FORMER NUHART FACILITY EAST
22-32 CLAY STREET AND 67-93 DUPONT STREET
BROOKLYN, NY
Block 2487, Lots 17, 18, 20, 21 and 57

REMEDIAL INVESTIGATION REPORT

AUGUST 2018

Prepared for:

Dupont Realty NY LLC

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
1808 Middle Country Road
Ridge, NY 11961

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LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
AST	Aboveground Storage Tank
BCP	Brownfields Cleanup Program
BCA	Brownfield Site Cleanup Agreement
CVOC	Chlorinated VOC
ESA	Environmental Site Assessment
EBC	Environmental Business Consultants
IRM	Interim Remedial Measure Work Plan
NYCDEP	New York City Department of Environmental Protection
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PID	Photo-Ionization Detector
PCB	Polychlorinated Biphenyls
REC	Recognized Environmental Condition
RI	Remedial Investigation
RIWR	Remedial Investigation Work Plan
SVOC	Semi-Volatile Organic Compound
UST	Underground Storage Tank
VOC	Volatile Organic Compound

REPORT CERTIFICAION

I, Charles Sosik, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).



Charles Sosik, PG
Principal

Date: August 20, 2018

1.0 INTRODUCTION

1.1 Project Background

This Remedial Investigation Report (RIR) was prepared on behalf of Dupont Realty NY LLC for the property known as the Former NuHart East, located at 67-93 Dupont Street in Brooklyn, New York (hereafter referred to as the Site). Dupont Realty NY LLC has filed an application with the New York State Department of Environmental Conservation (NYSDEC), to admit the Project Site into the New York State Brownfield Cleanup Program (BCP) along with this RIR.

The purpose of this Remedial Investigation Report is to collect data of sufficient quality and quantity to characterize the nature and extent of residual contamination associated with the USTs/historic operations at the Site and to complete a qualitative exposure assessment for future occupants of the proposed building and the surrounding community and to evaluate alternatives to remediate the contamination.

The overall objectives of the project are to prepare the Site for residential use and to remediate known and unknown environmental conditions at the Site to the satisfaction of the NYSDEC and the New York State Department of Health (NYSDOH).

1.2 Site Location and Description

The street address for the Site is 22-32 Clay Street and 67-93 Dupont Street, Brooklyn, NY (**Figure 1).** The Site is located in the City of New York in the Greenpoint neighborhood of the Borough of Brooklyn. The Site is comprised of approximately 49,000 square feet (1.12 acres). The Site consists of approximately 180 feet of street frontage along Clay Street and 310 feet of frontage on Dupont Street. The Site lots will be merged into a single lot as a prerequisite to Site development (**Figure 2).** Currently, the Site is developed with multiple adjoining 1 and 2 story industrial buildings. The buildings are vacant and the majority of the former machinery has been removed.

The elevation of the Site is approximately 5 feet above the National Geodetic Vertical Datum (NGVD). The area topography gradually slopes to the north and west. The depth to groundwater beneath the Site is approximately 9-11 feet below grade. Based on prior investigations, groundwater flows to the northwest towards Newtown Creek.

The area surrounding the property is highly urbanized and primarily residential, however some industrial / manufacturing properties are located on the opposite side of Clay Street. Adjacent land use includes multi-family residential walk-ups to the east on the south side of Clay Street and north side of Dupont Street, a senior housing apartment building (80 Dupont Street) and additional multi-family residential walk-ups on the south side of Dupont Street, undeveloped lots used for parking/equipment storage and several industrial/manufacturing buildings on the north side Clay Street, and the portions of the former Harte and Company, Inc. facility not included as part of this Site to the west.

There are no schools or daycare centers identified within 1,000 feet of the Site.

1.3 Redevelopment Plans

The redevelopment project consists of the construction of a new 8-story mixed-use commercial retail and residential apartment building, with full cellar, which will cover all off the Site and the adjacent Class 2 portions (Lots 1, 10, 12, 72, and 78) of the NuHart Property. The entire NuHart property will require excavation to a depth of at least 16 feet for the proposed building. The cellar level will consist of 12,500 ft^2 of parking, 7,135 ft^2 of mechanical room space, and 9 commercial/retail spaces totaling 52,147 ft^2, that will be separated by a 25,195 ft^2 courtyard that will be accessible from stairs from the Dupont Street, Clay Street, and Franklin Street sidewalks. The first floor will consist of an additional 21,009 ft^2 of parking, 9 apartments, an additional 17,681 ft^2 of commercial/retail space, the residential lobby, and loading bays and mechanical rooms. The 2nd floor will consist of an additional 8,247 ft^2 of parking, 10,770 ft^2 of amenity space for the residential portion of the building, and residential apartments. The 6th through 8th floors will consist of residential apartments.

With groundwater present at approximately 11 to 12 feet below grade, dewatering will be required during construction of the building's foundation.

1.4 Site History

The 1887 through 1942 Sanborn map depicts the Site along Dupont Street as being developed with multiple 20 to 25 ft wide lots, each developed with a 2½ or 3-story house. In 1887, the Site along Clay Street was developed with a several 1 and 2-story manufacturing buildings utilized by the Glen Cove Machine Co. The buildings were labeled as iron storage, machine shop, and coal shed. The 1905 Sanborn map depicts the Site along Clay Street as several 1 and 2-story industrial/manufacturing buildings utilized by Gaites Peace & Co. (gas and electric light fixture manufacturing), Logan Iron Works (with lacquering room), and Abendroth & Stein (sheet metal works). The 1916 Sanborn map indicates the 1 and 2-story industrial/manufacturing buildings were utilized by John Stein Sheet Metal Works, and as a recooperage. The 1642 and 1951 Sanborn maps depict the western half of the Site along Clay Street and Dupont as undeveloped/vacant. The remaining 2-story industrial/manufacturing building along Clay Street is identified as a metal and wood box manufacturing facility. The 1965 Sanborn map indicates the Site along Clay Street and 69 Dupont Street were redeveloped in 1950 with new steel frame buildings utilized as part of the Harte & Co. Inc. facility for chemical fabrics and manufacturing plastic film. A 1-story building (69 Dupont / 22 Clay) extends from Dupont Street to Clay Street and is labeled as shipping. A small 1-story building at 26 Clay Street is labeled as the boiler room. A 1-story building constructed behind the boiler room is labeled as printing. Two 1-story buildings located at 32-36 Clay Street are labeled as ink storage and storage. The 1978 through 1996 Sanborn maps depict two new 1 to 2-story manufacturing buildings constructed along Dupont Street. The Sanborn map indicates the buildings were constructed in 1956 and 1961.

2.0 SUMMARY OF PREVIOUS INVESTIGATIONS

2.1 Prior Subsurface Investigations

Environmental Investigations performed at the Site include the following:

- Underground Tank Closure Report (Advanced Site Restoration, July 2006)
- Phase II Site Assessment (Advanced Site Restoration, March 2007)
- Phase II Investigation (EBC – August 2007)
- Remedial Investigation Report (Ecosystems Strategies – July 2015)
- Remedial Investigation Report – Lot 57 (GZA – December 2016)

2.1.1 July 2006 – Underground Storage Tank Closure Report (ASR)

In this report, ASR Documents the activities to close-in-place 17 underground storage tanks at the NuHart facilty. Five (No. 1-5) of the 17 tanks are located on the proposed brownfield portion of the NuHart Site. The tank details are as follows:

Tank No.	Content	Capacity (gal)
1	No. 2 Fuel Oil	10,000
2	No. 2 Fuel Oil	10,000
3	No. 2 Fuel Oil	1,500
4	Methyl Tert Butyl Ketone	1,500
5	Acetone	1,500

According to the ASR report, all of the tanks were opened, emptied, cleaned and filled with foam. Documentation is provided as to the disposal of sludge and sediment from the tank bottoms. A copy of the ASR Underground Tank Closure Report is provided in digital form in Appendix A.

2.1.2 March 2007 – Phase II Site Assessment (ASR)

ASR performed a series of investigations and remedial work in 2006 on the entire NuHart property. This work included the installation of 42 soil borings, 17 monitoring wells and 10 product recovery wells. Of these, 16 borings, 3 monitoring wells and 1 recovery well were located on the proposed Brownfield Site (Lots 17, 18, 20, 21, and 57). Two additional monitoring wells were located in the south side of the Clay Street sidewalk just north of the proposed brownfield Site.

Soil Sampling

Between May 3, 2006, and July 24, 2006, ASR performed a total of 16 soil borings (SB-1, SB-2, SB-3, and SB-8 through SB-20) using a Geoprobe in the locations detailed below:

- Soil borings SB-8, SB-9, SB-10, and SB-11 were performed around Tank 4 and Tank 5 in the northeast corner of building. One soil sample was retained from each of the four soil borings.
- Soil borings SB-14 and SB-15 were performed around Tank 2 and Tank 3. One soil sample was retained from each of the two soil borings.

- Soil borings SB-2, SB-12, SB-13, SB-16, and SB-17 were performed within Lots 18 and 20. Two soil samples were retained from soil boring SB-2 (1-5ft and 10-12ft), and one soil sample was retained from the other four soil borings.
- Soil borings SB-18, SB-19, and SB-20 were performed in the north end of Lot 17. One soil sample was retained from each of the three soil borings.
- Soil boring SB-1 was performed on the eastern side of Lot 57. Two soil samples were retained from the soil boring (1-5ft and 5-10ft).

All soil samples were submitted to York Analytical Laboratories, Inc. (York) of 120 Research Drive, Stratford, Connecticut, a New York State ELAP certified environmental laboratory. Laboratory analysis for the soil samples included VOCs EPA Method 8260 (Stars list) and SVOCs by EPA Method 8270 (Stars list).

Soil Sample Results

No VOCs were detected within the soil borings performed around Tank 4 and Tank 5 in the northeast corner of building (SB-8, SB-9, SB-10, and SB-11), and no SVOCs were detected above Unrestricted Use SCOs. Bis(2-ethylhexyl)phthalate was detected at trace concentrations (maximum of 280 µg/kg) within three of the four samples.

No SVOCs were detected within either of the two soil samples retained from the soil borings performed around Tank 2 and Tank 3, however, gasoline related VOCs were detected above Unrestricted Use SCOs within one of the soil samples (SB-14). Gasoline related VOCs detected above Unrestricted Use SCOs are summarized below:

Compound	SB-14 Concentration
1,2,4-trimethylbenzene	11,000 µg/kg
m&p-xylenes	2,300 µg/kg
naphthalene	14,000 µg/kg
o-xylene	650 µg/kg

No VOCs or SVOCs were detected above Unrestricted Use SCOs within the soil samples collected on Lots 18 and 20 (SB-2, SB-12, SB-13, SB-16, SB-17) the northern end of Lot 17 (SB-18, SB-19, and SB-20), and the eastern end of Lot 57 (SB-1). Bis(2-ethylhexyl)phthalate was detected at trace concentrations (maximum of 370 µg/kg) within several of the soil samples.

The laboratory results are summarized and compared to NYSDEC Unrestricted Use SCOs, Restricted Residential SCOs and Commercial SCOs, on Table 2 (VOCs) and Table 3 (SVOCs). A copy of the Phase II Site Assessment prepared by ASR is provided in digital form in Appendix B.

Groundwater Sampling

In May 2006, three monitoring wells (MW1, MW2, MW3) were installed on Lots 17 and 18, and two monitoring wells (MW9, MW10) were installed within the Clay Street sidewalk, just north of the Site. In addition, recovery well RW-7 was installed in the same location of SB-14, which was just north of Tanks 2 and 3. The monitoring wells were installed utilizing a Geoprobe to a depth of approximately 19 feet. Each of the monitoring wells was constructed with 10 feet of 2 inch diameter well screen. Free phase fuel oil was present in the recovery well (RW-7) located adjacent to Tanks 2

and 3. On July 24, 2006, each of the five monitoring wells was sampled and submitted to York for laboratory analysis of VOCs EPA Method 8260 (Stars list) and SVOCs by EPA Method 8270 (Stars list).

Groundwater Sample Results

Gasoline related VOCs were detected above GWS within monitoring well MW-1 located south of Tanks 2 and 3, and within monitoring well MW-9, located within the Clay Street sidewalk immediately north of Tanks 2 and 3. VOCs detected above GWS include the following:

Compound	MW1	MW9	RW-7
ethylbenzene	ND	11 µg/L	LPH
isopropylbenzene	5 µg/L	8 µg/L	LPH
m&p-xylenes	ND	11 µg/L	LPH
naphthalene	75 µg/L	71 µg/L	LPH
n-butylbenzene	6 µg/L	6 µg/L	LPH
n-propylbenzene	7 µg/L	10 µg/L	LPH
sec-butylbenzene	9 µg/L	ND	LPH

SVOCs were detected above GWS in each of the three on-Site monitoring wells, and one of the two monitoring wells located within the Clay Street sidewalk immediately north of Tanks 2 and 3.

Compound	MW-1	MW-2	MW-3	MW-9	MW-10
fluorene	75 ppb	ND	ND	ND	ND
naphthalene	99 ppb	ND	ND	ND	ND
bis(2-ethylhexyl)phthalate	ND	60 ppb	31 ppb	ND	6 ppb
phenanthrene	110 ppb	ND	ND	ND	ND

The laboratory results are summarized and compared to GWS on Table 6 (VOCs) and Table 7 (SVOCs). A copy of the Phase II Site Assessment Report prepared by ASR is provided in digital form in Appendix B.

2.1.3 Septemenber 2007 – Phase II Investigation (EBC)

In August of 2007, EBC performed a Phase II investigation of the entire NuHart Facility including lots which currently comprise the Class 2 portion (Lots 1, 10, 12, 72, and 78) of the NuHart Property and the lots proposed for the Brownfield Site (Lots 17, 18, 20, 21, and 57). The purpose of this investigation was to establish the environmental condition of the entire property under the due diligence period as established under a buyers purchase agreement with the owner.

The investigation included the collection and analysis of 27 soil samples from 14 soil borings located on the property. Of these, 10 of the borings were located on the proposed Brownfield Site. On average, two soil samples were retained for analysis from each boring including one sample from the 0-4 ft interval and a second sample from the 8-12 ft interval.

Soil Sampling

On August 16, and August 17, 2017, a total of 14 soil borings (E1 through E14) were performed to a depth of 12 feet below grade using a Geoprobe and a 4 ft macrocore sample and disposable acetate liners. Soil borings E8, E9, E10, and E11 were performed on the adjacent property. Samples were

field screened for the presence of volatile organic compounds (VOCs) with a photo-ionization detector (PID) and visually inspected for evidence of contamination. Subsurface soils at all fourteen locations generally consisted of fine sand through the soil column. No obvious indicators of historic fill material such as wood, asphalt, slag, ash, bricks or other rubble were observed at any depth in any of the locations. Based upon the lack of PID response and lack of visual evidence of contamination, a shallow (0-4 feet below grade) and deep (8-12 feet below grade) sample were retained from each boring for laboratory analysis.

All samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and shipped via overnight courier to Chemtech Laboratories, Inc. (Chemtech) of Mountainside, NJ, a New York State ELAP certified environmental laboratory. All soil and groundwater samples were analyzed for the presence of VOCs by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides/PCBs by EPA methods 8081/8082 and target analyte list (TAL) metals. The deep sample from E7, which arrived at the laboratory in a broken container, was not analyzed.

Soil Sample Results

No VOCs, SVOCs, pesticides or PCBs were detected above Unrestricted Use SCOs within any of the soil samples collected during the EBC Phase II in August of 2007. The metal mercury (maximum of 1.8 mg/kg) was detected above Restricted Residential SCOs with the deep soil sample (8 to 12 ft interval) collected at soil boring location E12. Additional metals detected above Unrestricted Use SCOs include chromium (maximum of 77 mg/kg), copper (maximum of 78.9 mg/kg), lead (maximum of 380 mg/kg), nickel (maximum of 51.5 mg/kg), silver (2.260 mg/kg), and zinc (maximum of 279 mg/kg).

The laboratory results are summarized and compared to NYSDEC Unrestricted Use SCOs, Restricted Residential SCOs, and Commercial SCOs, on Table 2 (VOCs), Table 3 (SVOCs), Table 4 (pesticides/PCBs) and Table 5 (metals). A copy of the Phase II Subsurface Investigation Report prepared by EBC is provided in digital form in Appendix C.

2.1.4 Supplemental Groundwater / Soil Gas Data Summary (EBC)

Monitoring wells and soil gas implants were installed as part of the August 2007 subsurface investigation performed by EBC.

Groundwater Sampling

Five monitoring wells (E5, E6, E7, E13, and E14) were installed on the Site in August of 2007. Each of the monitoring wells was constructed with 15 feet of 0.010- inch slot screen at a depth of approximately 20 feet. Groundwater samples were collected from E5, E6, E7, E13, and E14 on November 19, 2007. The groundwater samples were submitted to Chemtech for laboratory analysis of VOCs (EPA 8260).

Groundwater Sample Results

No VOCs were detected with the exception of trichloroethene, which was detected above GQS in E6 (23 µg/L) and E13 (16 µg/L) which were located on Lots 18 and 20 respectively. The laboratory results are summarized and compared to GQS on Table 6 (VOCs) and Table 7 (SVOCs).

Soil Vapor Sampling

In August 2007, 3 soil vapor implants (SG1, SG2, SG3) were installed at a depth of approximately 1 to 2 feet above the water table. Soil vapor samples were collected within 6L Summa canisters on January 11, 2008, and submitted to Chemtech for laboratory analysis of VOCs by EPA Method TO15.

Soil Vapor Sample Results

Total VOC concentrations ranged from 152.30 µg/m^3 within the soil vapor sample collected in the approximate middle of Lot 57 (SG1), to 1,133.64 µg/m^3 within soil vapor sample collected from Lot 20 (SG3). Chlorinated VOCs were detected at elevated concentrations in soil vapor sample SG3 as shown below:

Compound	SG1 Concentration	SG2 Concentration	SG3 Concentration
1,1,1-trichloroethane	16.37 µg/m^3	42.56 µg/m^3	818.4 µg/m^3
chloroform	ND	4.88 µg/m^3	ND
cis-1,2-dichlorethene	3.17 µg/m^3	1.98 µg/m^3	ND
tetrachloroethylene	6.10 µg/m^3	4.07 µg/m^3	3.53 µg/m^3
trichloroethylene	3.65 µg/m^3	5.32 µg/m^3	112.86 µg/m^3
Total CVOCs	82.83 µg/m^3	93.16 µg/m^3	1029.86 µg/m^3

The laboratory results are summarized on Table 11. A copy of the Chemtech laboratory reports for the supplemental soil gas and groundwater sampling is provided in digital form in Appendix D.

2.1.5 July 2015 – Remedial Investigation Report (Ecosystems Strategies, Inc.)

The RI Investigation preformed by Ecoysystems on the entire NuHart Site included the installation of 55 soil borings, 22 monitoring wells and 8 soil vapor implants. However, the portion of the investigation performed on the proposed brownfield portion of the Site consisted of the installation of 6 soil borings, 2 monitoring wells and 3 soil gas implants. Two additional soil borings and monitoring wells were located in the sidewalk just north of the proposed brownfield portion of the Site.

The results identified elevated levels (above GWP SCOS) of acetone in two samples and methylnaphthalene in one. The highest concentration of acetone was reported in the boring located closest to the former acetone UST.

The results identified elevated concentrations of cis-DCE and TCE in the western monitoring well and an elevated level of phthalate in the eastern sample.

Soil Sampling

In February of 2012, ESI performed two soil borings on-Site (MW-19 and SB-70) and two soil borings off-Site within the Clay Street sidewalk (MW-18/SB-76, and MW-17). The MW-19, MW-18/SB-76, and MW-17 soil boring locations were performed utilizing a rotary auger drill rig with 2 ft split spoons. Soil boring SB70 was attempted with a Geoprobe, but the Geoprobe was unable to penetrate the concrete slab and no soil sample(s) was retained for laboratory analysis. Soil samples recovered from soil borings MW-19, MW-18/SB-76, and MW-17 were field screened for the

presence of volatile organic compounds (VOCs) with a photo-ionization detector (PID) and visually inspected for evidence of contamination.

Stained soil with an odor and PID readings as high as 36.2 ppm were encountered within on-Site soil boring MW-19 from approximately 4 to 20 feet below grade. Evidence of NAPL was noted within soil recovered from the interval 10 to 14 feet below grade. ESI retained one soil sample representing the interval 10 to 12 feet below grade from soil boring MW-19. The soil sample was submitted to York for laboratory analysis of VOCs via EPA Method 8260, and SVOCs via EP Method 8270. No PID or olfactory evidence of contamination was observed within soil recovered from off-Site soil borings MW-18/SB-76, and MW-17. ESI retained one soil sample from soil boring MW-17 at a depth of 1 ft below, and one soil sample from soil boring MW-18/SB-76 at a depth of 15 feet below grade. Both soil samples were submitted to York for laboratory analysis of SBOCs via EPA Method 8270.

On April 19, 2012, ESI performed two soil borings on-Site (SB-77A and SB-78A) and two soil borings off-Site within the Clay Street sidewalk (SB-MW17 and SB-MW18). The SB-MW17 and SB-MW18 soil boring locations were performed utilizing a rotary auger drill rig with 2ft split spoons. The SB-77A and SB-78A soil borings were performed using a Geoprobe with a 4 ft macrocore sampler and disposable acetate liners. Soil samples recovered from the soil borings were field screened for the presence of VOCs with a PID and visually inspected for evidence of contamination. Low PID readings (below 10 ppm) were detected within soil recovered from soil borings SB-77A and SB-78A. ESI retained one soil sample from both soil borings representing the interval 8 to 12 feet below grade. Both soil samples were submitted to York for laboratory analysis of VOCs via EPA Method 8260, and SVOCs via EPA Method 8270. No physical or olfactory evidence of contamination was observed in either of the off-Site soil borings (SB-MW-17 and SB-MW18). ESI retained one soil sample representing the interval 8 to 12 feet below grade from SB-MW-18, and one soil sample representing the interval 12 to 16 feet below grade from SB-MW-17. Both soil samples were submitted to York for laboratory analysis of VOCs via EPA Method 8260.

ESI performed four additional on-Site soil borings (2SB-7, SSB-8, 2SB-10, and 2SB-11) from July 31, 2013, to August 1, 2013 utilizing Geoprobe with a 4 ft macrocore sampler and disposable acetate liners. Soil samples recovered from the soil borings were field screened for the presence of VOCs with a PID and visually inspected for evidence of contamination. No PID or olfactory evidence of contamination was observed within any of the four soil borings. No soil samples were retained for laboratory analysis from soil boring 2SB-10. However, one soil sample was retained from soil borings 2SB-7, 2SB-8, and 2SB-11 representing the interval 10 to 15 ft below grade. The three soil samples were submitted to York for laboratory analysis of VOCs via EPA Method 8260, and SVOCs via EPA Method 8270.

Soil Sample Results

No VOCs or SVOCs were detected above Unrestricted Use SCOs within any of the on-Site or off-Site soil samples with the exception of the common laboratory contaminant, acetone. Several gasoline related VOCs were detected at concentrations below Unrestricted Use SCOs within the MW-19 (10-12) soil sample. Several SVOCs were also detected at concentrations below Unrestricted Use SCOs within the MW-19 (10-12) soil sample, including 2-methylnaphthalene (13,200 µg/kg), anthracene (1,400 µg/kg), benzyl butyl phthalate (10,100 µg/kg), bis(2-

ethylexyl)phthalate (4,330 µg/kg), fluorine (1,850 µg/kg), naphthalene (2,000 µg/kg), phenanthrene (6,650 µg/kg), and pyrene (3,360 µg/kg).

The laboratory results are summarized and compared to NYSDEC Unrestricted Use SCOs, Restricted Residential SCOs, and Commercial SCOs, on Table 2 (VOCs), Table 3 (SVOCs).

Groundwater Sampling

Two monitoring wells (MW-19 and MW-40) were installed on the Site, and two monitoring wells (MW-17 and MW-18) were installed within the Clay Street sidewalk immediately north of the Site. Monitoring wells MW-17, MW-18, and MW-19 were installed in February 2012, and monitoring well MW-40 was installed in September of 2014. Each of the monitoring wells was constructed with 15 feet of 0.010-inch slot screen at a depth of approximately 20 feet. Each of the monitoring wells were developed with a submersible pump until the discharged water appeared free of sediment and indicator parameters (pH, temperature, turbidity, dissolved oxygen and specific conductivity) had stabilized. Groundwater samples were collected using USEPA low street ("low flow") using a peristaltic pump, disposable plastic tubing, and a Horiba U-52 multi-parameters water quality meter. Groundwater samples were collected from M-18 and MW-19 on March 16, 2012, MW-17 and MW-19 on April 19, 2012, and MW-18 and MW-40 on October 8, 2012. The groundwater samples were submitted to York for laboratory analysis of VOCs (EPA 8260), SVOCs (EPA 8270), and/or total metals (EPA 6010C).

Groundwater Sample Results

No VOCs were detected above GQS within off-Site monitoring well MW-17 or on-Site monitoring well MW-19 with the exception of the common laboratory contaminant methylene chloride (maximum of 5.8 µg/L). Numerous VOCs were detected above GWS within the groundwater sample collected from off-Site monitoring well MW-18 on March 16, 2012, but the results appear to be highly questionable, as the concentration for 17 different VOCs is 110 µg/L. The monitoring well was resampled on October 8, 2014, and the only VOC detected above GQS was trichloroethene at 16 µg/L.

Chlorinated VOCs were detected at elevated concentrations within monitoring well MW-40 as shown below:

Compound	MW-40 Concentration
cis-1,2-dichloroethene	530 µg/L
trans-1,2-dichlorethene	25 µg/L
trichloroethene	7,400 µg/L

The laboratory results are summarized and compared to GQS on Table 6 (VOCs), Table 7 (SVOCs), and Table 10 (total metals).

Soil Vapor Sampling

On July 31, 2013, a 3 soil vapor samples (2SB-7, 2SB-8, and 2-SB-10) were collected from a depth of approximately 1 to 2 feet above the water table. The soil vapor samples were collected from an "air stone" filter installed within a boring created utilized mechanized Geoprobe equipment. Sampling tubing connected to the "air stone" was sealed at the top of the bore hole with non-VOC

containing caulk in order to prevent infiltration of surface air and each soil vapor sampling location was tested with a tracer gas (helium). A vacuum pump was then utilized to purge the standing air from the tubing and open the soil interval. At least three borehole and tubing volumes were purged prior to sample collection at a rate of 0.2 liters per minute. Following purging, the soil vapor samples were collected within 6L Summa canisters with a one-hour calibrated flow controller. The three soil vapor samples were submitted to York for laboratory analysis of VOCs by EPA Method TO15.

Soil Vapor Sample Results

Total VOC concentrations ranged from 151.60 µg/m^3 within the soil vapor sample collected at the eastern end of Lot 21 (2SB-10), to 21,870 µg/m^3 within soil vapor sample collected east of the Class 2 portion of the property (2SB-8). Chlorinated VOCs were detected at elevated concentrations in soil vapor samples 2SB-7 and 2SB-8 as shown below:

Compound	2SB-7 Concentration	2SB-8 Concentration	2SB-10 Concentration
carbon tetrachloride	ND	410 µg/m^3	ND
chlorobenzene	ND	340 µg/m^3	ND
chloroform	38 µg/m^3	440 µg/m^3	ND
cis-1,2-dichloroethene	570 µg/m^3	650 µg/m^3	ND
tetrachloroethylene	850 µg/m^3	700 µg/m^3	ND
trichloroethylene	5,600 µg/m^3	14,000 µg/m^3	ND
vinyl chloride	ND	190 µg/m^3	ND
Total CVOCs	8,112 µg/m^3	17,160 µg/m^3	11 µg/m^3

In addition, elevated concentrations of petroleum related VOCs were detected in soil vapor sample 2SB-8. The total BTEX concentration in soil vapor sample 2SB-8 was 2,990 µg/m^3 as shown below:

Compound	2SB-7 Concentration	2SB-8 Concentration	2SB-10 Concentration
1,2,4-trimethylbenzene	38 µg/m^3	410 µg/m^3	ND
1,3,5-trimethylbenzene	ND	340 µg/m^3	ND
benzene	ND	250 µg/m^3	ND
ethyl-benzene	25 µg/m^3	300 µg/m^3	14 µg/m^3
m&p-xylene	110 µg/m^3	590 µg/m^3	44 µg/m^3
o-xylene	38 µg/m^3	500 µg/m^3	11 µg/m^3
toluene	10 µg/m^3	340 µg/m^3	18 µg/m^3
Total BTEX	8,112 µg/m^3	2,990 µg/m^3	87 µg/m^3

The laboratory results are summarized on Table 11. A copy of the RI Report prepared by Ecosystems is provided in digital form in Appendix E.

2.1.6 April 2015 – Supplemental Remedial Investigation Report (FPM Group)

The Supplemental Remedial Investigation performed by PFM Group included the collection of 5 soil vapor samples (SV-1 through SV-5). Soil vapor samples SV-1 and SV-2 were collected north of the Site within the Clay Street sidewalk. Soil vapor samples SV-2, SV-4, and SV-5 were collected on

the opposite side of Clay Street. The collection and laboratory results of soil vapor samples SV-1 and SV-3 are described below.

Soil Vapor Sampling

On April 23 and 24, 2015, 2 soil vapor samples (SV-1 and SV-3) were collected from tubing installed within borings created utilized mechanized direct push equipment. The bottom one foot of the boring around the open end of the tubing was backfilled with clean silica sand. The remainder of each boring was backfilled with bentonite, which was hydrated to seal each boring. Each soil vapor sampling location was tested with a tracer gas (helium) and then a vacuum pump was utilized to purge the standing air from the tubing and open the soil interval. At least three borehole and tubing volumes were purged prior to sample collection at a rate of 0.2 liters per minute. Following purging, the soil vapor samples were collected within 6L Summa canisters with a two-hour calibrated flow controller. The three soil vapor samples were submitted to Centek Laboratories, LLC for laboratory analysis of VOCs by EPA Method TO15.

Soil Vapor Sample Results

Low concentrations of CVOCs and petroleum related VOCs were detected within soil vapor sample SV-3. The highest VOC concentration detected within SV-3 was acetone (510 µg/m^3). Benzene (1,600 µg/m^3), acetone (100 µg/m^3) and the CVOC trichloroethene (140 µg/m^3) were detected at elevated concentrations within soil vapor sample SV-1. The laboratory results are summarized on Table 11. A copy of the Supplemental Remedial Investigation Report prepared by FPM Group is provided in digital form in Appendix G.

2.1.7 December 2016 – Remedial Investigation Report – Lots 17 and 57 (GZA)

GZA GeoEnvironmental of New York (GZA) performed a Remedial Investigation on Lot 57 and the eastern portion of Lot 17 in February of 2016 under the oversight of the NYC Office of Environmental Remediation. The field work portion of the subsurface investigation consisted of the installation of eight soil borings (SB-101 through SB-108) to collect 21 soil samples (and 2 duplicates), installation of five monitoring wells (MW-101 through MW-105) to collect five groundwater samples (and 1 duplicate), installation of seven soil vapor probes, to collect seven soil vapor samples (SV-201 through SV-207), and the collection of one indoor air sample (IA-301) and two outdoor ambient air samples (OA-302, and OA-303).

Fill material was encountered to depths as great as 4 feet below grade. A brown sand and silt strata with trace amounts of gravel underlies the fill material to approximately 10 to 13 feet, and a brown clayey silty strata underlies the brown sand and silt strata. Groundwater was encountered at depths varying between 4.4 ft and 8.74 ft below the slab. The groundwater flow direction determined by GZA was east to west.

Soil Sampling

On February 11, 2016, and February 12, 2016, a total of eight soil borings (SB-101 through SB-108) were performed to a depth of 15 feet below grade using a Geoprobe. Soil samples recovered from the soil borings were field screened for VOCs using a PID. All soils were visually inspected for evidence of impacts (e.g., odors, staining, and visible free product) and the lithology was recorded, based on observation. Soil samples were retained from each of the 8 soil borings from the intervals 0 to 2 feet below grade and 10 to 12 feet below grade. Additional soil samples representing the

EBC
Environmental Business Consultants
1808 Middle Country Road
Ridge, NY 11961
Phone: 631.504.6000
Fax: 631.924.2870

intervals 4 to 6 feet or 5 to 7 feet below grade was retained from soil borings SB-101, SB-102, SB-103, SB-104, and SB-108. Each of the 21 soil samples were submitted to Alpha Analytical of Westborough, Massachusetts (Alpha) for laboratory analysis of VOCs (EPA 8260), SVOCs (EPA 8270), pesticides / PCBs (EPA 8081/8082) and TAL metals (EPA 6010C).

Soil Sample Results

No VOCs or PCBs were detected above Unrestricted Use SCOs, and no pesticides were detected above Restricted Residential SCOs. The SVOC benzo(k)fluoranthene (maximum of 3,400 ppb) was detected above Residential SCOs and six SVOCs were detected above Restricted Residential SCOs with several of the shallow soil samples collected from the historic fill layer as shown below.

Compound	SB-103 Concentration	SB-105 Concentration	SB-108 Concentration
benz(a)anthracene	9,200 µg/kg	4,500 µg/kg	1,100 µg/kg
benzo(a)pyrene	8,400 µg/kg	3,900 µg/kg	1,000 µg/kg
benzo(b)fluoranthene	11,000 µg/kg	5,000 µg/kg	1,500 µg/kg
chrysene	9,800 µg/kg	4,600 µg/kg	
dibenz(a,h)anthracene	1,300 µg/kg	500 µg/kg	
indeno(1,2,3-cd)pyrene	5,600 µg/kg	2,200 µg/kg	630 µg/kg

Grey text indicates concentration not above Restricted Residential SCOs

The metals barium (maximum of 490 mg/kg) and lead (maximum of 2,500 mg/kg) were detected above Restricted Residential SCOs with one of the shallow soil samples retained from the historic fill layer. Several metals (copper at 67 mg/kg, lead at 200 mg/kg, and zinc at 230 mg/kg) were detected above Unrestricted Use SCOs within one of the deeper soil samples (10 to 12 feet below grade) collected at the Site.

The laboratory results are summarized and compared to NYSDEC Unrestricted Use SCOs, Restricted Residential SCOs, and Commercial SCOs, on Table 2 (VOCs), Table 3 (SVOCs), Table 4 (pesticides/PCBs) and Table 5 (metals).

Groundwater sampling

Five monitoring wells (MW1-MW5) were installed at the Site on February 18, 2016, and February 19, 2016. The monitoring wells were installed utilizing a Geoprobe to a depth of approximately 10 feet. Each of the monitoring wells was constructed with 10 feet of 0.010-inch slot screen. On February 19, 2016, each of the five monitoring wells was sampled utilizing a peristaltic pump and disposable sampling equipment dedicated to each location. Each of the groundwater samples was submitted to Alpha for laboratory analysis of VOCs (EPA 8260), SVOCs (EPA 8270), pesticides / PCBs (EPA 8081/8082) and both dissolved and total metals (EPA 6010C).

Groundwater Sample Results

No VOCs, pesticides or PCBs were detected above GQS within the five groundwater samples collected from Lot 57 and the eastern portion of Lot 17. The SVOC phenol (3.5 µg/L) was detected above GQS groundwater sample MW-104, and the SVOCs benzo(a)anthracene (0.11 µg/L), benzo(a)pyrene (0.11 µg/L), benzo(b)fluoranthene (0.15 µg/L), benzo(k)fluoranthene (0.06 µg/L), chrysene (0.1 µg/L), and indeno(1,2,3-cd)pyrene (0.08 µg/L) were detected above GQS in

groundwater sample MW-102. The SVOC bis(2-ethylhexyl) phthalate was detected within groundwater samples MW-103 (3.9 µg/L) and MW-104 (4.7 µg/L) at concentrations slightly below the GQS of 5 µg/L. The dissolved concentrations of the metals antimony (maximum of 0.0036 mg/L), lead (maximum of 0.0255 mg/L), manganese (0.3949 mg/L, and/or selenium (maximum of 0.03 mg/L) were detected above GQS within four of the five groundwater samples.

The laboratory results are summarized and compared to GQS on Table 6 (VOCs), Table 7 (SVOCs), Table 8 (pesticides/PCBs), Table 9 (dissolved metals) and Table 10 (total metals).

Soil Vapor and Ambient Air Sampling

On February 18, 2016, seven soil vapor probes (SV-101 through SV-107) were installed at an approximate depth of 5 feet below grade utilizing a Geoprobe. Each soil vapor sampling probe was tested with a tracer gas to verify ambient air was not being drawn into the sample. Following testing, GZA collected one indoor air sample (OA-301), two outdoor air samples (IA-302 and IA-303), and seven soil vapor samples in 2.7 L SUMMA canisters. Each of the 10 samples was submitted to Alpha for laboratory analysis of VOCs (EPA TO15).

Soil Vapor and Indoor/Outdoor Air Results

Low concentrations of petroleum-related VOCs were detected in each of the seven soil vapor samples. The chlorinated VOCs tetrachloroethylene (PCE), trichloroethylene (TCE), cis-1,2-dichloroethene, 1,1,-dichloroethylene, and vinyl chloride were not detected within any of the seven soil vapor samples. The chlorinated VOC 1,1,1-TCA was detected in one of the soil vapor samples at a low concentration of 1.42 µg/m^3. GZA concluded "Based on the VOC concentrations detected and the NYSDOH decision matricies, no further action would be required."

The laboratory results are summarized on Table 11. A cop of the RI Report for Lot 57 as prepared by GZA is provided in digital form in Appendix F.

2.2 Analytical Summary

A sample matrix showing the number, type and analysis of samples collected during the Remedial Investigation is provided as **Table 1.** Soil sampling results are summarized and compared to NYSDEEC Unrestricted Use Soil Cleanup Objectives and Restricted Residential Soil Cleanup Objectives as presented in 6NYCRR Part 375-6.8 in **Tables 2** through **5**. All soil results above Unrestricted Use SCOs are presented in **Table 12** and posted on **Figure 6.**

The results of groundwater samples collected during the RI are summarized and compared to New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS) in **Tables 6** through **10**. Groundwater parameters reported above groundwater standards are presented in **Table 13** and posted in **Figure 7.**

Soil vapor results are summarized and compared to New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion (May 2017) Matrix A, B, and C guidance values on **Table 11** and posted on **Figure 8.**

EBC
Environmental Business Consultants
1808 Middle Country Road
Ridge, NY 11961
Phone: 631.504.6000
Fax: 631.924.2870

2.2.1 Data Usability Summary Report (DUSR)

Data validation may be performed to determine if, in general, the data are valid as reported and may be used for decision making purposes. Any DUSRs for this RI will be submitted to DEC upon receipt. Following receipt of the DUSRs electronic data deliverables (EDDs) package will be submitted and uploaded to DEC.

3.0 HYDROGEOLOGIC ASSESSMENT AND PHYSICAL SETTING

3.1 Site Topography

The elevation of the Site is 11 feet above the National Geodetic Vertical Datum (NGVD). The area topography gradually slopes to the east.

3.2 Surrounding Land Use

The area surrounding the property is highly urbanized and primarily residential, however some industrial / manufacturing properties are located on the opposite side of Clay Street. Adjacent land use includes multi-family residential walk-ups to the east on the south side of Clay Street and north side of Dupont Street, a senior housing apartment building (80 Dupont Street) and additional multi-family residential walk-ups on the south side of Dupont Street, undeveloped lots used for parking/equipment storage and several industrial/manufacturing buildings on the north side Clay Street, and the portions of the former Harte and Company, Inc. facility not included as part of this Site to the west.

There are no schools or daycare centers identified within 1,000 feet of the Site. There were no nursing homes or hospitals identified within 1,000 feet of the Site. The Dupont Street Senior housing complex is located just south of the Site at 80 Dupont Stree.

3.3 Regional Geology / Hydrogeology

Long Island's present configuration is primarily the result of glaciation which during the Pleistocene Era, predominately that of the last ice age, the Wisconsin, which ended about ten thousand years ago. Two advances of the Wisconsin ice sheet during the Upper Pleistocene of the Quaternary Period caused the island to be blanketed with till, ice contact stratified drift, outwash deposits and deposits composed of clay, silt, sand, gravel and boulders. The terminal moraines and the north shore are composed primarily of stratified drift with some till. The area between the moraines and south of them are mostly the outwash deposits. Central and South Long Island are of the glaciofluvial origin. The Pleistocene deposits lie atop the gently-dipping Cretaceous rocks.

The bedrock was eroded to a peneplain before the overlying Cretaceous sediments were deposited; its surface shows signs of later erosion by Pleistocene glaciation in the north. Bedrock crops out in northwestern Queens County near the East River and slopes southward at about eighty (80) feet per mile. Consequently, the overlying formations form a southward-dipping wedge that attains a maximum thickness of one-thousand fifty (1,050) feet in the southeast corner of Queens County. The maximum thickness of unconsolidated deposits in Kings County is about eight-hundred (800) feet in southeast Kings.

Overlying bedrock is the Raritan Formation of Late Cretaceous age, consisting of the Lloyd Sand Member and an upper, unnamed clay member. Overlying the Raritan Formation is the Magothy Formation and Matawan Group, undifferentiated, also of Late Cretaceous age, the Jameco Gravel of Pleistocene age, the Gardiners Clay of Pleistocene age, upper Pleistocene deposits of Wisconsin age, and a generally thin soil mantle of Holocene age. Holocene beach deposits make up most of the

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1808 Middle Country Road
Ridge, NY 11961
Phone: 631.504.6000
Fax: 631.924.2870

Rockaway Peninsula and Coney Island in the south, and Holocene salt-marsh deposits underlie and fringe the south-shore bay areas. Artificial filling has been done in low and swampy shoreline areas. Because Holocene deposits occur in relative small areas of Kings and Queens and are not significant water bearers, they are not included in the geologic descriptions that follow. The four distinct formations on Long Island: The Upper Glacial, the Jameco, the Magothy and the Lloyd aquifers. They all occur in the unconsolidated materials overlying the bedrock.

3.4 Site Geology / Hydrogeology

According to geologic maps of the area created by the United States Geologic Survey (USGS), the bedrock in this area of Brooklyn is an igneous intrusive classified as the Ravenswood grano-diorite of middle Ordovician to middle Cambrian age. The depth to bedrock in this area of Brooklyn is greater than 100 ft below grade. Unconsolidated sediments overlie the bedrock and consist of Pleistocene aged sand, gravel and silty clays, deposited by glacial-fluvial activity. Non-native fill materials consisting of dredge spoils, rubble and / or other materials have historically been used to reinforce and extend shoreline areas and to raise and improve the drainage of low lying areas.

Subsurface soils at the Site consist of historic fill materials to a depth of approximately 5 feet below the surface followed by native silty-sand and clay (**Figure9**). Petroleum impacts in the form of stained soil, elevated VOC concentrations and free product are present in the vicinity of the underground storage tanks.

According to the USGS topographic map for the area (Central Park Quadrangle), the elevation of the property is approximately 18 feet above the National Geodetic Vertical Datum (NGVD). The area gradually slopes to the north and northeast toward Newtown Creek. Groundwater occurs beneath the Site at a depth of approximately 11-12 feet below grade under water table conditions. Based on regional and site specific flow maps, groundwater flow is generally west toward the East River (**Figure 5**). The Site is not located within a designated flood zone area.

EBC
Environmental Business Consultants
1808 Middle Country Road
Ridge, NY 11961
Phone: 631.504.6000
Fax: 631.924.2870

4.0 NATURE AND EXTENT OF CONTAMINATION

4.1 Identification of Source Areas

4.1.1 Gasoline Contamination Source Area (NYSDEC Spill No. 0601852)

Petroleum odors, staining and/or LNAPL were observed in borings performed northwest and south of the former petroleum USTs. Soil boring SB-14 performed by ASR in June of 2006 noted elevated concentrations of gasoline related VOCs including 1,2,4-trimethylbenzene (11,000 µg/kg), 1,3,5-trimethylbenzene (2,300 µg/kg), ethylbenzene (860 µg/kg), isopropylbenzene (600 µg/kg), m&p-xylenes (2300 µg/kg), naphthalene (14,000 µg/kg), n-butylbenzene (2,600 µg/kg), n-propylbenzene (1,400 µg/kg), o-xylene (650 µg/kg), and sec-butylbenzene (870 µg/kg). The VOC 1,2,4-trimethylbenzene (1,700 µg/kg) was detected at a concentration below Unrestricted Use SCOs within soil sample SB-2 (10-12'), located south west of the tank area. In July 2006, ASR collected a groundwater sample from monitoring well MW-9 located in the Clay Street sidewalk (installed by ASR in May of 2006) and monitoring well MW1 located south of the tank area. Gasoline related VOCs were detected within both groundwater samples above GQS. VOCs detected above GQS in MW1 included isopropylbenzene (5 µg/L), naphthalene (75 µg/L), n-butylbenzene (6 µg/L), n-propylbenzene (7 µg/L), and sec-butylbenzene (9 µg/L). VOCs detected above GQS in MW9 included ethylbenzene (11 µg/L), isopropylbenzene (8 µg/L), m&p-xylenes (11 µg/L), naphthalene (71 µg/L), n-butylbenzene (6 µg/L), and n-propylbenzene (10 µg/L). ASR also installed recovery well RW-7 in December of 2006, but a groundwater sample was not collected because free phase fuel oil was present in the recovery well (RW-7) located adjacent to Tanks 2 and 3. LPH was measured within RW-7 during monthly monitoring up to 0.16 inches thick in 2006 through 2008.

4.1.2 CVOC Contamination Source Area

Significant concentrations of TCE was detected within soil samples collected from the adjacent Class 2 portion of the NuHart Site, but TCE was not detected within any of the soil samples collected at the BCP portion of the Site at a concentration above Unrestricted Use SCOs. However, TCE was detected at elevated concentrations within groundwater samples collected at the BCP portion of the Site, including groundwater samples MW-40 (7,400 µg/L), MW3 (16 µg/L), and E13 (16 µg/L). In addition, TCE was detected at elevated concentrations within soil gas samples collected at the BCP portion of the Site, including SG1 (3.65 µg/m^3), SG2 (5.32 µg/m^3), SG3 (112.86 µg/m^3), SV-1 (140 µg/m^3)), 2SB-7 (5,600 µg/m^3), and 2SB-8 (14,000 µg/m^3). Elevated PCE concentrations were detected within soil gas samples 2SB-7 (850 µg/m^3), and 2SB-8 (700 µg/m^3)), and the CVOCs 1,1,1-trichloroethane (818.4 µg/m^3 in SG3) and carbon tetrachloride (410 µg/m^3 in 2SB-8) were also detected at elevated concentrations.

The highest TCE and PCE concentrations detected within on-Site soil gas and groundwater appear to be limited to the west half of the Site.

4.1.3 Historic Fill Material

Historic fill material has been identified across the Site to depths as great as 5 feet below grade. SVOCs were reported above Restricted Residential Use SCOs include benz(a)anthracene (maximum of 9,200 µg/kg), benz(a)pyrene (maximum of 8,400 µg/kg), benz(b)fluoranthene (maximum of 11,000 µg/kg), benzo(k)fluoranthene (maximum of 3,400 µg/kg), chrysene (maximum of 9,800 µg/kg), diben(a,h)anthracene (maximum of 1,300 µg/kg), and indeno(1,2,3-cd)pyrene (maximum of

5,600 µg/kg).

The pesticide 4,4'-DDD(maximum of 17.9 µg/kg) was detected above Unrestricted Use SCOs within one of the fill samples collected from the interval 0 to 2 ft below grade, and one of the fill samples collected from the interval 5 to 7 ft below grade. The metals barium (maximum of 490 mg/Kg), and lead (maximum 2,500 mg/Kg) were reported above Commercial SCOs within one of the fill samples collected from the interval 0 to 2 ft below grade, and the metal mercury (maximum of 1.8 mg/kg) was detected within one deep soil sample (8 to 12 ft interval) at a concentration greater than Restricted Residential Use SCOs. The metals chromium (maximum of 77 mg/kg), copper (maximum of 78.9 mg/kg), nickel (maximum of 51.5 mg/kg), silver (2.26 mg/kg), and zinc (maximum of 542 mg/kg) were all detected above Unrestricted Use SCOs.

4.2 Groundwater Impacts

Free phase fuel oil was present in the recovery well (RW-7) located adjacent to Tanks 2 and 3. LPH was measured within RW-7 during monthly monitoring up to 0.16 inches thick in 2006 through 2008. Gasoline related VOCs detected above GQS in MW1 (located south of Tanks 2 and 3) and MW9 (located in Clay Street sidewalk, northwest of Tanks 2 and 3) included ethylbenzene (11 µg/L), isopropylbenzene (maximum of 8 µg/L), m&p-xylenes (11 µg/L), naphthalene (maximum of 75 µg/L), n-butylbenzene (6 µg/L), n-propylbenzene (maximum of 10 µg/L), and sec-butylbenzene (9 µg/L).

The SVOC bis(2-ethylhexyl)phthalate (maximum of 60 µg/L) was detected above GQS within MW-2, MW-3, MW-10, MW-17, MW-19. Additional SVOC detections above GQS included fluorine (75 µg/L), naphthalene (99 µg/L), phenol (3.5 µg/L), benz(a)anthracene (0.11 µg/L), benzo(a)pyrene (0.11 µg/L), benzo(b)fluoranthene (0.15 µg/L), benzo(k)fluoranthene (0.06 µg/L), chrysene (0.1 µg/L), and indeno(1,2,3-cd)pyrene (0.08 µg/L). Several dissolved metals were detected above standards including antimony, lead, magnesium, manganese, selenium and sodium. These metals are consistent with general groundwater quality throughout the area. Lead was also reported above GQS at one location.

The chlorinated VOC TCE was detected at elevated concentrations within groundwater samples MW-40 (7,400 µg/L), MW3 (16 µg/L), and E13 (16 µg/L). The chlorinated VOCs cis-1,2-dichloroethene (530 µg/L), and trans-1,2-dichloroethene (25 µg/L) were also detected above GQS within groundwater sample MW-40.

4.3 Soil-Vapor Impacts

TCE was detected at elevated concentrations within soil gas samples collected at the Site, including SG1 (3.65 µg/m^3), SG2 (5.32 µg/m^3), SG3 (112.86 µg/m^3), SV-1 (140 µg/m^3), 2SB-7 (5,600 µg/m^3), and 2SB-8 (14,000 µg/m^3). Elevated PCE concentrations were detected within soil gas samples 2SB-7 (850 µg/m^3), and 2SB-8 (700 µg/m^3), and the CVOCs 1,1,1-trichloroethane (818.4 µg/m^3 in SG3) and carbon tetrachloride (410 µg/m^3 in 2SB-8) were also detected at elevated concentrations.

Elevated concentrations of petroleum related VOCs were detected in soil vapor sample 2SB-8. The total BTEX concentration in soil vapor sample 2SB-8 was 2,990 µg/m^3.

4.4 Site Conceptual Model

Contamination at the Site consists of historic fill material that contains metals and SVOCs above Unrestricted Use, Restricted Residential Use, and/or Commercial Use SCOs to depths as great a 5 feet below grade, CVOC impacted groundwater and soil gas on the western half of the Site, and petroleum impacted soil, groundwater and soil gas in the northeastern portion of the Site and below the Clay Street sidewalk/street.

The elevated concentrations of gasoline related VOCs detected in soil, soil gas and groundwater at the Site are likely attributable to Tanks 2 and 3 located in the northeast portion of the Site. LPH has been detected within recovery well RW-7 located immediately north of the tanks, and groundwater samples collected from the Clay Street sidewalk and west of the tanks have noted gasoline related VOCs above GQS. The tanks and/or tank piping may be the source of the petroleum contamination.

The detections of the SVOC bis(2-ethylhexyl)phthalate (maximum of 60 µg/L) above GQS within monitoring wells MW-2, MW-3, MW-10, MW-17, MW-19 is likely attributable to Class 2 portion of the NuHart property. The former industrial operations conducted on the Class 2 portion of the NuHart property have impacted on-site and off-site soil and groundwater through releases of phthalates and lubricating oil from holding tanks and piping networks. Phthalates and phthalate/oil mixture are present as widespread light non-aqueous phase liquid (LNAPL) impacting soil and floating on the groundwater. Dissolved groundwater contamination is generally limited to phthalates such as bis(2-ethylhexyl)phthalate.

The elevated concentrations of chlorinated VOCs in soil, soil gas and groundwater are likely attributable to Class 2 portion of the NuHart property. TCE was detected within soil samples collected on the eastern half of the adjacent Class 2 portion of the NuHart property and was not detected at a concentration above Unrestricted Use SCOs within the BCP portion of the NuHart property. The nature and extent of the soil contamination is indicative of a limited surface spill which migrated through cracks or other voids in the concrete floor. The timing and scenario of the release are unknown. The TCE contamination in soil appears to be limited to eastern half of the adjacent Class 2 portion of the NuHart property. The TCE then migrated both north and east as indicated by the CVOC concentrations in groundwater. Off-gassing is occurring from the residually contaminated soil which resulted in elevated concentrations of Trichloroethene in soil vapor samples collected at the Site.

Elevated levels of SVOCs and metals in shallow soil on are likely related to historic fill material.

5.0 QUALITATIVE EXPOSURE ASSESSMENT

The objective of the qualitative exposure assessment under the Brownfields Cleanup Program (BCP) is to identify potential receptors to the contaminants of concern (COC) that are present at, or migrating from, the Site. The identification of exposure pathways describes the route that the COC takes to travel from the source to the receptor. An identified pathway indicates that the potential for exposure exists; it does not imply that exposures actually occur. An exposure pathway has five elements; a contaminant source, release and transport mechanisms, point of exposure, route of exposure and a receptor population.

The potential exposure pathways identified below, represent both current and future exposure scenarios.

5.1 Contaminant Source

Source areas of the Site include the following:

- Petroleum contaminated soil, groundwater and soil gas are present in the northeast corner of the Site, likely attributable to Tanks 2 and 3.
- CVOCs are present in soil gas and groundwater at elevated concentrations, likely attributable to the adjacent Class 2 portion of the NuHart property.
- Bis(2-ethylhexyl)phthalate is present n groundwater above GQS, likely attributable to Class 2 portion of the NuHart property.
- Elevated levels of SVOCs and metals are present in fill materials across the Site to depths as great as 5 feet below grade.

5.2 Contaminant Release and Transport Mechanism

Historic fill material with elevated concentrations of SVOCs and metals is present across the Site to depths as great as 5 feet below grade. The contaminants detected within the historic fill material are not believed to be associated with a spill/release, but are likely associated with the source of material originally brought in to backfill/raise the property.

The petroleum contamination may be associated with the underground storage tank located in northeast portion of the Site, the piping associated with the tanks or another unidentified tank. Contaminants including gasoline related VOCs in deeper soil in contact with groundwater have transferred to the dissolved phase and have been present in the form of LPH in recovery well RW-7. Dissolved components migrating from the source area have traveled north, south and west with groundwater flow.

The elevated TCE and PCE concentrations in soil gas and groundwater are likely attributable to the adjacent Class 2 portion of the NuHart facility, and are not likely Site related. The migration of PCE and TCE in groundwater and soil gas onto the BCP portion of the Site appears limited to the western end of the Site.

The detections of the SVOC bis(2-ethylhexyl)phthalate (maximum of 60 µg/L) above GQS within monitoring wells MW-2, MW-3, MW-10, MW-17, MW-19 is likely attributable to Class 2 portion of the NuHart property. The former industrial operations conducted on the Class 2 portion of the NuHart property have impacted on-site and off-site soil and groundwater through releases of phthalates and lubricating oil from holding tanks and piping networks. Phthalates and a phthalate/oil mixture are present as widespread light non-aqueous phase liquid (LNAPL) impacting soil and floating on the groundwater. Dissolved groundwater contamination is generally limited to phthalates such as bis(2-ethylhexyl)phthalate.

5.3 Point of Exposure, Route of Exposure and Potentially Exposed Populations

Potential On-Site Exposures: Remediation workers and construction workers engaged in the excavation of impacted and non-impacted soil at the Site may be exposed to petroleum VOCs / SVOCs, CVOCs, pesticides, and heavy metals through several routes. Workers excavating impacted soil may be exposed through inhalation, ingestion and dermal contact. A site specific Health and Safety Plan has been developed to identify and minimize the potential hazards to on-site workers. Site trespassers could also be exposed to impacted soil during excavation, however, security measures including an 8 ft high construction fence and 24 hr security will minimize potential exposure through this route. Potential vapor intrusion is a concern for residents of planned construction in the north-central area of the Site, however remediation of the source area is expected to greatly reduce if not eliminate this potential.

Potential Off-Site Exposures: Off-Site residents could also be exposed to dust or vapors during the excavation of impacted soil. A site-specific Community Air Monitoring Plan has been developed to identify and minimize the potential for off-site exposure to residents through continuous air monitoring during excavation activity.

The entire area is serviced by the New York City Water System which distributes water from the Croton Reservoir system. Since there are no public or private potable supply wells in the area, exposure from contact with tap water is not a concern. Off-site exposure is therefore limited to vapor intrusion from light end petroleum VOCs or CVOCs. Since the highest concentrations in soil vapor were reported in close proximity to the impacted soil areas, there appears to be a potential for off-Site exposure through soil vapor intrusion. This potential will be further reduced following the removal of the source area under the planned redevelopment of the Site.

Potential Off-Site Environmental Impacts: Since VOCs in groundwater may be migrating beneath the Site at low concentrations in an easterly direction, the groundwater to surface water discharge pathway was evaluated. The nearest surface water to the Site is Newtown located approximately 350 feet to the north, and East River located approximately 800 feet to the west. Based upon the concentrations of contaminants currently in groundwater beneath the Site, there are no expected impacts to surface water environments from contaminants migrating from the Site.

6.0 CONCLUSIONS AND RECOMENDATIONS

Subsurface soils at the Site consist of historic fill materials to a depths ranging from 1 to 5 feet below grade with some areas extending to 12 feet below grade. Silty sand is present immediately below this layer. The fill material contains elevated levels of some metals, pesticides, and SVOCs.

Groundwater at the Site is present under water table conditions at a depth of 11 to 12 feet below grade and flows west.

The results of sampling performed during this RI, identified gasoline related VOCs in soil, soil gas and groundwater at elevated concentrations in the northeast portion of the Site. In addition, LPH was detected within recovery well RW-7. The petroleum contamination may e associated with the underground storage tanks located in northeast portion of the Site, the piping associated with the tanks or another unidentified tank.

The SVOC bis(2-ethylhexyl)phthalate (maximum of 60 µg/L) is present in groundwater at concentrations above GQS, but is likely attributable to Class 2 portion of the NuHart property. The former industrial operations conducted on the Class 2 portion of the NuHart property have impacted on-site and off-site soil and groundwater through releases of phthalates and lubricating oil from holding tanks and piping networks. Phthalates and a phthalate/oil mixture are present as widespread light non-aqueous phase liquid (LNAPL) impacting soil and floating on the groundwater. Dissolved groundwater contamination is generally limited to phthalates such as bis(2-ethylhexyl)phthalate.

TCE (maximum of 14,000 µg/m^3) and PCE (maximum of 850 µg/m^3) were detected at elevated concentrations within soil gas samples collected on the western half of the Site. The elevated TCE and PCE concentrations in soil gas and groundwater are likely attributable to the adjacent Class 2 portion of the NuHart facility, and are not likely Site related. The migration of PCE and TCE in groundwater and soil gas onto the BCP portion of the Site appears limited to the western end of the Site.

The qualitative exposure assessment identified potential completed routes of exposure to construction workers and remediation workers through inhalation, ingestion and dermal contact of petroleum compounds, CVOCs, SVOCs, and heavy metals during excavation activities. The Health and Safety Plan prepared for the site identifies such exposures and provides instructions for on-site workers to minimize potential exposure. Occupants in the proposed on-Site building may be exposed to CVOCs through the vapor intrusion pathway, if remedial action is not taken to remove the source.

The exposure assessment indicated a limited potential exposure to residents and commercial workers in adjacent buildings from dust of vapors during excavation of impacted soil. A site-specific Community Air Monitoring Plan has been developed to identify and minimize the potential for off-site exposure to residents through continuous air monitoring during excavation activity. There were no other identified potential impacts to off-site populations from site-related contaminants.

Potential environmental impacts through the groundwater to surface water discharge were considered unlikely based on the concentrations of VOCs in groundwater, the groundwater flow direction (east), and the distance to Newtown Creek (360 feet).
Recommendations include removal of the UST(s), excavation and disposal of all petroleum and

chlorinated VOC contaminated soil, and proper handling and disposal of all soils excavated for structural elements of the new building. This work would be performed under an approved Remedial Action Work Plan which includes a Soil Management Plan, a Construction Health and Safety Plan and a Community Air Monitoring Plan.

Potential soil vapor impact should be re-evaluated following the completion of remedial activities to determine if conditions improve to the point where active mitigation is unnecessary. Further evaluation of vapor intrusion can also be performed following implementation of the RAWP to determine if the design elements of a subslab depressurization system should then be incorporated into the Remedial Action Work Plan for the Site as a contingency, should the potential for vapor intrusion remain following the removal of the impacted soils.

7.0 REFERENCES

6 NYCRR Part 375 Environmental Remediation Programs Subparts 375-1, 375-3 and 375-6

Advanced Site Restoration, LLC, *Phase II Site Assessment – March 2007.*

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NYSDEC, Division of Environmental Remediation, December 2002, *DER-10, Technical Guidance for Site Investigation and Remediation.*

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NYSDEC, Division of Water, June 1998, Addendum April 2000*, Technical and Administrative Guidance Series 1:1:1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.*

NYSDOH, Center for Environmental Health, October 2006, *Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York.*

TABLES

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 1
Summay of Sampling Program Rationale and Analysis

Phase II Site Assessment - Advanced Site Restoration (ASR) - March 2007				
Matrix	**Location**	**Number of Samples**	**Rationale for Sampling**	**Laboratory Analysis**
SOIL	16 on-Site soilborings performed across the Site	23	To assess quality of suface and deeper soil across the Site	VOCs EPA Method 8260, SVOCs EPA Method 8270
GROUNDWATER	From 3 on-Site monitoring wells (MW1, MW2, MW3), 1 on-Site recovery well (RW-7) and 2 off-Site monitoring wells on Clay Street sidewalk (MW9 and MW10)	6	To assess groundwater quality at the Site	VOCs EPA Method 8260 (STARs), SVOCs EPA Method 8270 (STARS)

Phase II Site Assessment - Advanced Site Restoration (ASR) - March 2007				
Matrix	**Location**	**Number of Samples**	**Rationale for Sampling**	**Laboratory Analysis**
SOIL	14 soil borings performed across the Site	19	To assess quality of historic fill and deeper soil across the Site	VOCs EPA Method 8260, SVOCs EPA Method 8270, Pesticides/PCBs EPA Method 8081/8082, TAL Metals
GROUNDWATER	From 5 on-Site monitoring wells (E5, E6, E7, E13 and E14)	5	To assess quality of groundwater quality at the Site	VOCs EPA Method 8260
SOIL VAPOR	From 3 on-Site locations (SG1, SG2, SG3)	3	Evaluate soil gas acrosst the Site	VOCs EPA Method TO-15

Phase II Site Assessment - Advanced Site Restoration (ASR) - March 2007				
Matrix	**Location**	**Number of Samples**	**Rationale for Sampling**	**Laboratory Analysis**
SOIL	8 on-Site soil borings, and 4 off-Site Soil borings in clay Street Sidewalk	10	To assess quality of historic fill and deeper soil across the Site	VOCs EPA Method 8260, SVOCs EPA Method 8270
GROUNDWATER	From 2 on-Site monitoring well locations (MW19 and MW40) and 2 off-Site monitoring wells in Clay Street Sidewalk (MW17 and MW18)	4	To assess quality of groundwater quality at the Site	VOCs EPA Method 8260, SVOCs EPA method 8270, and/or metals
SOIL VAPOR	From 3 on-Site locations (2SB-7, 2SB-8, 2SB-9)	3	Evaluate soil gas acrosst the Site	VOCs EPA Method TO15

Phase II Site Assessment - Advanced Site Restoration (ASR) - March 2007				
Matrix	**Location**	**Number of Samples**	**Rationale for Sampling**	**Laboratory Analysis**
SOIL VAPOR	From 2 off-Site locations in Clay Street Sidewalk (SV-1, SV3)	2	Evaluate soil gas acrosst the Site	VOCs EPA Method TO15

Phase II Site Assessment - Advanced Site Restoration (ASR) - March 2007				
Matrix	**Location**	**Number of Samples**	**Rationale for Sampling**	**Laboratory Analysis**
SOIL	8 on-Site soill borings	21	To assess quality of historic fill and deeper soil across the Site	VOCs EPA Method 8260, SVOCs EPA Method 8270, Pesticides/PCBs EPA Method 8081/8082, TAL Metals
GROUNDWATER	From 5 on-Site monitoring wells (MW1, MW2, MW3, MW4, MW5)	5	To assess quality of groundwater quality at the Site	VOCs EPA Method 8260, SVOCs EPA Method 8270, Pesticides/PCBs EPA Method 8081/8082, TAL Metals
SOIL GAS	From 7 on-Site Locations (SV-101 through SV-107)	7	Evaluate soil gas acrosst the Site	VOCs EPA Method TO15
INDOOR/OUTDOOR	From 1 indoor location (OA-301) and 2 outdoor locations (IA-302 and IA-303)	3	Evaluate Indoor and Outdoor Ambient Air Concentrations	VOCs EPA Method TO15

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 2
Laboratory Results - Soil
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Commercial Cleanup Objectives*	ASR - Remedial Investigation - May 2006															
				SB-1				SB-2				SB-3				SB-8		SB-9	
				5/2/2006		5/2/2006		5/2/2006		5/2/2006		5/2/2006		5/2/2006		6/9/2006		6/9/2006	
				(0-5')		(8-12')		(0-5')		(8-12')		(0-5')		(8-12')		(8-9')		(8-9')	
				Lot 57				Lot 18				Lot 21				Lot 21		Lot 21	
				µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1,1-Trichloroethane	680	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachlorothane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichlorotrifluoroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	270	26,000	240,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	330	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	3,600	52,000	190,000	-	-	-	-	-	-	**1700**	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromomethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	1,100	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	20	3,100	3,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichloroethylenes				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	8,400	52,000	190,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2,400	49,000	280,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1,800	13,000	130,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4-Diethyl Benzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	100	13,000	130,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Ethyl Ketone (2-Butanone)	120	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone (Methyl Butyl Ketone)				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Isopropyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	50	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrolein				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	60	4,800	44,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	760	2,400	22,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	1,100	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	370	49,000	350,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	250	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl Ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	1,000	41,000	390,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	260	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Acetate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl t-butyl ether (MTBE)	930	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylcyclohexane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	50	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	12,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	3,900	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	260	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Isopropyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	11,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
t-1,3-Dichloropropene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-butyl alcohol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5,900	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Buyl methyl ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1,300	19,000	150,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran (THF)				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	700	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	190	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trabs-1,4-dichloro-2-butene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	470	21,000	200,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorotrifluoroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	20	900	13,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCs Concentration				**0**		**0**		**0**		**1,700**		**0**		**0**		**0**		**0**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Restricted Restidential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Commercial Guidance Value

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

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Table 2
Laboratory Results - Soil
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Commercial Cleanup Objectives*	ASR - Remedial Investigation - May 2006															
				SB-10		SB-11		SB-12		SB-13		SB-14		SB-15		SB-16		SB-17	
				6/9/2006		6/9/2006		6/9/2006		6/9/2006		6/20/2006		6/13/2006		6/13/2006		6/13/2006	
				(8')		(8')		(9-10')		(9-10')		(11-12')							
				Lot 21		Lot 21		Lot 20		Lot 18		Lot 20		Lot 20		Lot 18		Lot 18	
				µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1,1-Trichloroethane	680	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachlorothane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichlorotrifluoroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	270	26,000	240,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	330	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	3,600	52,000	190,000	-	-	-	-	-	-	-	-	**11000**	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromomethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	1,100	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	20	3,100	3,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichloroethylenes				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	8,400	52,000	190,000	-	-	-	-	-	-	-	-	**2300**	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2,400	49,000	280,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1,800	13,000	130,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4-Diethyl Benzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	100	13,000	130,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Ethyl Ketone (2-Butanone)	120	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone (Methyl Butyl Ketone)				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Isopropyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	50	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrolein				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	60	4,800	44,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	760	2,400	22,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	1,100	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	370	49,000	350,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	250	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl Ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	1,000	41,000	390,000	-	-	-	-	-	-	-	-	**860**	-	-	-	-	-	-	-
Hexachlorobutadiene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene				-	-	-	-	-	-	-	-	**660**	-	-	-	-	-	-	-
m&p-Xylenes	260	100,000	500,000	-	-	-	-	-	-	-	-	**2300**	-	-	-	-	-	-	-
Methyl Acetate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl t-butyl ether (MTBE)	930	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylcyclohexane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	50	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	12,000	100,000	500,000	-	-	-	-	-	-	-	-	**14000**	-	-	-	-	-	-	-
n-Butylbenzene				-	-	-	-	-	-	-	-	**2600**	-	-	-	-	-	-	-
n-Propylbenzene	3,900	100,000	500,000	-	-	-	-	-	-	-	-	**1400**	-	-	-	-	-	-	-
o-Xylene	260	100,000	500,000	-	-	-	-	-	-	-	-	**650**	-	-	-	-	-	-	-
p-Isopropyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	11,000	100,000	500,000	-	-	-	-	-	-	-	-	**870**	-	-	-	-	-	-	-
Styrene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
t-1,3-Dichloropropene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-butyl alcohol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5,900	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Buyl methyl ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1,300	19,000	150,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran (THF)				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	700	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	190	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trabs-1,4-dichloro-2-butene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	470	21,000	200,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorotrifluoroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	20	900	13,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCs Concentration				**0**		**0**		**0**		**0**		**36,640**		**0**		**0**		**0**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Restricted Restidential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Commercial Guidance Value

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 2
Laboratory Results - Soil
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Commercial Cleanup Objectives*	ASR - Remedial Investigation - May 2006													
				SB-18		SB-19		SB-20		MW-9				MW-10			
				6/13/2006		6/13/2006		6/13/2006		7/21/2006		7/21/2006		7/21/2006		7/21/2006	
										(5-10')		(10-15')		(0-5')		(10-15')	
				Lot 17		Lot 17		Lot 17		Lot 18 (sidewalk)				Lot 21 (sidewalk)			
				µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1,1-Trichloroethane	680	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachlorothane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichlorotrifluoroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	270	26,000	240,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	330	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	3,600	52,000	190,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromomethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	1,100	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	20	3,100	3,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichloroethylenes				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	8,400	52,000	190,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2,400	49,000	280,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1,800	13,000	130,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4-Diethyl Benzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	100	13,000	130,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Ethyl Ketone (2-Butanone)	120	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone (Methyl Butyl Ketone)				-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Isopropyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	50	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrolein				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	60	4,800	44,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	760	2,400	22,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	1,100	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	370	49,000	350,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	250	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl Ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	1,000	41,000	390,000	-	-	-	-	-	-	-	-	**480**	-	-	-	-	-
Hexachlorobutadiene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene				-	-	-	-	-	-	-	-	**620**	-	-	-	-	-
m&p-Xylenes	260	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Acetate				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl t-butyl ether (MTBE)	930	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylcyclohexane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	50	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	12,000	100,000	500,000	-	-	-	-	-	-	**4,000**	-	**3,600**	-	-	-	-	-
n-Butylbenzene				-	-	-	-	-	-	**1,100**	-	**1,100**	-	-	-	-	-
n-Propylbenzene	3,900	100,000	500,000	-	-	-	-	-	-	**850**	-	**1,100**	-	-	-	-	-
o-Xylene	260	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Isopropyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	11,000	100,000	500,000	-	-	-	-	-	-	**720**	-	**690**	-	-	-	-	-
Styrene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
t-1,3-Dichloropropene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-butyl alcohol				-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5,900	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Buyl methyl ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1,300	19,000	150,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran (THF)				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	700	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	190	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
trabs-1,4-dichloro-2-butene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	470	21,000	200,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorotrifluoroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	20	900	13,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCs Concentration				**0**		**0**		**0**		**5,950**		**6,900**		**0**		**0**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Restricted Restidential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Commercial Guidance Value

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 2
Laboratory Results - Soil
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Commercial Cleanup Objectives*	EBC - Remedial Investigation - 2007															
				E1				E2				E3				E4			
				8/16/2007		8/16/2007		8/16/2007		8/16/2007		8/16/2007		8/16/2007		8/16/2007		8/16/2007	
				(0-4')		(8-12')		(0-4')		(8-12')		(0-4')		(8-12')		(0-4')		(8-12')	
				Lot 57				Lot 57				Lot 17				Lot 17			
				µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1,1-Trichloroethane	680	100,000	500,000	2.3	U	2.6	U	2.5	U	2.5	U	2.5	U	2.5	U	2.3	U	2.6	U
1,1,1,2-Tetrachlorothane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane				1.7	U	1.9	U	1.8	U	1.9	U	1.8	U	1.9	U	1.7	U	2.0	U
1,1,2-Trichloroethane				1.6	U	1.8	U	1.7	U	1.8	U	1.7	U	1.8	U	1.6	U	1.8	U
1,1,2-Trichlorotrifluoroethane				3.7	U	4.1	U	3.9	U	4.0	U	3.9	U	4.0	U	3.7	U	4.2	U
1,1-Dichloroethane	270	26,000	240,000	1.5	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.5	U	1.7	U
1,1-Dichloroethene	330	100,000	500,000	3.2	U	3.5	U	3.4	U	3.4	U	3.4	U	3.4	U	3.2	U	3.6	U
1,1-Dichloropropene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene				3.8	U	4.2	U	4.0	U	4.1	U	4.0	U	4.1	U	3.8	U	4.3	U
1,2,4-Trimethylbenzene	3,600	52,000	190,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane				5.3	U	5.8	U	5.5	U	5.6	U	5.6	U	5.6	U	5.2	U	5.9	U
1,2-Dibromomethane				2.2	U	2.5	U	2.4	U	2.4	U	2.4	U	2.4	U	2.2	U	2.5	U
1,2-Dichlorobenzene	1,100	100,000	100,000	2.2	U	2.4	U	2.3	U	2.3	U	2.3	U	2.3	U	2.1	U	2.4	U
1,2-Dichloroethane	20	3,100	3,100	1.7	U	1.9	U	1.8	U	1.8	U	1.8	U	1.8	U	1.7	U	1.9	U
Dichloroethylenes				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane				2.2	U	2.4	U	2.3	U	2.4	U	2.3	U	2.4	U	2.2	U	2.5	U
1,3,5-Trimethylbenzene	8,400	52,000	190,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2,400	49,000	280,000	3.1	U	3.4	U	3.3	U	3.3	U	3.3	U	3.3	U	3.1	U	3.5	U
1,3-Dichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1,800	13,000	130,000	3.0	U	3.3	U	3.2	U	3.3	U	3.2	U	3.3	U	3.0	U	3.4	U
1,4-Diethyl Benzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	100	13,000	130,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Ethyl Ketone (2-Butanone)	120	100,000	500,000	16	U	17	U	17	U	17	U	17	U	17	U	16	U	18	U
2-Chlorotoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone (Methyl Butyl Ketone)				20	U	22	U	21	U	22	U	21	U	22	U	20	U	23	U
2-Isopropyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone				11	U	12	U	12	U	12	U	12	U	12	U	11	U	12	U
Acetone	50	100,000	500,000	19	U	21	U	72	J	20	U	20	U	20	U	19	U	21	U
Acrolein				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	60	4,800	44,000	2.2	U	2.4	U	2.3	U	2.4	U	2.4	U	2.4	U	2.2	U	2.5	U
Bromobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane				1.9	U	2.1	U	2.0	U	2.0	U	2.0	U	2.0	U	1.8	U	2.1	U
Bromoform				1.7	U	1.9	U	1.8	U	1.9	U	1.8	U	1.9	U	1.7	U	1.9	U
Bromomethane				11	U	12	U	12	U	12	U	12	U	12	U	11	U	13	U
Carbon Disulfide				2.1	U	2.3	U	2.2	U	2.2	U	2.2	U	2.2	U	2.0	U	2.3	U
Carbon tetrachloride	760	2,400	22,000	2.5	U	2.7	U	2.6	U	2.7	U	2.6	U	2.6	U	2.4	U	2.8	U
Chlorobenzene	1,100	100,000	500,000	2.0	U	2.2	U	2.1	U	2.2	U	2.1	U	2.2	U	2.0	U	2.3	U
Chloroethane				12	U	13	U	13	U	13	U	13	U	13	U	12	U	13	U
Chloroform	370	49,000	350,000	1.9	U	2.1	U	2.0	U	2.1	U	2.1	U	2.1	U	1.9	U	2.2	U
Chloromethane				4.8	U	5.2	U	5.0	U	5.1	U	5.0	U	5.1	U	4.7	U	5.4	U
cis-1,2-Dichloroethene	250	100,000	500,000	1.8	U	2.0	U	1.9	U	1.9	U	1.9	U	1.9	U	1.8	U	2.0	U
cis-1,3-Dichloropropene				1.8	U	2.0	U	1.9	U	2.0	U	2.0	U	2.0	U	1.8	U	2.1	U
Cyclohexane				1.8	U	2.0	U	1.9	U	1.9	U	1.9	U	1.9	U	1.8	U	2.0	U
Cymene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane				1.3	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.3	U	1.4	U
Dibromomethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane				4.8	U	5.2	U	5.0	U	5.1	U	5.1	U	5.1	U	4.7	U	5.4	U
Diethyl Ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	1,000	41,000	390,000	2.0	U	2.2	U	2.1	U	2.1	U	2.1	U	2.1	U	2.0	U	2.2	U
Hexachlorobutadiene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene				2.3	U	2.5	U	2.4	U	2.5	U	2.5	U	2.5	U	2.3	U	2.6	U
m&p-Xylenes	260	100,000	500,000	4.8	U	5.3	U	5.1	U	5.2	U	5.1	U	5.2	U	4.8	U	5.4	U
Methyl Acetate				4.8	U	5.3	U	5.1	U	5.2	U	5.1	U	5.2	U	4.8	U	5.4	U
Methyl t-butyl ether (MTBE)	930	100,000	500,000	2.1	U	2.3	U	2.2	U	2.2	U	2.2	U	2.2	U	2.0	U	2.3	U
Methylcyclohexane				2.3	U	2.6	U	2.5	U	2.5	U	2.5	U	2.5	U	2.3	U	2.6	U
Methylene chloride	50	100,000	500,000	10	U	11	U	11	U	11	U	11	U	11	U	10	U	11	U
Naphthalene	12,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	3,900	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	260	100,000	500,000	2.1	U	2.4	U	2.3	U	2.3	U	2.3	U	2.3	U	2.1	U	2.4	U
p-Isopropyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	11,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene				2.6	U	2.8	U	2.7	U	2.8	U	2.7	U	2.7	U	2.5	U	2.9	U
t-1,3-Dichloropropene				2.0	U	2.2	U	2.1	U	2.2	U	2.1	U	2.2	U	2.0	U	2.3	U
Tert-butyl alcohol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5,900	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Buyl methyl ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1,300	19,000	150,000	4.1	U	4.5	U	4.3	U	4.4	U	4.3	U	4.4	U	4.0	U	4.6	U
Tetrahydrofuran (THF)				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	700	100,000	500,000	2.3	U	2.5	U	2.4	U	2.4	U	2.4	U	2.4	U	2.2	U	2.5	U
trans-1,2-Dichloroethene	190	100,000	500,000	3.6	U	3.9	U	3.8	U	3.8	U	3.8	U	3.8	U	3.5	U	4.0	U
trans-1,3-Dichloropropene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trabs-1,4-dichloro-2-butene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	470	21,000	200,000	1.7	U	1.9	U	1.8	U	1.8	U	1.8	U	1.8	U	1.7	U	1.9	U
Trichlorofluoromethane				7.0	U	7.6	U	7.3	U	7.5	U	7.4	U	7.5	U	6.9	U	7.8	U
Trichlorotrifluoroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	20	900	13,000	4.6	U	5.0	U	4.8	U	4.9	U	4.9	U	4.9	U	4.5	U	5.2	U
Total VOCs Concentration				**0**		**0**		**72**		**0**		**0**		**0**		**0**		**0**	

Notes:
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Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
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Qualifiers
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J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
NR - Not analyzed

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22-32 Clay Street 67-93 Dupont Street
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Table 2
Laboratory Results - Soil
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Commercial Cleanup Objectives*	EBC - Remedial Investigation - 2007													
				E5				E6				E7		E12			
				8/16/2007		8/16/2007		8/16/2007		8/16/2007		8/17/2007		8/17/2007		8/17/2007	
				(0-4')		(8-12')		(0-4')		(8-12')		(0-4')		(0-4')		(8-12')	
				Lot 21				Lot 18				Lot 17		Lot 17			
				µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1,1-Trichloroethane	680	100,000	500,000	2.5	U	2.4	U	2.2	U	2.4	U	2.2	U	4.6	U	5.5	U
1,1,1,2-Tetrachlorothane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane				1.8	U	1.8	U	1.7	U	1.8	U	1.6	U	4.6	U	5.4	U
1,1,2-Trichloroethane				1.7	U	1.7	U	1.6	U	1.7	U	1.5	U	4.4	U	5.3	U
1,1,2-Trichlorotrifluoroethane				3.9	U	3.8	U	3.5	U	3.8	U	3.4	U	11	U	13	U
1,1-Dichloroethane	270	26,000	240,000	1.6	U	1.5	U	1.4	U	1.5	U	1.4	U	11	U	14	U
1,1-Dichloroethene	330	100,000	500,000	3.4	U	3.3	U	3.1	U	3.3	U	3.0	U	6.7	U	8.0	U
1,1-Dichloropropene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene				4.0	U	3.9	U	3.6	U	3.9	U	3.5	U	3.6	U	4.2	U
1,2,4-Trimethylbenzene	3,600	52,000	190,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane				5.6	U	5.4	U	5.0	U	5.4	U	4.9	U	3.1	U	3.7	U
1,2-Dibromomethane				2.4	U	2.3	U	2.1	U	2.3	U	2.1	U	18	U	21	U
1,2-Dichlorobenzene	1,100	100,000	100,000	2.3	U	2.2	U	2.1	U	2.2	U	2.0	U	2.0	U	2.4	U
1,2-Dichloroethane	20	3,100	3,100	1.8	U	1.8	U	1.6	U	1.8	U	1.6	U	2.0	U	2.4	U
Dichloroethylenes				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane				2.4	U	2.3	U	2.1	U	2.3	U	2.1	U	4.7	U	5.5	U
1,3,5-Trimethylbenzene	8,400	52,000	190,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2,400	49,000	280,000	3.3	U	3.2	U	3.0	U	3.2	U	2.9	U	9.8	U	12	U
1,3-Dichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1,800	13,000	130,000	3.2	U	3.1	U	2.9	U	3.1	U	2.8	U	3.4	U	4.1	U
1,4-Diethyl Benzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	100	13,000	130,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Ethyl Ketone (2-Butanone)	120	100,000	500,000	17	U	16	U	15	U	16	U	15	U	1.4	U	1.7	U
2-Chlorotoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone (Methyl Butyl Ketone)				21	U	21	U	19	U	21	U	19	U	1.7	U	2.1	U
2-Isopropyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone				12	U	11	U	11	U	11	U	10	U	15	U	18	U
Acetone	50	100,000	500,000	20	U	19	U	18	U	19	U	17	U	2.4	U	2.8	U
Acrolein				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	60	4,800	44,000	2.4	U	2.3	U	2.1	U	2.3	U	2.1	U	1.7	U	2.1	U
Bromobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane				2.0	U	1.9	U	1.8	U	1.9	U	1.7	U	1.9	U	2.2	U
Bromoform				1.8	U	1.8	U	1.7	U	1.8	U	1.6	U	2.2	U	2.7	U
Bromomethane				12	U	12	U	11	U	12	U	10	U	2.3	U	2.7	U
Carbon Disulfide				2.2	U	2.1	U	2.0	U	2.1	U	1.9	U	2.1	U	2.5	U
Carbon tetrachloride	760	2,400	22,000	2.6	U	2.5	U	2.4	U	2.6	U	2.3	U	1.7	U	2.0	U
Chlorobenzene	1,100	100,000	500,000	2.1	U	2.1	U	1.9	U	2.1	U	1.9	U	1.7	U	2.0	U
Chloroethane				13	U	12	U	11	U	12	U	11	U	2.1	U	2.5	U
Chloroform	370	49,000	350,000	2.1	U	2.0	U	1.9	U	2.0	U	1.8	U	1.8	U	2.1	U
Chloromethane				5.0	U	4.9	U	4.5	U	4.9	U	4.4	U	11	U	13	U
cis-1,2-Dichloroethene	250	100,000	500,000	1.9	U	1.9	U	1.7	U	1.9	U	1.7	U	2.2	U	2.6	U
cis-1,3-Dichloropropene				2.0	U	1.9	U	1.8	U	1.9	U	1.7	U	2.0	U	2.3	U
Cyclohexane				1.9	U	1.9	U	1.7	U	1.9	U	1.7	U	1.8	U	2.1	U
Cymene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane				1.4	U	1.3	U	1.2	U	1.3	U	1.2	U	1.6	U	1.9	U
Dibromomethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane				5.1	U	4.9	U	4.6	U	4.9	U	4.4	U	19	U	23	U
Diethyl Ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	1,000	41,000	390,000	2.1	U	2.0	U	1.9	U	2.0	U	1.8	U	1.2	U	1.5	U
Hexachlorobutadiene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene				2.5	U	2.4	U	2.2	U	2.4	U	2.1	U	2.2	U	2.6	U
m&p-Xylenes	260	100,000	500,000	5.1	U	4.9	U	4.6	U	5.0	U	4.5	U	3.9	U	4.7	U
Methyl Acetate				5.1	U	4.9	U	4.6	U	5.0	U	4.5	U	1.9	U	2.3	U
Methyl t-butyl ether (MTBE)	930	100,000	500,000	2.2	U	2.1	U	2.0	U	2.1	U	1.9	U	1.9	U	2.3	U
Methylcyclohexane				2.5	U	2.4	U	2.2	U	2.4	U	2.2	U	4.7	U	5.5	U
Methylene chloride	50	100,000	500,000	11	U	10	U	9.7	U	11	U	9.4	U	2.1	U	2.5	U
Naphthalene	12,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	3,900	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	260	100,000	500,000	2.3	U	2.2	U	2.0	U	2.2	U	2.0	U	2.5	U	2.9	U
p-Isopropyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	11,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene				2.7	U	2.6	U	2.4	U	2.6	U	2.4	U	1.7	U	2.0	U
t-1,3-Dichloropropene				2.1	U	2.1	U	1.9	U	2.1	U	1.9	U	2.2	U	2.7	U
Tert-butyl alcohol				-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5,900	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Buyl methyl ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1,300	19,000	150,000	4.3	U	4.2	U	3.9	U	4.2	U	3.8	U	1.7	U	2.0	U
Tetrahydrofuran (THF)				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	700	100,000	500,000	2.4	U	2.3	U	2.2	U	2.3	U	2.1	U	3.0	U	3.6	U
trans-1,2-Dichloroethene	190	100,000	500,000	3.8	U	3.6	U	3.4	U	3.7	U	3.3	U	2.9	U	3.5	U
trans-1,3-Dichloropropene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
trabs-1,4-dichloro-2-butene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	470	21,000	200,000	1.8	U	1.8	U	1.6	U	1.8	U	1.6	U	2.1	U	2.5	U
Trichlorofluoromethane				7.4	U	7.1	U	6.6	U	7.2	U	6.4	U	5.1	U	6.0	U
Trichlorotrifluoroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	20	900	13,000	4.9	U	4.7	U	4.4	U	4.7	U	4.3	U	3.7	U	4.4	U
Total VOCs Concentration				**0**		**0**		**0**		**0**		**0**		**0**		**0**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Restricted Restidential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Commercial Guidance Value

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 2
Laboratory Results - Soil
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Commercial Cleanup Objectives*	EBC - Remedial Investigation - 2007								Ecosystems Strategies - Remedial Investigation Report - July 2015								
				E13				E14				SB-MW-17			SB-MW-18			MW-19		
				8/17/2007 (0-4') Lot 20 µg/Kg		8/17/2007 (8-12') Lot 20 µg/Kg		8/17/2007 (0-4') Lot 21 µg/Kg		8/17/2007 (8-12') Lot 21 µg/Kg		4/19/2012 (12-16') Sidewalk on Clay St µg/Kg			4/19/2012 (8-12') Sidewalk on Clay St µg/Kg			4/19/2012 (8-12') Lot 20 µg/Kg		
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1-Trichloroethane	680	100,000	500,000	4.9	U	5.4	U	4.8	U	5.2	U	ND	-	13	ND	-	560	ND	-	600
1,1,1,2-Tetrachlorothane				-	-	-	-	-	-	-	-	ND	-	13	ND	-	560	ND	-	600
1,1,2,2-Tetrachloroethane				4.9	U	5.4	U	4.8	U	5.2	U	ND	-	13	ND	-	560	ND	-	600
1,1,2-Trichloroethane				4.8	U	5.2	U	4.6	U	5.0	U	ND	-	13	ND	-	560	ND	-	600
1,1,2-Trichlorotrifluoroethane				12	U	13	U	11	U	12	U	ND	-	13	ND	-	560	ND	-	600
1,1-Dichloroethane	270	26,000	240,000	12	U	13	U	12	U	13	U	ND	-	13	ND	-	560	ND	-	600
1,1-Dichloroethene	330	100,000	500,000	7.2	U	7.8	U	7.0	U	7.6	U	ND	-	13	ND	-	560	ND	-	600
1,1-Dichloropropene				-	-	-	-	-	-	-	-	ND	-	13	ND	-	560	ND	-	600
1,2,3-Trichlorobenzene				-	-	-	-	-	-	-	-	ND	-	25	ND	-	1,100	ND	-	1,200
1,2,3-Trichloropropane				-	-	-	-	-	-	-	-	ND	-	13	ND	-	560	ND	-	600
1,2,4,5-Tetramethylbenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene				3.8	U	4.2	U	3.7	U	4.1	U	ND	-	25	ND	-	1,100	ND	-	1,200
1,2,4-Trimethylbenzene	3,600	52,000	190,000	-	-	-	-	-	-	-	-	ND	-	13	ND	-	560	ND	-	600
1,2-Dibromo-3-chloropropane				3.3	U	3.6	U	3.2	U	3.5	U	ND	-	25	ND	-	1,100	ND	-	1,200
1,2-Dibromomethane				19	U	21	U	66	U	21	U	ND	-	13	ND	-	560	ND	-	600
1,2-Dichlorobenzene	1,100	100,000	100,000	2.1	U	2.3	U	**2.1**	J	2.2	U	ND	-	13	ND	-	560	ND	-	600
1,2-Dichloroethane	20	3,100	3,100	2.1	U	2.3	U	2.1	U	2.2	U	ND	-	13	ND	-	560	ND	-	600
Dichloroethylenes				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane				5.0	U	5.4	U	4.9	U	5.3	U	ND	-	13	ND	-	560	ND	-	600
1,3,5-Trimethylbenzene	8,400	52,000	190,000	-	-	-	-	-	-	-	-	ND	-	13	ND	-	560	ND	-	600
1,3-Dichlorobenzene	2,400	49,000	280,000	11	U	11	U	10	U	11	U	ND	-	13	ND	-	560	ND	-	600
1,3-Dichloropropane				-	-	-	-	-	-	-	-	ND	-	13	ND	-	560	ND	-	600
1,4-Dichlorobenzene	1,800	13,000	130,000	3.7	U	4.0	U	3.6	U	3.9	U	ND	-	13	ND	-	560	ND	-	600
1,4-Diethyl Benzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	100	13,000	130,000	-	-	-	-	-	-	-	-	ND	-	130	ND	-	5,600	ND	R	6,000
2,2-Dichloropropane				-	-	-	-	-	-	-	-	ND	-	13	ND	-	560	ND	-	600
Methyl Ethyl Ketone (2-Butanone)	120	100,000	500,000	1.6	U	1.7	U	1.5	U	1.6	U	ND	-	25	ND	-	1,100	ND	-	1,200
2-Chlorotoluene				-	-	-	-	-	-	-	-	ND	-	13	ND	-	560	ND	-	600
2-Hexanone (Methyl Butyl Ketone)				1.9	U	2.0	U	1.8	U	2.0	U	NA	-	-	NA	-	-	NA	-	-
2-Isopropyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene				-	-	-	-	-	-	-	-	ND	-	13	ND	-	560	ND	-	600
4-Ethyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone				16	U	18	U	16	U	17	U	NA	-	-	NA	-	-	NA	-	-
Acetone	50	100,000	500,000	2.6	U	2.8	U	2.5	U	2.7	U	**49**	B	25	**16**	B-dil, B	11	**1,100**	J	1,200
Acrolein				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	60	4,800	44,000	1.9	U	2.0	U	1.8	U	2.0	U	ND	-	13	ND	-	560	ND	-	600
Bromobenzene				-	-	-	-	-	-	-	-	ND	-	13	ND	-	560	ND	-	600
Bromochloromethane				-	-	-	-	-	-	-	-	ND	-	13	ND	-	560	ND	-	600
Bromodichloromethane				2.0	U	2.2	U	2.0	U	2.1	U	ND	-	13	ND	-	560	ND	-	600
Bromoform				2.4	U	2.6	U	2.4	U	2.6	U	ND	-	13	ND	-	560	ND	-	600
Bromomethane				2.4	U	2.6	U	2.4	U	2.6	U	ND	-	13	**290**	J	560	ND	-	600
Carbon Disulfide				2.3	U	2.5	U	2.2	U	2.4	U	NA	-	-	NA	-	-	NA	-	-
Carbon tetrachloride	760	2,400	22,000	1.8	U	1.9	U	1.7	U	1.9	U	ND	-	13	ND	-	560	ND	-	600
Chlorobenzene	1,100	100,000	500,000	**250**	-	1.9	U	1.7	U	1.9	U	ND	-	13	ND	-	560	ND	-	600
Chloroethane				2.3	U	2.5	U	2.2	U	2.4	U	ND	-	13	ND	-	560	ND	-	600
Chloroform	370	49,000	350,000	1.9	U	2.1	U	1.9	U	2.0	U	ND	-	13	ND	-	560	ND	-	600
Chloromethane				11	U	12	U	11	U	12	U	ND	-	13	ND	-	560	ND	-	600
cis-1,2-Dichloroethene	250	100,000	500,000	2.3	U	2.5	U	2.3	U	2.5	U	ND	-	13	ND	-	560	ND	-	600
cis-1,3-Dichloropropene				2.1	U	2.3	U	2.0	U	2.2	U	ND	-	13	ND	-	560	ND	-	600
Cyclohexane				1.9	U	2.1	U	1.9	U	2.0	U	-	-	-	-	-	-	-	-	-
Cymene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane				1.7	U	1.8	U	1.7	U	1.8	U	ND	-	13	ND	-	560	ND	-	600
Dibromomethane				-	-	-	-	-	-	-	-	ND	-	13	ND	-	560	ND	-	600
Dichlorodifluoromethane				21	U	23	U	20	U	22	U	ND	-	13	ND	-	560	ND	-	600
Diethyl Ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	1,000	41,000	390,000	1.3	U	1.4	U	1.3	U	1.4	U	ND	-	13	ND	-	560	**260**	J	600
Hexachlorobutadiene				-	-	-	-	-	-	-	-	ND	-	13	ND	-	560	ND	-	600
Isopropylbenzene				2.3	U	2.5	U	2.3	U	2.5	U	ND	-	13	ND	-	560	**250**	J	600
m&p-Xylenes	260	100,000	500,000	4.2	U	4.6	U	4.1	U	4.5	U	ND	-	25	ND	-	1,100	ND	-	1,200
Methyl Acetate				2.1	U	2.3	U	2.0	U	2.2	U	-	-	-	-	-	-	-	-	-
Methyl t-butyl ether (MTBE)	930	100,000	500,000	2.0	U	2.2	U	2.0	U	2.2	U	ND	-	13	ND	-	560	ND	-	600
Methylcyclohexane				5.0	U	5.4	U	4.9	U	5.3	U	-	-	-	-	-	-	-	-	-
Methylene chloride	50	100,000	500,000	2.2	U	2.4	U	2.2	U	2.3	U	**23**	J,B	25	**8.1**	B-dil, J, B	11	**2.3**	B-DIL,J,B	12
Naphthalene	12,000	100,000	500,000	-	-	-	-	-	-	-	-	ND	-	25	ND	-	1,100	**2,900**	-	1,200
n-Butylbenzene				-	-	-	-	-	-	-	-	ND	-	13	ND	-	560	**450**	J	600
n-Propylbenzene	3,900	100,000	500,000	-	-	-	-	-	-	-	-	ND	-	13	ND	-	560	**440**	J	600
o-Xylene	260	100,000	500,000	2.7	U	2.9	U	2.6	U	2.8	U	ND	-	13	ND	-	560	**130**	J	600
p-Isopropyltoluene				-	-	-	-	-	-	-	-	ND	-	13	ND	-	560	ND	-	600
sec-Butylbenzene	11,000	100,000	500,000	-	-	-	-	-	-	-	-	ND	-	13	ND	-	560	**330**	J	600
Styrene				1.8	U	1.9	U	1.7	U	1.9	U	ND	-	13	ND	-	560	ND	-	600
t-1,3-Dichloropropene				2.4	U	2.6	U	2.3	U	2.5	U	-	-	-	-	-	-	-	-	-
Tert-butyl alcohol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5,900	100,000	500,000	-	-	-	-	-	-	-	-	ND	-	13	ND	-	560	ND	-	600
tert-Buyl methyl ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1,300	19,000	150,000	1.8	U	2.0	U	1.7	U	1.9	U	ND	-	13	ND	-	560	ND	-	600
Tetrahydrofuran (THF)				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	700	100,000	500,000	3.2	U	3.5	U	3.1	U	3.4	U	ND	-	13	ND	-	560	ND	-	600
trans-1,2-Dichloroethene	190	100,000	500,000	3.1	U	3.4	U	3.1	U	3.3	U	ND	-	13	ND	-	560	ND	-	600
trans-1,3-Dichloropropene				-	-	-	-	-	-	-	-	ND	-	13	ND	-	560	ND	-	600
trabs-1,4-dichloro-2-butene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	470	21,000	200,000	2.2	U	2.4	U	2.2	U	2.4	U	**2.4**	J	13	ND	-	560	ND	-	600
Trichlorofluoromethane				5.4	U	5.9	U	5.3	U	5.8	U	ND	-	13	ND	-	560	ND	-	600
Trichlorotrifluoroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate				-	-	-	-	-	-	-	-	NA	-	-	NA	-	-	NA	-	-
Vinyl Chloride	20	900	13,000	3.9	U	4.3	U	3.8	U	4.2	U	ND	-	13	ND	-	1,700	ND	-	1,800
Total VOCs Concentration				**250**		**0**		**2.1**		**0**		**74.4**			**25.1**			**5,862.30**		

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Restricted Restidential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Commercial Guidance Value

Qualifiers

U - The compound was not detected at the indicated concentration.

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B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 2
Laboratory Results - Soil
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Commercial Cleanup Objectives*	Ecosystems Strategies - Remedial Investigation Report - July 2015														
				MW-40						SB-77A			SB-78A			2SB-7		
				9/24/2014 (0-5') Lot 40 µg/Kg			9/24/2014 (15-20') Lot 40 µg/Kg			4/19/2012 (8-12') Lot 17 µg/Kg			4/19/2012 (8-12') Lot 17 µg/Kg			8/1/2013 (10-15') Lot 17 µg/Kg		
				Result	Flag	RL	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL	MDL	Result	RL
1,1,1-Trichloroethane	680	100,000	500,000	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
1,1,1,2-Tetrachlorothane				NA	-	-	NA	-	-	ND	-	13	ND	-	12	ND	-	5
1,1,2,2-Tetrachloroethane				ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
1,1,2-Trichloroethane				ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
1,1,2-Trichlorotrifluoroethane				ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
1,1-Dichloroethane	270	26,000	240,000	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
1,1-Dichloroethene	330	100,000	500,000	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
1,1-Dichloropropene				NA	-	-	NA	-	-	ND	-	13	ND	-	12	ND	-	5
1,2,3-Trichlorobenzene				NA	-	-	NA	-	-	ND	-	26	ND	-	24	ND	-	5
1,2,3-Trichloropropane				NA	-	-	NA	-	-	ND	-	13	ND	-	12	ND	-	5
1,2,4,5-Tetramethylbenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene				ND	-	6.2	ND	-	15	ND	-	26	ND	-	24	ND	-	5
1,2,4-Trimethylbenzene	3,600	52,000	190,000	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
1,2-Dibromo-3-chloropropane				ND	-	6.2	ND	-	15	ND	-	26	ND	-	24	ND	-	5
1,2-Dibromomethane				ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
1,2-Dichlorobenzene	1,100	100,000	100,000	NA	-	-	NA	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	20	3,100	3,100	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
Dichloroethylenes				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane				ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
1,3,5-Trimethylbenzene	8,400	52,000	190,000	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
1,3-Dichlorobenzene	2,400	49,000	280,000	NA	-	-	NA	-	-	ND	-	13	ND	-	12	ND	-	5
1,3-Dichloropropane				NA	-	-	NA	-	-	ND	-	13	ND	-	12	ND	-	5
1,4-Dichlorobenzene	1,800	13,000	130,000	NA	-	-	NA	-	-	ND	-	13	ND	-	12	ND	-	5
1,4-Diethyl Benzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	100	13,000	130,000	NA	-	-	NA	-	-	ND	-	130	ND	-	120	ND	-	100
2,2-Dichloropropane				NA	-	-	NA	-	-	ND	-	13	ND	-	12	ND	-	5
Methyl Ethyl Ketone (2-Butanone)	120	100,000	500,000	ND	-	6.2	ND	-	15	ND	-	26	ND	-	24	ND	-	5
2-Chlorotoluene				NA	-	-	NA	-	-	ND	-	13	ND	-	12	ND	-	5
2-Hexanone (Methyl Butyl Ketone)				ND	-	6.2	ND	-	15	NA	-	-	NA	-	-	NA	-	-
2-Isopropyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene				NA	-	-	NA	-	-	ND	-	13	ND	-	12	ND	-	5
4-Ethyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone				ND	-	6.2	ND	-	15	NA	-	-	NA	-	-	NA	-	-
Acetone	50	100,000	500,000	**24**	CCV-E	12	**140**	-	31	**25**	J,B	26	**22**	J,B	24	**2.6**	J,B	10
Acrolein				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	60	4,800	44,000	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
Bromobenzene				NA	-	-	NA	-	-	ND	-	13	ND	-	12	ND	-	5
Bromochloromethane				ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
Bromodichloromethane				ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
Bromoform				ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
Bromomethane				ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
Carbon Disulfide				-	-	-	-	-	-	NA	-	-	NA	-	-	NA	-	-
Carbon tetrachloride	760	2,400	22,000	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
Chlorobenzene	1,100	100,000	500,000	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
Chloroethane				ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
Chloroform	370	49,000	350,000	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
Chloromethane				ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
cis-1,2-Dichloroethene	250	100,000	500,000	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
cis-1,3-Dichloropropene				ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
Cyclohexane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane				ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
Dibromomethane				NA	-	-	NA	-	-	ND	-	13	ND	-	12	ND	-	5
Dichlorodifluoromethane				ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
Diethyl Ether				-	-	-	-	-	-	ND	-	13	ND	-	12	ND	-	5
Ethylbenzene	1,000	41,000	390,000	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
Hexachlorobutadiene				NA	-	-	NA	-	-	ND	-	13	ND	-	12	ND	-	5
Isopropylbenzene				NA	-	-	NA	-	-	ND	-	13	ND	-	12	ND	-	5
m&p-Xylenes	260	100,000	500,000	ND	-	12	ND	-	31	ND	-	26	ND	-	24	ND	-	10
Methyl Acetate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl t-butyl ether (MTBE)	930	100,000	500,000	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
Methylcyclohexane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	50	100,000	500,000	ND	-	12	ND	-	31	**22**	J,B	26	**20**	J,B	24	ND	-	10
Naphthalene	12,000	100,000	500,000	ND	-	12	ND	-	31	ND	-	26	ND	-	24	ND	-	10
n-Butylbenzene				ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
n-Propylbenzene	3,900	100,000	500,000	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
o-Xylene	260	100,000	500,000	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
p-Isopropyltoluene				NA	-	-	NA	-	-	ND	-	13	ND	-	12	ND	-	5
sec-Butylbenzene	11,000	100,000	500,000	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
Styrene				ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
t-1,3-Dichloropropene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-butyl alcohol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5,900	100,000	500,000	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
tert-Buyl methyl ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1,300	19,000	150,000	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
Tetrahydrofuran (THF)				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	700	100,000	500,000	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
trans-1,2-Dichloroethene	190	100,000	500,000	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
trans-1,3-Dichloropropene				ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
trabs-1,4-dichloro-2-butene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	470	21,000	200,000	**7.6**	-	6.2	**56**	-	15	ND	-	13	ND	-	12	**4.1**	J	5
Trichlorofluoromethane				ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
Trichlorotrifluoroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate				NA	-	-	NA	-	-	NA	-	-	NA	-	-	ND	-	5
Vinyl Chloride	20	900	13,000	ND	-	6.2	ND	-	15	ND	-	13	ND	-	12	ND	-	5
Total VOCs Concentration				**31.6**			**196**			**47**			**42**			**6.7**		

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Restricted Restidential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Commercial Guidance Value

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 2
Laboratory Results - Soil
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Commercial Cleanup Objectives*	Ecosystems Strategies - RIR - July 2015						Goldberg Zoino & Associates - Remedial Investigation - December 2016											
				2SB-8			2SB-11			SB-101						SB-102					
				8/1/2013			8/1/2013			2/12/2016						2/12/2016					
				(10-15')			(10-15')			(0-2')		(5-7')		(10-12')		(0-2')		(5-7')		(10-12')	
				Lot 17			Lot 17			Lot 57						Lot 17					
				µg/Kg			µg/Kg			µg/Kg						µg/Kg					
				MDL	Result	RL	MDL	Result	RL	Result	Qual	Result	Qual	Result	Qual	Result	RL	Result	RL	Result	RL
1,1,1-Trichloroethane	680	100,000	500,000	ND	-	6.4	ND	-	5	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
1,1,1,2-Tetrachlorothane				ND	-	6.4	ND	-	5	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
1,1,2,2-Tetrachloroethane				ND	-	6.4	ND	-	5	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
1,1,2-Trichloroethane				ND	-	6.4	ND	-	5	1.7	U	1.6	U	1.7	U	1.8	U	1.7	U	1.7	U
1,1,2-Trichlorotrifluoroethane				ND	-	6.4	ND	-	5	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	270	26,000	240,000	ND	-	6.4	ND	-	5	1.7	U	1.6	U	1.7	U	1.8	U	1.7	U	1.7	U
1,1-Dichloroethene	330	100,000	500,000	ND	-	6.4	ND	-	5	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
1,1-Dichloropropene				ND	-	6.4	ND	-	5	5.8	U	5.2	U	5.6	U	6	U	5.6	U	5.6	U
1,2,3-Trichlorobenzene				ND	-	6.4	ND	-	5	5.8	U	5.2	U	5.6	U	6	U	5.6	U	5.6	U
1,2,3-Trichloropropane				ND	-	6.4	ND	-	5	12	U	10	U	11	U	12	U	11	U	11	U
1,2,4,5-Tetramethylbenzene				-	-	-	-	-	-	4.6	U	4.2	U	4.5	U	4.8	U	4.5	U	4.5	U
1,2,4-Trichlorobenzene				ND	-	6.4	ND	-	5	5.8	U	5.2	U	5.6	U	6	U	5.6	U	5.6	U
1,2,4-Trimethylbenzene	3,600	52,000	190,000	ND	-	6.4	ND	-	5	5.8	U	5.2	U	5.6	U	6	U	5.6	U	5.6	U
1,2-Dibromo-3-chloropropane				ND	-	6.4	ND	-	5	5.8	U	5.2	U	5.6	U	6	U	5.6	U	5.6	U
1,2-Dibromomethane				ND	-	6.4	ND	-	5	4.6	U	4.2	U	4.5	U	4.8	U	4.5	U	4.5	U
1,2-Dichlorobenzene	1,100	100,000	100,000	-	-	-	-	-	-	5.8	U	5.2	U	5.6	U	6	U	5.6	U	5.6	U
1,2-Dichloroethane	20	3,100	3,100	ND	-	6.4	ND	-	5	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
Dichloroethylenes				-	-	-	-	-	-	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
1,2-Dichloropropane				ND	-	6.4	ND	-	5	4	U	3.7	U	3.9	U	4.2	U	3.9	U	4	U
1,3,5-Trimethylbenzene	8,400	52,000	190,000	ND	-	6.4	ND	-	5	5.8	U	5.2	U	5.6	U	6.0	U	5.6	U	5.6	U
1,3-Dichlorobenzene	2,400	49,000	280,000	ND	-	6.4	ND	-	5	5.8	U	5.2	U	5.6	U	6.0	U	5.6	U	5.6	U
1,3-Dichloropropane				ND	-	6.4	ND	-	5	5.8	U	5.2	U	5.6	U	6.0	U	5.6	U	5.6	U
1,4-Dichlorobenzene	1,800	13,000	130,000	ND	-	6.4	ND	-	5	5.8	U	5.2	U	5.6	U	6.0	U	5.6	U	5.6	U
1,4-Diethyl Benzene				-	-	-	-	-	-	4.6	U	4.2	U	4.5	U	4.8	U	4.5	U	4.5	U
1,4-Dioxane	100	13,000	130,000	ND	-	130	ND	-	100	120	U	100	U	110	U	120	U	110	U	110	U
2,2-Dichloropropane				ND	-	6.4	ND	-	5	5.8	U	5.2	U	5.6	U	6	U	5.6	U	5.6	U
Methyl Ethyl Ketone (2-Butanone)	120	100,000	500,000	ND	-	6.4	ND	-	5	12	U	10	U	11	U	12	U	11	U	11	U
2-Chlorotoluene				ND	-	6.4	ND	-	5	5.8	U	5.2	U	11	U	6	U	5.6	U	5.6	U
2-Hexanone (Methyl Butyl Ketone)				NA	-	-	NA	-	-	12	U	10	U	-	U	12	U	11	U	11	U
2-Isopropyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene				ND	-	6.4	ND	-	5	5.8	U	5.2	U	5.6	U	6	U	5.6	U	5.6	U
4-Ethyltoluene				-	-	-	-	-	-	4.6	U	4.2	U	4.5	U	4.8	U	4.5	U	4.5	U
4-Methyl-2-Pentanone				NA	-	-	NA	-	-	12	U	10	U	11	U	12	U	11	U	11	U
Acetone	50	100,000	500,000	ND	-	13	ND	-	10	**3.6**	J	**5.2**	J	16	-	2.7	J	**2.2**	J	3.4	J
Acrolein				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile				-	-	-	-	-	-	12	U	10	U	11	U	12	U	11	U	11	U
Benzene	60	4,800	44,000	ND	-	6.4	ND	-	5	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
Bromobenzene				ND	-	6.4	ND	-	5	5.8	U	5.2	U	5.6	U	6	U	5.6	U	5.6	U
Bromochloromethane				ND	-	6.4	ND	-	5	5.8	U	5.2	U	5.6	U	6	U	5.6	U	5.6	U
Bromodichloromethane				ND	-	6.4	ND	-	5	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
Bromoform				ND	-	6.4	ND	-	5	4.6	U	4.2	U	4.5	U	4.8	U	4.5	U	4.5	U
Bromomethane				ND	-	6.4	ND	-	5	2.3	U	2.1	U	2.2	U	2.4	U	2.2	U	2.3	U
Carbon Disulfide				NA	-	-	NA	-	-	12	U	10	U	11	U	12	U	11	U	11	U
Carbon tetrachloride	760	2,400	22,000	ND	-	6.4	ND	-	5	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
Chlorobenzene	1,100	100,000	500,000	ND	-	6.4	ND	-	5	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
Chloroethane				ND	-	6.4	ND	-	5	2.3	U	2.1	U	2.2	U	2.4	U	2.2	U	2.3	U
Chloroform	370	49,000	350,000	ND	-	6.4	ND	-	5	1.7	U	1.6	U	1.7	U	1.8	U	1.7	U	1.7	U
Chloromethane				ND	-	6.4	ND	-	5	5.8	U	5.2	U	5.6	U	6	U	5.6	U	5.6	U
cis-1,2-Dichloroethene	250	100,000	500,000	ND	-	6.4	ND	-	5	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
cis-1,3-Dichloropropene				ND	-	6.4	ND	-	5	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
Cyclohexane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene				-	-	-	-	-	-	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
Dibromochloromethane				ND	-	6.4	ND	-	5	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
Dibromomethane				ND	-	6.4	ND	-	5	12	U	10	U	11	U	12	U	11	U	11	U
Dichlorodifluoromethane				ND	-	6.4	ND	-	5	12	U	10	U	11	U	12	U	11	U	11	U
Diethyl Ether				ND	-	6.4	ND	-	5	5.8	U	5.2	U	5.6	U	6	U	5.6	U	5.6	U
Ethylbenzene	1,000	41,000	390,000	ND	-	6.4	ND	-	5	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
Hexachlorobutadiene				ND	-	6.4	ND	-	5	5.8	U	5.2	U	5.6	U	6	U	5.6	U	5.6	U
Isopropylbenzene				ND	-	6.4	ND	-	5	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
m&p-Xylenes	260	100,000	500,000	ND	-	13	ND	-	10	2.3	U	2.1	U	2.2	U	2.4	U	2.2	U	2.3	U
Methyl Acetate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl t-butyl ether (MTBE)	930	100,000	500,000	ND	-	6.4	ND	-	5	-	-	-	-	-	-	-	-	-	-	-	-
Methylcyclohexane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	50	100,000	500,000	ND	-	13	ND	-	10	12	U	10	U	11	U	12	U	11	U	11	U
Naphthalene	12,000	100,000	500,000	ND	-	13	ND	-	10	5.8	U	5.2	U	5.6	U	6	U	5.6	U	5.6	U
n-Butylbenzene				ND	-	6.4	ND	-	5	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
n-Propylbenzene	3,900	100,000	500,000	ND	-	6.4	ND	-	5	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
o-Xylene	260	100,000	500,000	ND	-	6.4	ND	-	5	2.3	U	2.1	U	2.2	U	2.4	U	2.2	U	2.3	U
p-Isopropyltoluene				ND	-	6.4	ND	-	5	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	11,000	100,000	500,000	ND	-	6.4	ND	-	5	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
Styrene				ND	-	6.4	ND	-	5	2.3	U	2.1	U	2.2	U	2.4	U	2.2	U	2.3	U
t-1,3-Dichloropropene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-butyl alcohol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5,900	100,000	500,000	ND	-	6.4	ND	-	5	5.8	U	5.2	U	5.6	U	6	U	5.6	U	5.6	U
tert-Buyl methyl ether				-	-	-	-	-	-	2.3	U	2.1	U	2.2	U	2.4	U	2.2	U	2.3	U
Tetrachloroethene	1,300	19,000	150,000	ND	-	6.4	ND	-	5	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
Tetrahydrofuran (THF)				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	700	100,000	500,000	ND	-	6.4	ND	-	5	1.7	U	**0.22**	J	1.7	U	1.8	U	1.7	U	1.7	U
trans-1,2-Dichloroethene	190	100,000	500,000	ND	-	6.4	ND	-	5	1.7	U	1.6	U	1.7	U	1.8	U	1.7	U	1.7	U
trans-1,3-Dichloropropene				ND	-	6.4	ND	-	5	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
trabs-1,4-dichloro-2-butene				-	-	-	-	-	-	5.8	U	5.2	U	5.6	U	6	U	5.6	U	5.6	U
Trichloroethene	470	21,000	200,000	ND	-	6.4	**5.5**	-	5	1.2	U	1	U	1.1	U	1.2	U	1.1	U	1.1	U
Trichlorofluoromethane				ND	-	6.4	ND	-	5	5.8	U	5.2	U	5.6	U	6	U	5.6	U	5.6	U
Trichlorotrifluoroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate				ND	-	6.4	ND	-	5	12	U	10	U	11	U	12	U	11	U	11	U
Vinyl Chloride	20	900	13,000	ND	-	6.4	ND	-	5	2.3	U	2.1	U	2.2	U	2.4	U	2.2	U	2.3	U
Total VOCs Concentration					**0**			**8.1**			**3.6**		**5.2**		**0**		**0**		**2.2**		**0**

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Restricted Restidential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Commercial Guidance Value

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 2
Laboratory Results - Soil
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Commercial Cleanup Objectives*	Goldberg Zoino & Associates - Remedial Investigation - December 2016															
				SB-103						SB-104						SB-105			
				2/12/2016						2/11/2016						2/11/2016			
				(0-2')		(4-6')		(10-12')		(0-2')		(5-7')		(10-12')		(0-2')		(10-12')	
				Lot 57						Lot 57						Lot 57			
				µg/Kg						µg/Kg						µg/Kg			
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1-Trichloroethane	680	100,000	500,000	1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
1,1,1,2-Tetrachlorothane				1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
1,1,2,2-Tetrachloroethane				1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
1,1,2-Trichloroethane				1.7	U	1.6	U	6.6	U	1.7	U	1.5	U	1.7	U	1.8	U	1.6	U
1,1,2-Trichlorotrifluoroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	270	26,000	240,000	1.7	U	1.6	U	6.6	U	1.7	U	1.5	U	1.7	U	1.8	U	1.6	U
1,1-Dichloroethene	330	100,000	500,000	1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
1,1-Dichloropropene				5.8	U	5.5	U	22	U	5.6	U	5	U	5.6	U	6	U	5.2	U
1,2,3-Trichlorobenzene				5.8	U	5.5	U	22	U	5.6	U	5	U	5.6	U	6	U	5.2	U
1,2,3-Trichloropropane				12	U	11	U	44	U	11	U	10	U	11	U	12	U	10	U
1,2,4,5-Tetramethylbenzene				4.6	U	4.4	U	18	U	4.5	U	4	U	4.5	U	4.8	U	4.1	U
1,2,4-Trichlorobenzene				5.8	U	5.5	U	22	U	5.6	U	5	U	5.6	U	6	U	5.2	U
1,2,4-Trimethylbenzene	3,600	52,000	190,000	5.8	U	5.5	U	22	U	5.6	U	5	U	5.6	U	6	U	5.2	U
1,2-Dibromo-3-chloropropane				5.8	U	5.5	U	22	U	5.6	U	5	U	5.6	U	6	U	5.2	U
1,2-Dibromomethane				4.6	U	4.4	U	18	U	4.5	U	4	U	4.5	U	4.8	U	4.1	U
1,2-Dichlorobenzene	1,100	100,000	100,000	5.8	U	5.5	U	22	U	5.6	U	5	U	5.6	U	6	U	5.2	U
1,2-Dichloroethane	20	3,100	3,100	1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
Dichloroethylenes				1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
1,2-Dichloropropane				4	U	3.8	U	15	U	3.9	U	3.5	U	4	U	4.2	U	3.6	U
1,3,5-Trimethylbenzene	8,400	52,000	190,000	5.8	U	5.5	U	22	U	5.6	U	5	U	5.6	U	6	U	5.2	U
1,3-Dichlorobenzene	2,400	49,000	280,000	5.8	U	5.5	U	22	U	5.6	U	5	U	5.6	U	6	U	5.2	U
1,3-Dichloropropane				5.8	U	5.5	U	22	U	5.6	U	5	U	5.6	U	6	U	5.2	U
1,4-Dichlorobenzene	1,800	13,000	130,000	5.8	U	5.5	U	22	U	5.6	U	5	U	5.6	U	6	U	5.2	U
1.4-Diethyl Benzene				4.6	U	4.4	U	18	U	4.5	U	4	U	4.5	U	4.8	U	4.1	U
1,4-Dioxane	100	13,000	130,000	120	U	110	U	440	U	110	U	100	U	110	U	120	U	100	U
2,2-Dichloropropane				5.8	U	5.5	U	22	U	5.6	U	5.	U	5.6	U	6	U	5.2	U
Methyl Ethyl Ketone (2-Butanone)	120	100,000	500,000	12	U	11	U	44	U	11	U	10	U	11	U	3.5	U	10	U
2-Chlorotoluene				5.8	U	5.5	U	22	U	5.6	U	5	U	5.6	U	6	U	5.2	U
2-Hexanone (Methyl Butyl Ketone)				12	U	11	U	44	U	11	U	10	U	11	U	12	U	10	U
2-Isopropyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene				5.8	U	5.5	U	22	U	5.6	U	5	U	5.6	U	6	U	5.2	U
4-Ethyltoluene				4.6	U	4.4	U	18	U	4.5	U	4	U	4.5	U	4.8	U	4.1	U
4-Methyl-2-Pentanone				12	U	11	U	44	U	11	U	10	U	11	U	12	U	10	U
Acetone	50	100,000	500,000	18	U	**13**	U	**22**	J	2.8	U	3.1	U	10	U	36	U	**4.4**	J
Acrolein				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile				12	U	11	U	44	U	11	U	10	U	11	U	12	U	10	U
Benzene	60	4,800	44,000	1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
Bromobenzene				5.8	U	5.5	U	22	U	5.6	U	5	U	5.6	U	6	U	5.2	U
Bromochloromethane				5.8	U	5.5	U	22	U	5.6	U	5	U	5.6	U	6	U	5.2	U
Bromodichloromethane				1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
Bromoform				4.6	U	4.4	U	18	U	4.5	U	4	U	4.5	U	4.8	U	4.1	U
Bromomethane				2.3	U	2.2	U	8.8	U	2.2	U	2	U	2.3	U	2.4	U	2.4	U
Carbon Disulfide				12	U	11	U	44	U	11	U	10	U	11	U	12	U	10	U
Carbon tetrachloride	760	2,400	22,000	1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
Chlorobenzene	1,100	100,000	500,000	1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
Chloroethane				2.3	U	2.2	U	8.8	U	2.2	U	2	U	2.3	U	2.4	U	2.4	U
Chloroform	370	49,000	350,000	1.7	U	1.6	U	6.6	U	1.7	U	1.5	U	1.5	U	1.8	U	1.6	U
Chloromethane				5.8	U	5.5	U	22	U	5.6	U	5.	U	5.6	U	6	U	5.2	U
cis-1,2-Dichloroethene	250	100,000	500,000	1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
cis-1,3-Dichloropropene				1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
Cyclohexane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene				1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
Dibromochloromethane				1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
Dibromomethane				12	U	11	U	44	U	11	U	10	U	11	U	12	U	10	U
Dichlorodifluoromethane				12	U	11	U	44	U	11	U	10	U	11	U	12	U	10	U
Diethyl Ether				5.8	U	5.5	U	22	U	5.6	U	5.	U	5.6	U	6	U	5.2	U
Ethylbenzene	1,000	41,000	390,000	1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
Hexachlorobutadiene				5.8	U	5.5	U	22	U	5.6	U	5.	U	5.6	U	6	U	5.2	U
Isopropylbenzene				1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
m&p-Xylenes	260	100,000	500,000	2.3	U	2.2	U	2.2	U	2.2	U	2	U	2.3	U	2.4	U	2.1	U
Methyl Acetate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl t-butyl ether (MTBE)	930	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylcyclohexane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	50	100,000	500,000	12	U	11	U	44	U	11	U	10	U	11	U	12	U	10	U
Naphthalene	12,000	100,000	500,000	5.8	U	**0.29**	J	22	U	5.6	U	5	U	5.6	U	6	U	5.2	U
n-Butylbenzene				1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
n-Propylbenzene	3,900	100,000	500,000	1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
o-Xylene	260	100,000	500,000	2.3	U	2.2	U	**1.1**	J	2.2	U	2	U	2.3	U	2.4	U	2.1	U
p-Isopropyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	11,000	100,000	500,000	1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
Styrene				2.3	U	2.2	U	8.8	U	2.2	U	2	U	2.3	U	2.4	U	2.1	U
t-1,3-Dichloropropene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-butyl alcohol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5,900	100,000	500,000	5.8	U	5.5	U	22	U	5.6	U	5	U	5.6	U	6	U	5.2	U
tert-Buyl methyl ether				2.3	U	2.2	U	8.8	U	2.2	U	2	U	2.3	U	2.4	U	2.1	U
Tetrachloroethene	1,300	19,000	150,000	1.2	U	1.1	U	4.4	U	1.1	U	5	U	1.1	U	1.2	U	1	U
Tetrahydrofuran (THF)				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	700	100,000	500,000	0.23	U	0.36	U	1.1	U	0.24	U	0.25	U	0.60	U	1.8	U	1.6	U
trans-1,2-Dichloroethene	190	100,000	500,000	1.7	U	1.6	U	6.6	U	1.7	U	1.5	U	1.7	U	1.8	U	1.6	U
trans-1,3-Dichloropropene				1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
trabs-1,4-dichloro-2-butene				5.8	U	5.5	U	22	U	5.6	U	5	U	5.6	U	6	U	5.2	U
Trichloroethene	470	21,000	200,000	1.2	U	1.1	U	4.4	U	1.1	U	1	U	1.1	U	1.2	U	1	U
Trichlorofluoromethane				5.8	U	5.5	U	22	U	5.6	U	5	U	5.6	U	6	U	5.2	U
Trichlorotrifluoroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate				12	U	11	U	44	U	11	U	10	U	11	U	12	U	10	U
Vinyl Chloride	20	900	13,000	2.3	U	2.2	U	8.8	U	2.2	U	2	U	2.3	U	2.4	U	2.1	U
Total VOCs Concentration				**0**		**13**		**23.1**		**0**		**40**		**0**		**0**		**4.4**	

Notes:
* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC Restricted Restidential SCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC Commercial Guidance Value

Qualifiers
U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
NR - Not analyzed

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
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Table 2
Laboratory Results - Soil
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Commercial Cleanup Objectives*	Goldberg Zoino & Associates - Remedial Investigation - December 2016													
				SB-106				SB-107				SB-108					
				2/11/2016				2/11/2016				2/11/2016					
				(0-2')		(10-12')		(0-2')		(10-12')		(0-2')		(4-6')		(10-12')	
				Lot 57				Lot 57				Lot 57					
				µg/Kg				µg/Kg				µg/Kg					
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1-Trichloroethane	680	100,000	500,000	1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
1,1,1,2-Tetrachlorothane				1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
1,1,2,2-Tetrachloroethane				1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
1,1,2-Trichloroethane				1.7	U	1.9	U	1.6	U	1.6	U	1.7	U	1.6	U	1.6	U
1,1,2-Trichlorotrifluoroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	270	26,000	240,000	1.7	U	1.9	U	1.6	U	1.6	U	1.7	U	1.6	U	1.6	U
1,1-Dichloroethene	330	100,000	500,000	1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
1,1-Dichloropropene				5.8	U	6.2	U	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
1,2,3-Trichlorobenzene				5.8	U	6.2	U	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
1,2,3-Trichloropropane				12	U	12	U	11	U	11	U	11	U	11	U	11	U
1,2,4,5-Tetramethylbenzene				4.7	U	5	U	4.4	U	4.3	U	4.5	U	4.3	U	4.4	U
1,2,4-Trichlorobenzene				5.8	U	6.2	U	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
1,2,4-Trimethylbenzene	3,600	52,000	190,000	5.8	U	6.2	U	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
1,2-Dibromo-3-chloropropane				5.8	U	6.2	U	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
1,2-Dibromomethane				4.7	U	5	U	4.4	U	4.3	U	4.5	U	4.3	U	4.4	U
1,2-Dichlorobenzene	1,100	100,000	100,000	5.8	U	6.2	U	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
1,2-Dichloroethane	20	3,100	3,100	1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Dichloroethylenes				1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
1,2-Dichloropropane				4.1	U	4.3	U	3.8	U	3.8	U	4	U	3.8	U	3.8	U
1,3,5-Trimethylbenzene	8,400	52,000	190,000	5.8	U	6.2	U	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
1,3-Dichlorobenzene	2,400	49,000	280,000	5.8	U	6.2	U	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
1,3-Dichloropropane				5.8	U	6.2	U	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
1,4-Dichlorobenzene	1,800	13,000	130,000	5.8	U	6.2	U	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
1.4-Diethyl Benzene				4.7	U	5	U	4.4	U	4.3	U	4.5	U	4.3	U	4.4	U
1,4-Dioxane	100	13,000	130,000	120	U	120	U	110	U	110	U	110	U	110	U	110	U
2,2-Dichloropropane				5.8	U	6.2	U	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
Methyl Ethyl Ketone (2-Butanone)	120	100,000	500,000	12	U	12	U	11	U	11	U	11	U	11	U	11	U
2-Chlorotoluene				5.8	U	6.2	U	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
2-Hexanone (Methyl Butyl Ketone)				12	U	12	U	11	U	11	U	11	U	11	U	11	U
2-Isopropyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene				5.8	U	6.2	U	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
4-Ethyltoluene				4.7	U	5	U	4.4	U	4.3	U	4.5	U	4.3	U	4.4	U
4-Methyl-2-Pentanone				12	U	12	U	11	U	11	U	11	U	11	U	11	U
Acetone	50	100,000	500,000	**8.1**	J	**2.7**	J	11	U	18	U	**3.8**	J	**4.3**	J	**1.4**	J
Acrolein				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile				12	U	12	U	11	U	11	U	11	U	11	U	11	U
Benzene	60	4,800	44,000	1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Bromobenzene				5.8	U	6.2	U	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
Bromochloromethane				5.8	U	6.2	U	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
Bromodichloromethane				1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Bromoform				4.7	U	5	U	4.4	U	4.3	U	4.5	U	4.3	U	4.4	U
Bromomethane				2.3	U	2.5	U	2.2	U	2.2	U	2.3	U	2.1	U	2.2	U
Carbon Disulfide				12	U	12	U	11	U	11	U	11	U	11	U	11	U
Carbon tetrachloride	760	2,400	22,000	1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Chlorobenzene	1,100	100,000	500,000	1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Chloroethane				2.3	U	2.5	U	2.2	U	2.2	U	2.3	U	2.1	U	2.2	U
Chloroform	370	49,000	350,000	1.7	U	1.9	U	1.6	U	1.6	U	1.7	U	1.6	U	1.6	U
Chloromethane				5.8	U	6.2	U	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
cis-1,2-Dichloroethene	250	100,000	500,000	1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
cis-1,3-Dichloropropene				1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Cyclohexane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene				1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Dibromochloromethane				1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Dibromomethane				12	U	12	U	11	U	11	U	11	U	11	U	11	U
Dichlorodifluoromethane				12	U	12	U	11	U	11	U	11	U	11	U	11	U
Diethyl Ether				5.8	U	6.2	U	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
Ethylbenzene	1,000	41,000	390,000	1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Hexachlorobutadiene				5.8	U	6.2	U	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
Isopropylbenzene				1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
m&p-Xylenes	260	100,000	500,000	2.3	U	2.5	U	2.2	U	2.2	U	2.3	U	2.1	U	2.2	U
Methyl Acetate				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl t-butyl ether (MTBE)	930	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylcyclohexane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	50	100,000	500,000	12	U	12	U	11	U	11	U	11	U	11	U	11	U
Naphthalene	12,000	100,000	500,000	5.8	U	**1.3**	J	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
n-Butylbenzene				1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
n-Propylbenzene	3,900	100,000	500,000	1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
o-Xylene	260	100,000	500,000	2.3	U	2.5	U	2.2	U	2.2	U	2.3	U	2.1	U	2.2	U
p-Isopropyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	11,000	100,000	500,000	1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Styrene				2.3	U	2.5	U	2.2	U	2.2	U	2.3	U	2.2	U	2.1	U
t-1,3-Dichloropropene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-butyl alcohol				-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5,900	100,000	500,000	5.8	U	**1.3**	J	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
tert-Buyl methyl ether				2.3	U	2.5	U	2.2	U	2.2	U	2.3	U	2.2	U	2.1	U
Tetrachloroethene	1,300	19,000	150,000	1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Tetrahydrofuran (THF)				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	700	100,000	500,000	1.7	U	**0.32**	J	**0.26**	J	1.6	U	**0.25**	J	**0.22**	J	**0.26**	J
trans-1,2-Dichloroethene	190	100,000	500,000	1.7	U	1.9	U	1.6	U	1.6	U	1.7	U	1.6	U	1.6	U
trans-1,3-Dichloropropene				1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
trabs-1,4-dichloro-2-butene				5.8	U	**1.3**	J	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
Trichloroethene	470	21,000	200,000	1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Trichlorofluoromethane				5.8	U	**1.3**	J	5.5	U	5.4	U	5.7	U	5.4	U	5.5	U
Trichlorotrifluoroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate				12	-	12	U	11	U	11	U	11	U	11	U	11	U
Vinyl Chloride	20	900	13,000	2.3	-	2.5	U	2.2	U	2.2	U	2.3	U	2.1	U	2.2	U
Total VOCs Concentration				**8.1**		**3.02**		**0.26**		**0**		**4.05**		**4.52**		**1.66**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Restricted Restidential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Commercial Guidance Value

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 3
Laboratory Results - Soil
Semi Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Commercial Soil Cleanup Objectives*	ASR - Phase II Investigation - May 2006															
				SB-1				SB-2				SB-3				SB-8		SB-9	
				5/2/2006		5/2/2006		5/2/2006		5/2/2006		5/2/2006		5/2/2006		6/9/2006		6/9/2006	
				(0-5')		(8-12')		(0-5')		(8-12')		(0-5')		(8-12')		(8-9')		(8-9')	
				Lot 57				Lot 18				Lot 21				Lot 21		Lot 21	
				µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1-Biphenyl				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-oxybis(1-Chloropropoane)				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Diphenylhydrazine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-cresol)	330	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol (m&p-cresol)	330	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	20,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	100,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aniline				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	100,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benz(a)anthracene	1,000	1,000	5,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1,000	1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	1,000	1,000	5,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(ghi)perylene	100,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	800	3,900	56,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzoic acid				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl butyl phthalate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethoxy)methane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethyl)ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-ethylhexyl)phthalate				-	-	-	-	-	-	-	-	-	-	**190**	-	**280**	-	**170**	-
Caprolactam				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	1,000	3,900	56,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	330	330	560	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	7,000	59,000	350,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylphthalate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octylphthalate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	100,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	30,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	500	500	5,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	12,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachloronitrobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	800	6,700	6,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	330	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	100,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyridine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Qualifiers
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Semi Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Commercial Soil Cleanup Objectives*	ASR - Phase II Investigation - May 2006													
				SB-10		SB-11		SB-12		SB-13		SB-14		SB-15		SB-16		SB-17	
				6/9/2006		6/9/2006		6/9/2006		6/9/2006		6/20/2006		6/13/2006		6/13/2006		6/13/2006	
				(8')		(8')		(9-10')		(9-10')		(11-12')							
				Lot 21		Lot 21		Lot 20		Lot 18		Lot 20		Lot 20		Lot 18		Lot 18	
				µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1-Biphenyl				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-oxybis(1-Chloropropoane)				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Diphenylhydrazine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-cresol)	330	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol (m&p-cresol)	330	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	20,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**580**	-
Acenaphthylene	100,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aniline				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	100,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**390**	-
Atrazine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benz(a)anthracene	1,000	1,000	5,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1,000	1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	1,000	1,000	5,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(ghi)perylene	100,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	800	3,900	56,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzoic acid				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl butyl phthalate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethoxy)methane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethyl)ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-ethylhexyl)phthalate				-	-	**260**	-	-	-	**370**	-	-	-	-	-	-	-	**300**	-
Caprolactam				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	1,000	3,900	56,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	330	330	560	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	7,000	59,000	350,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylphthalate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octylphthalate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	100,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**340**	-
Fluorene	30,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**270**	-
Hexachlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	500	500	5,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	12,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1,500**	-
Nitrobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachloronitrobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	800	6,700	6,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**710**	-
Phenol	330	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	100,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**500**	-
Pyridine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
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U - The compound was not detected at the indicated concentration.
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B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
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* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
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Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 3
Laboratory Results - Soil
Semi Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Commercial Soil Cleanup Objectives*	ASR - Phase II Investigation - May 2006													
				SB-18		SB-19		SB-20		MW-9				MW-10			
				6/13/2006		6/13/2006		6/13/2006		7/21/2006		7/21/2006		7/21/2006		7/21/2006	
										(5-10')		(10-15')		(0-5')		(10-15')	
				Lot 17		Lot 17		Lot 17		Lot 18 (sidewalk)				Lot 21 (sidewalk)			
				µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1-Biphenyl				-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-oxybis(1-Chloropropoane)				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Diphenylhydrazine				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-cresol)	330	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline				-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine				-	-	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol (m&p-cresol)	330	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline				-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline				-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline				-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	20,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	100,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aniline				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	100,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benz(a)anthracene	1,000	1,000	5,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1,000	1,000	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	1,000	1,000	5,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(ghi)perylene	100,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	800	3,900	56,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzoic acid				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl butyl phthalate				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethoxy)methane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethyl)ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-ethylhexyl)phthalate				-	-	-	-	-	-	-	-	**59,000**	-	-	-	**6,300**	-
Caprolactam				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	1,000	3,900	56,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	330	330	560	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	7,000	59,000	350,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylphthalate				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octylphthalate				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	100,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	30,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	500	500	5,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	12,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine				-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine				-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachloronitrobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	800	6,700	6,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100,000	100,000	500,000	-	-	-	-	-	-	**5,600**	-	**17,000**	-	-	-	-	-
Phenol	330	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	100,000	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyridine				-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Semi Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Commercial Soil Cleanup Objectives*	EBC - Remedial Investigation - 2007													
				E1				E2				E3				E4			
				8/16/2007		8/16/2007		8/16/2007		8/16/2007		8/16/2007		8/16/2007		8/16/2007	
				(0-4')		(8-12')		(0-4')		(8-12')		(0-4')		(8-12')		(0-4')		(8-12')	
				Lot 57				Lot 57				Lot 17				Lot 17			
				µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1-Biphenyl				62	U	68	U	64	U	67	U	65	U	66	U	62	U	70	U
2,2-oxybis(1-Chloropropoane)				61	U	66	U	63	U	65	U	64	U	65	U	61	U	68	U
1,2,4,5-Tetrachlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Diphenylhydrazine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol				58	U	63	U	59	U	62	U	61	U	62	U	57	U	65	U
2,4,6-Trichlorophenol				56	U	60	U	57	U	59	U	58	U	59	U	55	U	62	U
2,4-Dichlorophenol				70	U	76	U	72	U	75	U	73	U	75	U	70	U	78	U
2,4-Dimethylphenol				60	U	65	U	62	U	64	U	63	U	64	U	60	U	67	U
2,4-Dinitrophenol				320	U	350	U	330	U	350	U	340	U	340	U	320	U	360	U
2,4-Dinitrotoluene				56	U	60	U	57	U	59	U	58	U	59	U	55	U	62	U
2,6-Dinitrotoluene				54	U	58	U	55	U	57	U	56	U	57	U	53	U	60	U
2-Chloronaphthalene				63	U	68	U	64	U	67	U	66	U	67	U	62	U	70	U
2-Chlorophenol				60	U	65	U	62	U	65	U	63	U	64	U	60	U	68	U
2-Methylnaphthalene				63	U	69	U	65	U	68	U	66	U	67	U	63	U	71	U
2-Methylphenol (o-cresol)	330	100,000	500,000	63	U	68	U	65	U	67	U	66	U	67	U	62	U	70	U
2-Nitroaniline				48	U	52	U	49	U	51	U	50	U	51	U	48	U	54	U
2-Nitrophenol				58	U	63	U	60	U	62	U	61	U	62	U	58	U	65	U
3,3'-Dichlorobenzidine				65	U	70	U	66	U	69	U	68	U	69	U	64	U	72	U
3&4-Methylphenol (m&p-cresol)	330	100,000	500,000	60	U	65	U	61	U	64	U	62	U	64	U	59	U	67	U
3-Nitroaniline				49	U	53	U	51	U	53	U	52	U	52	U	49	U	55	U
4,6-Dinitro-2-methylphenol				73	U	80	U	75	U	78	U	77	U	78	U	73	U	82	U
4-Bromophenyl phenyl ether				56	U	61	U	58	U	60	U	59	U	60	U	56	U	63	U
4-Chloro-3-methylphenol				52	U	57	U	54	U	56	U	55	U	56	U	52	U	59	U
4-Chloroaniline				45	U	49	U	46	U	48	U	47	U	48	U	45	U	50	U
4-Chlorophenyl phenyl ether				60	U	65	U	61	U	64	U	63	U	64	U	59	U	67	U
4-Nitroaniline				65	U	70	U	66	U	69	U	68	U	69	U	64	U	72	U
4-Nitrophenol				47	U	51	U	48	U	50	U	49	U	50	U	47	U	53	U
Acenaphthene	20,000	100,000	500,000	67	U	73	U	69	U	72	U	70	U	72	U	67	U	75	U
Acenaphthylene	100,000	100,000	500,000	61	U	67	U	63	U	66	U	64	U	65	U	61	U	69	U
Acetophenone				55	U	60	U	57	U	59	U	58	U	59	U	55	U	62	U
Aniline				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	100,000	100,000	500,000	57	U	62	U	59	U	61	U	60	U	61	U	57	U	64	U
Atrazine				58	U	63	U	59	U	62	U	61	U	62	U	58	U	65	U
Benzaldehyde				78	U	84	U	80	U	83	U	81	U	83	U	77	U	87	U
Benz(a)anthracene	1,000	1,000	5,600	53	U	57	U	54	U	57	U	55	U	56	U	53	U	59	U
Benzidine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1,000	1,000	1,000	61	U	66	U	62	U	65	U	63	U	64	U	60	U	68	U
Benzo(b)fluoranthene	1,000	1,000	5,600	42	U	45	U	43	U	44	U	44	U	44	U	**53**	J	47	U
Benzo(ghi)perylene	100,000	100,000	500,000	63	U	68	U	64	U	67	U	65	U	67	U	62	U	70	U
Benzo(k)fluoranthene	800	3,900	56,000	83	U	90	U	85	U	89	U	87	U	89	U	83	U	93	U
Benzoic acid				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl butyl phthalate				61	U	66	U	63	U	65	U	64	U	65	U	61	U	69	U
Bis(2-chloroethoxy)methane				62	U	67	U	64	U	66	U	65	U	66	U	62	U	70	U
Bis(2-chloroethyl)ether				60	U	65	U	61	U	64	U	63	U	64	U	59	U	67	U
Bis(2-chloroisopropyl)ether				**80**	J	79	U	75	U	78	U	**110**	J	**160**	J	72	U	81	U
Bis(2-ethylhexyl)phthalate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam				61	U	66	U	62	U	65	U	64	U	65	U	60	U	68	U
Carbazole				58	U	63	U	59	U	62	U	60	U	62	U	57	U	65	U
Chrysene	1,000	3,900	56,000	68	U	74	U	70	U	73	U	71	U	72	U	67	U	76	U
Dibenz(a,h)anthracene	330	330	560	47	U	51	U	49	U	51	U	50	U	51	U	47	U	53	U
Dibenzofuran	7,000	59,000	350,000	63	U	68	U	64	U	67	U	65	U	67	U	62	U	70	U
Diethyl phthalate				65	U	71	U	67	U	70	U	68	U	70	U	65	U	73	U
Dimethylphthalate				61	U	66	U	62	U	65	U	64	U	65	U	60	U	68	U
Di-n-butylphthalate				58	U	62	U	59	U	62	U	60	U	61	U	57	U	65	U
Di-n-octylphthalate				64	U	70	U	66	U	69	U	67	U	69	U	64	U	72	U
Fluoranthene	100,000	100,000	500,000	56	U	61	U	58	U	60	U	59	U	60	U	**88**	J	63	U
Fluorene	30,000	100,000	500,000	64	U	69	U	65	U	68	U	67	U	68	U	63	U	71	U
Hexachlorobenzene				61	U	66	U	62	U	65	U	63	U	64	U	60	U	68	U
Hexachlorobutadiene				58	U	63	U	60	U	62	U	61	U	62	U	58	U	65	U
Hexachlorocyclopentadiene				60	U	65	U	62	U	65	U	63	U	64	U	60	U	68	U
Hexachloroethane				64	U	70	U	66	U	69	U	67	U	68	U	64	U	72	U
Indeno(1,2,3-cd)pyrene	500	500	5,600	48	U	52	U	49	U	51	U	50	U	51	U	48	U	54	U
Isophorone				57	U	62	U	58	U	61	U	59	U	61	U	56	U	64	U
Naphthalene	12,000	100,000	500,000	65	U	70	U	66	U	69	U	68	U	69	U	64	U	72	U
Nitrobenzene				83	U	89	U	85	U	88	U	86	U	88	U	82	U	92	U
N-Nitrosodi-n-propylamine				63	U	68	U	64	U	67	U	66	U	67	U	62	U	70	U
N-Nitrosodimethylamine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine				62	U	68	U	64	U	67	U	65	U	66	U	62	U	70	U
Pentachloronitrobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	800	6,700	6,700	88	U	95	U	90	U	94	U	92	U	93	U	87	U	98	U
Phenanthrene	100,000	100,000	500,000	60	U	65	U	62	U	64	U	63	U	64	U	**60**	J	67	U
Phenol	330	100,000	500,000	57	U	62	U	59	U	61	U	60	U	61	U	57	U	64	U
Pyrene	100,000	100,000	500,000	67	U	72	U	69	U	72	U	70	U	71	U	**110**	J	75	U
Pyridine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Restidential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 3
Laboratory Results - Soil
Semi Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Commercial Soil Cleanup Objectives*	EBC - Remedial Investigation - 2007													
				E5				E6				E7		E12			
				8/16/2007		8/16/2007		8/16/2007		8/16/2007		8/17/2007		8/17/2007		8/17/2007	
				(0-4')		(8-12')		(0-4')		(8-12')		(0-4')		(0-4')		(8-12')	
				Lot 21				Lot 18				Lot 17		Lot 17			
				µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1-Biphenyl				66	U	64	U	58	U	63	U	57	U	59	U	71	U
2,2-oxybis(1-Chloropropoane)				65	U	62	U	57	U	62	U	56	U	57	U	70	U
1,2,4,5-Tetrachlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Diphenylhydrazine				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol				61	U	59	U	54	U	58	U	53	U	54	U	66	U
2,4,6-Trichlorophenol				59	U	57	U	52	U	56	U	51	U	52	U	63	U
2,4-Dichlorophenol				74	U	71	U	65	U	71	U	65	U	66	U	80	U
2,4-Dimethylphenol				64	U	61	U	56	U	61	U	55	U	56	U	69	U
2,4-Dinitrophenol				340	U	330	U	300	U	330	U	300	U	300	U	370	U
2,4-Dinitrotoluene				59	U	57	U	52	U	56	U	51	U	52	U	63	U
2,6-Dinitrotoluene				57	U	55	U	50	U	54	U	49	U	50	U	61	U
2-Chloronaphthalene				67	U	64	U	59	U	63	U	58	U	59	U	72	U
2-Chlorophenol				64	U	62	U	56	U	61	U	56	U	57	U	69	U
2-Methylnaphthalene				67	U	65	U	59	U	64	U	58	U	59	U	72	U
2-Methylphenol (o-cresol)	330	100,000	500,000	67	U	64	U	59	U	64	U	58	U	59	U	72	U
2-Nitroaniline				51	U	49	U	45	U	49	U	44	U	45	U	55	U
2-Nitrophenol				62	U	59	U	54	U	59	U	54	U	55	U	66	U
3,3'-Dichlorobenzidine				69	U	66	U	61	U	65	U	60	U	61	U	74	U
3&4-Methylphenol (m&p-cresol)	330	100,000	500,000	63	U	61	U	56	U	60	U	55	U	56	U	68	U
3-Nitroaniline				52	U	50	U	46	U	50	U	45	U	46	U	56	U
4,6-Dinitro-2-methylphenol				78	U	75	U	69	U	74	U	68	U	69	U	84	U
4-Bromophenyl phenyl ether				60	U	58	U	53	U	57	U	52	U	53	U	65	U
4-Chloro-3-methylphenol				55	U	53	U	49	U	53	U	48	U	49	U	60	U
4-Chloroaniline				48	U	46	U	42	U	46	U	42	U	42	U	51	U
4-Chlorophenyl phenyl ether				63	U	61	U	56	U	60	U	55	U	56	U	68	U
4-Nitroaniline				68	U	66	U	60	U	65	U	60	U	61	U	74	U
4-Nitrophenol				50	U	48	U	44	U	47	U	43	U	44	U	54	U
Acenaphthene	20,000	100,000	500,000	71	U	69	U	63	U	68	U	**110**	J	63	U	77	U
Acenaphthylene	100,000	100,000	500,000	65	U	63	U	57	U	62	U	57	U	58	U	70	U
Acetophenone				59	U	56	U	52	U	56	U	51	U	52	U	63	U
Aniline				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	100,000	100,000	500,000	60	U	58	U	53	U	58	U	**200**	J	54	U	65	U
Atrazine				61	U	59	U	54	U	59	U	53	U	54	U	66	U
Benzaldehyde				82	U	79	U	73	U	78	U	72	U	73	U	89	U
Benz(a)anthracene	1,000	1,000	5,600	56	U	54	U	50	U	53	U	**450**	-	50	U	60	U
Benzidine				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1,000	1,000	1,000	64	U	62	U	57	U	61	U	**340**	J	57	U	69	U
Benzo(b)fluoranthene	1,000	1,000	5,600	44	U	42	U	39	U	42	U	**500**	-	**47**	J	48	U
Benzo(ghi)perylene	100,000	100,000	500,000	66	U	64	U	59	U	63	U	**130**	J	59	U	71	U
Benzo(k)fluoranthene	800	3,900	56,000	88	U	85	U	78	U	84	U	**140**	J	78	U	95	U
Benzoic acid				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl butyl phthalate				65	U	62	U	57	U	62	U	56	U	58	U	70	U
Bis(2-chloroethoxy)methane				66	U	63	U	58	U	63	U	57	U	58	U	71	U
Bis(2-chloroethyl)ether				63	U	61	U	56	U	60	U	55	U	56	U	68	U
Bis(2-chloroisopropyl)ether				77	U	74	U	68	U	73	U	**390**	-	68	U	83	U
Bis(2-ethylhexyl)phthalate				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam				64	U	62	U	57	U	61	U	56	U	57	U	69	U
Carbazole				61	U	59	U	54	U	58	U	**110**	J	54	U	66	U
Chrysene	1,000	3,900	56,000	72	U	69	U	64	U	69	U	**450**	-	64	U	78	U
Dibenz(a,h)anthracene	330	330	560	50	U	48	U	44	U	48	U	44	U	45	U	54	U
Dibenzofuran	7,000	59,000	350,000	66	U	64	U	59	U	63	U	79	J	59	U	71	U
Diethyl phthalate				69	U	67	U	61	U	66	U	60	U	61	U	75	U
Dimethylphthalate				64	U	62	U	57	U	61	U	56	U	57	U	69	U
Di-n-butylphthalate				61	U	59	U	54	U	58	U	53	U	54	U	66	U
Di-n-octylphthalate				68	U	66	U	60	U	65	U	59	U	61	U	74	U
Fluoranthene	100,000	100,000	500,000	60	U	57	U	53	U	57	U	**1000**	-	53	U	64	U
Fluorene	30,000	100,000	500,000	68	U	65	U	60	U	64	U	**82**	J	60	U	73	U
Hexachlorobenzene				64	U	62	U	57	U	61	U	56	U	57	U	69	U
Hexachlorobutadiene				62	U	59	U	54	U	59	U	54	U	55	U	66	U
Hexachlorocyclopentadiene				64	U	62	U	56	U	61	U	56	U	57	U	69	U
Hexachloroethane				68	U	66	U	60	U	65	U	59	U	60	U	73	U
Indeno(1,2,3-cd)pyrene	500	500	5,600	51	U	49	U	45	U	49	U	94	J	45	U	55	U
Isophorone				60	U	58	U	53	U	57	U	52	U	53	U	65	U
Naphthalene	12,000	100,000	500,000	68	U	66	U	60	U	65	U	**100**	J	61	U	74	U
Nitrobenzene				88	U	84	U	77	U	83	U	76	U	78	U	94	U
N-Nitrosodi-n-propylamine				66	U	64	U	59	U	63	U	58	U	59	U	72	U
N-Nitrosodimethylamine				-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine				66	U	64	U	58	U	63	U	57	U	59	U	71	U
Pentachloronitrobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	800	6,700	6,700	93	U	89	U	82	U	88	U	81	U	82	U	100	U
Phenanthrene	100,000	100,000	500,000	64	U	61	U	56	U	61	U	**1200**	-	57	U	69	U
Phenol	330	100,000	500,000	61	U	58	U	54	U	58	U	53	U	54	U	65	U
Pyrene	100,000	100,000	500,000	71	U	68	U	63	U	68	U	**1200**	-	63	U	76	U
Pyridine				-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC Restidential SCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Qualifiers
U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
NR - Not analyzed

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 3
Laboratory Results - Soil
Semi Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Commercial Soil Cleanup Objectives*	EBC - Remedial Investigation - 2007								Ecosystems Strategies - RIR - July 2015					
				E13				E14				MW-17			MW-18		
				8/17/2007		8/17/2007		8/17/2007		8/17/2007		2/15/2112			2/15/2012		
				(0-4')		(8-12')		(0-4')		(8-12')		(14')			(15')		
				Lot 20				Lot 21				Clay Street Sidewalk			Clay Street Sidewalk		
				µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg			µg/Kg		
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Flag	RL	Result	Flag	RL
1,1-Biphenyl				65	U	70	U	62	U	67	U	-	-	-	-	-	-
2,2-oxybis(1-Chloropropoane)				63	U	68	U	60	U	65	U	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene				-	-	-	-	-	-	-	-	ND	-	215	ND	-	198
1,2-Dichlorobenzene				-	-	-	-	-	-	-	-	ND	-	215	ND	-	198
1,2-Diphenylhydrazine				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene				-	-	-	-	-	-	-	-	ND	-	215	ND	-	198
1,4-Dichlorobenzene				-	-	-	-	-	-	-	-	ND	-	215	ND	-	198
2,4,5-Trichlorophenol				60	U	65	U	57	U	62	U	NA	-	-	-	-	-
2,4,6-Trichlorophenol				58	U	62	U	55	U	60	U	NA	-	-	-	-	-
2,4-Dichlorophenol				73	U	78	U	69	U	75	U	NA	-	-	-	-	-
2,4-Dimethylphenol				62	U	67	U	59	U	64	U	NA	-	-	-	-	-
2,4-Dinitrophenol				340	U	360	U	320	U	350	U	NA	-	-	-	-	-
2,4-Dinitrotoluene				58	U	62	U	55	U	60	U	ND	-	215	ND	-	198
2,6-Dinitrotoluene				56	U	60	U	53	U	57	U	ND	-	215	ND	-	198
2-Chloronaphthalene				65	U	70	U	62	U	67	U	ND	-	215	ND	-	198
2-Chlorophenol				63	U	68	U	60	U	65	U	NA	-	-	-	-	-
2-Methylnaphthalene				66	U	71	U	63	U	68	U	ND	-	215	ND	-	198
2-Methylphenol (o-cresol)	330	100,000	500,000	65	U	70	U	62	U	68	U	NA	-	-	-	-	-
2-Nitroaniline				50	U	54	U	48	U	52	U	NA	-	-	-	-	-
2-Nitrophenol				60	U	65	U	58	U	63	U	NA	-	-	-	-	-
3,3'-Dichlorobenzidine				67	U	72	U	64	U	70	U	ND	-	215	ND	-	198
3&4-Methylphenol (m&p-cresol)	330	100,000	500,000	62	U	67	U	59	U	64	U	NA	-	-	-	-	-
3-Nitroaniline				51	U	55	U	49	U	53	U	ND	-	215	ND	-	198
4,6-Dinitro-2-methylphenol				76	U	82	U	73	U	79	U	NA	-	-	NA	-	-
4-Bromophenyl phenyl ether				59	U	63	U	56	U	61	U	ND	-	215	ND	-	198
4-Chloro-3-methylphenol				54	U	58	U	52	U	56	U	ND	-	215	ND	-	198
4-Chloroaniline				47	U	50	U	45	U	48	U	ND	-	215	ND	-	198
4-Chlorophenyl phenyl ether				62	U	67	U	59	U	64	U	ND	-	215	ND	-	198
4-Nitroaniline				67	U	72	U	64	U	69	U	ND	-	215	ND	-	198
4-Nitrophenol				49	U	52	U	46	U	50	U	NA	-	-	NA	-	-
Acenaphthene	20,000	100,000	500,000	70	U	75	U	67	U	72	U	ND	-	215	ND	-	198
Acenaphthylene	100,000	100,000	500,000	64	U	69	U	61	U	66	U	ND	-	215	ND	-	198
Acetophenone				57	U	62	U	55	U	59	U	-	-	-	-	-	-
Aniline				-	-	-	-	-	-	-	-	ND	-	215	ND	-	198
Anthracene	100,000	100,000	500,000	59	U	64	U	56	U	61	U	ND	-	215	ND	-	198
Atrazine				60	U	65	U	57	U	62	U	-	-	-	-	-	-
Benzaldehyde				81	U	87	U	77	U	83	U	-	-	-	-	-	-
Benz(a)anthracene	1,000	1,000	5,600	**250**	J	59	U	**84**	J	57	U	ND	-	215	ND	-	198
Benzidine				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1,000	1,000	1,000	**200**	J	68	U	60	U	65	U	ND	-	215	**53**	J	198
Benzo(b)fluoranthene	1,000	1,000	5,600	**270**	J	47	U	**88**	J	45	U	ND	-	215	ND	-	198
Benzo(ghi)perylene	100,000	100,000	500,000	**83**	J	70	U	62	U	67	U	ND	-	215	ND	-	198
Benzo(k)fluoranthene	800	3,900	56,000	**94**	J	93	U	82	U	89	U	ND	-	215	ND	-	198
Benzoic acid				-	-	-	-	-	-	-	-	NA	-	-	NA	-	-
Benzyl Alcohol				-	-	-	-	-	-	-	-	NA	-	-	NA	-	-
Biphenyl				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl butyl phthalate				63	U	68	U	61	U	66	U	ND	-	215	ND	-	198
Bis(2-chloroethoxy)methane				65	U	70	U	62	U	67	U	ND	-	215	ND	-	198
Bis(2-chloroethyl)ether				62	U	67	U	59	U	64	U	ND	-	215	ND	-	198
Bis(2-chloroisopropyl)ether				75	U	**110**	J	**110**	J	78	U	ND	-	215	ND	-	198
Bis(2-ethylhexyl)phthalate				-	-	-	-	-	-	-	-	**1,400**	-	215	**440**	-	198
Caprolactam				63	U	68	U	60	U	65	U	-	-	-	-	-	-
Carbazole				60	U	65	U	57	U	62	U	ND	-	215	ND	-	198
Chrysene	1,000	3,900	56,000	**250**	J	76	U	**94**	J	73	U	ND	-	215	ND	-	198
Dibenz(a,h)anthracene	330	330	560	49	U	53	U	47	U	51	U	ND	-	215	ND	-	198
Dibenzofuran	7,000	59,000	350,000	65	U	70	U	62	U	67	U	ND	-	215	ND	-	198
Diethyl phthalate				68	U	73	U	65	U	70	U	ND	-	215	ND	-	198
Dimethylphthalate				63	U	68	U	60	U	65	U	ND	-	215	ND	-	198
Di-n-butylphthalate				60	U	64	U	57	U	62	U	ND	-	215	ND	-	198
Di-n-octylphthalate				67	U	72	U	64	U	69	U	**350**	-	215	ND	-	198
Fluoranthene	100,000	100,000	500,000	**490**	-	63	U	**180**	J	60	U	ND	-	215	ND	-	198
Fluorene	30,000	100,000	500,000	66	U	71	U	63	U	69	U	ND	-	215	ND	-	198
Hexachlorobenzene				63	U	68	U	60	U	65	U	ND	-	215	ND	-	198
Hexachlorobutadiene				60	U	65	U	58	U	63	U	ND	-	215	ND	-	198
Hexachlorocyclopentadiene				63	U	68	U	60	U	65	U	ND	-	215	ND	-	198
Hexachloroethane				67	U	72	U	64	U	69	U	ND	-	215	ND	-	198
Indeno(1,2,3-cd)pyrene	500	500	5,600	**56**	J	54	U	48	U	52	U	ND	-	215	ND	-	198
Isophorone				59	U	64	U	56	U	61	U	ND	-	215	ND	-	198
Naphthalene	12,000	100,000	500,000	67	U	72	U	64	U	69	U	ND	-	215	ND	-	198
Nitrobenzene				86	U	92	U	82	U	89	U	ND	-	215	ND	-	198
N-Nitrosodi-n-propylamine				65	U	70	U	62	U	67	U	ND	-	215	ND	-	198
N-Nitrosodimethylamine				-	-	-	-	-	-	-	-	ND	R	215	ND	-	198
N-Nitrosodiphenylamine				65	U	70	U	62	U	67	U	ND	-	215	ND	-	198
Pentachloronitrobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	800	6,700	6,700	91	U	98	U	87	U	94	U	NA	-	-	NA	-	-
Phenanthrene	100,000	100,000	500,000	**410**	-	**70**	J	**150**	J	65	U	ND	-	215	ND	-	198
Phenol	330	100,000	500,000	59	U	64	U	57	U	62	U	NA	-	-	NA	-	-
Pyrene	100,000	100,000	500,000	**640**	-	**84**	J	**220**	J	72	U	ND	-	215	**76.4**	J	198
Pyridine				-	-	-	-	-	-	-	-	ND	-	215	ND	R	198

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Restidential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 3
Laboratory Results - Soil
Semi Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Commercial Soil Cleanup Objectives*	Ecosystems Strategies - Remedial Investigation Report - July 2015														
				MW-19			SB-77A			SB-78A			2SB-7			2SB-8		
				2/2/2012			2/1/2012			2/1/2012			8/1/2013			8/1/2013		
				(10-12')									(10-15')			(10-15')		
				Lot 20			Lot 20			Lot 20			Lot 20			Lot 20		
				µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg		
				Result	Flag	RL	Result	Flag	RL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result
1,1-Biphenyl				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-oxybis(1-Chloropropoane)				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
1,2-Dichlorobenzene				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
1,2-Diphenylhydrazine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
1,4-Dichlorobenzene				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
2,4,5-Trichlorophenol				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
2,4,6-Trichlorophenol				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
2,4-Dichlorophenol				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
2,4-Dimethylphenol				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
2,4-Dinitrophenol				ND	-	4,030	ND	-	8,040	ND	R	655	ND	R	617	ND	R	615
2,4-Dinitrotoluene				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
2,6-Dinitrotoluene				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
2-Chloronaphthalene				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
2-Chlorophenol				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
2-Methylnaphthalene				**132,000**	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
2-Methylphenol (o-cresol)	330	100,000	500,000	ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
2-Nitroaniline				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
2-Nitrophenol				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
3,3'-Dichlorobenzidine				ND	-	4,030	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol (m&p-cresol)	330	100,000	500,000	ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
3-Nitroaniline				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
4,6-Dinitro-2-methylphenol				ND	-	4,030	ND	-	4,020	ND	-	655	ND	-	617	ND	-	615
4-Bromophenyl phenyl ether				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
4-Chloro-3-methylphenol				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
4-Chloroaniline				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
4-Chlorophenyl phenyl ether				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
4-Nitroaniline				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
4-Nitrophenol				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Acenaphthene	20,000	100,000	500,000	ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Acenaphthylene	100,000	100,000	500,000	ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Acetophenone				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aniline				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Anthracene	100,000	100,000	500,000	**1,400**	J	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Atrazine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benz(a)anthracene	1,000	1,000	5,600	ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Benzidine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1,000	1,000	1,000	ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Benzo(b)fluoranthene	1,000	1,000	5,600	ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Benzo(ghi)perylene	100,000	100,000	500,000	ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Benzo(k)fluoranthene	800	3,900	56,000	ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Benzoic acid				NA	-	-	NA	-	-	NA	-	-	NA	-	-	NA	-	-
Benzyl Alcohol				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Biphenyl				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl butyl phthalate				**10,100**	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Bis(2-chloroethoxy)methane				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Bis(2-chloroethyl)ether				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Bis(2-chloroisopropyl)ether				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Bis(2-ethylhexyl)phthalate				**4,330**	-	4,030	ND	-	4,020	**223**	-	328	ND	-	309	ND	-	307
Caprolactam				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole				NA	-	-	NA	-	-	NA	-	-	NA	-	-	NA	-	-
Chrysene	1,000	3,900	56,000	ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Dibenz(a,h)anthracene	330	330	560	ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Dibenzofuran	7,000	59,000	350,000	ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Diethyl phthalate				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Dimethylphthalate				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Di-n-butylphthalate				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Di-n-octylphthalate				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Fluoranthene	100,000	100,000	500,000	ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Fluorene	30,000	100,000	500,000	**1,850**	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Hexachlorobenzene				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Hexachlorobutadiene				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Hexachlorocyclopentadiene				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Hexachloroethane				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Indeno(1,2,3-cd)pyrene	500	500	5,600	ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Isophorone				ND	-	4,030	ND	-	4,020	**149**	J	328	ND	-	309	ND	-	307
Naphthalene	12,000	100,000	500,000	**2,000**	J	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Nitrobenzene				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
N-Nitrosodi-n-propylamine				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
N-Nitrosodimethylamine				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
N-Nitrosodiphenylamine				ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Pentachloronitrobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	800	6,700	6,700	ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Phenanthrene	100,000	100,000	500,000	**6,650**	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Phenol	330	100,000	500,000	ND	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Pyrene	100,000	100,000	500,000	**3,360**	-	4,030	ND	-	4,020	ND	-	328	ND	-	309	ND	-	307
Pyridine				ND	R	4,030	ND	-	4,020	ND	R	328	ND	R	309	ND	R	307

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Restidential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 3
Laboratory Results - Soil
Semi Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Commercial Soil Cleanup Objectives*	Goldberg Zoino & Associates - Remedial Investigation - December 2016																	
				SB-101						SB-102						SB-103					
				2/12/2016						2/12/2016						2/12/2016					
				(0-2')		(5-7')		(10-12')		(0-2')		(5-7')		(10-12')		(0-2')		(4-6')		(10-12')	
				Lot 57						Lot 17						Lot 57					
				µg/Kg						µg/Kg						µg/Kg					
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1-Biphenyl				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-oxybis(1-Chloropropoane)				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene				200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
1,2,4-Trichlorobenzene				200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
1,2-Dichlorobenzene				200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
1,2-Diphenylhydrazine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene				200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
1,4-Dichlorobenzene				200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
2,4,5-Trichlorophenol				200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
2,4,6-Trichlorophenol				120	U	120	U	120	U	120	U	120	U	120	U	130	U	120	U	120	U
2,4-Dichlorophenol				180	U	180	U	180	U	180	U	170	U	180	U	190	U	180	U	180	U
2,4-Dimethylphenol				200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
2,4-Dinitrophenol				980	U	960	U	950	U	930	U	930	U	990	U	1,000	U	980	U	970	U
2,4-Dinitrotoluene				200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
2,6-Dinitrotoluene				200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
2-Chloronaphthalene				200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
2-Chlorophenol				200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
2-Methylnaphthalene				240	U	240	U	240	U	230	U	230	U	250	U	**200**	J	240	U	240	U
2-Methylphenol (o-cresol)	330	100,000	500,000	200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
2-Nitroaniline				200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
2-Nitrophenol				440	U	430	U	430	U	420	U	420	U	440	U	460	U	440	U	440	U
3,3'-Dichlorobenzidine				200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
3&4-Methylphenol (m&p-cresol)	330	100,000	500,000	290	U	290	U	280	U	280	U	280	U	300	U	300	U	290	U	290	U
3-Nitroaniline				200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
4,6-Dinitro-2-methylphenol				530	U	520	U	510	U	510	U	500	U	530	U	550	U	530	U	530	U
4-Bromophenyl phenyl ether				200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
4-Chloro-3-methylphenol				200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
4-Chloroaniline				200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
4-Chlorophenyl phenyl ether				200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
4-Nitroaniline				200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
4-Nitrophenol				280	U	280	U	280	U	270	U	270	U	290	U	300	U	290	U	280	U
Acenaphthene	20,000	100,000	500,000	160	U	160	U	160	U	160	U	150	U	160	U	**710**	-	160	U	160	U
Acenaphthylene	100,000	100,000	500,000	160	U	160	U	160	U	160	U	150	U	160	U	**870**	-	160	U	160	U
Acetophenone				200	U	200	U	200	U	190	U	190	U	200	U	210	U	200	U	200	U
Aniline				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	100,000	100,000	500,000	120	U	120	U	120	U	120	U	120	U	120	U	**2,600**	-	120	-	120	U
Atrazine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benz(a)anthracene	1,000	1,000	5,600	120	U	120	U	120	U	120	U	**35**	J	120	U	**9,200**	-	**37**	J	**28**	J
Benzidine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1,000	1,000	1,000	160	U	160	U	160	U	160	U	150	U	160	U	**8,400**	-	160	-	160	U
Benzo(b)fluoranthene	1,000	1,000	5,600	120	U	120	U	120	U	120	U	120	U	**40**	J	**11,000**	-	**44**	J	120	U
Benzo(ghi)perylene	100,000	100,000	500,000	160	U	160	U	160	U	160	U	150	U	**29**	J	**5,200**	-	160	-	160	U
Benzo(k)fluoranthene	800	3,900	56,000	120	U	120	U	120	U	120	U	120	U	120	U	**3,400**	-	120	-	120	U
Benzoic acid				660	U	650	U	640	U	630	U	630	U	670	U	680	-	660	-	660	U
Benzyl Alcohol				200	U	200	U	200	U	190	U	190	U	200	U	210	-	200	-	200	U
Biphenyl				460	U	450	U	450	U	440	U	440	U	470	U	**82**	J	470	-	460	U
Benzyl butyl phthalate				200	U	200	U	200	U	190	U	190	U	200	U	210	-	200	-	200	U
Bis(2-chloroethoxy)methane				220	U	220	U	210	U	210	U	210	U	220	U	230	-	220	-	220	U
Bis(2-chloroethyl)ether				180	U	180	U	180	U	180	U	170	U	180	U	190	-	180	-	180	U
Bis(2-chloroisopropyl)ether				240	U	240	U	240	U	230	U	230	U	250	U	250	-	240	-	240	U
Bis(2-ethylhexyl)phthalate				**1,500**	-	**390**	-	**2,000**	-	190	U	190	U	200	U	210	-	200	-	240	U
Caprolactam				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole				200	U	200	U	200	U	190	U	190	U	200	U	1,300	-	200	-	200	U
Chrysene	1,000	3,900	56,000	120	U	120	U	120	U	120	U	120	U	**33**	J	**9,800**	-	**36**	J	26	U
Dibenz(a,h)anthracene	330	330	560	120	U	120	U	120	U	120	U	120	U	120	U	**1,300**	-	120	-	120	U
Dibenzofuran	7,000	59,000	350,000	200	U	200	U	200	U	190	U	190	U	200	U	**660**	-	200	-	200	U
Diethyl phthalate				200	U	200	U	200	U	190	U	190	U	200	U	210	-	200	-	200	U
Dimethylphthalate				200	U	200	U	200	U	190	U	190	U	200	U	210	-	200	-	200	U
Di-n-butylphthalate				200	U	200	U	200	U	190	U	190	U	200	U	210	-	200	-	200	U
Di-n-octylphthalate				200	U	200	U	200	U	190	U	190	U	200	U	210	-	200	-	200	U
Fluoranthene	100,000	100,000	500,000	120	U	120	U	120	U	120	U	120	U	**68**	J	**22,000**	-	**54**	J	**79**	J
Fluorene	30,000	100,000	500,000	200	U	200	U	200	U	190	U	190	U	200	U	**770**	-	200	-	200	U
Hexachlorobenzene				120	U	120	U	120	U	120	U	120	U	120	U	130	-	120	-	120	U
Hexachlorobutadiene				200	U	200	U	200	U	190	U	190	U	200	U	210	-	200	-	200	U
Hexachlorocyclopentadiene				580	-	570	-	570	-	560	-	550	-	590	U	600	-	580	-	580	U
Hexachloroethane				160	U	160	U	160	U	160	U	150	U	160	U	170	-	160	-	160	U
Indeno(1,2,3-cd)pyrene	500	500	5,600	160	U	160	U	160	U	160	U	150	U	160	U	**5,600**	-	160	-	160	U
Isophorone				180	U	180	U	180	U	180	U	170	U	180	U	190	-	180	-	180	U
Naphthalene	12,000	100,000	500,000	200	U	200	U	200	U	190	U	190	U	200	U	570	-	200	-	200	U
Nitrobenzene				180	U	180	U	180	U	180	U	170	U	180	U	190	-	180	-	180	U
N-Nitrosodi-n-propylamine				200	U	200	U	200	U	190	U	190	U	200	U	210	-	200	-	200	U
N-Nitrosodimethylamine				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine				160	U	160	U	160	U	160	U	150	U	160	U	170	-	160	-	160	U
Pentachloronitrobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	800	6,700	6,700	160	U	160	U	160	U	160	U	150	U	160	U	170	-	160	-	160	U
Phenanthrene	100,000	100,000	500,000	120	U	120	U	120	U	120	U	120	U	**52**	J	**16,000**	-	**37**	J	**66**	J
Phenol	330	100,000	500,000	200	U	200	U	200	U	190	U	190	U	200	U	210	-	200	-	200	U
Pyrene	100,000	100,000	500,000	120	U	120	U	120	U	120	U	120	U	**56**	J	**21,000**	-	**52**	J	**75**	J
Pyridine				-	-	-	-	-	-	-	-	-	-	-	-	-	U	-	-	-	-

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Restidential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 3
Laboratory Results - Soil
Semi Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Commercial Soil Cleanup Objectives*	Goldberg Zoino & Associates - Remedial Investigation - December 2016													
				SB-104						SB-105				SB-106			
				2/11/2016						2/11/2016				2/11/2016			
				(0-2')		(5-7')		(10-12')		(0-2')		(10-12')		(0-2')		(10-12')	
				Lot 57						Lot 57				Lot 57			
				µg/Kg						µg/Kg				µg/Kg			
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1-Biphenyl				-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-oxybis(1-Chloropropoane)				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene				200	U	190	U	210	U	200	U	200	U	200	U	210	U
1,2,4-Trichlorobenzene				200	U	190	U	210	U	200	U	200	U	200	U	210	U
1,2-Dichlorobenzene				200	U	190	U	210	U	200	U	200	U	200	U	210	U
1,2-Diphenylhydrazine				-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene				200	U	190	U	210	U	200	U	200	U	200	U	210	U
1,4-Dichlorobenzene				200	U	190	U	210	U	200	U	200	U	200	U	210	U
2,4,5-Trichlorophenol				200	U	190	U	210	U	200	U	200	U	200	U	210	U
2,4,6-Trichlorophenol				130	U	120	U	120	U	120	U	120	U	120	U	130	U
2,4-Dichlorophenol				180	U	170	U	190	U	180	U	180	U	180	U	190	U
2,4-Dimethylphenol				200	U	190	U	210	U	200	U	200	U	200	U	210	U
2,4-Dinitrophenol				960	U	920	U	1,000	U	940	U	940	U	960	U	1,000	U
2,4-Dinitrotoluene				200	U	190	U	210	U	200	U	200	U	200	U	210	U
2,6-Dinitrotoluene				200	U	190	U	210	U	200	U	200	U	200	U	210	U
2-Chloronaphthalene				200	U	190	U	210	U	200	U	200	U	200	U	210	U
2-Chlorophenol				200	U	190	U	210	U	200	U	200	U	200	U	210	U
2-Methylnaphthalene				240	U	230	U	260	U	**210**	J	240	U	240	U	260	U
2-Methylphenol (o-cresol)	330	100,000	500,000	200	U	190	U	210	U	200	U	200	U	200	U	210	U
2-Nitroaniline				200	U	190	U	210	U	200	U	200	U	200	U	210	U
2-Nitrophenol				430	U	420	U	460	U	420	U	420	U	430	U	460	U
3,3'-Dichlorobenzidine				200	U	190	U	210	U	200	U	200	U	200	U	210	U
3&4-Methylphenol (m&p-cresol)	330	100,000	500,000	290	U	280	U	310	U	**42**	J	280	U	290	U	310	U
3-Nitroaniline				200	U	190	U	210	U	200	U	200	U	200	U	210	U
4,6-Dinitro-2-methylphenol				520	U	500	U	560	U	510	U	510	U	520	U	550	U
4-Bromophenyl phenyl ether				200	U	190	U	210	U	200	U	200	U	200	U	210	U
4-Chloro-3-methylphenol				200	U	190	U	210	U	200	U	200	U	200	U	210	U
4-Chloroaniline				200	U	190	U	210	U	200	U	200	U	200	U	210	U
4-Chlorophenyl phenyl ether				200	U	190	U	210	U	200	U	200	U	200	U	210	U
4-Nitroaniline				200	U	190	U	210	U	200	U	200	U	200	U	210	U
4-Nitrophenol				280	U	270	U	300	U	280	U	280	U	280	U	300	U
Acenaphthene	20,000	100,000	500,000	160	U	150	U	170	U	**600**	U	160	U	160	U	170	U
Acenaphthylene	100,000	100,000	500,000	160	U	150	U	170	U	**650**	U	160	U	160	U	170	U
Acetophenone				200	U	190	U	210	U	200	U	200	U	200	U	210	U
Aniline				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	100,000	100,000	500,000	120	U	120	U	130	U	**1,900**	U	120	U	120	U	130	U
Atrazine				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benz(a)anthracene	1,000	1,000	5,600	120	U	120	U	130	U	**4,500**	-	120	U	120	U	130	U
Benzidine				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1,000	1,000	1,000	160	U	150	U	170	U	**3,900**	-	160	U	160	U	170	U
Benzo(b)fluoranthene	1,000	1,000	5,600	120	U	120	U	130	U	**5,000**	-	120	U	120	U	130	U
Benzo(ghi)perylene	100,000	100,000	500,000	160	U	150	U	170	U	**2,000**	-	160	U	160	U	170	U
Benzo(k)fluoranthene	800	3,900	56,000	120	U	120	U	130	U	**2,000**	-	120	U	120	U	130	U
Benzoic acid				650	U	620	U	690	U	640	U	640	U	650	U	690	U
Benzyl Alcohol				200	U	190	U	210	U	200	U	200	U	200	U	210	U
Biphenyl				460	U	440	U	490	U	**71**	J	450	U	460	U	490	U
Benzyl butyl phthalate				200	U	190	U	210	U	200	U	200	U	200	U	210	U
Bis(2-chloroethoxy)methane				220	U	210	U	230	U	210	U	210	U	220	U	230	U
Bis(2-chloroethyl)ether				180	U	170	U	190	U	180	U	180	U	180	U	190	U
Bis(2-chloroisopropyl)ether				240	U	230	U	260	U	240	U	240	U	240	U	260	U
Bis(2-ethylhexyl)phthalate				**1,300**	-	**380**	-	**300**	-	**190**	J	200	-	200	-	210	-
Caprolactam				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole				200	U	190	U	210	U	**640**	-	200	U	200	U	210	U
Chrysene	1,000	3,900	56,000	120	U	120	U	130	U	**4,600**	-	120	U	120	U	130	U
Dibenz(a,h)anthracene	330	330	560	120	U	120	U	130	U	**500**	-	120	U	120	U	130	U
Dibenzofuran	7,000	59,000	350,000	200	U	190	U	210	U	**450**	-	200	U	200	U	210	U
Diethyl phthalate				200	U	190	U	210	U	200	U	200	U	200	U	210	U
Dimethylphthalate				200	U	190	U	210	U	200	U	200	U	200	U	210	U
Di-n-butylphthalate				200	U	190	U	210	U	200	U	200	U	200	U	210	U
Di-n-octylphthalate				200	U	190	U	210	U	200	U	200	U	200	U	210	U
Fluoranthene	100,000	100,000	500,000	120	U	120	U	130	U	**10,000**	-	120	U	120	U	130	U
Fluorene	30,000	100,000	500,000	200	U	190	U	210	U	**670**	-	200	U	200	U	210	U
Hexachlorobenzene				120	U	120	U	130	U	120	U	120	U	120	U	130	U
Hexachlorobutadiene				200	U	190	U	210	U	200	U	200	U	200	U	210	U
Hexachlorocyclopentadiene				570	U	550	U	610	U	560	U	560	U	570	U	610	U
Hexachloroethane				160	U	150	U	170	U	160	U	160	U	160	U	170	U
Indeno(1,2,3-cd)pyrene	500	500	5,600	160	U	150	U	170	U	**2,200**	-	160	U	160	U	170	U
Isophorone				180	U	170	U	190	U	180	U	180	U	180	U	190	U
Naphthalene	12,000	100,000	500,000	200	U	190	U	210	U	**370**	-	200	U	200	U	210	U
Nitrobenzene				180	U	190	U	170	U	180	U	180	U	180	U	190	U
N-Nitrosodi-n-propylamine				200	U	190	U	210	U	200	U	200	U	200	U	210	U
N-Nitrosodimethylamine				-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine				160	U	150	U	170	U	160	U	160	U	160	U	170	U
Pentachloronitrobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	800	6,700	6,700	160	U	150	U	170	U	160	U	160	U	160	U	170	U
Phenanthrene	100,000	100,000	500,000	120	U	120	U	130	U	**8,600**	-	120	U	120	U	130	U
Phenol	330	100,000	500,000	200	U	190	U	210	U	200	U	200	U	200	U	210	U
Pyrene	100,000	100,000	500,000	120	U	120	U	130	U	**9,600**	-	120	U	120	U	130	U
Pyridine				-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC Restidential SCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Qualifiers
U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
NR - Not analyzed

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 3
Laboratory Results - Soil
Semi Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Commercial Soil Cleanup Objectives*	Goldberg Zoino & Associates - RI - December 2016									
				SB-107				SB-108					
				2/11/2016				2/11/2016					
				(0-2')		(10-12')		(0-2')		(4-6')		(10-12')	
				Lot 57				Lot 57					
				µg/Kg				µg/Kg					
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1-Biphenyl				-	-	-	-	-	-	-	-	-	-
2,2-oxybis(1-Chloropropoane)				-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene				180	U	200	U	190	U	200	U	200	U
1,2,4-Trichlorobenzene				180	U	200	U	190	U	200	U	200	U
1,2-Dichlorobenzene				180	U	200	U	190	U	200	U	200	U
1,2-Diphenylhydrazine				-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene				180	U	200	U	190	U	200	U	200	U
1,4-Dichlorobenzene				180	U	200	U	190	U	200	U	200	U
2,4,5-Trichlorophenol				180	U	200	U	190	U	200	U	200	U
2,4,6-Trichlorophenol				110	U	120	U	120	U	120	U	120	U
2,4-Dichlorophenol				170	U	180	U	170	U	180	U	180	U
2,4-Dimethylphenol				180	U	200	U	190	U	200	U	200	U
2,4-Dinitrophenol				890	U	960	U	930	U	950	U	940	U
2,4-Dinitrotoluene				180	U	200	U	190	U	200	U	200	U
2,6-Dinitrotoluene				180	U	200	U	190	U	200	U	200	U
2-Chloronaphthalene				180	U	200	U	190	U	200	U	200	U
2-Chlorophenol				180	U	200	U	190	U	200	U	200	U
2-Methylnaphthalene				220	U	240	U	**140**	J	240	U	240	U
2-Methylphenol (o-cresol)	330	100,000	500,000	180	U	200	U	**35**	J	200	U	200	U
2-Nitroaniline				180	U	200	U	190	U	200	U	200	U
2-Nitrophenol				400	U	430	U	420	U	420	U	420	U
3,3'-Dichlorobenzidine				180	U	200	U	190	U	200	U	200	U
3&4-Methylphenol (m&p-cresol)	330	100,000	500,000	260	U	290	U	280	U	280	U	280	U
3-Nitroaniline				180	U	200	U	190	U	200	U	200	U
4,6-Dinitro-2-methylphenol				480	U	520	U	500	U	510	U	510	U
4-Bromophenyl phenyl ether				180	U	200	U	190	U	200	U	200	U
4-Chloro-3-methylphenol				180	U	200	U	190	U	200	U	200	U
4-Chloroaniline				180	U	200	U	190	U	200	U	200	U
4-Chlorophenyl phenyl ether				180	U	200	U	190	U	200	U	200	U
4-Nitroaniline				180	U	200	U	190	U	200	U	200	U
4-Nitrophenol				260	U	280	U	270	U	280	U	270	U
Acenaphthene	20,000	100,000	500,000	150	U	160	U	**120**	J	160	U	160	U
Acenaphthylene	100,000	100,000	500,000	150	U	160	U	**71**	J	160	U	160	U
Acetophenone				180	U	200	U	190	U	200	U	200	U
Aniline				-	-	-	-	-	-	-	-	-	-
Anthracene	100,000	100,000	500,000	110	U	120	U	**220**	U	120	U	120	U
Atrazine				-	-	-	-	-	-	-	-	-	-
Benzaldehyde				-	-	-	-	-	-	-	-	-	-
Benz(a)anthracene	1,000	1,000	5,600	110	U	120	U	**1,100**	-	120	U	**26**	J
Benzidine				-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1,000	1,000	1,000	150	U	160	U	**1,000**	-	160	U	160	U
Benzo(b)fluoranthene	1,000	1,000	5,600	110	U	120	U	**1,500**	-	120	U	120	U
Benzo(ghi)perylene	100,000	100,000	500,000	150	U	160	U	**630**	-	160	U	160	U
Benzo(k)fluoranthene	800	3,900	56,000	110	U	120	U	**570**	-	120	U	120	U
Benzoic acid				600	U	650	U	630	U	640	U	640	U
Benzyl Alcohol				180	U	200	U	190	U	200	U	200	U
Biphenyl				420	U	460	U	440	U	450	U	450	U
Benzyl butyl phthalate				180	U	200	U	190	U	200	U	200	U
Bis(2-chloroethoxy)methane				200	U	220	U	210	U	210	U	210	U
Bis(2-chloroethyl)ether				170	U	180	U	170	U	180	U	180	U
Bis(2-chloroisopropyl)ether				220	U	240	U	230	U	240	U	240	U
Bis(2-ethylhexyl)phthalate				180	-	200	-	**900**	U	200	-	200	U
Caprolactam				-	-	-	-	-	-	-	-	-	-
Carbazole				180	U	200	U	**240**	U	200	U	200	U
Chrysene	1,000	3,900	56,000	110	U	120	U	**1,200**	U	**26**	J	120	U
Dibenz(a,h)anthracene	330	330	560	110	U	120	U	**160**	U	120	U	120	U
Dibenzofuran	7,000	59,000	350,000	180	U	200	U	**130**	J	200	U	200	U
Diethyl phthalate				180	U	200	U	190	U	200	U	200	U
Dimethylphthalate				180	U	200	U	190	U	200	U	200	U
Di-n-butylphthalate				180	U	200	U	190	U	200	U	200	U
Di-n-octylphthalate				180	U	200	U	190	U	200	U	200	U
Fluoranthene	100,000	100,000	500,000	110	U	120	U	**3,000**	-	**65**	J	120	U
Fluorene	30,000	100,000	500,000	180	U	200	U	130	U	200	U	200	U
Hexachlorobenzene				110	U	120	U	120	U	120	U	120	U
Hexachlorobutadiene				180	U	200	U	190	U	200	U	200	U
Hexachlorocyclopentadiene				530	U	570	U	550	U	560	U	560	U
Hexachloroethane				150	U	160	U	160	U	160	U	160	U
Indeno(1,2,3-cd)pyrene	500	500	5,600	150	U	160	U	**690**	-	160	U	160	U
Isophorone				170	U	180	U	170	U	180	U	180	U
Naphthalene	12,000	100,000	500,000	180	U	200	U	**130**	J	200	U	200	U
Nitrobenzene				170	U	180	U	170	U	180	U	180	U
N-Nitrosodi-n-propylamine				180	U	200	U	190	U	200	U	200	U
N-Nitrosodimethylamine				-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine				150	U	160	U	160	U	160	U	160	U
Pentachloronitrobenzene				-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	800	6,700	6,700	150	U	160	U	160	U	160	U	160	U
Phenanthrene	100,000	100,000	500,000	110	U	120	U	2,200	U	120	U	**49**	J
Phenol	330	100,000	500,000	180	U	200	U	190	U	200	U	200	U
Pyrene	100,000	100,000	500,000	110	U	120	U	2,600	U	120	U	**54**	J
Pyridine				-	-	-	-	-	-	-	-	-	-

Notes:
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Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
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Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 4
Laboratory Results - Soil
Pesticides/PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Commercial Soil Cleanup Objectives*	EBC - Remedial Invesitgation - 2007															
					E1				E2				E3				E4			
					8/16/2007 (0-4') Lot 57		8/16/2007 (8-12') Lot 57		8/16/2007 (0-4') Lot 57		8/16/2007 (8-12') Lot 57		8/16/2007 (0-4') Lot 17		8/16/2007 (8-12') Lot 17		8/16/2007 (0-4') Lot 17		8/16/2007 (8-12') Lot 17	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Pesticides	4,4' -DDD	3.3	13,000	92,000	0.79	U	0.87	U	0.82	U	0.85	U	0.83	U	0.85	U	0.79	U	0.89	U
	4,4' -DDE	3.3	8,900	62,000	0.89	U	0.98	U	0.92	U	0.95	U	0.93	U	0.96	U	0.89	U	1.0	U
	4,4' -DDT	3.3	7,900	47,000	0.82	U	0.89	U	0.84	U	0.87	U	0.85	U	0.88	U	0.82	U	0.92	U
	a-BHC	20	480	3,400	0.72	U	0.79	U	0.75	U	0.77	U	0.76	U	0.78	U	0.72	U	0.81	U
	a-Chlordane	94	4,200	24,000	0.95	U	1.0	U	0.98	U	1.0	U	0.99	U	1.0	U	0.95	U	1.1	U
	Aldrin	5	97	680	1.4	U	1.5	U	1.4	U	1.5	U	1.5	U	1.5	U	1.4	U	1.6	U
	b-BHC	36	360	3,000	0.99	U	1.1	U	1.0	U	1.1	U	1.0	U	1.1	U	0.99	U	1.1	U
	Chlordane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	d-BHC	40	100,000	500,000	1.8	U	2.0	U	1.9	U	2.0	U	1.9	U	2.0	U	1.8	U	2.1	U
	Dieldrin	5	200	1,400	0.94	U	1.0	U	0.97	U	1.0	U	0.98	U	1.0	U	0.93	U	1.0	U
	Endosulfan I	2,400	24,000	200,000	1.0	U	1.1	U	1.0	U	1.1	U	1.0	U	1.1	U	1.0	U	1.1	U
	Endosulfan II	2,400	24,000	200,000	1.1	U	1.2	U	1.1	U	1.1	U	1.1	U	1.2	U	1.1	U	1.2	U
	Endosulfan sulfate	2,400	24,000	200,000	1.2	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.2	U	1.4	U
	Endrin	14	11,000	89,000	0.96	U	1.1	U	1.0	U	1.0	U	1.0	U	1.0	U	0.96	U	1.1	U
	Endrin aldehyde				1.1	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.1	U	1.3	U
	Endrin ketone				0.93	U	1.0	U	0.96	U	1.0	U	0.98	U	1.0	U	0.93	U	1.0	U
	g-BHC				0.81	U	0.89	U	0.84	U	0.87	U	0.85	U	0.87	U	0.81	U	0.91	U
	g-Chlordane				0.99	U	1.1	U	1.0	U	1.1	U	1.0	U	1.1	U	0.99	U	1.1	U
	Heptachlor	42	2,100	15,000	1.1	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U
	Heptachlor epoxide				1.2	U	1.3	U	1.2	U	1.3	U	1.3	U	1.3	U	1.2	U	1.3	U
	Methoxychlor				0.97	U	1.1	U	1.0	U	1.0	U	1.0	U	1.0	U	0.97	U	1.1	U
	Toxaphene				4.1	U	4.4	U	4.2	U	4.3	U	4.2	U	4.4	U	4.0	U	4.6	U
	PCB-1016	100	100,000	500,000	2.9	U	3.1	U	3.0	U	3.1	U	3.1	U	3.1	U	2.8	U	3.2	U
	PCB-1221	100	100,000	500,000	4.5	U	4.9	U	4.6	U	4.8	U	4.7	U	4.8	U	4.4	U	5.0	U
	PCB-1232	100	100,000	500,000	6.7	U	7.3	U	6.9	U	7.2	U	7.1	U	7.1	U	6.6	U	7.5	U
	PCB-1242	100	100,000	500,000	5.9	U	6.5	U	6.1	U	6.4	U	6.3	U	6.3	U	5.9	U	6.7	U
	PCB-1248	100	100,000	500,000	2.9	U	3.2	U	3.0	U	3.1	U	3.1	U	3.1	U	2.9	U	3.3	U
	PCB-1254	100	100,000	500,000	1.9	U	2.1	U	1.9	U	2.0	U	2.0	U	2.0	U	1.9	U	2.1	U
	PCB-1260	100	100,000	500,000	4.8	U	5.2	U	4.9	U	5.2	U	5.1	U	5.1	U	4.7	U	5.4	U
	PCB-1262	100	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	PCB-1268	100	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Restidential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Qualifiers

U - The compound was not detected at the indicated concentration.

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P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

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Table 4
Laboratory Results - Soil
Pesticides/PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Commercial Soil Cleanup Objectives*	EBC - Remedial Invesitgation - 2007													
					E5				E6				E7		E12			
					8/16/2007 (0-4') Lot 21		8/16/2007 (8-12') Lot 21		8/16/2007 (0-4') Lot 18		8/16/2007 (8-12') Lot 18		8/17/2007 (0-4') Lot 17		8/17/2007 (0-4') Lot 17		8/17/2007 (8-12') Lot 17	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Pesticides	4,4' -DDD	3.3	13,000	92,000	0.85	U	0.82	U	0.75	U	0.80	U	0.74	U	0.76	U	0.91	U
	4,4' -DDE	3.3	8,900	62,000	0.95	U	0.92	U	0.84	U	0.90	U	0.82	U	0.85	U	1.0	U
	4,4' -DDT	3.3	7,900	47,000	0.87	U	0.84	U	0.77	U	0.82	U	0.75	U	0.78	U	0.94	U
	a-BHC	20	480	3,400	0.77	U	0.74	U	0.68	U	0.73	U	0.67	U	0.69	U	0.83	U
	a-Chlordane	94	4,200	24,000	1.0	U	0.97	U	0.89	U	0.95	U	0.88	U	0.91	U	1.1	U
	Aldrin	5	97	680	1.5	U	1.4	U	1.3	U	1.4	U	1.3	U	1.3	U	1.6	U
	b-BHC	36	360	3,000	1.1	U	1.0	U	0.93	U	1.0	U	0.92	U	0.95	U	1.1	U
	Chlordane				-	-	-	-	-	-	-	-	-	-				
	d-BHC	40	100,000	500,000	2.0	U	1.9	U	1.7	U	1.9	U	1.7	U	1.8	U	2.1	U
	Dieldrin	5	200	1,400	1.0	U	0.96	U	0.88	U	0.94	U	0.86	U	0.89	U	1.1	U
	Endosulfan I	2,400	24,000	200,000	1.1	U	1.0	U	0.94	U	1.0	U	0.92	U	0.95	U	1.1	U
	Endosulfan II	2,400	24,000	200,000	1.1	U	1.1	U	1.0	U	1.1	U	0.99	U	1.0	U	1.2	U
	Endosulfan sulfate	2,400	24,000	200,000	1.3	U	1.3	U	1.1	U	1.2	U	1.1	U	1.2	U	1.4	U
	Endrin	14	11,000	89,000	1.0	U	0.99	U	0.91	U	0.97	U	0.89	U	0.92	U	1.1	U
	Endrin aldehyde				1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.3	U
	Endrin ketone				0.99	U	0.96	U	0.88	U	0.94	U	0.86	U	0.89	U	1.1	U
	g-BHC				0.87	U	0.84	U	0.77	U	0.82	U	0.75	U	0.78	U	0.94	U
	g-Chlordane				1.1	U	1.0	U	0.93	U	0.99	U	0.91	U	0.95	U	1.1	U
	Heptachlor	42	2,100	15,000	1.1	U	1.1	U	0.99	U	1.1	U	0.97	U	1.0	U	1.2	U
	Heptachlor epoxide				1.3	U	1.2	U	1.1	U	1.2	U	1.1	U	1.1	U	1.4	U
	Methoxychlor				1.0	U	1.0	U	0.92	U	0.98	U	0.90	U	0.93	U	1.1	U
	Toxaphene				4.3	U	4.2	U	3.8	U	4.1	U	3.7	U	3.9	U	4.7	U
	PCB-1016	100	100,000	500,000	3.1	U	3.0	U	2.7	U	2.9	U	2.7	U	2.7	U	3.3	U
	PCB-1221	100	100,000	500,000	4.8	U	4.6	U	4.2	U	4.5	U	4.2	U	4.2	U	5.1	U
	PCB-1232	100	100,000	500,000	7.1	U	6.9	U	6.2	U	6.8	U	6.3	U	6.4	U	7.6	U
	PCB-1242	100	100,000	500,000	6.3	U	6.1	U	5.5	U	6.0	U	5.6	U	5.6	U	6.8	U
	PCB-1248	100	100,000	500,000	3.1	U	3.0	U	2.7	U	2.9	U	2.7	U	2.7	U	3.3	U
	PCB-1254	100	100,000	500,000	2.0	U	1.9	U	1.8	U	1.9	U	1.8	U	1.8	U	2.1	U
	PCB-1260	100	100,000	500,000	5.1	U	4.9	U	4.5	U	4.8	U	38	-	4.5	U	5.4	U
	PCB-1262	100	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	PCB-1268	100	100,000	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

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Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Restidential SCO Guidance Value

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Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 4
Laboratory Results - Soil
Pesticides/PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Commercial Soil Cleanup Objectives*	EBC - Remedial Invesitgation - 2007								Goldberg Zoino & Asso. - RI - Dec 2016					
					E13				E14				SB-101					
					8/17/2007		8/17/2007		8/17/2007		8/17/2007		2/12/2016					
					(0-4')		(8-12')		(0-4')		(8-12')		(0-2')		(5-7')		(10-12')	
					Lot 20				Lot 21				Lot 57					
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg					
					Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Pesticides	4,4' -DDD	3.3	13,000	92,000	0.82	U	0.89	U	0.80	U	0.86	U	1.91	U	1.93	U	1.88	U
	4,4' -DDE	3.3	8,900	62,000	0.92	U	1.0	U	0.89	U	0.96	U	**0.854**	J	**3.54**	U	**0.894**	J
	4,4' -DDT	3.3	7,900	47,000	0.85	U	0.92	U	0.82	U	0.88	U	3.59	U	3.61	U	3.52	U
	a-BHC	20	480	3,400	0.75	U	0.81	U	0.73	U	0.78	U	0.798	U	0.803	U	0.781	U
	a-Chlordane	94	4,200	24,000	0.98	U	1.1	U	0.95	U	1.0	U	2.39	U	2.41	U	2.34	U
	Aldrin	5	97	680	1.4	U	1.6	U	1.4	U	1.5	U	1.91	U	1.93	U	1.88	U
	b-BHC	36	360	3,000	1.0	U	1.1	U	0.99	U	1.1	U	1.91	U	1.93	U	1.88	U
	Chlordane												1.56	U	15.7	U	1.52	U
	d-BHC	40	100,000	500,000	1.9	U	2.1	U	1.8	U	2.0	U	1.91	U	1.93	U	1.88	U
	Dieldrin	5	200	1,400	0.97	U	1.0	U	0.94	U	1.0	U	1.2	U	**1.81**	PI	**0.906**	J
	Endosulfan I	2,400	24,000	200,000	1.0	U	1.1	U	1.0	U	1.1	U	1.91	U	1.93	U	1.88	U
	Endosulfan II	2,400	24,000	200,000	1.1	U	1.2	U	1.1	U	1.2	U	1.91	U	1.93	U	1.88	U
	Endosulfan sulfate	2,400	24,000	200,000	1.3	U	1.4	U	1.2	U	1.3	U	0.798	U	0.803	U	0.781	U
	Endrin	14	11,000	89,000	1.0	U	1.1	U	0.97	U	1.0	U	0.798	U	0.803	U	0.781	U
	Endrin aldehyde				1.2	U	1.3	U	1.1	U	1.2	U	2.39	U	2.41	U	2.34	U
	Endrin ketone				0.97	U	1.0	U	0.93	U	1.0	U	1.91	U	1.93	U	1.88	U
	g-BHC				0.84	U	0.91	U	0.82	U	0.88	U	0.798	U	0.803	U	0.781	U
	g-Chlordane				1.0	U	1.1	U	0.99	U	1.1	U	2.39	U	2.41	U	2.34	U
	Heptachlor	42	2,100	15,000	1.1	U	1.2	U	1.1	U	1.1	U	0.957	U	0.964	U	0.938	U
	Heptachlor epoxide				1.2	U	1.3	U	1.2	U	1.3	U	3.59	U	3.61	U	3.52	U
	Methoxychlor				1.0	U	1.1	U	0.98	U	1.1	U	3.59	U	3.61	U	3.52	U
	Toxaphene				4.2	U	4.6	U	4.1	U	4.4	U	35.9	U	36.1	U	35.2	U
	PCB-1016	100	100,000	500,000	3.0	U	3.2	U	2.8	U	3.1	U	39.4	U	38.4	U	38.3	U
	PCB-1221	100	100,000	500,000	4.6	U	5.0	U	4.4	U	4.8	U	39.4	U	38.4	U	38.3	U
	PCB-1232	100	100,000	500,000	6.9	U	7.4	U	6.6	U	7.2	U	39.4	U	38.4	U	38.3	U
	PCB-1242	100	100,000	500,000	6.1	U	6.6	U	5.9	U	6.4	U	39.4	U	38.4	U	38.3	U
	PCB-1248	100	100,000	500,000	3.0	U	3.2	U	2.9	U	3.1	U	39.4	U	38.4	U	38.3	U
	PCB-1254	100	100,000	500,000	1.9	U	2.1	U	1.9	U	2.0	U	39.4	U	38.4	U	38.3	U
	PCB-1260	100	100,000	500,000	4.9	U	5.3	U	4.7	U	5.1	U	**26.1**	J	**12.8**	J	**26.4**	J
	PCB-1262	100	100,000	500,000	-	-	-	-	-	-	-	-	39.4	U	38.4	U	38.3	U
	PCB-1268	100	100,000	500,000	-	-	-	-	-	-	-	-	39.4	U	38.4	U	38.3	U

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Restidential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Qualifiers

U - The compound was not detected at the indicated concentration.

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P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

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Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 4
Laboratory Results - Soil
Pesticides/PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Commercial Soil Cleanup Objectives*	Goldberg Zoino & Associates - Remedial Investigation - December 2016																	
					SB-102						SB-103						SB-104					
					2/12/2016						2/12/2016						2/11/2016					
					(0-2')		(5-7')		(10-12')		(0-2')		(4-6')		(10-12')		(0-2')		(5-7')		(10-12')	
					Lot 17						Lot 57						Lot 57					
					µg/Kg						µg/Kg						µg/Kg					
					Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Pesticides	4,4' -DDD	3.3	13,000	92,000	1.9	U	1.84	U	1.95	U	2.02	U	1.92	U	1.88	U	1.89	U	1.78	U	1.97	U
	4,4' -DDE	3.3	8,900	62,000	1.9	U	1.84	U	1.95	U	2.02	U	1.92	U	1.88	U	**0.542**	J	1.78	U	1.97	U
	4,4' -DDT	3.3	7,900	47,000	3.56	U	3.44	U	3.65	U	3.79	U	3.61	U	3.53	U	3.55	U	3.33	U	3.69	U
	a-BHC	20	480	3,400	0.791	U	0.764	U	0.812	U	0.843	U	0.802	U	0.785	U	0.789	U	0.74	U	0.82	U
	a-Chlordane	94	4,200	24,000	2.37	U	2.29	U	2.44	U	2.53	U	2.4	U	2.36	U	**0.8**	J	1.02	U	2.46	U
	Aldrin	5	97	680	1.9	U	1.84	U	1.95	U	2.02	U	1.92	U	1.88	U	1.89	U	1.78	U	1.97	U
	b-BHC	36	360	3,000	1.9	U	1.84	U	1.95	U	2.02	U	1.92	U	1.88	U	1.89	U	1.78	U	1.97	U
	Chlordane				15.4	U	14.9	U	15.8	U	16.4	U	15.6	U	15.3	U	15.4	U	14.4	U	16	U
	d-BHC	40	100,000	500,000	1.9	U	1.84	U	1.95	U	2.02	U	1.92	U	1.88	U	1.89	U	1.78	U	1.97	U
	Dieldrin	5	200	1,400	1.19	U	1.15	U	1.22	U	1.26	U	1.2	U	1.18	U	**0.649**	J	1.11	U	1.23	U
	Endosulfan I	2,400	24,000	200,000	1.9	U	1.84	U	1.95	U	2.02	U	1.92	U	1.88	U	1.89	U	1.78	U	1.97	U
	Endosulfan II	2,400	24,000	200,000	1.9	U	1.84	U	1.95	U	2.02	U	1.92	U	1.88	U	1.89	U	1.78	U	1.97	U
	Endosulfan sulfate	2,400	24,000	200,000	0.791	U	0.764	U	0.812	U	0.843	U	0.802	U	0.785	U	0.789	U	0.74	U	0.82	U
	Endrin	14	11,000	89,000	0.791	U	0.764	U	0.812	U	0.843	U	0.802	U	0.785	U	0.789	U	0.74	U	0.82	U
	Endrin aldehyde				2.37	U	2.29	U	2.44	U	2.53	U	**1.08**		2.36	U	2.37	U	2.22	U	2.46	U
	Endrin ketone				1.9	U	1.84	U	1.95	U	2.02	U	1.92	U	1.88	U	1.89	U	1.78	U	1.97	U
	g-BHC				0.791	U	0.764	U	0.812	U	0.843	U	0.802	U	0.785	U	0.789	U	0.74	U	0.82	U
	g-Chlordane				2.37	U	2.29	U	2.44	U	2.53	U	2.4	U	**2.36**		**0.847**	JPI	2.22	U	**2.04**	J
	Heptachlor	42	2,100	15,000	0.949	U	0.918	U	0.974	U	1.01	U	0.962	U	0.942	U	0.947	U	0.888	U	0.984	U
	Heptachlor epoxide				3.56	U	3.44	U	3.65	U	**2.54**	J	3.61	U	3.53	U	3.55	U	3.33	U	3.69	U
	Methoxychlor				3.56	U	3.44	U	3.65	U	3.79	U	3.61	U	3.53	U	3.55	U	3.33	U	3.69	U
	Toxaphene				35.6	U	34.4	U	36.5	U	37.9	U	36.1	U	35.3	U	35.5	U	33.3	U	36.9	U
	PCB-1016	100	100,000	500,000	38.8	U	38.5	U	40.4	U	41	U	39.7	U	39.4	U	39.2	U	37.7	U	40.5	U
	PCB-1221	100	100,000	500,000	38.8	U	38.5	U	40.4	U	41	U	39.7	U	39.4	U	39.2	U	37.7	U	40.5	U
	PCB-1232	100	100,000	500,000	38.8	U	38.5	U	40.4	U	41	U	39.7	U	39.4	U	39.2	U	37.7	U	40.5	U
	PCB-1242	100	100,000	500,000	38.8	U	38.5	U	40.4	U	41	U	39.7	U	39.4	U	39.2	U	37.7	U	40.5	U
	PCB-1248	100	100,000	500,000	38.8	U	38.5	U	40.4	U	41	U	39.7	U	39.4	U	39.2	U	37.7	U	40.5	U
	PCB-1254	100	100,000	500,000	38.8	U	38.5	U	40.4	U	41	U	39.7	U	39.4	U	39.2	U	37.7	U	40.5	U
	PCB-1260	100	100,000	500,000	38.8	U	38.5	U	40.4	U	41	U	39.7	U	39.4	U	**13.2**	J	**13.2**	J	40.5	U
	PCB-1262	100	100,000	500,000	38.8	U	38.5	U	40.4	U	41	U	39.7	U	39.4	U	39.2	U	37.7	U	40.5	U
	PCB-1268	100	100,000	500,000	38.8	U	38.5	U	40.4	U	41	U	39.7	U	39.4	U	39.2	U	37.7	U	40.5	U

Notes:

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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

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NR - Not analyzed

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
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Table 4
Laboratory Results - Soil
Pesticides/PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Commercial Soil Cleanup Objectives*	Goldberg Zoino & Associates - Remedial Investigation - December 2016																	
					SB-105				SB-106				SB-107				SB-108					
					2/11/2016				2/11/2016				2/11/2016				2/11/2016					
					(0-2')		(10-12')		(0-2')		(10-12')		(0-2')		(10-12')		(0-2')		(4-6')		(10-12')	
					Lot 57				Lot 57				Lot 57				Lot 57					
					µg/Kg				µg/Kg				µg/Kg				µg/Kg					
					Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	RL
Pesticides	4,4' -DDD	3.3	13,000	92,000	1.87	U	1.82	U	1.96	U	2.02	U	1.77	U	1.9	U	1.89	U	1.85	U	1.85	U
	4,4' -DDE	3.3	8,900	62,000	**17.9**	U	1.82	U	1.96	U	2.02	U	1.77	U	1.9	U	**2.2**	U	1.85	U	1.85	U
	4,4' -DDT	3.3	7,900	47,000	77	U	3.41	U	3.68	U	3.79	U	3.31	U	3.57	U	**1.9**	JPI	3.47	U	3.47	U
	a-BHC	20	480	3,400	0.78	U	0.757	U	0.817	U	0.842	U	0.736	U	0.793	U	0.789	U	0.772	U	0.77	U
	a-Chlordane	94	4,200	24,000	2.34	U	2.27	U	**1.46**	J	**1.52**	J	**1.83**	J	**1.52**	JPI	**1.71**	JPI	2.32	U	**1.77**	J
	Aldrin	5	97	680	1.87	U	1.82	U	1.96	U	2.02	U	1.77	U	1.9	U	1.89	U	1.85	U	1.85	U
	b-BHC	36	360	3,000	1.87	U	1.82	U	1.96	U	2.02	U	1.77	U	1.9	U	1.89	U	1.85	U	1.85	U
	Chlordane				15.2	U	14.8	U	15.9	U	16.4	U	14.3	U	15.5	U	15.4	U	15	U	15	U
	d-BHC	40	100,000	500,000	1.87	U	1.82	U	1.96	U	2.02	U	1.77	U	1.9	U	1.89	U	1.85	U	1.85	U
	Dieldrin	5	200	1,400	1.17	U	1.14	U	1.22	U	1.26	U	1.1	U	1.19	U	1.18	U	1.16	U	1.16	U
	Endosulfan I	2,400	24,000	200,000	1.87	U	1.82	U	1.96	U	2.02	U	1.77	U	1.9	U	1.89	U	1.85	U	1.85	U
	Endosulfan II	2,400	24,000	200,000	1.87	U	1.82	U	1.96	U	2.02	U	1.77	U	1.9	U	1.89	U	1.85	U	1.85	U
	Endosulfan sulfate	2,400	24,000	200,000	0.78	U	0.757	U	0.817	U	0.842	U	0.736	U	0.793	U	0.789	U	0.772	U	0.77	U
	Endrin	14	11,000	89,000	0.78	U	0.757	U	0.817	U	0.842	U	0.736	U	0.793	U	0.789	U	0.772	U	0.77	U
	Endrin aldehyde				2.34	U	2.27	U	2.45	U	2.53	U	2.21	U	2.38	U	2.37	U	2.32	U	2.31	U
	Endrin ketone				1.87	U	1.82	U	1.96	U	2.02	U	1.77	U	1.9	U	1.89	U	1.85	U	1.85	U
	g-BHC				0.78	U	0.757	U	0.817	U	0.842	U	0.736	U	0.793	U	0.789	U	0.772	U	0.77	U
	g-Chlordane				**2.02**	JPI	**0.72**	JPI	**1.46**	J	**1.13**	JPI	**2**	J	3.24	U	**1.47**	JPI	**0.97**	JPI	**0.888**	JPI
	Heptachlor	42	2,100	15,000	0.936	U	0.909	U	0.98	U	1.01	U	0.883	U	0.952	U	0.947	U	0.926	U	0.924	U
	Heptachlor epoxide				3.51	U	3.41	U	3.68	U	3.79	U	3.31	U	3.57	U	3.55	U	3.47	U	3.47	U
	Methoxychlor				3.51	U	3.41	U	3.68	U	3.79	U	3.31	U	3.57	U	3.55	U	3.47	U	3.47	U
	Toxaphene				35.1	U	34.1	U	36.8	U	37.9	U	33.1	U	35.7	U	35.5	U	34.7	U	34.7	U
	PCB-1016	100	100,000	500,000	38.7	U	39	U	39.4	U	41	U	36	U	39.5	U	39.5	U	38.3	U	37.7	U
	PCB-1221	100	100,000	500,000	38.7	U	39	U	39.4	U	41	U	36	U	39.5	U	39.5	U	38.3	U	37.7	U
	PCB-1232	100	100,000	500,000	38.7	U	39	U	39.4	U	41	U	36	U	39.5	U	39.5	U	38.3	U	37.7	U
	PCB-1242	100	100,000	500,000	38.7	U	39	U	39.4	U	41	U	36	U	39.5	U	39.5	U	38.3	U	37.7	U
	PCB-1248	100	100,000	500,000	38.7	U	39	U	39.4	U	41	U	36	U	39.5	U	39.5	U	38.3	U	37.7	U
	PCB-1254	100	100,000	500,000	38.7	U	39	U	39.4	U	41	U	36	U	39.5	U	39.5	U	38.3	U	37.7	U
	PCB-1260	100	100,000	500,000	**13**	J	39	U	39.4	U	41	U	36	U	39.5	U	39.5	U	38.3	U	37.7	U
	PCB-1262	100	100,000	500,000	38.7	U	39	U	39.4	U	41	U	36	U	39.5	U	39.5	U	38.3	U	37.7	U
	PCB-1268	100	100,000	500,000	38.7	U	39	U	39.4	U	41	U	36	U	39.5	U	39.5	U	38.3	U	37.7	U

Notes:

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Bold/highlighted- Indicated exceedance of the NYSDEC Restidential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Qualifiers

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J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

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NR - Not analyzed

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22-32 Clay Street 67-93 Dupont Street
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Table 5
Laboratory Results - Soil
TAL Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Commercial Soil Cleanup Objectives*	EBC - Remedial Investigation - 2007															
				E1				E2				E3				E4			
				8/16/2007 (0-4') Lot 57		8/16/2007 (8-12') Lot 57		8/16/2007 (0-4') Lot 57		8/16/2007 (8-12') Lot 57		8/16/2007 (0-4') Lot 17		8/16/2007 (8-12') Lot 17		8/16/2007 (0-4') Lot 17		8/16/2007 (8-12') Lot 17	
				mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Aluminum				**12000**	-	**8060**	-	**14500**	-	**7430**	-	**15800**	-	**6250**	-	**8630**	-	**17800**	-
Antimony				0.259	U	0.283	U	0.267	U	0.278	U	0.271	U	0.276	U	0.258	U	0.291	U
Arsenic	13	16	16	**3.080**	-	**1.160**	-	**3.540**	-	**1.470**	-	**3.330**	-	**5.960**	-	**6.050**	-	**1.380**	-
Barium	350	400	400	**23.2**	-	**34.6**	-	**38.4**	-	**40.8**	-	**61.4**	-	**18.6**	-	**60.2**	-	**145**	-
Beryllium	7.2	72	590	**0.486**	-	**0.423**	-	**0.575**	-	**0.476**	-	**0.577**	-	**0.576**	-	**0.479**	-	**1.010**	-
Cadmium	2.5	4.3	9.3	0.652	J	0.154	J	**0.790**	-	**0.346**	J	**0.565**	J	**0.340**	J	**0.300**	J	**0.803**	J
Calcium				**815**	-	**1210**	-	**1170**	-	**3260**	-	**1040**	-	**993**	-	**2120**	-	**2130**	-
Chromium	30	180	400	**14.3**	-	**16.0**	-	**18.8**	-	**18.4**	-	**21.5**	-	**13.1**	-	**13.3**	-	**43.4**	-
Cobalt				**8.400**	-	**5.550**	-	**14.4**	-	**8.640**	-	**12.2**	-	**11.3**	-	**8.440**	-	**19.3**	-
Copper	50	270	270	**23.6**	-	**10.0**	-	**24.3**	-	**15.6**	-	**19.5**	-	**10.9**	-	**17.2**	-	**32.8**	-
Iron				**21400**	-	**11700**	-	**23200**	-	**16200**	-	**23200**	-	**17900**	-	**19800**	-	**34000**	-
Lead	63	400	1,000	**9.000**	-	**6.690**	-	**25.8**	-	**8.920**	-	**18.2**	-	**8.190**	-	**80.0**	-	**11.6**	-
Magnesium				**3900**	-	**2670**	-	**3900**	-	**3270**	-	**4140**	-	**2020**	-	**3100**	-	**8670**	-
Manganese	1,600	2,000	10,000	**555**	-	**107**	-	**620**	-	**175**	-	**229**	-	**175**	-	**477**	-	**837**	-
Mercury	0.18	0.81	2.8	**0.012**	-	**0.005**	J	**0.029**	-	**0.012**	J	**0.048**	-	**0.015**	-	0.004	U	**0.249**	-
Nickel	30	310	310	**19.9**	-	**14.7**	-	**21.4**	-	**17.1**	-	**20.9**	-	**13.8**	-	**14.8**	-	**37.7**	-
Potassium				**885**	-	**1120**	-	**945**	-	**1440**	-	**1150**	-	**665**	-	**912**	-	**4820**	-
Selenium	3.9	180	1,500	0.137	U	0.150	U	0.142	U	0.147	U	0.143	U	0.146	U	0.137	U	0.154	U
Silver	2	180	1,500	0.423	-	0.150	U	0.445	-	**0.160**	J	**0.535**	-	**0.430**	-	**0.867**	-	**1.720**	-
Sodium				**124**	-	**38.3**	J	**154**	-	**104**	-	**76.5**	J	23.5	U	22.0	U	**113**	-
Thallium				1.440	U	1.570	U	1.490	U	1.550	U	1.510	U	1.540	U	1.440	U	1.620	U
Vanadium				**20.8**	-	**16.8**	-	**25.1**	-	**24.1**	-	**26.4**	-	**17.9**	-	**21.3**	-	**49.3**	-
Zinc	109	10,000	10,000	**169**	-	**48.0**	-	**164**	-	**60.2**	-	**87.3**	-	**61.9**	-	**83.7**	-	**125**	-

Notes:

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RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

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NR - Not analyzed

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

TABLE 5
Laboratory Results - Soil
TAL Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Commercial Soil Cleanup Objectives*	EBC - Remedial Investigation - 2007													
				E5				E6				E7		E12			
				8/16/2007 (0-4') Lot 21		8/16/2007 (8-12') Lot 21		8/16/2007 (0-4') Lot 18		8/16/2007 (8-12') Lot 18		8/17/2007 (0-4') Lot 17		8/17/2007 (0-4') Lot 17		8/17/2007 (8-12') Lot 17	
				mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Aluminum				**13000**	-	**4740**	-	**5650**	-	**12200**	-	**8550**	-	**9340**	-	**25200**	-
Antimony				0.274	U	0.268	U	0.244	U	0.263	U	0.242	U	0.244	U	0.299	U
Arsenic	13	16	16	**4.140**	-	**3.400**	-	**4.970**	-	**0.457**	J	**2.440**	-	**4.770**	-	**0.967**	-
Barium	350	400	400	**35.8**	-	**17.0**	-	**21.2**	-	**99.9**	-	**72.7**	-	**82.2**	-	**221**	-
Beryllium	7.2	72	590	**0.550**	-	**0.357**	-	**0.457**	-	**0.604**	-	**0.591**	-	**0.490**	-	**1.380**	-
Cadmium	2.5	4.3	9.3	**0.691**	J	**0.066**	J	**0.318**	J	**1.060**	-	**0.804**	-	**1.900**	-	**1.670**	-
Calcium				**537**	-	**463**	-	**487**	-	**826**	-	**5810**	-	**1570**	-	**1720**	-
Chromium	30	180	400	**16.9**	-	**10.0**	-	**10.9**	-	**31.6**	-	**21.7**	-	**25.3**	-	**77.0**	-
Cobalt				**11.7**	-	**5.520**	-	**6.850**	-	**8.800**	-	**11.9**	-	**8.240**	-	**27.1**	-
Copper	50	270	270	**30.5**	-	**5.740**	-	**8.830**	-	**27.8**	-	**69.1**	-	**78.9**	-	**53.8**	-
Iron				**25400**	-	**7730**	-	**15700**	-	**31900**	-	**22800**	-	**34300**	-	**44300**	-
Lead	63	400	1,000	**26.0**	-	**5.220**	-	**6.280**	-	**8.230**	-	**58.1**	-	**380**	-	**14.9**	-
Magnesium				**4450**	-	**1870**	-	**1940**	-	**6600**	-	**4440**	-	**4720**	-	**11600**	-
Manganese	1,600	2,000	10,000	**620**	-	**111**	-	**360**	-	**203**	-	**641**	-	**258**	-	**921**	-
Mercury	0.18	0.81	2.8	**0.019**	-	0.004	U	**0.008**	J	**0.009**	J	**0.041**	-	**0.004**	J	**1.8**	-
Nickel	30	310	310	**21.3**	-	**9.270**	-	**11.3**	-	**21.7**	-	**19.3**	-	**16.8**	-	**51.5**	-
Potassium				**969**	-	**877**	-	**718**	-	**3940**	-	**2620**	-	**2700**	-	9023.8	OR
Selenium	3.9	180	1,500	0.145	U	0.142	U	0.129	U	0.139	U	0.128	U	0.129	U	0.158	U
Silver	2	180	1,500	**0.753**	-	0.142	U	**0.307**	J	**0.506**	-	**1.070**	-	**1.860**	-	**2.260**	-
Sodium				23.2	U	**42.8**	J	20.7	U	22.3	U	**112**	-	**178**	-	**274**	-
Thallium				1.520	U	1.490	U	1.350	U	1.460	U	1.340	U	1.350	U	1.660	U
Vanadium				**24.2**	-	**17.2**	-	**18.3**	-	**45.6**	-	**27.9**	-	**33.0**	-	**73.0**	-
Zinc	109	10,000	10,000	**91.2**	-	**49.3**	-	**40.0**	-	**135**	-	**184**	-	**542**	-	**279**	-

Notes:

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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Qualifiers

U - The compound was not detected at the indicated concentration.

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Former NuHart Facility East
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Brooklyn, New York

Table 5
Laboratory Results - Soil
TAL Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Commercial Soil Cleanup Objectives*	EBC - Remedial Investigation - 2007								Goldberg Zoino & Assoc. - RI - Dec 2016					
				E13				E14				SB-101					
				8/17/2007		8/17/2007		8/17/2007		8/17/2007		2/12/2016					
				(0-4')		(8-12')		(0-4')		(8-12')		(0-2')		(5-7')		(10-12')	
				Lot 20				Lot 21				Lot 57					
				mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg					
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Aluminum				**12600**	-	**8150**	-	**14500**	-	**14300**	-	**6,700**	-	**3,500**	-	**7,300**	-
Antimony				0.270	U	0.290	U	**8.090**	-	0.279	U	4.8	U	4.7	U	4.8	U
Arsenic	13	16	16	**7.810**	-	**5.090**	-	**3.940**	-	**0.413**	J	**3**	-	**2.5**	-	**2.5**	-
Barium	350	400	400	**40.0**	-	**45.6**	-	**86.3**	-	**116**	-	**22**	-	**13**	-	**34**	-
Beryllium	7.2	72	590	**0.614**	-	**0.536**	-	**0.993**	-	**0.930**	-	**0.29**	J	**0.27**	J	**0.32**	J
Cadmium	2.5	4.3	9.3	**0.669**	J	**0.607**	J	**1.080**	-	**0.858**	-	0.96	-	0.94	-	0.95	-
Calcium				**1120**	-	**2330**	-	**1850**	-	**1220**	-	**1,900**	-	**3,600**	-	**620**	-
Chromium	30	180	400	**17.4**	-	**16.0**	-	**24.4**	-	**34.8**	-	**11**	-	**7.7**	-	**9**	-
Cobalt				**10.9**	-	**10.0**	-	**18.0**	-	20.4	-	**6.6**	-	**2.9**	-	**4.3**	-
Copper	50	270	270	**23.0**	-	**15.9**	-	**30.4**	-	**31.4**	-	**11**	-	**4.7**	-	**8.2**	-
Iron				**25200**	-	**20800**	-	**29600**	-	**34200**	-	**14,000**	-	**7400**	-	**12000**	-
Lead	63	400	1,000	**23.6**	-	**19.8**	-	**52.3**	-	**9.800**	-	**4.8**	-	**2.9**	J	**14**	-
Magnesium				**3790**	-	**2950**	-	**5330**	-	**7370**	-	1,900	-	1300	-	2100	-
Manganese	1,600	2,000	10,000	**593**	-	**720**	-	**838**	-	**733**	-	**430**	-	**74**	-	**240**	-
Mercury	0.18	0.81	2.8	**0.038**	-	**0.007**	J	**0.010**	J	0.004	U	**0.05**	J	**0.03**	J	**0.08**	J
Nickel	30	310	310	**16.9**	-	**18.7**	-	**26.0**	-	**31.4**	-	**10**	-	**5.5**	-	**9**	-
Potassium				**1260**	-	**1220**	-	**2270**	-	**4830**	-	**400**	-	**460**	-	**490**	-
Selenium	3.9	180	1,500	0.143	U	0.153	U	0.137	U	0.148	U	1.9	U	1.9	U	1.9	U
Silver	2	180	1,500	**0.618**	-	**0.298**	J	**0.697**	-	**1.530**	-	0.96	U	0.94	U	0.95	U
Sodium				**119**	-	**106**	-	**76.0**	-	23.7	U	**56**	J	**48**	J	**85**	J
Thallium				1.500	U	1.610	U	1.430	U	1.550	U	1.9	U	1.9	U	1.9	U
Vanadium				**26.8**	-	**24.8**	-	**38.9**	-	**49.8**	-	**13**	-	**12**	-	**11**	-
Zinc	109	10,000	10,000	**82.0**	-	**140**	-	**239**	-	**132**	-	**39**	-	**18**	-	**31**	-

Notes:

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Brooklyn, New York

TABLE 5
Laboratory Results - Soil
TAL Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Commercial Soil Cleanup Objectives*	Goldberg Zoino & Associates - Remedial Investigation - December 2016																	
				SB-102						SB-103						SB-104					
				2/12/2016						2/12/2016						2/11/2016					
				(0-2')		(5-7')		(10-12')		(0-2')		(4-6')		(10-12')		(0-2')		(5-7')		(10-12')	
				Lot 17						Lot 57						Lot 57					
				mg/Kg						mg/Kg						mg/Kg					
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Aluminum				**6,900**	-	**4,400**	-	**15,000**	-	**6,000**	-	**9,200**	-	**5,800**	-	**10,000**	-	**7400**	-	**6200**	-
Antimony				4.7	U	4.7	U	5	U	4.9	U	5	U	4.9	U	**1.1**	J	**0.9**	J	4.9	-
Arsenic	13	16	16	**4.7**	-	**4.2**	-	**12**	-	**3**	-	**5.1**	-	**2.4**	-	**3.3**	-	**2.7**	-	**2.9**	-
Barium	350	400	400	**31**	-	**20**	-	**65**	-	**68**	-	**9.1**	-	**23**	-	**26**	-	**20**	-	**23**	-
Beryllium	7.2	72	590	**0.26**	J	0.77	-	**0.23**	J	**0.25**	J	**0.29**	J	**0.22**	J	**0.33**	J	**0.31**	J	**0.31**	J
Cadmium	2.5	4.3	9.3	0.93	-	0.93	-	**0.81**	J	0.98	-	0.99	-	0.97	-	0.92	-	0.93	-	0.98	-
Calcium				**940**	-	**6,100**	-	**16,000**	-	**2,400**	-	**330**	-	**4,000**	-	**2,000**	-	**1,200**	-	**730**	-
Chromium	30	180	400	**9.1**	-	**11**	-	**27**	-	**10**	-	**22**	-	**10**	-	**14**	-	**16**	-	**11**	-
Cobalt				**4.9**	-	**3.2**	-	**7.9**	-	**2.4**	-	**5.2**	-	**3.6**	-	**6.7**	-	**6.9**	-	**5.1**	-
Copper	50	270	270	**10**	-	**8.6**	-	**67**	-	**19**	-	**18**	-	**11**	-	**15**	-	**14**	-	**11**	-
Iron				**14000**	-	**11000**	-	**19000**	-	**7700**	-	**20000**	-	**9600**	-	**18000**	-	**14000**	-	**11000**	-
Lead	63	400	1,000	**4.8**	-	**10**	-	**200**	-	**160**	-	**15**	-	**12**	-	**4.6**	-	**4.7**	-	**4.9**	-
Magnesium				2100	-	1400	-	5300	-	1200	-	2400	-	2600	-	2900	-	2400	-	2000	-
Manganese	1,600	2,000	10,000	**110**	-	**1200**	-	**340**	-	**130**	-	**210**	-	**110**	-	**290**	-	**380**	-	**110**	-
Mercury	0.18	0.81	2.8	**0.09**	J	**0.02**	J	0.09	U	**0.27**	-	**0.22**	-	**0.14**	-	**0.05**	J	**0.02**	J	0.08	U
Nickel	30	310	310	**9.4**	-	**6.2**	-	**26**	-	**5.8**	-	**12**	-	**8.3**	-	**13**	-	**11**	-	**10**	-
Potassium				**320**	-	**460**	-	**2700**	-	**300**	-	**520**	-	**370**	-	**470**	-	**760**	-	**450**	-
Selenium	3.9	180	1,500	1.9	U	1.9	U	**0.38**	J	**0.51**	J	**0.43**	J	1.9	U	1.8	U	1.9	U	2	U
Silver	2	180	1,500	0.93	U	0.93	U	1	U	**0.34**	J	0.99	U	0.97	U	0.92	U	0.93	U	0.98	U
Sodium				**33**	J	**90**	J	**220**	-	**75**	J	**56**	J	**55**	J	**78**	J	**55**	J	**52**	J
Thallium				1.9	U	1.9	U	2	U	2	U	2	U	1.9	U	1.8	U	1.9	U	2	U
Vanadium				**12**	-	**15**	-	**27**	-	**10**	-	**20**	-	**10**	-	**18**	-	**15**	-	**14**	-
Zinc	109	10,000	10,000	**40**	-	**23**	-	**230**	-	**56**	-	**34**	-	**29**	-	**110**	-	**68**	-	**43**	-

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Table 5
Laboratory Results - Soil
TAL Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Commercial Soil Cleanup Objectives*	Goldberg Zoino & Associates - Remedial Investigation - December 2016																		
				SB-105				SB-106				SB-107				SB-108						
				2/11/2016				2/11/2016				2/11/2016				2/11/2016						
				(0-2')		(10-12')		(0-2')		(10-12')		(0-2')		(10-12')		(0-2')		(4-6')		(10-12')		
				Lot 57				Lot 57				Lot 57				Lot 57						
				mg/Kg				mg/Kg				mg/Kg				mg/Kg						
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	RL	
Aluminum				**6,500**	-	**5000**	-	**8,200**	-	**3400**	-	**5,400**	-	**11,000**	-	**9000**	-	**6400**	-	**8,000**	-	
Antimony				**1.5**	J	4.8	U	4.7	U	5.1	U	4.3	U	4.6	U	1.6	J	**1**	J	**0.94**	J	
Arsenic	13	16	16	**8.5**	-	**3.9**	-	**3.4**	-	**0.98**	J	**5.1**	-	**2.3**	-	**4.2**	-	**5**	-	**3.2**	-	
Barium	350	400	400	**490**	-	**26**	-	**23**	-	**12**	-	**16**	-	**110**	-	**300**	-	**23**	-	**35**	-	
Beryllium	7.2	72	590	**0.33**	J	**0.3**	J	**0.24**	J	**0.2**	J	**0.42**	J	**0.45**	J	**0.33**	J	0.62	-	**0.34**	J	
Cadmium	2.5	4.3	9.3	0.94	-	0.95	-	0.93	-	1	-	0.86	-	0.93	-	0.94	-	0.9	-	0.94	-	
Calcium				**16,000**	-	**510**	-	**2,000**	-	**480**	-	**450**	-	**12,000**	-	**9,000**	-	**680**	-	**10,000**	-	
Chromium	30	180	400	**23**	-	**10**	-	**18**	-	**7.6**	-	**9.6**	-	**27**	-	**17**	-	**17**	-	**15**	-	
Cobalt				**6**	-	**6.1**	-	**5.9**	-	**2.6**	-	**4.7**	-	**9.3**	-	**8.2**	-	**5.1**	-	**5.8**	-	
Copper	50	270	270	**38**	-	**8.9**	-	**16**	-	**5.4**	-	**13**	-	**23**	-	**44**	-	**13**	-	**16**	-	
Iron				**15000**	-	**12000**	-	**15000**	-	**7300**	-	**15000**	-	**22000**	-	**20000**	-	**21000**	-	**16000**	-	
Lead	63	400	1,000	**2500**	-	**1.7**	J	**6.2**	-	**5.1**	-	**4.3**	-	**0.86**	J	**230**	-	**45**	-	**11**	-	
Magnesium				2900	-	1500	-	2600	-	1100	-	1300	-	9200	-	4300	-	1800	-	5400	-	
Manganese	1,600	2,000	10,000	**240**	-	**180**	-	**160**	-	**45**	-	**220**	-	**380**	-	**310**	-	**160**	-	**340**	-	
Mercury	0.18	0.81	2.8	**0.7**	-	**0.05**	-	**0.076**	J	0.08	U	**0.02**	J	**0.02**	J	**0.28**	-	0.08	U	**0.03**	J	
Nickel	30	310	310	**13**	-	**11**	-	**11**	-	**6.3**	-	**6.7**	-	**22**	-	**13**	-	**10**	-	**11**	-	
Potassium				**760**	-	**630**	-	**510**	-	**420**	-	**720**	-	**4100**	-	**640**	-	**500**	-	**580**	-	
Selenium	3.9	180	1,500	**0.47**	J	1.9	U	1.9	U	2	U	1.7	U	**0.36**	J	1.9	U	1.8	U	1.9	U	
Silver	2	180	1,500	0.94	U	0.95	U	0.93	U	1	U	0.86	U	0.93	U	0.94	U	0.9	U	0.94	U	
Sodium				**150**	J	190	U	**140**	J	**41**	J	**28**	J	**180**	-	**110**	J	**64**	J	**88**	J	
Thallium				1.9	U	1.9	U	1.9	U	2	U	1.7	U	1.8	U	1.9	U	1.8	U	1.9	U	
Vanadium				**26**	-	**17**	-	**15**	-	**10**	-	**19**	-	**31**	-	**21**	-	**22**	-	**16**	-	
Zinc	109	10,000	10,000	**380**	-	**30**	-	**240**	-	**64**	-	**39**	-	**58**	-	**220**	-	**37**	-	**44**	-	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Restidential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 6
Laboratory Results - Groundwater
Volatile Organic Compounds

Compound	NYSDEC Ambient Water Quality Standards (AWQS)	ASR - Remedial Investigation - May 2006					EBC - Remedial Investigation - 2007									
		MW1	MW2	MW3	MW9	MW10	E5		E6		E7		E13		E14	
		7/24/2006	7/24/2006	7/24/2006	7/24/2006	7/24/2006	11/27/2007		11/27/2007		11/27/2007		11/27/2007		11/27/2007	
		Lot 18	Lot 17	Lot 17	Lot 18	Lot 21	Lot 21		Lot 18		Lot 17		Lot 20		Lot 21	
		µg/L	µg/L	µg/L	µg/L	µg/L	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
	(µg/L)	Results	Results	Results	Results	Results	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,1,2-Tetrachlorothane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	5	-	-	-	-	-	0.32	U	6.5	U	0.32	U	0.32	U	0.32	U
1,1,2,2-Tetrachloroethane	5	-	-	-	-	-	0.30	U	6.0	U	0.30	U	0.30	U	0.30	U
1,1,2-Trichloroethane	1	-	-	-	-	-	0.41	U	8.1	U	0.41	U	0.41	U	0.41	U
1,1,2-Trichlorotrifluoroethane		-	-	-	-	-	1.3	U	26	U	1.3	U	1.3	U	1.3	U
1,1-Dichloroethane	5	-	-	-	-	-	0.38	U	7.6	U	0.38	U	0.38	U	0.38	U
1,1-Dichloroethene	5	-	-	-	-	-	0.42	U	8.3	U	0.42	U	0.42	U	0.42	U
1,1-Dichloropropene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene		-	-	-	-	-	0.46	U	9.2	U	0.46	U	0.46	U	0.46	U
1,2,4-Trimethylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane	0.04	-	-	-	-	-	0.38	U	7.5	U	0.38	U	0.38	U	0.38	U
1,2-Dibromoethane		-	-	-	-	-	0.32	U	6.5	U	0.32	U	0.32	U	0.32	U
1,2-Dichlorobenzene	5	-	-	-	-	-	0.44	U	8.7	U	0.44	U	0.44	U	0.44	U
1,2-Dichloroethane	0.6	-	-	-	-	-	0.34	U	6.8	U	0.34	U	0.34	U	0.34	U
Dichloroethylenes		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	0.94	-	-	-	-	-	0.40	U	8.1	U	0.40	U	0.40	U	0.40	U
1,3,5-Trimethylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene		-	-	-	-	-	0.50	U	9.9	U	0.50	U	0.50	U	0.50	U
1,3-Dichloropropane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	5	-	-	-	-	-	0.54	U	11	U	0.54	U	0.54	U	0.54	U
1,4-Diethyl Benzene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone (Methyl Butyl Ketone)		-	-	-	-	-	1.7	U	34	U	1.7	U	1.7	U	1.7	U
2-Isopropyltoluene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyltoluene		-	-	-	-	-										
4-Methyl-2-Pentanone		-	-	-	-	-	**6.7**	J	**11000**	D	1.6	U	**100**	-	1.6	U
Acetone	50	-	-	-	-	-	2.3	U	45	U	2.3	U	2.3	U	2.3	U
Acrolein		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	1	-	-	-	-	-	0.39	U	7.7	U	0.39	U	0.39	U	0.39	U
Bromobenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane	5	-	-	-	-	-	0.33	U	6.7	U	0.33	U	0.33	U	0.33	U
Bromodichloromethane		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform		-	-	-	-	-	0.32	U	6.3	U	0.32	U	0.32	U	0.32	U
Bromomethane	5	-	-	-	-	-	0.41	U	8.2	U	0.41	U	0.41	U	0.41	U
Carbon Disulfide	60	-	-	-	-	-	0.40	U	8.0	U	0.40	U	0.40	U	0.40	U
Carbon tetrachloride	5	-	-	-	-	-	1.1	U	23	U	1.1	U	1.1	U	1.1	U
Chlorobenzene	5	-	-	-	-	-	0.47	U	9.3	U	0.47	U	0.47	U	**0.47**	-
Chloroethane	5	-	-	-	-	-	0.83	U	17	U	0.83	U	0.83	U	0.83	U
Chloroform	7	-	-	-	-	-	0.33	U	6.7	U	0.33	U	**2.0**	J	0.33	U
Chloromethane	60	-	-	-	-	-	0.34	U	6.9	U	0.34	U	0.34	U	0.34	U
cis-1,2-Dichloroethene	5	-	-	-	-	-	0.29	U	5.8	U	0.29	U	0.29	U	0.29	U
cis-1,3-Dichloropropene		-	-	-	-	-	0.36	U	7.2	U	0.36	U	0.36	U	0.36	U
Cyclohexane		-	-	-	-	-	0.36	U	7.3	U	0.36	U	0.36	U	0.36	U
Cymene		-	-	-	-	-										
Dibromochloromethane		-	-	-	-	-	0.26	U	5.3	U	0.26	U	0.26	U	0.26	U
Dibromomethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	5	-	-	-	-	-	0.17	U	3.4	U	0.17	U	0.17	U	0.17	U
Diethyl Ether		-	-	-	-	-										
Ethylbenzene	5	-	-	-	**11**	-	0.45	U	9.1	U	0.45	U	0.45	U	0.45	U
Hexachlorobutadiene	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene	5	**5**	-	-	**8**	-	0.44	U	8.8	U	0.44	U	0.44	U	0.44	U
m&p-Xylenes	5	-	-	-	**11**	-	1.2	U	24	U	1.2	U	1.2	U	1.2	U
Methyl Acetate		-	-	-	-	-	0.20	U	4.0	U	0.20	U	0.20	U	0.20	U
Methyl Ethyl Ketone (2-Butanone)		-	-	-	-	-	1.1	U	23	U	1.1	U	1.1	U	1.1	U
Methyl t-butyl ether (MTBE)	10	-	-	-	-	-	0.28	U	5.6	U	**0.99**	J	0.28	U	0.28	U
Methylcyclohexane		-	-	-	-	-	0.34	U	6.8	U	0.34	U	0.34	U	0.34	U
Methylene chloride	5	-	-	-	-	-	0.43	U	12	JD	0.43	U	0.43	U	0.43	U
Naphthalene	10	**75**	-	-	**71**	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	5	**6**	-	-	**6**	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	5	**7**	-	-	**10**	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	5	-	-	-	-	-	0.46	U	9.1	U	0.46	U	0.46	U	0.46	U
p-Isopropyltoluene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	5	**9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	5	-	-	-	-	-	0.41	U	8.2	U	0.41	U	0.41	U	0.41	U
t-1,3-Dichloropropene		-	-	-	-	-	0.32	U	6.3	U	0.32	U	0.32	U	0.32	U
tert-Butylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	5	-	-	-	-	-	0.48	U	9.6	U	0.48	U	0.48	U	0.48	U
Tetrahydrofuran (THF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	5	-	-	-	-	-	0.36	U	7.3	U	0.36	U	0.36	U	0.36	U
trans-1,2-Dichloroethene	5	-	-	-	-	-	0.40	U	8.0	U	0.40	U	0.40	U	0.40	U
trans-1,3-Dichloropropene	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-dichloro-2-butene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5	-	-	-	-	-	0.46	U	**23**	JD	**3.5**	J	**16**	-	5.1	U
Trichlorofluoromethane	5	-	-	-	-	-	0.22	U	4.4	U	0.22	U	0.22	U	0.22	U
Trichlorotrifluoroethane		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2	-	-	-	-	-	0.33	U	6.6	U	0.33	U	0.33	U	0.33	U

Notes:
RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 6
Laboratory Results - Groundwater
Volatile Organic Compounds

Compound	NYSDEC Ambient Water Quality Standards (AWQS)	Ecosystems Strategies - Remedial Investigation Report - July 2015																	
		MW-3									MW-10						MW-17		
		2/15/2010			4/25/2012			11/25/2013			2/15/2010			3/16/2012			4/19/2012		
		Lot 17			Lot 17			Lot 17			Sidewalk on Clay Street			Sidewalk on Clay Street			Sidewalk on Clay Street		
		µg/L			µg/L			µg/L			µg/L			µg/L			µg/L		
	(µg/L)	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachlorothane	5	ND	-	5	ND	-	5	NA	-	-	ND	-	5	ND	-	5	NA	-	-
1,1,1-Trichloroethane	5	**2.4**	J	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
1,1,2,2-Tetrachloroethane	5	ND	-	5	ND	-	5	NA	-	-	ND	-	5	ND	-	5	ND	-	5
1,1,2-Trichloroethane	1	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
1,1,2-Trichlorotrifluoroethane		ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
1,1-Dichloroethane	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
1,1-Dichloroethene	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
1,1-Dichloropropene		ND	-	5	ND	-	5	NA	-	-	ND	-	5	ND	-	5	NA	-	-
1,2,3-Trichlorobenzene		ND	-	5	ND	-	5	NA	-	-	ND	-	5	ND	-	10	ND	-	10
1,2,3-Trichloropropane	0.04	ND	-	5	ND	-	5	NA	-	-	ND	-	5	ND	-	5	NA	-	-
1,2,4,5-Tetramethylbenzene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene		ND	-	5	ND	-	5	ND	-	10	ND	-	5	ND	-	10	ND	-	10
1,2,4-Trimethylbenzene	5	**1.1**	J	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	NA	-	-
1,2-Dibromo-3-chloropropane	0.04	ND	-	5	ND	-	5	ND	-	10	ND	-	5	ND	-	10	ND	-	10
1,2-Dibromoethane		ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
1,2-Dichlorobenzene	5	ND	-	5	ND	-	5	NA	-	-	ND	-	5	ND	-	5	ND	-	5
1,2-Dichloroethane	0.6	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
Dichloroethylenes		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	0.94	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
1,3,5-Trimethylbenzene	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	NA	-	-
1,3-Dichlorobenzene		ND	-	5	ND	-	5	NA	-	-	ND	-	5	ND	-	5	ND	-	5
1,3-Dichloropropane	5	ND	-	5	ND	-	5	NA	-	-	ND	-	5	ND	-	5	NA	-	-
1,4-Dichlorobenzene	5	ND	-	5	ND	-	5	NA	-	-	NA	-	-	NA	-	-	ND	-	5
1,4-Diethyl Benzene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane		NA	-	-	NA	-	-	NA	-	-	ND	-	5	ND	-	5	NA	-	5
2,2-Dichloropropane	5	ND	-	5	ND	-	5	NA	-	-	ND	-	5	ND	-	5	NA	-	-
2-Chlorotoluene	5	ND	-	5	ND	-	5	NA	-	-	ND	-	5	ND	-	5	NA	-	-
2-Hexanone (Methyl Butyl Ketone)		NA	-	-	NA	-	-	ND	-	5	ND	-	5	NA	-	-	NA	-	-
2-Isopropyltoluene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	5	ND	-	5	ND	-	5	NA	-	-	ND	-	5	ND	-	5	NA	-	-
4-Ethyltoluene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone		ND	-	5	ND	-	5	ND	-	10	NA	-	-	NA	-	-	NA	-	-
Acetone	50	NA	-	-	**3.1**	J,B	10	ND	-	10	ND	-	5	ND	-	5	ND	-	10
Acrolein		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	1	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
Bromobenzene	5	ND	-	5	ND	-	5	NA	-	-	ND	-	5	ND	-	5	NA	-	-
Bromochloromethane	5	ND	-	5	ND	-	5	NA	-	-	ND	-	5	ND	-	5	ND	-	5
Bromodichloromethane		ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
Bromoform		ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
Bromomethane	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
Carbon Disulfide	60	NA	-	-	NA	-	-	ND	-	5	ND	-	5	NA	-	-	NA	-	-
Carbon tetrachloride	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
Chlorobenzene	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
Chloroethane	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
Chloroform	7	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
Chloromethane	60	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
cis-1,2-Dichloroethene	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	**2.5**	J	5
cis-1,3-Dichloropropene		ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
Cyclohexane		NA	-	-	NA	-	-	NA	-	-	NA	-	-	NA	-	-	NA	-	-
Cymene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane		ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
Dibromomethane	5	ND	-	5	ND	-	5	NA	-	-	ND	-	5	ND	-	5	NA	-	-
Dichlorodifluoromethane	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
Diethyl Ether		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
Hexachlorobutadiene	0.5	ND	-	5	ND	-	5	NA	-	-	ND	-	5	ND	-	5	ND	-	5
Isopropylbenzene	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	NA	-	-
m&p-Xylenes	5	ND	-	10	ND	-	10	ND	-	10	ND	-	10	ND	-	10	ND	-	10
Methyl Acetate		NA	-	-	NA	-	-	NA	-	-	NA	-	-	NA	-	-	NA	-	-
Methyl Ethyl Ketone (2-Butanone)		ND	-	5	ND	-	5	ND	-	10	ND	-	5	ND	-	5	ND	-	10
Methyl t-butyl ether (MTBE)	10	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
Methylcyclohexane		NA	-	-	NA	-	-	NA	-	-	NA	-	-	NA	-	-	NA	-	-
Methylene chloride	5	**3.4**	B,J	10	**6.5**	J,B	10	ND	-	10	**3.4**	B,J	10	**5.6**	B,J	10	**5.3**	J,B	10
Naphthalene	10	ND	-	5	ND	-	10	ND	-	10	ND	-	5	ND	-	5	NA	-	-
n-Butylbenzene	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	NA	-	-
n-Propylbenzene	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	NA	-	-
o-Xylene	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
p-Isopropyltoluene		ND	-	5	ND	-	5	NA	-	-	-	-	-	-	-	-	NA	-	-
sec-Butylbenzene	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	NA	-	-
Styrene	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
t-1,3-Dichloropropene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	NA	-	-
Tetrachloroethene	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
Tetrahydrofuran (THF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
trans-1,2-Dichloroethene	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
trans-1,3-Dichloropropene	0.4	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
trans-1,4-dichloro-2-butene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5	ND	-	5	ND	-	5	ND	-	5	**1.1**	J	5	**0.86**	J	5	**7**	-	5
Trichlorofluoromethane	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5
Trichlorotrifluoroethane		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate		NA	-	-	NA	-	-	NA	-	-	ND	-	5	ND	-	5	NA	-	-
Vinyl Chloride	2	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5	ND	-	5

Notes:
RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 6
Laboratory Results - Groundwater
Volatile Organic Compounds

Compound	NYSDEC Ambient Water Quality Standards (AWQS)	Ecosystems Strategies - Remedial Investigation Report - July 2015											
		MW-18						MW-19			MW-40		
		3/16/2012			10/8/2014			4/19/2012			10/8/2014		
		Sidewalk on Clay Street			Sidewalk on Clay Street			Lot 20			Lot 17		
		µg/L			µg/L			µg/L			µg/L		
	(µg/L)	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachlorothane	5	**110**	-	-	NA	-	-	ND	-	5	NA	-	-
1,1,1-Trichloroethane	5	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
1,1,2,2-Tetrachloroethane	5	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
1,1,2-Trichloroethane	1	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
1,1,2-Trichlorotrifluoroethane		ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
1,1-Dichloroethane	5	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
1,1-Dichloroethene	5	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
1,1-Dichloropropene		**110**	-	-	NA	-	-	ND	-	5	NA	-	-
1,2,3-Trichlorobenzene		ND	-	10	ND	-	0.5	ND	-	10	ND	-	50
1,2,3-Trichloropropane	0.04	**110**	-	-	NA	-	-	ND	-	5	NA	-	-
1,2,4,5-Tetramethylbenzene		-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene		ND	-	10	ND	-	0.5	ND	-	10	ND	-	50
1,2,4-Trimethylbenzene	5	**110**	-	-	NA	-	-	ND	-	5	NA	-	-
1,2-Dibromo-3-chloropropane	0.04	ND	-	10	ND	-	0.5	ND	-	10	ND	-	50
1,2-Dibromoethane		ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
1,2-Dichlorobenzene	5	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
1,2-Dichloroethane	0.6	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
Dichloroethylenes		-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	0.94	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
1,3,5-Trimethylbenzene	5	**110**	-	-	NA	-	-	ND	-	5	NA	-	-
1,3-Dichlorobenzene		ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
1,3-Dichloropropane	5	**110**	-	-	NA	-	-	ND	-	5	NA	-	-
1,4-Dichlorobenzene	5	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
1,4-Diethyl Benzene		-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane		**110**	-	-	NA	-	-	ND	-	5	NA	-	-
2,2-Dichloropropane	5	**110**	-	-	NA	-	-	ND	-	5	NA	-	-
2-Chlorotoluene	5	**110**	-	-	NA	-	-	ND	-	5	NA	-	-
2-Hexanone (Methyl Butyl Ketone)		NA	-	-	ND	-	0.5	NA	-	-	ND	-	50
2-Isopropyltoluene	5	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	5	**110**	-	-	NA	-	-	ND	-	5	NA	-	-
4-Ethyltoluene		-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone		NA	-	-	ND	-	0.5	NA	-	-	ND	-	50
Acetone	50	ND	-	10	ND	-	2	ND	-	5	ND	-	200
Acrolein		-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	5	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	1	ND	-	5	**0.94**	-	0.5	ND	-	5	ND	-	50
Bromobenzene	5	**110**	-	-	-	-	-	ND	-	5	NA	-	-
Bromochloromethane	5	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
Bromodichloromethane		ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
Bromoform		ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
Bromomethane	5	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
Carbon Disulfide	60	NA	-	-	-	-	-	NA	-	-	ND	-	50
Carbon tetrachloride	5	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
Chlorobenzene	5	ND	-	5	**0.8**	-	0.5	ND	-	5	ND	-	50
Chloroethane	5	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
Chloroform	7	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
Chloromethane	60	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
cis-1,2-Dichloroethene	5	**1.5**	J	5	**4.5**	-	0.5	**1.8**	J	5	**530**	-	50
cis-1,3-Dichloropropene		ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
Cyclohexane		NA	-	-	ND	-	0.5	NA	-	-	ND	-	50
Cymene		-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane		ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
Dibromomethane	5	**110**	-	-	NA	-	-	ND	-	5	NA	-	-
Dichlorodifluoromethane	5	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
Diethyl Ether		-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	5	ND	-	5	ND	-	0.5	**1.4**	J	5	ND	-	50
Hexachlorobutadiene	0.5	ND	-	5	**0.29**	J	0.5	ND	-	5	ND	-	50
Isopropylbenzene	5	**110**	-	-	NA	-	-	ND	-	5	NA	-	-
m&p-Xylenes	5	ND	-	10	ND	-	1	ND	-	10	ND	-	100
Methyl Acetate		-	-	-	-	-	-	NA	-	-	ND	-	50
Methyl Ethyl Ketone (2-Butanone)		ND	-	10	ND	-	0.5	ND	-	10	NA	-	-
Methyl t-butyl ether (MTBE)	10	**0.81**	J	5	**1.2**	-	0.5	ND	-	5	ND	-	50
Methylcyclohexane		NA	-	-	ND	-	0.5	NA	-	-	ND	-	50
Methylene chloride	5	**5.8**	J,B	10	ND	-	2	**5.8**	B,J	10	ND	-	200
Naphthalene	10	**110**	-	-	NA	-	-	ND	-	5	NA	-	-
n-Butylbenzene	5	**110**	-	-	NA	-	-	ND	-	5	NA	-	-
n-Propylbenzene	5	**110**	-	-	NA	-	-	ND	-	5	NA	-	-
o-Xylene	5	ND	-	5	ND	-	0.5	**0.92**	-	5	ND	-	50
p-Isopropyltoluene		**110**	-	-	NA	-	-	-	-	-	NA	-	-
sec-Butylbenzene	5	**110**	-	-	NA	-	-	ND	-	5	NA	-	-
Styrene	5	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
t-1,3-Dichloropropene		-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5	**110**	-	-	NA	-	-	ND	-	5	NA	-	-
Tetrachloroethene	5	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
Tetrahydrofuran (THF)		-	-	-	-	-	-	-	-	-	-	-	-
Toluene	5	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
trans-1,2-Dichloroethene	5	ND	-	5	ND	-	0.5	ND	-	5	**25**	J	50
trans-1,3-Dichloropropene	0.4	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
trans-1,4-dichloro-2-butene	5	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5	**3**	J	5	**16**	B	0.5	**1.5**	J	5	**7,400**	-	120
Trichlorofluoromethane	5	ND	-	5	ND	-	0.5	ND	-	5	ND	-	50
Trichlorotrifluoroethane		-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate		**110**	-	-	NA	-	-	ND	-	5	NA	-	-
Vinyl Chloride	2	ND	-	5	**0.41**	J	0.5	ND	-	5	ND	-	50

Notes:
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Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 6
Laboratory Results - Groundwater
Volatile Organic Compounds

Compound	NYSDEC Ambient Water Quality Standards (AWQS)	Goldberg Zoino & Associates - Remedial Investigation - December 2016									
		MW-101		MW-102		MW-103		MW-104		MW-105	
		2/19/2016		2/19/2016		2/19/2016		2/18/2016		2/19/2016	
		Lot 57		Lot 17		Lot 57		Lot 57		Lot 57	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
	(µg/L)	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,1,2-Tetrachlorothane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1,1-Trichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	1	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichlorotrifluoroethane		-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichlorobenzene		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4,5-Tetramethylbenzene		0	-	2	-	2	-	2	-	2	-
1,2,4-Trichlorobenzene		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane		2	U	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dichloroethylenes		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloropropane	0.94	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Diethyl Benzene		2	-	2	-	2	-	2	-	2	-
1,4-Dioxane		250	U	250	-	250	-	250	-	250	-
2,2-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Chlorotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Hexanone (Methyl Butyl Ketone)		5	U	5	U	5	U	5	U	5	U
2-Isopropyltoluene	5	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
4-Ethyltoluene		2	U	2	-	2	-	2	-	2	-
4-Methyl-2-Pentanone		5	U	5	U	5	U	5	U	5	U
Acetone	50	5	U	5	U	5	U	5	U	5	U
Acrolein		-	-	-	-	-	-	-	-	-	-
Acrylonitrile	5	5	U	5	U	5	U	5	U	5	U
Benzene	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromochloromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform		2	U	2	U	2	U	2	U	2	U
Bromomethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	60	5	U	5	U	5	U	5	U	5	U
Carbon tetrachloride	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	60	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane		-	-	-	-	-	-	-	-	-	-
Cymene		2.5	U	2.5		2.5		2.5		2.5	
Dibromochloromethane		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromomethane	5	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	5	5	U	5	U	5	U	5	U	5	U
Diethyl Ether		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Ethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	0.5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
m&p-Xylenes	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate		-	-	-	-	-	-	-	-	-	-
Methyl Ethyl Ketone (2-Butanone)		5	U	5	U	5	U	5	U	5	U
Methyl t-butyl ether (MTBE)	10	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane		-	-	-	-	-	-	-	-	-	-
Methylene chloride	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	10	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
n-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
n-Propylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Isopropyltoluene		-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
t-1,3-Dichloropropene		-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Tetrachloroethene	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Tetrahydrofuran (THF)		-	-	-	-	-	-	-	-	-	-
Toluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,4-dichloro-2-butene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Trichlorotrifluoroethane		-	-	-	-	-	-	-	-	-	-
Vinyl Acetate		5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	2	1	U	1	U	1	U	1	U	1	U

Notes:
RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 7
Laboratory Results - Groundwater
Semi-Volatile Organic Compounds

Compound	NYSDEC Ambient Water Quality Standards (AWQS) (µg/L)	ASR - Remedial Investigation - May 2006				
		MW1	MW2	MW3	MW9	MW10
		7/24/2006	7/24/2006	7/24/2006	7/24/2006	7/24/2006
		Lot 18	Lot 17	Lot 17	Lot 18	Lot 21
		µg/L	µg/L	µg/L	µg/L	µg/L
		Results	Results	Results	Results	Results
1,2,4-Trichlorobenzene		-	-	-	-	-
1,2-Dichlorobenzene		-	-	-	-	-
1,2-Diphenylhydrazine		-	-	-	-	-
1,3-Dichlorobenzene	3	-	-	-	-	-
1,4-Dichlorobenzene	3	-	-	-	-	-
2,4,5-Trichlorophenol	1	-	-	-	-	-
2,4,6-Trichlorophenol	1	-	-	-	-	-
2,4-Dichlorophenol		-	-	-	-	-
2,4-Dimethylphenol		-	-	-	-	-
2,4-Dinitrophenol	5	-	-	-	-	-
2,4-Dinitrotoluene	5	-	-	-	-	-
2,6-Dinitrotoluene	5	-	-	-	-	-
2-Chloronaphthalene	10	-	-	-	-	-
2-Chlorophenol	1	-	-	-	-	-
2-Methylnaphthalene		-	-	-	-	-
2-Methylphenol (o-cresol)	1	-	-	-	-	-
2-Nitroaniline	5	-	-	-	-	-
2-Nitrophenol	1	-	-	-	-	-
3&4-Methylphenol (m&p-cresol)		-	-	-	-	-
3,3'-Dichlorobenzidine	5	-	-	-	-	-
3-Nitroaniline	5	-	-	-	-	-
4,6-Dinitro-2-methylphenol	1	-	-	-	-	-
4-Bromophenyl phenyl ether		-	-	-	-	-
4-Chloro-3-methylphenol	1	-	-	-	-	-
4-Chloroaniline	5	-	-	-	-	-
4-Chlorophenyl phenyl ether		-	-	-	-	-
4-Nitroaniline	5	-	-	-	-	-
4-Nitrophenol		-	-	-	-	-
Acetophenone		-	-	-	-	-
Aniline	5	-	-	-	-	-
Anthracene	50	-	-	-	-	-
Benzidine	5	-	-	-	-	-
Benzoic acid		-	-	-	-	-
Benzyl alcohol		-	-	-	-	-
Benzyl butyl phthalate	50	-	-	-	-	-
Biphenyl		-	-	-	-	-
Bis(2-chloroethoxy)methane	5	-	-	-	-	-
Bis(2-chloroethyl)ether	1	-	-	-	-	-
Bis(2-chloroisopropyl)ether		-	-	-	-	-
Carbazole		-	-	-	-	-
Dibenzofuran		-	-	-	-	-
Diethyl phthalate	50	-	-	-	-	-
Dimethylphthalate	50	-	-	-	-	-
Di-n-butylphthalate	50	-	-	-	-	-
Di-n-octylphthalate	50	-	-	-	-	-
Fluoranthene	50	**75**	-	-	-	-
Fluorene	50	-	-	-	-	-
Hexachlorobutadiene	0.5	-	-	-	-	-
Hexachlorocyclopentadiene	5	-	-	-	-	-
Isophorone	50	**99**	-	-	-	-
Naphthalene	10	-	-	-	-	-
Nitrobenzene	0.4	-	-	-	-	-
N-Nitrosodimethylamine		-	-	-	-	-
N-Nitrosodi-n-propylamine		-	-	-	-	-
N-Nitrosodiphenylamine	50	-	-	-	-	-
Phenol	1	-	-	-	-	-
Pyrene	50	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene		-	-	-	-	-
Acenaphthene	20	-	-	-	-	-
Acenaphthylene		-	-	-	-	-
Benz(a)anthracene	0.002	-	-	-	-	-
Benzo(a)pyrene	0.002	-	-	-	-	-
Benzo(b)fluoranthene	0.002	-	-	-	-	-
Benzo(ghi)perylene		-	-	-	-	-
Benzo(k)fluoranthene	0.002	-	-	-	-	-
Bis(2-ethylhexyl)phthalate	5	-	**60**	**31**	-	**6**
Chrysene	0.002	-	-	-	-	-
Dibenz(a,h)anthracene		-	-	-	-	-
Hexachlorobenzene	0.04	-	-	-	-	-
Hexachloroethane	5	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.002	-	-	-	-	-
Pentachloronitrobenzene		-	-	-	-	-
Pentachlorophenol	1	-	-	-	-	-
Phenanthrene	50	**110**	-	-	-	-
Pyridine	50	-	-	-	-	-

Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 7
Laboratory Results - Groundwater
Semi-Volatile Organic Compounds

Compound	NYSDEC Ambient Water Quality Standards (AWQS)	Ecosystems Strategies - Remedial Investigation Report - July 2015														
		MW-3									MW-10					
		2/15/2010			4/25/2012			11/25/2013			2/15/2010			3/16/2012		
		Lot 17			Lot 17			Lot 17			Sidewalk on Clay St			Sidewalk on Clay St		
		µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg		
	(µg/L)	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene		ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
1,2-Dichlorobenzene		ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
1,2-Diphenylhydrazine		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	3	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
1,4-Dichlorobenzene	3	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
2,4,5-Trichlorophenol	1	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	NA	-	-
2,4,6-Trichlorophenol	1	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	NA	-	-
2,4-Dichlorophenol		ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	NA	-	-
2,4-Dimethylphenol		ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	NA	-	-
2,4-Dinitrophenol	5	ND	-	10.3	ND	-	10	ND	-	10.3	ND	-	10.3	NA	-	-
2,4-Dinitrotoluene	5	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
2,6-Dinitrotoluene	5	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
2-Chloronaphthalene	10	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
2-Chlorophenol	1	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	NA	-	-
2-Methylnaphthalene		ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
2-Methylphenol (o-cresol)	1	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	NA	-	-
2-Nitroaniline	5	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
2-Nitrophenol	1	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	NA	-	-
3&4-Methylphenol (m&p-cresol)		NA	-	-	ND	-	5	ND	-	5.13	NA	-	-	NA	-	-
3,3'-Dichlorobenzidine	5	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
3-Nitroaniline	5	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
4,6-Dinitro-2-methylphenol	1	ND	-	10.3	ND	-	10	ND	-	10.3	ND	-	10.3	NA	-	-
4-Bromophenyl phenyl ether		ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
4-Chloro-3-methylphenol	1	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	NA	-	-
4-Chloroaniline	5	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
4-Chlorophenyl phenyl ether		ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
4-Nitroaniline	5	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	NA	-	-
4-Nitrophenol		ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Acetophenone		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aniline	5	ND	-	5.13	ND	-	5	NA	-	-	ND	-	5.13	ND	-	5.26
Anthracene	50	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Benzidine	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzoic acid		ND	-	5.13	NA	-	-	ND	-	5.13	ND	-	5.13	NA	-	-
Benzyl alcohol		ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	NA	-	-
Benzyl butyl phthalate	50	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Biphenyl		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethoxy)methane	5	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Bis(2-chloroethyl)ether	1	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Bis(2-chloroisopropyl)ether		ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Carbazole		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran		ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Diethyl phthalate	50	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Dimethylphthalate	50	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Di-n-butylphthalate	50	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Di-n-octylphthalate	50	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Fluoranthene	50	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Fluorene	50	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Hexachlorobutadiene	0.5	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Hexachlorocyclopentadiene	5	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Isophorone	50	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Naphthalene	10	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Nitrobenzene	0.4	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
N-Nitrosodimethylamine		ND	-	5.13	ND	-	5	NA	-	-	ND	-	5.13	ND	-	5.26
N-Nitrosodi-n-propylamine		ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
N-Nitrosodiphenylamine	50	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Phenol	1	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Pyrene	50	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
1,2,4,5-Tetrachlorobenzene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	20	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Acenaphthylene		ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Benz(a)anthracene	0.002	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Benzo(a)pyrene	0.002	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Benzo(b)fluoranthene	0.002	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Benzo(ghi)perylene		ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Benzo(k)fluoranthene	0.002	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Bis(2-ethylhexyl)phthalate	5	ND	-	5.13	**5.1**	-	5	ND	-	5.13	ND	-	5.13	**12.5**	-	5.26
Chrysene	0.002	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Dibenz(a,h)anthracene		ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Hexachlorobenzene	0.04	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Hexachloroethane	5	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Indeno(1,2,3-cd)pyrene	0.002	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Pentachloronitrobenzene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	1	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Phenanthrene	50	ND	-	5.13	ND	-	5	ND	-	5.13	ND	-	5.13	ND	-	5.26
Pyridine	50	ND	-	5.13	ND	-	5	NA	-	-	ND	-	5.13	ND	-	5.26

Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 7
Laboratory Results - Groundwater
Semi-Volatile Organic Compounds

Compound	NYSDEC Ambient Water Quality Standards (AWQS) (µg/L)	Ecosystems Strategies - Remedial Investigation Report - July 2015								
		MW-17			MW-18			MW-19		
		4/19/2012			3/16/2012			3/16/2012		
		Sidewalk on Clay St			Sidewalk on Clay St			Lot 20		
		µg/Kg			µg/Kg			µg/Kg		
		Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene		ND	-	5.13	ND	-	5.41	ND	-	5.13
1,2-Dichlorobenzene		ND	-	5.13	ND	-	5.41	ND	-	5.13
1,2-Diphenylhydrazine		-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	3	ND	-	5.13	ND	-	5.41	ND	-	5.13
1,4-Dichlorobenzene	3	ND	-	5.13	ND	-	5.41	ND	-	5.13
2,4,5-Trichlorophenol	1	ND	-	5.13	NA	-	-	NA	-	-
2,4,6-Trichlorophenol	1	ND	-	5.13	NA	-	-	NA	-	-
2,4-Dichlorophenol		ND	-	5.13	NA	-	-	NA	-	-
2,4-Dimethylphenol		ND	-	5.13	NA	-	-	NA	-	-
2,4-Dinitrophenol	5	ND	-	10.3	NA	-	-	NA	-	-
2,4-Dinitrotoluene	5	ND	-	5.13	ND	-	5.41	ND	-	5.13
2,6-Dinitrotoluene	5	ND	-	5.13	ND	-	5.41	ND	-	5.13
2-Chloronaphthalene	10	ND	-	5.13	ND	-	5.41	ND	-	5.13
2-Chlorophenol	1	ND	-	5.13	NA	-	-	NA	-	-
2-Methylnaphthalene		ND	-	5.13	ND	-	5.41	ND	-	5.13
2-Methylphenol (o-cresol)	1	ND	-	5.13	NA	-	-	NA	-	-
2-Nitroaniline	5	ND	-	5.13	ND	-	5.41	ND	-	5.13
2-Nitrophenol	1	ND	-	5.13	NA	-	-	NA	-	-
3&4-Methylphenol (m&p-cresol)		NA	-	-	NA	-	-	NA	-	-
3,3'-Dichlorobenzidine	5	ND	-	5.13	ND	-	5.41	ND	-	5.13
3-Nitroaniline	5	ND	-	5.13	ND	-	5.41	ND	-	5.13
4,6-Dinitro-2-methylphenol	1	ND	-	10.3	NA	-	-	NA	-	-
4-Bromophenyl phenyl ether		ND	-	5.13	ND	-	5.41	ND	-	5.13
4-Chloro-3-methylphenol	1	ND	-	5.13	NA	-	-	NA	-	-
4-Chloroaniline	5	ND	-	5.13	ND	-	5.41	ND	-	5.13
4-Chlorophenyl phenyl ether		ND	-	5.13	ND	-	5.41	ND	-	5.13
4-Nitroaniline	5	ND	-	5.13	NA	-	-	NA	-	-
4-Nitrophenol		ND	-	5.13	ND	-	5.41	ND	-	5.13
Acetophenone		-	-	-	-	-	-	-	-	-
Aniline	5	ND	-	5.13	ND	-	5.41	ND	-	5.13
Anthracene	50	ND	-	5.13	ND	-	5.41	ND	-	5.13
Benzidine	5	-	-	-	-	-	-	-	-	-
Benzoic acid		ND	-	5.13	NA	-	-	NA	-	-
Benzyl alcohol		ND	-	5.13	NA	-	-	NA	-	-
Benzyl butyl phthalate	50	ND	-	5.13	ND	-	5.41	ND	-	5.13
Biphenyl		-	-	-	-	-	-	-	-	-
Bis(2-chloroethoxy)methane	5	ND	-	5.13	ND	-	5.41	ND	-	5.13
Bis(2-chloroethyl)ether	1	ND	-	5.13	ND	-	5.41	ND	-	5.13
Bis(2-chloroisopropyl)ether		ND	-	5.13	ND	-	5.41	ND	-	5.13
Carbazole		-	-	-	-	-	-	-	-	-
Dibenzofuran		ND	-	5.13	ND	-	5.41	ND	-	5.13
Diethyl phthalate	50	ND	-	5.13	ND	-	5.41	ND	-	5.13
Dimethylphthalate	50	ND	-	5.13	ND	-	5.41	ND	-	5.13
Di-n-butylphthalate	50	ND	-	5.13	ND	-	5.41	ND	-	5.13
Di-n-octylphthalate	50	ND	-	5.13	ND	-	5.41	ND	-	5.13
Fluoranthene	50	ND	-	5.13	ND	-	5.41	ND	-	5.13
Fluorene	50	ND	-	5.13	ND	-	5.41	ND	-	5.13
Hexachlorobutadiene	0.5	ND	-	5.13	ND	-	5.41	ND	-	5.13
Hexachlorocyclopentadiene	5	ND	-	5.13	ND	-	5.41	ND	-	5.13
Isophorone	50	ND	-	5.13	ND	-	5.41	ND	-	5.13
Naphthalene	10	ND	-	5.13	ND	-	5.41	ND	-	5.13
Nitrobenzene	0.4	ND	-	5.13	ND	-	5.41	ND	-	5.13
N-Nitrosodimethylamine		ND	-	5.13	ND	-	5.41	ND	-	5.13
N-Nitrosodi-n-propylamine		ND	-	5.13	ND	-	5.41	ND	-	5.13
N-Nitrosodiphenylamine	50	ND	-	5.13	ND	-	5.41	ND	-	5.13
Phenol	1	ND	-	5.13	ND	-	5.41	ND	-	5.13
Pyrene	50	ND	-	5.13	ND	-	5.41	ND	-	5.13
1,2,4,5-Tetrachlorobenzene		-	-	-	-	-	-	-	-	-
Acenaphthene	20	ND	-	5.13	ND	-	5.41	ND	-	5.13
Acenaphthylene		ND	-	5.13	ND	-	5.41	ND	-	5.13
Benz(a)anthracene	0.002	ND	-	5.13	ND	-	5.41	ND	-	5.13
Benzo(a)pyrene	0.002	ND	-	5.13	ND	-	5.41	ND	-	5.13
Benzo(b)fluoranthene	0.002	ND	-	5.13	ND	-	5.41	ND	-	5.13
Benzo(ghi)perylene		ND	-	5.13	ND	-	5.41	ND	-	5.13
Benzo(k)fluoranthene	0.002	ND	-	5.13	ND	-	5.41	ND	-	5.13
Bis(2-ethylhexyl)phthalate	5	**10.8**	-	5.13	ND	-	5.41	**39.6**	-	5.13
Chrysene	0.002	ND	-	5.13	ND	-	5.41	ND	-	5.13
Dibenz(a,h)anthracene		ND	-	5.13	ND	-	5.41	ND	-	5.13
Hexachlorobenzene	0.04	ND	-	5.13	ND	-	5.41	ND	-	5.13
Hexachloroethane	5	ND	-	5.13	ND	-	5.41	ND	-	5.13
Indeno(1,2,3-cd)pyrene	0.002	ND	-	5.13	ND	-	5.41	ND	-	5.13
Pentachloronitrobenzene		-	-	-	-	-	-	-	-	-
Pentachlorophenol	1	ND	-	5.13	ND	-	5.41	ND	-	5.13
Phenanthrene	50	ND	-	5.13	ND	-	5.41	ND	-	5.13
Pyridine	50	ND	-	5.13	ND	-	5.41	ND	-	5.13

Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 7
Laboratory Results - Groundwater
Semi-Volatile Organic Compounds

Compound	NYSDEC Ambient Water Quality Standards (AWQS) (µg/L)	Goldberg Zoino & Associates - Remedial Investigation - December 2016									
		MW-101		MW-102		MW-103		MW-104		MW-105	
		2/19/2016		2/19/2016		2/19/2016		2/18/2016		2/19/2016	
		Lot 57		Lot 17		Lot 57		Lot 57		Lot 57	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,2,4-Trichlorobenzene		5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene		2	U	2	U	2	U	2	U	2	U
1,2-Diphenylhydrazine		-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U
1,4-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U
2,4,5-Trichlorophenol	1	5	U	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	1	5	U	5	U	5	U	5	U	5	U
2,4-Dichlorophenol		5	U	5	U	5	U	5	U	5	U
2,4-Dimethylphenol		5	U	5	U	5	U	5	U	5	U
2,4-Dinitrophenol	5	20	U	20	U	20	U	20	U	20	U
2,4-Dinitrotoluene	5	5	U	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	5	5	U	5	U	5	U	5	U	5	U
2-Chloronaphthalene	10	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
2-Chlorophenol	1	2	U	2	U	2	U	2	U	2	U
2-Methylnaphthalene		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
2-Methylphenol (o-cresol)	1	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U
2-Nitrophenol	1	10	U	10	U	10	U	10	U	10	U
3&4-Methylphenol (m&p-cresol)		5	U	5	U	5	U	5	U	5	U
3,3'-Dichlorobenzidine	5	5	U	5	U	5	U	5	U	5	U
3-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U
4,6-Dinitro-2-methylphenol	1	10	U	10	U	10	U	10	U	10	U
4-Bromophenyl phenyl ether		2	U	2	U	2	U	2	U	2	U
4-Chloro-3-methylphenol	1	2	U	2	U	2	U	2	U	2	U
4-Chloroaniline	5	5	U	5	U	5	U	5	U	5	U
4-Chlorophenyl phenyl ether		2	U	2	U	2	U	2	U	2	U
4-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U
4-Nitrophenol		10	U	10	U	10	U	4.2	J	10	U
Acetophenone		5	U	5	U	5	U	5	U	5	U
Aniline	5	-	-	-	-	-	-	-	-	-	-
Anthracene	50	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Benzidine	5	-	-	-	-	-	-	-	-	-	-
Benzoic acid		50	U	50	U	50	U	17	J	50	U
Benzyl alcohol		2	U	2	U	2	U	2	U	2	U
Benzyl butyl phthalate	50	5	U	5	U	5	U	5	U	5	U
Biphenyl		2	U	2	U	2	U	2	U	2	U
Bis(2-chloroethoxy)methane	5	5	U	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	1	2	U	2	U	2	U	2	U	2	U
Bis(2-chloroisopropyl)ether		2	U	2	U	2	U	2	U	2	U
Carbazole		2	U	2	U	2	U	2	U	2	U
Dibenzofuran		2	U	2	U	2	U	2	U	2	U
Diethyl phthalate	50	5	U	5	U	5	U	5	U	5	U
Dimethylphthalate	50	5	U	5	U	5	U	5	U	5	U
Di-n-butylphthalate	50	5	U	5	U	5	U	5	U	5	U
Di-n-octylphthalate	50	5	U	5	U	5	U	5	U	5	U
Fluoranthene	50	0.2	U	**0.17**	J	0.2	U	0.2	U	0.2	U
Fluorene	50	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Hexachlorobutadiene	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Hexachlorocyclopentadiene	5	20	U	20	U	20	U	20	U	20	U
Isophorone	50	5	U	5	U	5	U	5	U	5	U
Naphthalene	10	0.2	U	**0.06**	J	0.2	U	0.2	U	0.2	U
Nitrobenzene	0.4	2	U	2	U	2	U	2	U	2	U
N-Nitrosodimethylamine		-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine		5	U	5	U	5	U	5	U	5	U
N-Nitrosodiphenylamine	50	2	U	2	U	2	U	2	U	2	U
Phenol	1	5	U	5	U	5	U	**3.5**	J	5	U
Pyrene	50	0.2	U	0.16	J	0.2	U	0.2	U	0.2	U
1,2,4,5-Tetrachlorobenzene		10	U	10	U	10	U	10	U	10	U
Acenaphthene	20	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Acenaphthylene		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Benz(a)anthracene	0.002	0.2	U	**0.11**	J	0.2	U	0.2	U	0.2	U
Benzo(a)pyrene	0.002	0.2	U	**0.11**	J	0.2	U	0.2	U	0.2	U
Benzo(b)fluoranthene	0.002	0.2	U	**0.15**	J	0.2	U	0.2	U	0.2	U
Benzo(ghi)perylene		0.02	U	0.07	U	0.02	U	0.02	U	0.02	U
Benzo(k)fluoranthene	0.002	0.02	U	**0.06**	J	0.02	U	0.02	U	0.02	U
Bis(2-ethylhexyl)phthalate	5	3	U	**3**	U	3.9	-	4.7	-	3	U
Chrysene	0.002	0.2	U	**0.1**	J	0.2	U	0.2	U	0.2	U
Dibenz(a,h)anthracene		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Hexachlorobenzene	0.04	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Hexachloroethane	5	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Indeno(1,2,3-cd)pyrene	0.002	0.2	U	**0.08**	J	0.2	U	0.2	U	0.2	U
Pentachloronitrobenzene		-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	1	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Phenanthrene	50	0.2	U	**0.08**	J	0.2	U	0.2	U	0.2	U
Pyridine	50	-	-	-	-	-	-	-	-	-	-

Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 8
Laboratory Results - Groundwater
Pesticides/PCBS

Compound	NYSDEC Ambient Water Quality Standards (AQWS)	Goldberg Zoino & Associates - Remedial Investigation - December 2016									
		MW-101		MW-102		MW-103		MW-104		MW-105	
		2/19/2016		2/19/2016		2/19/2016		2/18/2016		2/19/2016	
		Lot 57		Lot 17		Lot 57		Lot 57		Lot 57	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
PCB-1016	0.09	0.83	U	0.115	U	0.83	U	0.83	U	0.83	U
PCB-1221	0.09	0.83	U	0.115	U	0.83	U	0.83	U	0.83	U
PCB-1232	0.09	0.83	U	0.115	U	0.83	U	0.83	U	0.83	U
PCB-1242	0.09	0.83	U	0.115	U	0.83	U	0.83	U	0.83	U
PCB-1248	0.09	0.83	U	0.115	U	0.83	U	0.83	U	0.83	U
PCB-1254	0.09	0.83	U	0.115	U	0.83	U	0.83	U	0.83	U
PCB-1260	0.09	0.83	U	0.115	U	0.83	U	0.83	U	0.83	U
PCB-1262	0.09	0.83	U	0.115	U	0.83	U	0.83	U	0.83	U
PCB-1268	0.09	0.83	U	0.115	U	0.83	U	0.83	U	0.83	U
4,4-DDD	0.3	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
4,4-DDE	0.2	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
4,4-DDT	0.11	0.04	U	0.018	J	0.04	U	0.04	U	0.04	U
a-BHC	0.94	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
a-Chlordane		0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Alachlor		-	-	-	-	-	-	-	-	-	-
Aldrin		0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
b-BHC	0.04	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Chlordane	0.05	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
d-BHC	0.04	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Dieldrin	0.004	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
Endosulfan I		0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Endosulfan II		0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
Endosulfan Sulfate		0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
Endrin		0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
Endrin aldehyde	5	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
Endrin ketone		0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
gamma-BHC	0.05	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
g-Chlordane		0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Heptachlor	0.04	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Heptachlor epoxide	0.03	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Methoxychlor	35	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Toxaphene		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U

Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit
ND = Non-detect
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

U The compound was anlayzed for but not detected at or above the MDL.
The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.

J The value is estimated. This flag is used
a) on form 1 when the compound is reported above the MDL, but below the PQL, and
b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N The concentration is based on the response fo the nearest internal. This flag is used on the TIC form for all compounds identified.
S This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.

D The reported concentration is the result of a diluted analysis.
(*) See report for comment.

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Table 9
Laboratory Results - Groundwater
Total Metals

Compound	NYSDEC Ambient Water Quality Standards (AWQS)	Ecosystems Strategies - Remedial Investigation Report - July 2015						Goldberg Zoino & Associates - Remedial Investigation - December 2016									
		MW-3			MW-18			MW-101		MW-102		MW-103		MW-104		MW-105	
		11/25/2013			3/16/2012			2/19/2016		2/19/2016		2/19/2016		2/18/2016		2/19/2016	
		Lot 17			Clay Street Sidewalk			Lot 57		Lot 17		Lot 57		Lot 57		Lot 57	
		(mg/L)			(mg/L)			(mg/L)		(mg/L)		(mg/L)		(mg/L)		(mg/L)	
	(mg/L)	Results	Flag	RL	Results	Flag	RL	Results	Qual	Qual	Qual	Results	Qual	Qual	Qual	Results	Qual
Aluminum	0.1	ND	-	0.01	**3.43**	-	0.01	**6.87**	-	**25.2**	-	**2.5**	-	**0.116**	-	**6.56**	-
Antimony	0.003	ND	-	0.005	ND	-	0.005	**0.00172**	J	**0.00229**	J	**0.00378**	-	**0.00197**	J	**0.0021**	J
Arsenic	0.025	ND	-	0.004	ND	-	0.01	**0.01191**	-	**0.05676**	-	**0.00195**	-	**0.00085**	-	**0.00493**	-
Barium	1	**0.033**	-	0.01	**0.25**	-	0.01	**0.07804**	-	**0.7764**	-	**0.03904**	-	**0.01147**	-	**0.09051**	-
Beryllium	0.003	ND	-	0.001	ND	-	0.001	**0.00079**	-	**0.00253**	-	0.0005	U	0.0005	U	**0.00042**	J
Cadmium	0.005	ND	-	0.003	ND	-	0.003	**0.00021**	-	**0.00185**	-	**0.00023**	-	0.0002	U	**0.00017**	J
Calcium	NS	**93.3**	-	0.05	**113**	-	0.02	**80.4**	-	**204**	-	**185**	-	**86.6**	-	**214**	-
Chromium	0.05	**0.025**	-	0.005	**0.019**	-	0.005	**0.01849**	-	**0.0727**	-	**0.00501**	-	**0.00155**	-	**0.01469**	-
Cobalt	NS	ND	-	0.005	**0.005**	-	0.005	**0.00979**	-	**0.03115**	-	**0.00418**	-	**0.00047**	-	**0.0082**	-
Copper	0.2	ND	-	0.003	**0.034**	-	0.005	**0.01909**	-	**0.1008**	-	**0.00958**	-	**0.0013**	-	**0.01752**	-
Iron	0.5	ND	-	0.02	**9.93**	B	0.01	**15**	-	**439**	-	**3.34**	-	**0.181**	-	**11**	-
Lead	0.025	ND	-	0.003	**0.005**	-	0.003	**0.01395**	-	**1.901**	-	**0.00348**	-	0.001	U	**0.01454**	-
Magnesium	35	**39.4**	-	0.05	**46.3**	-	0.02	**9.8**	-	**41.9**	-	**32.3**	-	**7.68**	-	**37.9**	-
Manganese	0.3	**0.038**	-	0.005	**1.62**	-	0.005	**0.3354**	-	**1.084**	-	**0.1512**	-	**0.08462**	-	**0.6146**	-
Mercury	0.0007	ND	-	0.0002	ND	-	0.0002	0.0002	U	**0.00175**	-	0.0002	U	0.0002	U	0.0002	U
Nickel	0.1	ND	-	0.005	**0.013**	-	0.005	**0.0147**	-	**0.05251**	-	**0.01278**	-	**0.00271**	-	**0.01717**	-
Potassium	NS	**5.55**	-	0.05	**8.48**	-	0.05	**15.1**	-	**12.6**	-	**10.7**	-	**11.7**	-	**13.4**	-
Selenium	0.01	ND	-	0.01	ND	-	0.01	**0.0306**	-	**0.0103**	-	**0.0437**	-	**0.00669**	-	**0.0226**	-
Silver	0.05	ND	-	0.005	ND	-	0.005	0.0004	U	**0.00033**	J	0.0004	U	0.0004	U	0.0004	U
Sodium	20	**41.2**	-	0.1	**80.6**	-	0.1	**57.5**	-	**43.7**	-	**64**	-	**24**	-	**26.8**	-
Thallium	0.0005	ND	-	0.005	ND	-	0.01	**0.00006**	J	**0.00056**	-	0.0005	U	0.0005	U	0.0005	U
Vanadium	NS	ND	-	0.01	ND	-	0.01	**0.03199**	-	**0.1167**	-	**0.00614**	-	**0.00157**	J	**0.01871**	-
Zinc	5	ND	-	0.01	**0.06**	-	0.02	**0.06507**	-	**0.6424**	-	**0.05378**	-	**0.00289**	J	**0.07757**	-

Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

ND = Non-detect

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Bold = Result detected above detection limit

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 10
Laboratory Results - Groundwater Results
Dissolved Metals

Compound	NYSDEC Ambient Water Quality Standards (AWQS)	Goldberg Zoino & Associates - Remedial Investigation - December 2016									
		MW-101		MW-102		MW-103		MW-104		MW-105	
		2/19/2016		2/19/2016		2/19/2016		2/18/2016		2/19/2016	
		Lot 57		Lot 17		Lot 57		Lot 57		Lot 57	
		(mg/L)		(mg/L)		(mg/L)		(mg/L)		(mg/L)	
		Results	Qual	Qual	Qual	Results	Qual	Qual	Qual	Results	Qual
Aluminum	0.1	**0.005**	J	**0.003**	J	0.01	U	**0.013**	-	**0.004**	J
Antimony	0.003	**0.0014**	J	**0.0009**	J	**0.0036**	-	**0.0031**	-	**0.0019**	J
Arsenic	0.025	**0.0015**	-	**0.0021**	-	**0.0012**	-	**0.0009**	-	**0.0014**	-
Barium	1	**0.0298**	-	**0.0327**	-	**0.0241**	-	**0.0108**	-	**0.0361**	-
Beryllium	0.003	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U
Cadmium	0.005	0.0002	U	**0.0005**	-	**0.00017**	J	0.0002	U	0.0002	U
Calcium	NS	**73.5**	-	**156**	-	**163**	-	**64.6**	-	**180**	-
Chromium	0.05	**0.0009**	J	**0.0019**	-	**0.0018**	-	**0.0015**	-	**0.002**	-
Cobalt	NS	**0.0018**	-	**0.0018**	-	**0.0026**	-	**0.0004**	J	**0.0005**	-
Copper	0.2	**0.0017**	-	**0.003**	-	**0.0019**	-	**0.001**	-	**0.0039**	-
Iron	0.5	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Lead	0.025	**0.0002**	J	**0.0255**	-	0.002	U	0.002	U	0.002	U
Magnesium	35	**7.92**	-	**37.5**	-	**32.1**	-	**7.64**	-	**36.5**	-
Manganese	0.3	**0.2002**	-	**0.3949**	-	**0.115**	-	**0.083**	-	**0.135**	-
Mercury	0.0007	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Nickel	0.1	**0.0021**	-	**0.0039**	-	**0.0087**	-	**0.0026**	-	**0.003**	-
Potassium	NS	**15.4**	-	**11.8**	-	**11.1**	-	**11**	-	**13.6**	-
Selenium	0.01	**0.029**	-	**0.008**	-	**0.043**	-	**0.006**	-	**0.02**	-
Silver	0.05	0.0004	U	0.0004	U	0.0004	U	0.0004	U	0.0004	U
Sodium	20	**56.1**	-	**46.9**	-	**56.6**	-	**23.8**	-	**27**	-
Thallium	0.0005	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U
Vanadium	NS	**0.0006**	J	**0.0026**	J	**0.0016**	J	**0.0009**	J	**0.001**	J
Zinc	5	**0.0079**	J	**0.0267**	-	**0.0292**	-	**0.0142**	-	**0.014**	-

Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

ND = Non-detect

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Bold = Result detected above detection limit

J The value is estimated. This flag is used

U The compound was anlayzed for but not detected at or above the MDL.

The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 11
Laboratory Results - Soil Gas
Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value	NYSDOH Soil Vapor Outdoor Background Levels	EBC - Remedial Investigation - 2007						FPM Group - Supplemental RI - May 2015	
			SG1		SG2		SG3		SV-1	SV-3
			1/11/2008		1/11/2008		1/11/2008		4/24/2015	4/24/2015
			Lot 57		Lot 17		Lot 20		Clay St	Clay St
			(µg/m3)		(µg/m3)		(µg/m3)		(µg/m3)	(µg/m3)
			Results	Qual	Results	Qual	Results	Qual	Results	Results
1,1,1,2-Tetrachloroethane			-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	100	<2.0-2.8	**16.37**	J	**42.56**	-	**818.4**	D	ND	ND
1,1,2,2-Tetrachloroethane		<1.5	1.03	U	0.76	U	1.79	U	-	-
1,1,2-Trichloroethane		<1.0	1.47	U	1.09	U	2.62	U	-	-
1,1,2-Trichlorotrifluoroethane			1.23	U	0.92	U	2.15	U	-	-
1,1-Dichloroethane		<1.0	0.61	U	0.45	U	1.05	U	-	-
1,1-Dichloroethene		<1.0	0.59	U	0.44	U	1.07	U	-	-
1,2,4-Trichlorobenzene		NA	**17.82**	JB	**11.13**	JB	**31.18**	JDB	-	-
1,2,4-Trimethylbenzene		<1.0	**6.39**	J	**5.41**	J	**9.34**	JD	**9.8**	**9.8**
1,2-Dibromoethane		<1.5	6.22	U	4.53	U	10.76	U	-	-
1,2-Dichlorobenzene		<2.0	**4.21**	JB	**3.01**	JB	**8.42**	JDB	-	-
1,2-Dichloroethane		<1.0	1.25	U	0.93	U	2.23	U	-	-
1,2-Dichloropropane			1.39	U	1.02	U	2.45	U	-	-
1,2-Dichlorotetrafluoroethane			0.91	U	0.68	U	1.68	U	-	-
1,3,5-Trimethylbenzene		<1.0	1.08	U	0.79	U	1.87	U	**2.3**	**2.3**
1,3-Butadiene		NA	0.51	U	0.35	U	0.88	U	-	-
1,3-Dichlorobenzene		<2.0	0.60	U	0.46	U	1.08	U	-	-
1,4-Dichlorobenzene		NA	**3.61**	J	**3.01**	J	**7.21**	JD	ND	ND
1,4-Dioxane			1.58	U	1.14	U	2.77	U	-	-
2,2,4-Trimethylpentane			0.70	U	0.51	U	1.26	U	**38**	**8.9**
2-Butanone			**5.01**	J	**4.13**	J	**9.73**	JD	-	-
2-Chlorotoluene			1.24	U	0.88	U	2.17	U	-	-
2-Hexanone			-	-	-	-	-	-	-	-
4-Ethyltoluene		NA	0.46	U	0.33	U	0.79	U	**3.7**	**5.9**
4-Isopropyltoluene			-	-	-	-	-	-	-	-
4-Methyl-2-pentanone			**3.69**	J	**3.28**	J	**12.7**	JD	-	-
Acetone		NA	**23.75**	-	**26.13**	-	**33.26**	D	**100**	**510**
Allyl Chloride			1.19	U	0..88	U	2.1	U	-	-
Acrylonitrile			-	-	-	-	-	-	-	-
Benzene		<1.6-4.7	**1.92**	J	**1.92**	J	**3.51**	JD	**1,600**	**11**
Benzyl Chloride		NA	-	-	-	-	-	-	-	-
Bromodichloromethane		<5.0	2.08	U	1.54	U	3.68	U	ND	ND
Bromoform		<1.0	0.98	U	0.71	U	1.76	U	-	-
Bromomethane		<1.0	0.58	U	0.43	U	1.01	U	-	-
Bromomethene			0.66	U	0.48	U	1.14	U	-	-
Carbon Disulfide		NA	0.30	U	0.21	U	0.53	U	**0.84**	**8.7**
Carbon Tetrachloride	5	<3.1	0.63	U	0.48	U	1.13	U	ND	ND
Chlorobenzene		<2.0	0.74	U	0.55	U	1.29	U	-	-
Chloroethane		NA	0.26	U	0.2	U	0.47	U	-	-
Chloroform		<2.4	0.93	U	**4.88**	J	1.66	U	ND	ND
Chloromethane		<1.0-1.4	**1.24**	J	0.23	U	0.56	U	ND	**0.85**
cis-1,2-Dichloroethene		<1.0	**3.17**	J	**1.98**	J	1.51	U	**11**	ND
cis-1,3-Dichloropropene		NA	1.41	U	1	U	2.45	U	-	-
Cyclohexane		NA	0.25	U	0.19	U	0.45	U	**38**	**3.6**
Dibromochloromethane		<5.0	1.36	U	1.02	U	2.39	U	-	-
Dichlorodifluromethane		NA	0.49	U	0.38	U	0.89	U	ND	**2.9**
Ethanol			-	-	-	-	-	-	-	-
Ethyl Acetate		NA	-	-	-	-	-	-	**6.8 J**	**120**
Ethylbenzene		<4.3	0.48	U	0.35	U	0.87	U	**11**	**14**
Heptane		NA	0.61	U	**2.05**	J	1.07	U	**25**	**20**
Hexachlorobutadiene		NA	**24.53**	JB	**17.07**	JB	**46.93**	JDB	-	-
Hexane		<1.5	0.56	U	0.42	U	0.99	U	**74**	ND
Isopropylalcohol		NA	-	-	-	-	-	-	ND	**49**
Isopropylbenzene			-	-	-	-	-	-	-	-
Xylene (m&p)		<4.3	**5.21**	J	**4.34**	J	**6.95**	JD	**37**	**42**
Methyl Ethyl Ketone			1.60	U	1.15	U	2.83	U	ND	**55**
Methyl Methacrylate			-	-	-	-	-	-	-	-
MTBE		NA	0.36	U	0.27	U	0.65	U	ND	**9.4 J**
Methyl Isobutyl Ketone			-	-	-	-	-	-	-	-
Methylene Chloride		<3.4	**3.13**	J	**3.13**	J	**4.86**	JD	ND	**3.8**
n-Butylbenzene			-	-	-	-	-	-	-	-
Xylene (o)		<4.3	0.65	U	**2.17**	J	1.13	U	**11**	**12**
Propylene		NA	-	-	-	-	-	-	-	-
sec-Butylbenzene			-	-	-	-	-	-	-	-
Styrene		<1.0	1.66	U	1.19	U	2.9	U	-	-
t-1,3-Dichloropropene			1.59	U	1.18	U	2.86	U	-	-
tert-butyl alcohol			**3.33**	J	**11.22**	-	**6.06**	JD	-	-
tert-butyl methyl ether			-	-	-	-	-	-	-	-
Tetrachloroethene	30		**6.10**	J	**4.07**	J	3.53	U	**8.7**	**0.88 J**
Tetrahydrofuran		NA	3.28	U	2.39	U	5.79	U	-	-
Toluene		1.0-6.1	**19.22**	-	**16.96**	-	**22.23**	D	**60**	**80**
trans-1,2-Dichloroethene		NA	0.75	U	0.56	U	1.35	U	-	-
trans-1,3-Dichloropropene		NA	-	-	-	-	-	-	-	-
Trichloroethene	2	<1.7	**3.65**	-	**5.32**	-	**112.86**	D	**140**	**0.81**
Trichlorofluoromethane		NA	1.01	U	0.73	U	1.74	U	ND	**1.6**
Trichlorotrifluoroethane			-	-	-	-	-	-	ND	ND
Vinyl Acetate			-	-	-	-	-	-	-	-
Vinyl Bromide									-	-
Vinyl Chloride		<1.0	0.38	U	0.28	U	0.66	U	ND	ND
Total CVOCs			**18.94**		**44.4**		**822.9**		**0.8**	**8.7**
BTEX			**5.2**		**4.31**		**9.3**		**1600**	**131**
Total VOCs			**197.63**		**204.71**		**1218.99**		**2,170.34**	**962.16**

Notes:

NA = No guidance value or standard available

(a) = NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values)

RL = Laboratory detection limit
Bold = Result detected above detection limit

VOCs = Volatile Organic Compounds

CVOCs = Chlorinated Volatile Organic Compounds

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 11
Laboratory Results - Soil Gas
Volatile Organic Compounds

Goldberg Zoino & Associates - Remedial Investigation - December 2016

COMPOUNDS	NYSDOH Maximum Sub-Slab Value	NYSDOH Soil Vapor Outdoor Background Levels	IA-301		OA-302		OA-303		SV-201		SV-202		SV-203		SV-204		SV-205		SV-206		SV-207	
			2/18/2016		2/18/2016		2/18/2016		2/18/2016		2/18/2016		2/18/2016		2/18/2016		2/18/2016		2/18/2016		2/18/2016	
			Lot 57		Lot 57		Lot 17		Lot 20		Lot 57		Lot 17		Lot 20		Lot 57		Lot 17		Lot 17	
			(µg/m3)		(µg/m3)		(µg/m3)		(µg/m3)		(µg/m3)		(µg/m3)		(µg/m3)		(µg/m3)		(µg/m3)		(µg/m3)	
			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,1,2-Tetrachloroethane			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	100	<2.0-2.8	0.109	U	0.109	U	0.109	U	**1.42**	-	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
1,1,2,2-Tetrachloroethane		<1.5	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U
1,1,2-Trichloroethane		<1.0	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
1,1,2-Trichlorotrifluoroethane			1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U
1,1-Dichloroethane		<1.0	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U
1,1-Dichloroethene		<1.0	0.079	U	0.079	U	0.079	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U
1,2,4-Trichlorobenzene		NA	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U
1,2,4-Trimethylbenzene		<1.0	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	**1.29**	-	**1.29**	-	0.983	U	0.983	U
1,2-Dibromoethane		<1.5	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U
1,2-Dichlorobenzene		<2.0	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
1,2-Dichloroethane		<1.0	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U
1,2-Dichloropropane			0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U
1,2-Dichlorotetrafluoroethane			1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
1,3,5-Trimethylbenzene		<1.0	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U
1,3-Butadiene		NA	0.442	U	0.442	U	0.442	U	0.442	U	**1.21**	-	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U
1,3-Dichlorobenzene		<2.0	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
1,4-Dichlorobenzene		NA	1.2	U	1.2	U	1.2	U	1.2	U	**2.9**	-	**2.54**	-	1.2	U	1.2	U	**2.86**	-	**3.18**	-
1,4-Dioxane			0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U
2,2,4-Trimethylpentane			0.934	U	0.934	U	0.934	U	0.934	U	0.934	U	0.934	U	0.934	U	0.934	U	0.934	U	0.934	U
2-Butanone			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone			0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U
4-Ethyltoluene		NA	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U
4-Isopropyltoluene			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone			2.05	U	2.05	U	2.05	U	**2.14**	-	**3.54**	-	2.05	U	**2.68**	-	2.05	U	2.05	U	2.05	U
Acetone		NA	4.3	-	3.61	-	3.16	-	15.3	-	4.94	-	5.8	-	23.8	-	24.7	-	13.9	-	8.01	-
Allyl Chloride			0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U
Acrylonitrile			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene		<1.6-4.7	0.639	U	0.639	U	0.639	U	**0.843**	-	**1.97**	-	0.639	U	0.639	U	**2.67**	-	**0.907**	-	**0.783**	-
Benzyl Chloride		NA	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U
Bromodichloromethane		<5.0	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U
Bromoform		<1.0	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U
Bromomethane		<1.0	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U
Bromomethene			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide		NA	0.632	U	0.632	U	0.632	U	**5.17**	-	**13.1**	-	**0.797**	-	**54.4**	-	**3.21**	-	**7.32**	-	**9.68**	-
Carbon Tetrachloride	5	<3.1	**0.377**	-	**0.377**	-	**0.377**	-	1.26	U	1.26	U	1.26	U	1.26	U	1.26	U	1.26	U	1.26	U
Chlorobenzene		<2.0	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U
Chloroethane		NA	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U
Chloroform		<2.4	0.977	U	0.977	U	0.977	U	**15.1**	-	**2.61**	-	**10.8**	-	0.977	U	0.977	U	0.977	U	0.977	U
Chloromethane		<1.0-1.4	**1.02**	-	**0.927**	-	**0.964**	-	**0.597**	-	0.431	U	0.431	U	**0.417**	-	0.431	U	0.431	U	0.431	U
cis-1,2-Dichloroethene		<1.0	0.079	U	0.079	U	0.079	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U
cis-1,3-Dichloropropene		NA	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U
Cyclohexane		NA	0.688	U	0.688	U	0.688	U	**0.85**	-	0.688	U	0.688	U	0.688	U	0.688	U	0.688	U	0.688	U
Dibromochloromethane		<5.0	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Dichlorodifluromethane		NA	**2.25**	-	**2.48**	-	**2.2**	-	**1.14**	-	0.989	U	**1.56**	-	0.989	U	**1.34**	-	**1.16**	-	**1.14**	-
Ethanol			9.42	U	9.42	U	9.42	U	9.42	U	9.42	U	9.42	U	**20.3**	-	**18.1**	-	9.42	U	9.42	U
Ethyl Acetate		NA	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	2.21	-	1.8	U	1.8	U	1.8	U
Ethylbenzene		<4.3	0.869	U	0.869	U	0.869	U	**0.877**	-	**2.76**	-	0.869	U	**1.33**	-	**1.94**	-	**0.934**	-	**1.36**	-
Heptane		NA	0.82	U	0.82	U	0.82	U	**1.05**	-	**1.89**	-	0.82	U	0.82	U	0.82	U	**1.77**	-	**0.971**	-
Hexachlorobutadiene		NA	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U
Hexane		<1.5	0.705	U	0.705	U	0.705	U	0.705	U	**4.86**	-	0.705	U	**0.867**	-	**0.955**	-	**5.89**	-	**2.4**	-
Isopropylalcohol		NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene (m&p)		<4.3	1.74	U	1.74	U	1.74	U	**3.51**	-	**8.86**	-	**1.94**	-	**6.3**	-	**7.56**	-	**2.83**	-	**5.08**	-
Methyl Ethyl Ketone			1.47	U	1.47	U	1.47	U	**2.78**	-	**2.4**	-	**1.83**	-	**3.42**	-	**2.07**	-	**2.73**	-	1.47	U
Methyl Methacrylate			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MTBE		NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Isobutyl Ketone			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride		<3.4	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U
n-Butylbenzene			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene (o)		<4.3	0.869	U	0.869	U	0.869	U	1.74	-	4.07	-	969	-	2.47	-	3.12	-	1.56	-	2.89	-
Propylene		NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene		<1.0	0.852	U	0.852	U	0.852	U	0.852	U	0.852	U	0.852	U	0.852	U	0.852	U	0.852	U	0.852	U
t-1,3-Dichloropropene			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-butyl alcohol			1.52	U	1.52	U	1.52	U	**2.45**	-	1.52	U	1.52	U	**6.43**	-	**3.76**	-	1.52	U	1.52	U
tert-butyl methyl ether			0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U
Tetrachloroethene	30		**0.197**	-	**0.142**	-	**0.224**	-	1.36	U	1.36	U	1.36	U	1.36	U	1.36	U	1.36	U	1.36	U
Tetrahydrofuran		NA	1.47	U	1.47	U	1.47	U	**1.64**	-	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U
Toluene		1.0-6.1	0.754	U	0.754	U	0.754	U	**3.09**	-	**1.57**	-	0.754	U	**2.31**	-	**4.03**	-	**1.05**	-	**1.27**	-
trans-1,2-Dichloroethene		NA	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U
trans-1,3-Dichloropropene		NA	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U
Trichloroethene	2	<1.7	1.07	U	1.07	U	1.07	U	1.07	U	1.07	U	1.07	U	1.07	U	1.07	U	1.07	U	1.07	U
Trichlorofluoromethane		NA	**1.24**	-	**1.21**	-	**1.24**	-	1.12	U	1.12	U	**1.24**	-	**1.24**	-	1.12	U	**1.25**	-	1.12	U
Trichlorotrifluoroethane			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Bromide			0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U
Vinyl Chloride		<1.0	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U
Total CVOCs			**5.27**		**5.27**		**5.27**		**6.58**		**5.27**		**5.27**		**5.27**		**0.00**		**5.27**		**5.27**	
BTEX			**2.646**		**2.646**		**2.646**		**3.525**		**7.738**		**970.777**		**4.708**		**1.94**		**3.402**		**5.158**	
Total VOCs			**67.40**		**66.79**		**66.18**		**105.89**		**107.42**		**1,051.11**		**168.15**		**115.60**		**96.65**		**91.76**	

Notes:

NA = No guidance value or standard available

(a) = NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values)

RL = Laboratory detection limit
Bold = Result detected above detection limit

VOCs = Volatile Organic Compounds

CVOCs = Chlorinated Volatile Organic Compounds

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 11
Laboratory Results - Soil Gas
Volatile Organic Compounds

			Ecosystems Strategies, INC - TCE Investigation - July 2013 - September 2014					
COMPOUNDS	NYSDOH Maximum Sub-Slab Value	NYSDOH Soil Vapor Outdoor Background Levels	2SB-7		2SB-8		2SB-10	
			7/31/2013		7/31/2013		7/31/2013	
			Lot		Lot		Lot	
			(µg/m3)		(µg/m3)		(µg/m3)	
			Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachloroethane			-	-	-	-	-	-
1,1,1-Trichloroethane	100	<2.0-2.8	1,000	9.3	430	220	ND	10
1,1,2,2-Tetrachloroethane		<1.5	ND	12	ND	280	ND	13
1,1,2-Trichloroethane		<1.0	ND	9.3	ND	220	ND	11
1,1,2-Trichlorotrifluoroethane			ND	13	ND	320	ND	15
1,1-Dichloroethane		<1.0	**34**	6.9	ND	170	ND	7.9
1,1-Dichloroethene		<1.0	ND	6.8	ND	160	ND	7.7
1,2,4-Trichlorobenzene		NA	ND	13	ND	310	ND	14
1,2,4-Trimethylbenzene		<1.0	**30**	8.4	**770**	200	ND	9.6
1,2-Dibromoethane		<1.5	ND	13	ND	320	ND	15
1,2-Dichlorobenzene		<2.0	ND	10	ND	250	ND	12
1,2-Dichloroethane		<1.0	ND	6.9	ND	170	ND	7.9
1,2-Dichloropropane			ND	7.9	ND	190	ND	9
1,2-Dichlorotetrafluoroethane			ND	12	ND	290	ND	14
1,3,5-Trimethylbenzene		<1.0	ND	8.4	**240**	200	ND	9.6
1,3-Butadiene		NA	ND	7.4	ND	180	ND	8.4
1,3-Dichlorobenzene		<2.0	ND	10	ND	250	ND	12
1,4-Dichlorobenzene		NA	ND	10	ND	250	ND	12
1,4-Dioxane			ND	6.2	ND	150	ND	7
2,2,4-Trimethylpentane			-	-	-	-	-	-
2-Butanone			**13**	5	**400**	120	ND	5.7
2-Chlorotoluene			-	-	-	-	-	-
2-Hexanone			ND	7	ND	170	ND	8
4-Ethyltoluene		NA	ND	42	ND	1,000	ND	48
4-Isopropyltoluene			-	-	-	-	-	-
4-Methyl-2-pentanone			ND	7	ND	170	**11**	8
Acetone		NA	**29**	4.1	**280**	98	**20**	4.6
Allyl Chloride			-	-	-	-	-	-
Acrylonitrile			-	-	-	-	-	-
Benzene		<1.6-4.7	ND	5.5	**250**	130	ND	6.2
Benzyl Chloride		NA	ND	8.8	ND	210	ND	10
Bromodichloromethane		<5.0	ND	11	ND	260	ND	12
Bromoform		<1.0	ND	18	ND	430	ND	20
Bromomethane		<1.0	ND	6.6	ND	160	ND	7.6
Bromomethene			-	-	-	-	-	-
Carbon Disulfide		NA	ND	5.3	ND	130	**13**	6.1
Carbon Tetrachloride	5	<3.1	ND	5.4	**410**	130	ND	6.1
Chlorobenzene		<2.0	ND	7.9	**340**	190	ND	9
Chloroethane		NA	ND	4.5	ND	110	ND	5.1
Chloroform		<2.4	**38**	8.3	**440**	200	ND	9.5
Chloromethane		<1.0-1.4	ND	3.5	ND	85	ND	4
cis-1,2-Dichloroethene		<1.0	**570**	6.8	**650**	160	ND	7.7
cis-1,3-Dichloropropene		NA	ND	7.8	ND	190	ND	8.8
Cyclohexane		NA	ND	5.9	**260**	140	ND	6.7
Dibromochloromethane		<5.0	ND	14	ND	330	ND	16
Dichlorodifluromethane		NA	ND	8.4	ND	200	ND	9.6
Ethanol			-	-	-	-	-	-
Ethyl Acetate		NA	ND	8.2	ND	150	ND	7
Ethylbenzene		<4.3	**25**	7.4	**300**	180	**14**	8.5
Heptane		NA	ND	7	290	170	ND	8
Hexachlorobutadiene		NA	ND	18	ND	440	ND	21
Hexane		<1.5	**6.6**	6	ND	150	**9.6**	8.9
Isopropylalcohol		NA	ND	4.2	ND	100	ND	4.8
Isopropylbenzene			-	-	-	-	-	-
Xylene (m&p)		<4.3	**110**	150	**590**	360	**44**	17
Methyl Ethyl Ketone			-	-	-	-	-	-
Methyl Methacrylate			ND	7	ND	170	ND	8
MTBE		NA	ND	6.1	ND	150	ND	7
Methyl Isobutyl Ketone			-	-	-	-	-	-
Methylene Chloride		<3.4	**7.7**	5.9	ND	140	**11**	6.8
n-Butylbenzene			-	-	-	-	-	-
Xylene (o)		<4.3	**38**	7.4	**500**	180	**11**	8.5
Propylene		NA	ND	2.9	ND	71	**60**	3.4
sec-Butylbenzene			-	-	-	-	-	-
Styrene		<1.0	ND	7.3	**490**	180	ND	8.3
t-1,3-Dichloropropene			-	-	-	-	-	-
tert-butyl alcohol			-	-	-	-	-	-
tert-butyl methyl ether			-	-	-	-	-	-
Tetrachloroethene	30		**850**	12	**700**	280	ND	13
Tetrahydrofuran		NA	ND	5	ND	120	ND	5.7
Toluene		1.0-6.1	**10**	6.4	**340**	160	**18**	7.3
trans-1,2-Dichloroethene		NA	**13**	6.8	ND	160	ND	7.7
trans-1,3-Dichloropropene		NA	ND	7.8	ND	190	ND	8.8
Trichloroethene	2	<1.7	**5,600**	92	**14,000**	110	ND	5.2
Trichlorofluoromethane		NA	ND	9.6	ND	230	ND	11
Trichlorotrifluoroethane			-	-	-	-	-	-
Vinyl Acetate			ND	6	ND	140	ND	6.9
Vinyl Bromide			-	-	-	-	-	-
Vinyl Chloride		<1.0	ND	4.4	**190**	110	ND	5
Total CVOCs			**0.00**		**920.00**		**11.00**	
BTEX			**1.94**		**800**		**25**	
Total VOCs			**8,374.30**		**21,870.00**		**151.60**	

Notes:

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Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 12
Parameters Detected Above Track 1 Soil Cleanup Objectives

COMPOUND	Range in Exceedances	Frequency of Detection	SB14	E1	E2	E4		E6	E7	E12		E13	E14		MW-19	MW-40	SB-101	SB-102	SB-103		SB-104	SB-105	SB-106	SB-108
			6/13/2006	8/16/2007	8/16/2007	8/16/2007		8/16/2007	8/17/2007	8/17/2007		8/17/2007	8/17/2007		4/19/2012	9/24/2014	2/12/2016	2/12/2016	2/12/2016		2/11/2016	2/11/2016	2/11/2016	2/11/2016
				(0-4')	(0-4')	(0-4')	(8-12')	(8-12')	(0-4')	(0-4')	(8-12')	(8-12')	(0-4')	(8-12')	(8-12')	(15-20')	(5-7')	(10-12')	(0-2')	(4-6')	(0-2')	(0-2')	(0-2')	(10-12')
Sample Results in ug/kg																								
1,2,4-Trimethylbenzene	11,000	1	**11,000**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	140-1,100	2	-	-	-	-	-	-	-	-	-	-	-	-	**1,100**	**140**	-	-	-	-	-	-	-	-
m&p Xylenes	2,300	1	**2,300**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	14,000	1	**14,000**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	650	1	**650**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sample Results in ug/kg																								
Benz(a)anthracene	1,100-9,200	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**9,200**	-	-	**4,500**	-	**1,100**
Benzo(a)anthracene	1,000-8,400	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**8,400**	-	-	**3,900**	-	**1,000**
Benzo(b)fluoranthene	1,500-11,000	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**11,000**	-	-	**5,000**	-	**1,500**
Benzo (k)fluoranthene	2,000-3,400	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**3,400**	-	-	**2,000**	-	-
Chrysene	1,200-9,800	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**9,800**	-	-	**4,600**	-	**1,200**
Dibenz(a,h)anthracene	500-1,300	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1,300**	-	-	**500**	-	-
Indeno(1,2,3-cd)pyrene	690-5,600	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**5,600**	-	-	**2,200**	-	**690**
Sample Results in ug/kg																								
4,4'-DDE	3.54-173.9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**3.54**	-	-	-	-	**17.9**	-	-
Sample Results in mg/kg																								
Barium	490	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**490**	-	-
Chromium	31.6-77	4	-	-	-	-	**43.4**	**31.6**	-	-	**77**	-	-	**34.8**	-	-	-	-	-	-	-	-	-	-
Copper	53.8-78.9	4	-	-	-	-	-	-	**69.1**	**78.9**	**53.8**	-	-	-	-	-	-	**670**	-	-	-	-	-	-
Lead	80-2,500	6	-	-	-	**80**	-	-	-	**380**	-	-	-	-	-	-	-	**200**	**160**	-	-	**2,500**	-	**230**
Mercury	0.22-1.8	5	-	-	-	-	**0.249**	-	-	-	**1.8**	-	-	-	-	-	-	-	**0.27**	**0.22**	-	-	-	**0.28**
Nickel	31.4-51.5	3	-	-	-	-	**37.7**	-	-	-	**51.5**	-	-	**31.4**	-	-	-	-	-	-	-	-	-	-
Silver	2.26	1	-	-	-	-	-	-	-	-	**2.26**	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	110-542	15	-	**169**	**164**	-	**125**	**135**	**184**	**542**	**279**	**140**	**239**	**132**	-	-	-	**230**	-	-	**110**	**380**	**240**	**220**

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Laboratory Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Unrestricted Use SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Restricted Residential Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Commercial Guidance Value

Former NuHart Facility East
22-32 Clay Street 67-93 Dupont Street
Brooklyn, New York

Table 13
Parameters Detected Above Ambient Groundwater Standards

COMPOUND	Range in Exceedances	Frequency of Detection	MW1	MW2	MW3	MW9	MW10	E6	E13	MW3		MW10	MW17	MW18		MW19	MW40	MW-101	MW-102	MW-103	MW-104	MW-105
			7/24/2006	7/24/2006	7/24/2006	7/24/2006	7/24/2006	11/27/2006	11/27/2007	4/25/2012	11/25/2013	3/16/2012	4/19/2012	3/16/2012	10/8/2014	4/19/2012	10/8/2014	2/16/2016	2/19/2016	2/19/2016	2/18/2016	2/19/2016
Sample Results in ug/L																						
1,1,1,2-Tetrachlorothane	110	1	-	-	-	-	-	-	-	-	-	-	-	**110**	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	110	1	-	-	-	-	-	-	-	-	-	-	-	**110**	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	110	1	-	-	-	-	-	-	-	-	-	-	-	**110**	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	110	1	-	-	-	-	-	-	-	-	-	-	-	**110**	-	-	-	-	-	-	-	-
1,3-Dichloropropane	110	1	-	-	-	-	-	-	-	-	-	-	-	**110**	-	-	-	-	-	-	-	-
2,2-Dichloropropane	110	1	-	-	-	-	-	-	-	-	-	-	-	**110**	-	-	-	-	-	-	-	-
2-Chlorotoluene	110	1	-	-	-	-	-	-	-	-	-	-	-	**110**	-	-	-	-	-	-	-	-
4-Chlorotoluene	110	1	-	-	-	-	-	-	-	-	-	-	-	**110**	-	-	-	-	-	-	-	-
Bromobenzene	110	1	-	-	-	-	-	-	-	-	-	-	-	**110**	-	-	-	-	-	-	-	-
cis-1-2-Dichloromethane	530	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**530**	-	-	-	-	-
Dibromomethane	110	1	-	-	-	-	-	-	-	-	-	-	-	**110**	-	-	-	-	-	-	-	-
Ethylbenzene	11	1	-	-	-	**11**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene	5 - 110	3	**5**	-	-	**8**	-	-	-	-	-	-	-	**110**	-	-	-	-	-	-	-	-
m&p Xylenes	11	1	-	-	-	**11**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
methylene chloride	5.3 - 6.5	5	-	-	-	-	-	-	-	**6.5**	-	**5.6**	**5.3**	**5.8**	-	**5.8**	-	-	-	-	-	-
Naphthalene	71 - 110	3	**75**	-	-	**71**	-	-	-	-	-	-	-	**110**	-	-	-	-	-	-	-	-
n-Butylbenzene	6 - 110	3	**6**	-	-	**6**	-	-	-	-	-	-	-	**110**	-	-	-	-	-	-	-	-
n-Propylbenzene	7 - 110	3	**7**	-	-	**10**	-	-	-	-	-	-	-	**110**	-	-	-	-	-	-	-	-
sec-Butylbenzene	9 - 110	2	**9**	-	-	-	-	-	-	-	-	-	-	**110**	-	-	-	-	-	-	-	-
trans1-1,2-dichloromethane	25	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**25**	-	-	-	-	-
tert-butylbenzene	110	1	-	-	-	-	-	-	-	-	-	-	-	**110**	-	-	-	-	-	-	-	-
Trichloroethene	7 - 7,400	5	-	-	-	-	-	**23**	**16**	-	-	-	**7**	-	**16**	-	**7,400**	-	-	-	-	-
Sample Results in ug/L																						
Benz(a)anthracene	0.11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.11**	-	-	-
Benzo(a)pyrene	0.11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.11**	-	-	-
Benzo(b)fluoranthene	0.15	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.15**	-	-	-
Benzo(k)fluoranthene	0.06	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.06**	-	-	-
Bis(2-ethylhexyl)phthalate	6 - 60	6	-	**60**	**31**	-	**6**	-	-	-	-	**12.5**	**10.8**	-	-	**39.6**	-	-	-	-	-	-
Chrysene	0.1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.1**	-	-	-
Fluorene	75	1	**75**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2.3-cd)pyrene	0.08	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.08**	-	-	-
Isophorone	99	1	**99**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	110	1	**110**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	3.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**3.5**	-
Sample Results in ug/L																						
Antimony (dissolved)	0.0031 - 0.0036	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.0036**	**0.0031**	-
Lead (dissolved)	0.0255	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.0255**	-	-	-
Magnesium (dissolved)	36.5 - 37.5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**37.5**	-	-	**36.5**
Manganese (dissolved)	0.3949	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.3949**	-	-	-
Selenium (dissolved)	0.02 - 0.043	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.029**	-	**0.043**	-	**0.02**
Sodium (dissolved)	23.8 - 56.6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**56.1**	**46.9**	**56.6**	**23.8**	**27**
Sample Results in mg/L																						
Aluminum (total)	0.116 - 25.2	6	-	-	-	-	-	-	-	-	-	-	-	**3.43**	-	-	-	**6.87**	**25.2**	**2.5**	**0.116**	**6.56**
Antimony (total)	0.00378	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.00378**	-	-
Arsenic (total)	0.05676	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.05676**	-	-	-
Chromium (total)	0.0727	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.0727**	-	-	-
Iron (total)	3.34 - 439	5	-	-	-	-	-	-	-	-	-	-	-	**9.93**	-	-	-	**15**	**439**	**3.34**	-	**11**
Lead (total)	1.901	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1.901**	-	-	-
Magnesium (total)	37.9 - 46.3	4	-	-	-	-	-	-	-	-	**39.4**	-	-	**46.3**	-	-	-	-	**41.9**	-	-	**37.9**
Manganese (total)	0.3354 - 1.62	4	-	-	-	-	-	-	-	-	-	-	-	**1.62**	-	-	-	**0.3354**	**1.084**	-	-	**0.6146**
Mercury (total)	0.00175	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.00175**	-	-	-
Selenium (total)	0.0103 - 0.0306	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.0306**	**0.0103**	**0.0437**	-	**0.0226**
Sodium (total)	24 - 80.6	7	-	-	-	-	-	-	-	-	**41.2**	-	-	**80.6**	-	-	-	**57.5**	**43.7**	**64**	**24**	**26.8**
Thallium (total)	0.00056	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.00056**	-	-	-

Notes:
RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit
ND = Non-detect
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard
Bold = Result detected above detection limit

FIGURES

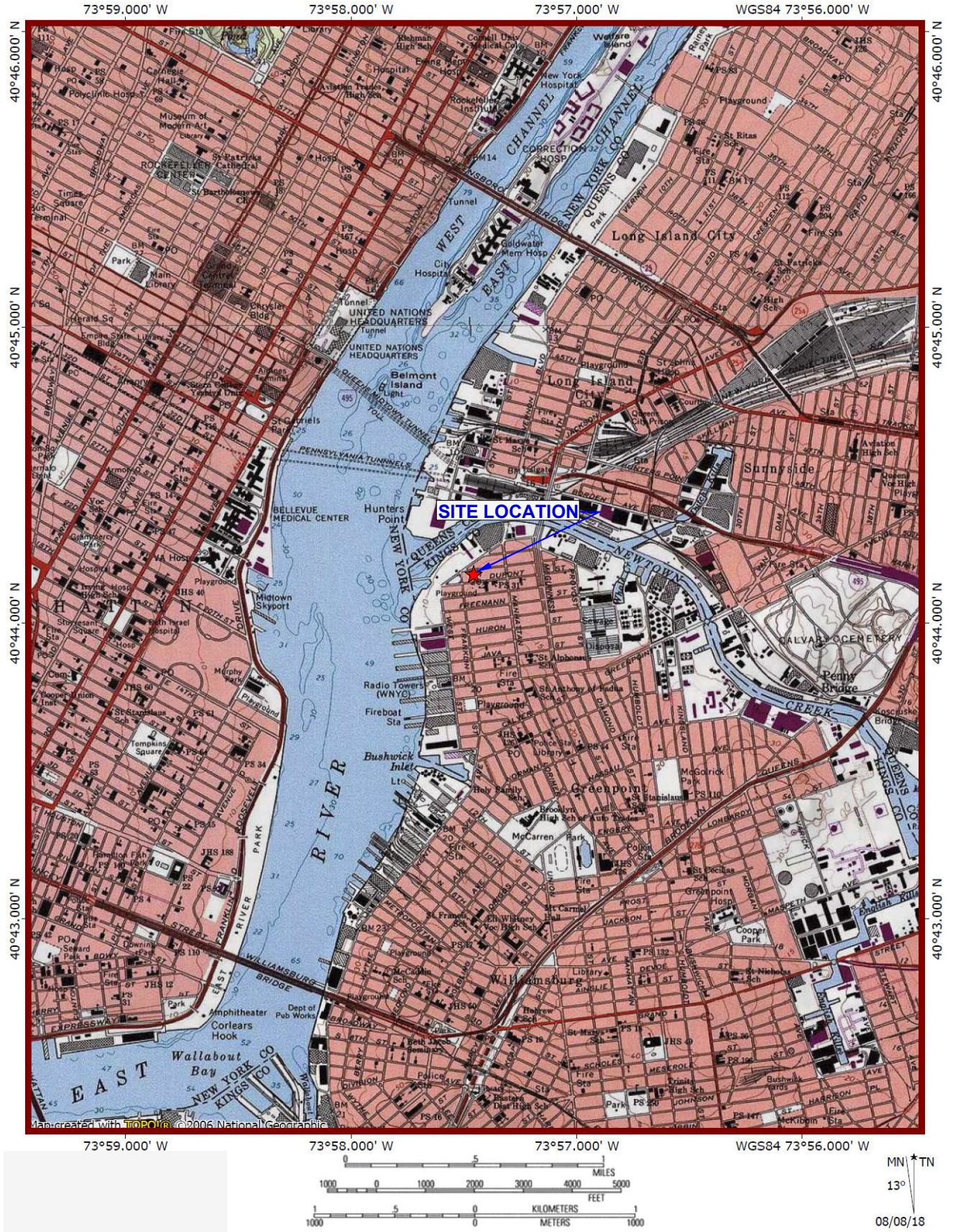

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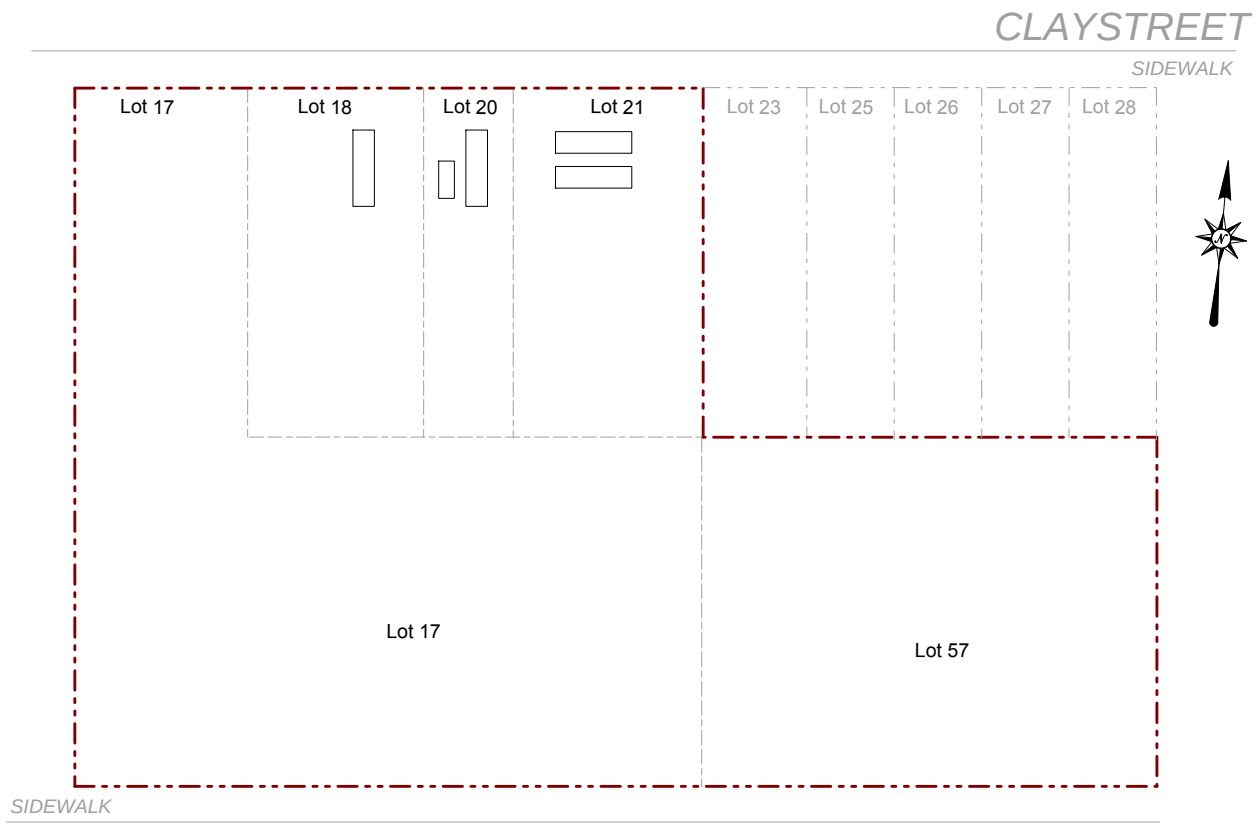
Figure No. 1

Site Name: Former Nuhart Facility East

Site Address: 22-32 Clay Street & 67-93 Dupopnt Street, Brooklyn, NY

Drawing Title: Site Location Map



KEY:

- Site Boundary
- Lot Boundary
- Underground Storage Tank (Closed in-place)

SCALE:

0 27.5 55

1 Inch = 55 feet

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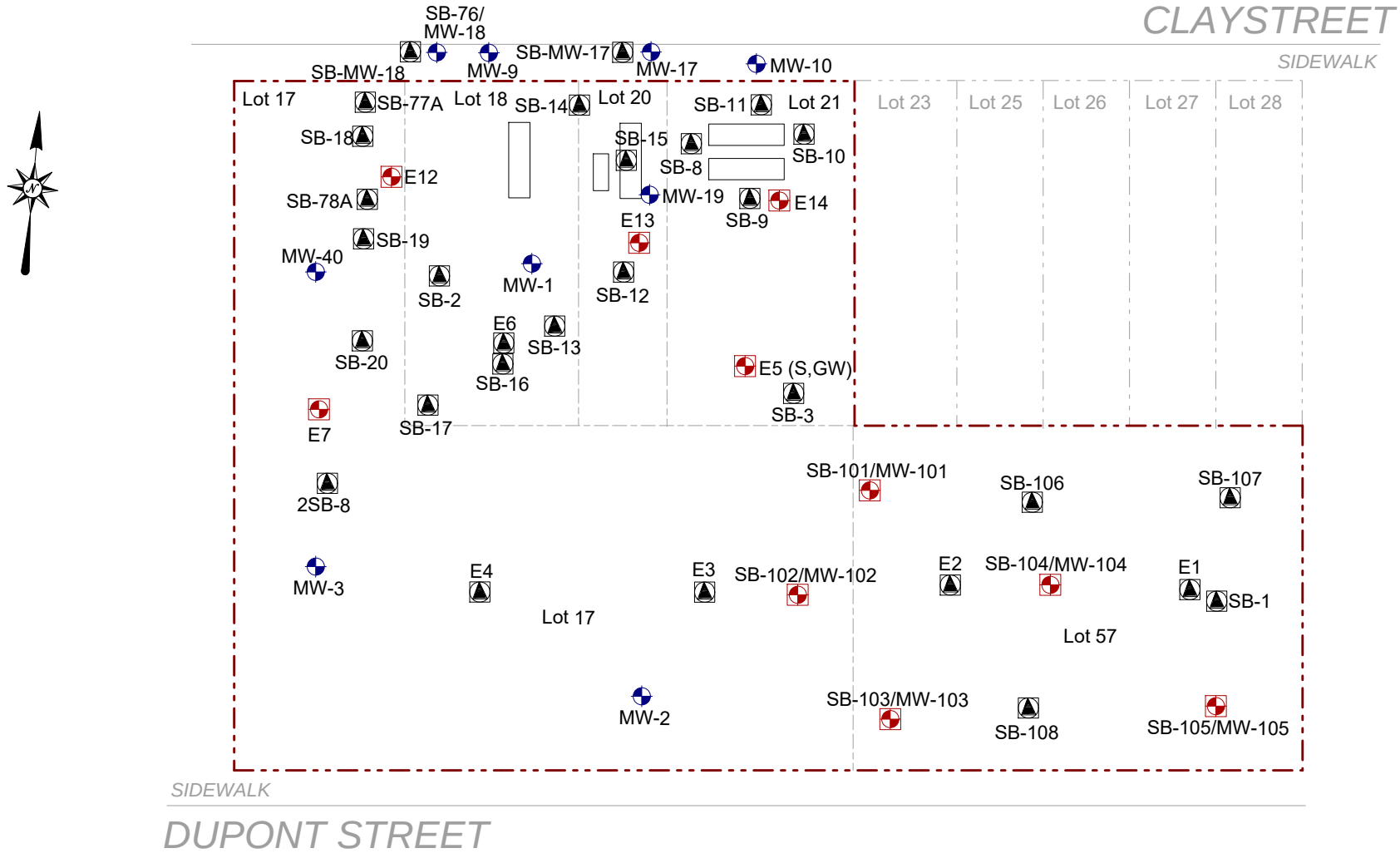
Fax 631. 924 .2870

Figure No. 2

Site Name: FORMER NUHARTE EAST SITE

Site Address: 22-32 CLAY STREET & 67-93 DUPONT STREET, BROOKLYN NY

Drawing Title: SITE PLAN



KEY:

- Site Boundary
- Lot Boundary
- Soil Boring Location
- Soil / GW Sample Location
- MW / Soil Sample Location
- UST (Closed in-place)

SCALE:

0 25 50

1 Inch = 50 feet

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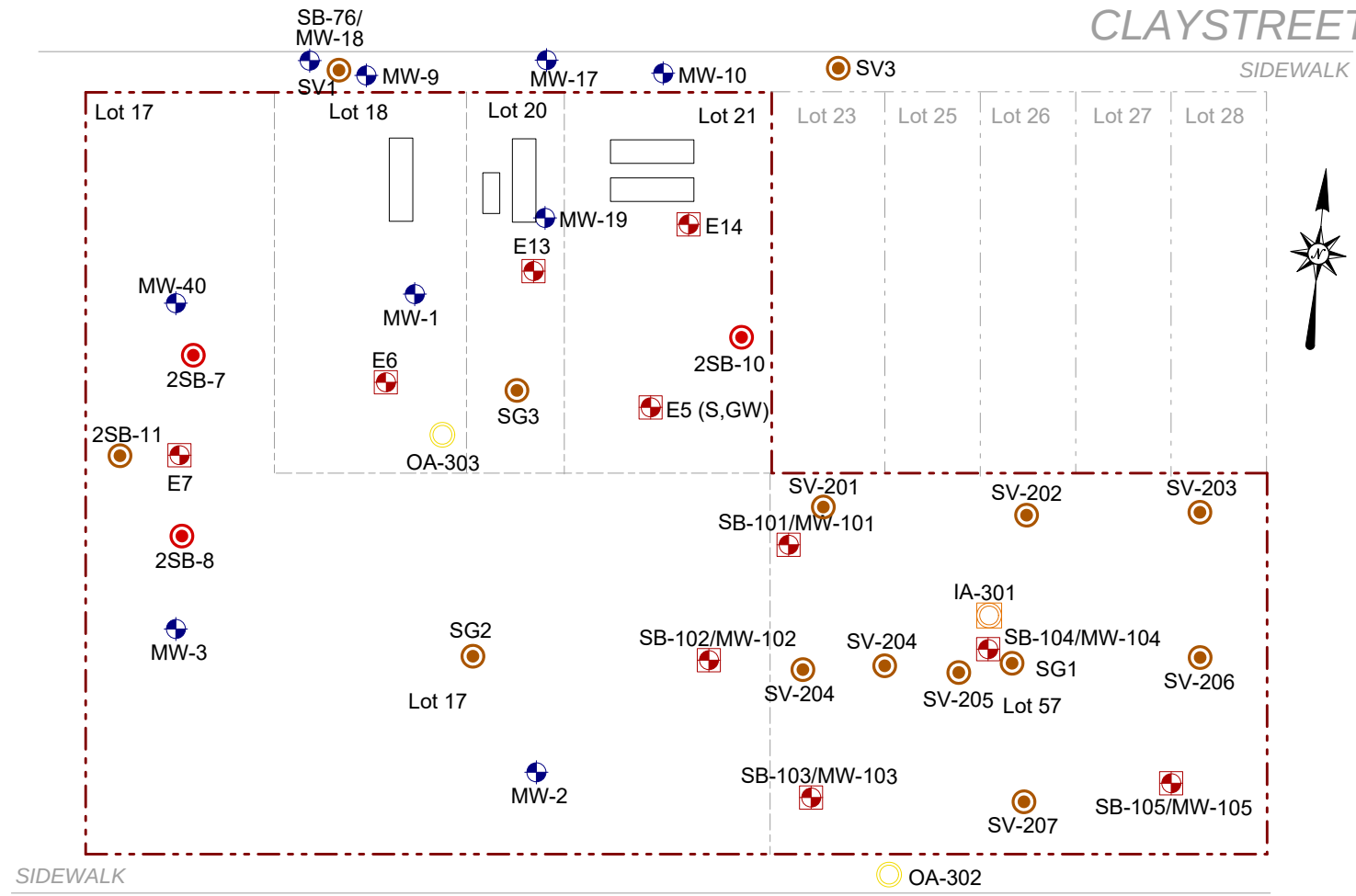
Figure No. 3

Site Name: FORMER NUHART FACILITY EAST

Site Address: 22-32 CLAY STREET & 67-93 DUPONT STREET, BROOKLYN NY

Drawing Title: SOILSAMPLING LOCATIONS



KEY:

- Site Boundary
- Lot Boundary
- UST(Closed in-place)
- Soil / GW Sample Location
- Monitoring Well Sample Location
- SG / Soil Sample Location
- Soil Gas Sample Location
- Indoor Air Sampling Location
- Outdoor Air Sampling Location

SCALE:

0 25 50

1 Inch = 50 feet

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Figure No. 4

Site Name: FORMER NUHART FACILITY EAST

Site Address: 22-32 CLAY STREET & 67-93 DUPONT STREET, BROOKLYN NY

Drawing Title: GROUNDWATER AND SOIL VAPOR SAMPLING LOCATIONS

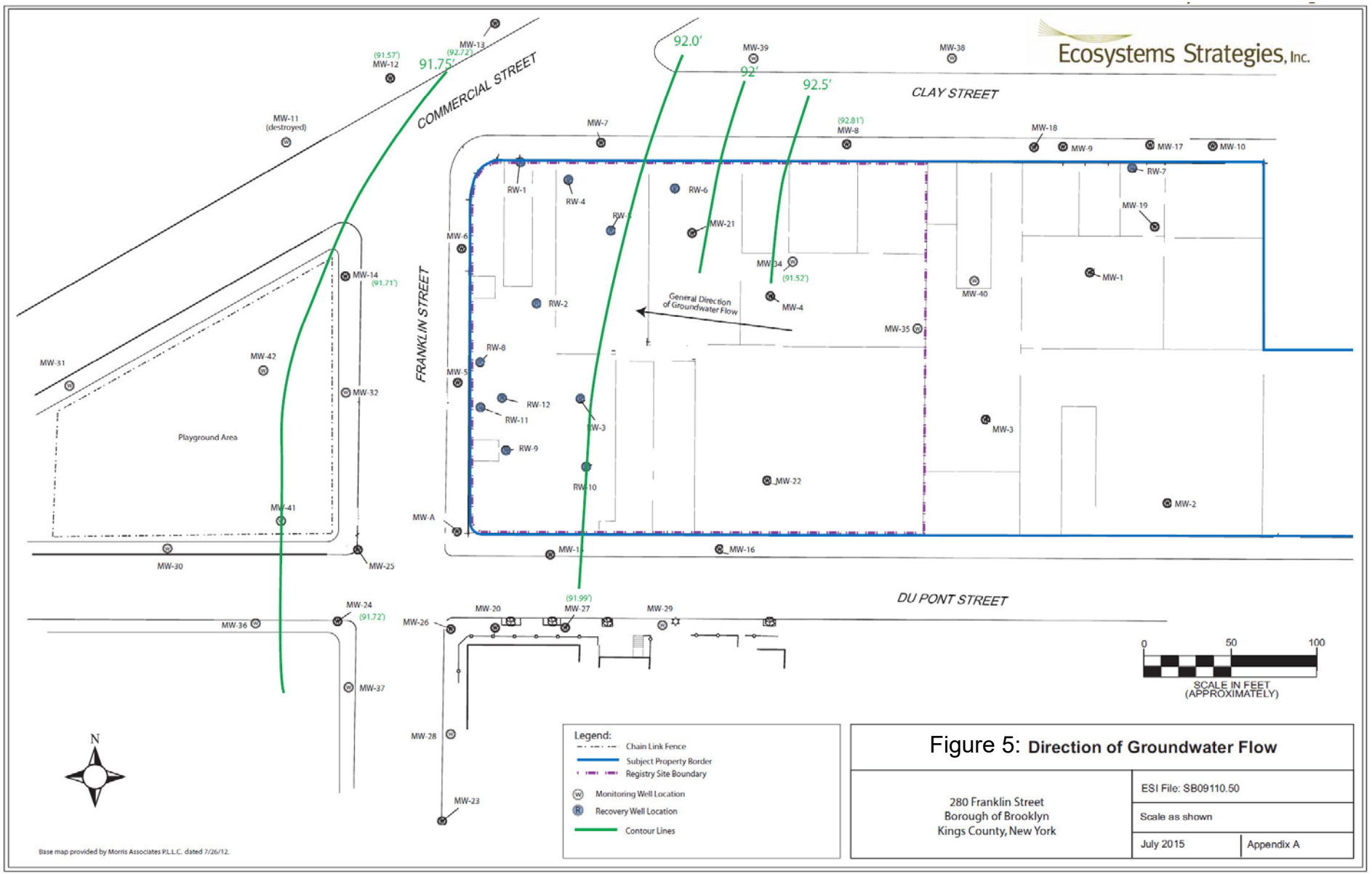

Figure 5: **Direction of Groundwater Flow**

280 Franklin Street
Borough of Brooklyn
Kings County, New York

ESI File: SB09110.50

Scale as shown

July 2015 | Appendix A

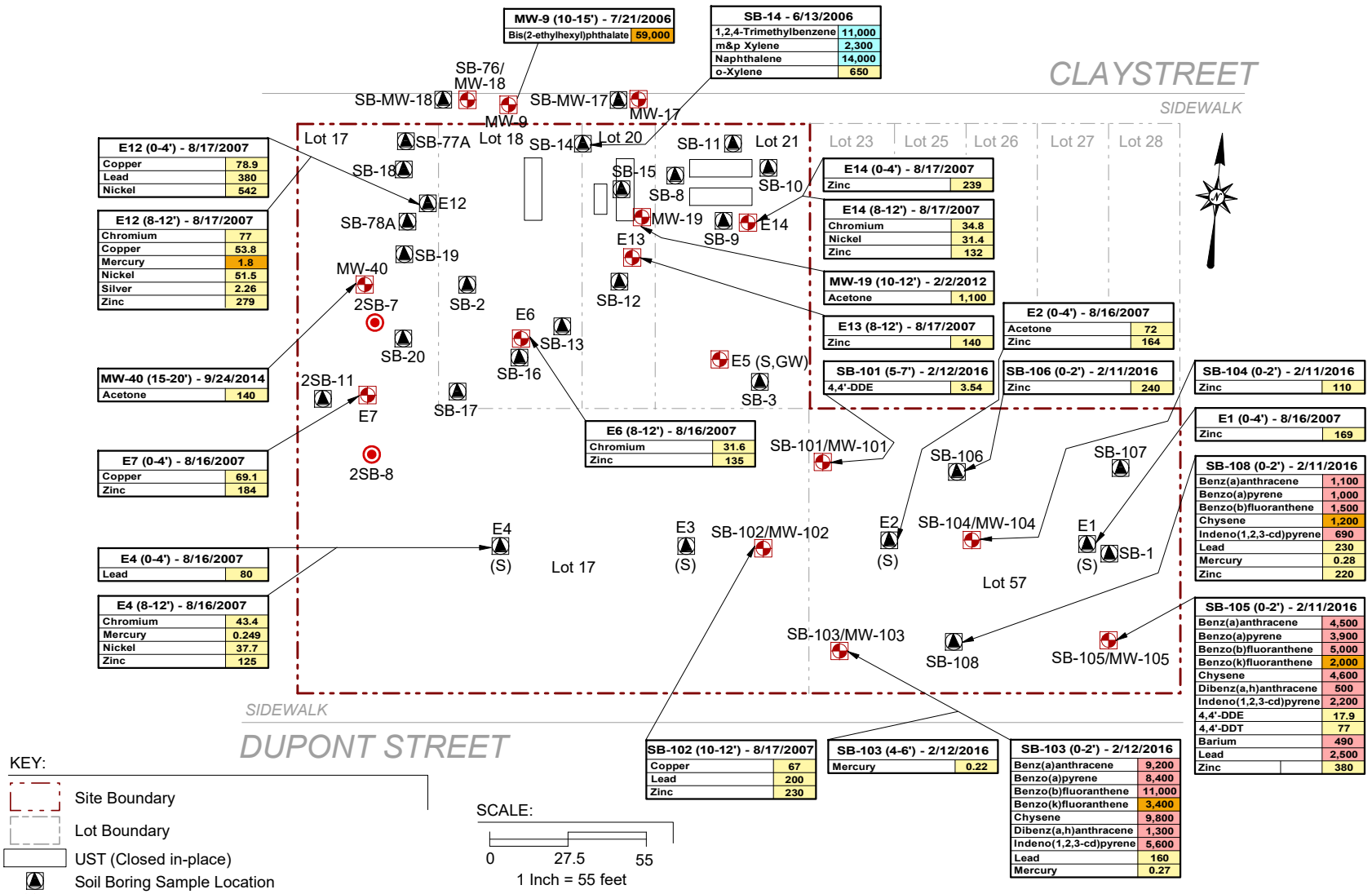

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Figure No. 6

Site Name: Former Nuharte East Site

Site Address: 22-32 Clay Street & 67-93 Dupont Street, Brooklyn NY

Drawing Title: Posted Soil Results Above Unrestricted / Residental Restricted and Commercial SCOs

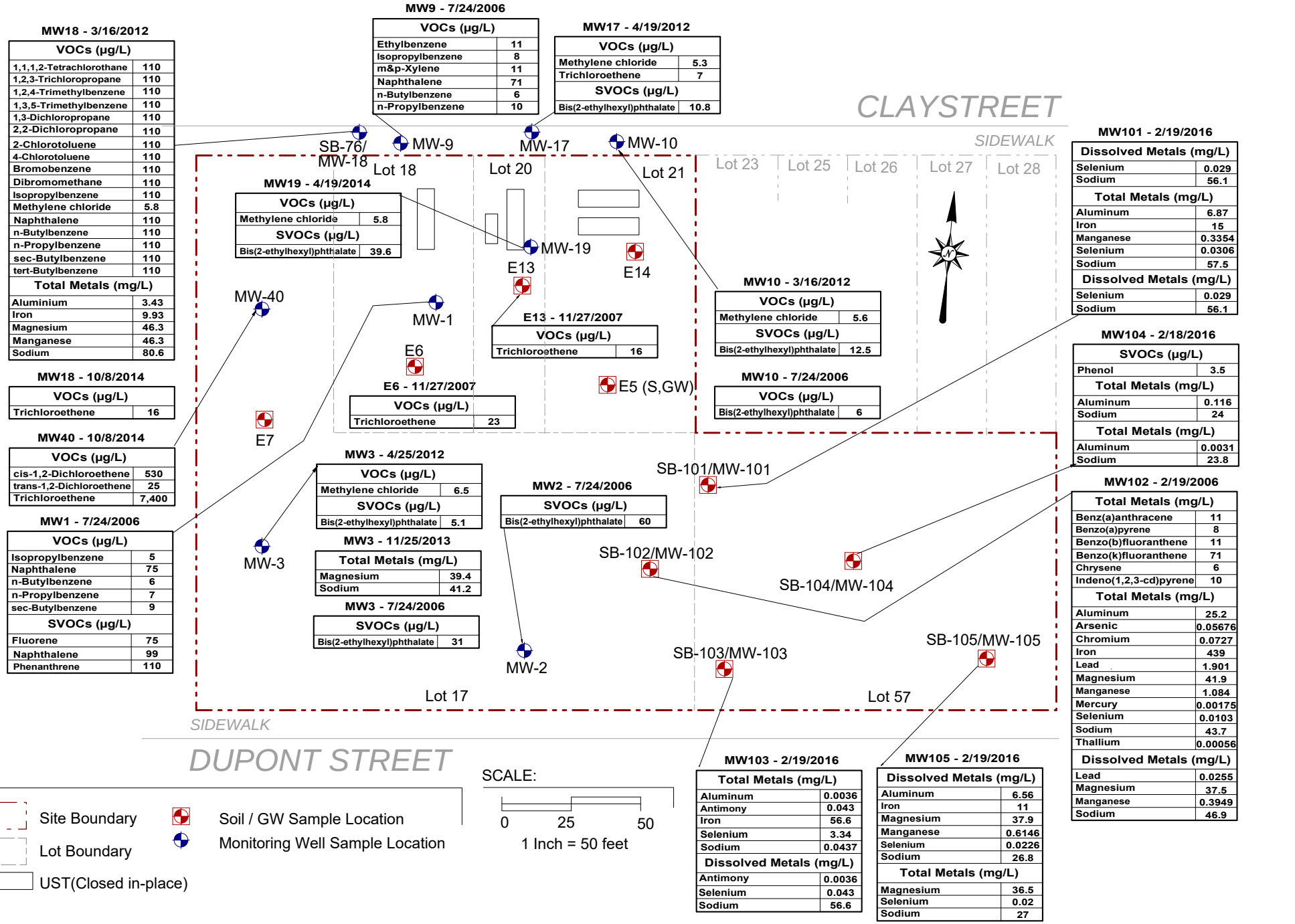

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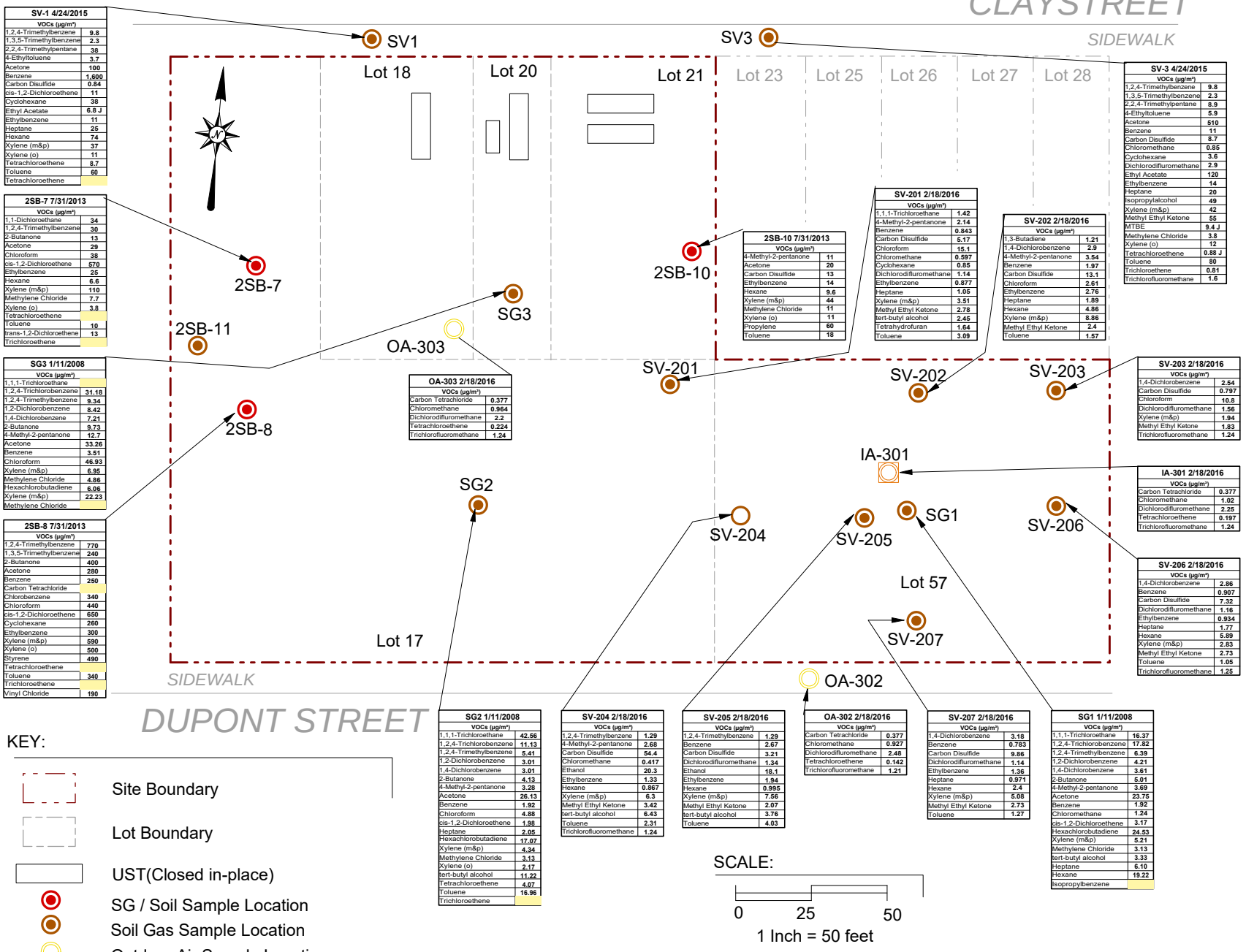
Figure No. 7

Site Name: Former Nuhart Facility East

Site Address: 22-32 Clay Street & 67-93 Dupont Street, Brooklyn NY

Drawing Title: Groundwater Exceedances Map



SV-1 4/24/2015	
VOCs (µg/m³)	
1,2,4-Trimethylbenzene	9.8
1,3,5-Trimethylbenzene	2.3
2,2,4-Trimethylpentane	38
4-Ethyltoluene	3.7
Acetone	100
Benzene	1,600
Carbon Disulfide	0.84
cis-1,2-Dichloroethene	11
Cyclohexane	38
Ethyl Acetate	6.8 J
Ethylbenzene	11
Heptane	25
Hexane	74
Xylene (m&p)	37
Xylene (o)	11
Tetrachloroethene	8.7
Toluene	60
Tetrachloroethene	

2SB-7 7/31/2013	
VOCs (µg/m³)	
1,1-Dichloroethane	34
1,2,4-Trimethylbenzene	30
2-Butanone	13
Acetone	29
Chloroform	38
cis-1,2-Dichloroethene	570
Ethylbenzene	25
Hexane	6.6
Xylene (m&p)	110
Methylene Chloride	7.7
Xylene (o)	3.8
Tetrachloroethene	
Toluene	10
trans-1,2-Dichloroethene	13
Trichloroethene	

SG3 1/11/2008	
VOCs (µg/m³)	
1,1,1-Trichloroethane	
1,2,4-Trichlorobenzene	31.18
1,2,4-Trimethylbenzene	9.34
1,2-Dichlorobenzene	8.42
1,4-Dichlorobenzene	7.21
2-Butanone	9.73
4-Methyl-2-pentanone	12.7
Acetone	33.26
Benzene	3.51
Chloroform	46.93
Xylene (m&p)	6.95
Methylene Chloride	4.86
Hexachlorobutadiene	6.06
Xylene (m&p)	22.23
Methylene Chloride	

2SB-8 7/31/2013	
VOCs (µg/m³)	
1,2,4-Trimethylbenzene	770
1,3,5-Trimethylbenzene	240
2-Butanone	400
Acetone	280
Benzene	250
Carbon Tetrachloride	
Chlorobenzene	340
Chloroform	440
cis-1,2-Dichloroethene	650
Cyclohexane	260
Ethylbenzene	300
Xylene (m&p)	590
Xylene (o)	500
Styrene	490
Tetrachloroethene	
Toluene	340
Trichloroethene	
Vinyl Chloride	190

OA-303 2/18/2016	
VOCs (µg/m³)	
Carbon Tetrachloride	0.377
Chloromethane	0.964
Dichlorodifluoromethane	2.2
Tetrachloroethene	0.224
Trichlorofluoromethane	1.24

2SB-10 7/31/2013	
VOCs (µg/m³)	
4-Methyl-2-pentanone	11
Acetone	20
Carbon Disulfide	13
Ethylbenzene	14
Hexane	9.6
Xylene (m&p)	44
Methylene Chloride	11
Xylene (o)	11
Propylene	60
Toluene	18

SV-201 2/18/2016	
VOCs (µg/m³)	
1,1,1-Trichloroethane	1.42
4-Methyl-2-pentanone	2.14
Benzene	0.843
Carbon Disulfide	5.17
Chloroform	15.1
Chloromethane	0.597
Cyclohexane	0.85
Dichlorodifluromethane	1.14
Ethylbenzene	0.877
Heptane	1.05
Xylene (m&p)	3.51
Methyl Ethyl Ketone	2.78
tert-butyl alcohol	2.45
Tetrahydrofuran	1.64
Toluene	3.09

SV-202 2/18/2016	
VOCs (µg/m³)	
1,3-Butadiene	1.21
1,4-Dichlorobenzene	2.9
4-Methyl-2-pentanone	3.54
Benzene	1.97
Carbon Disulfide	13.1
Chloroform	2.61
Ethylbenzene	2.76
Heptane	1.89
Hexane	4.86
Xylene (m&p)	8.86
Methyl Ethyl Ketone	2.4
Toluene	1.57

SV-3 4/24/2015	
VOCs (µg/m³)	
1,2,4-Trimethylbenzene	9.8
1,3,5-Trimethylbenzene	2.3
2,2,4-Trimethylpentane	8.9
4-Ethyltoluene	5.9
Acetone	510
Benzene	11
Carbon Disulfide	8.7
Chloromethane	0.85
Cyclohexane	3.6
Dichlorodifluromethane	2.9
Ethyl Acetate	120
Ethylbenzene	14
Heptane	20
Isopropylalcohol	49
Xylene (m&p)	42
Methyl Ethyl Ketone	55
MTBE	9.4 J
Methylene Chloride	3.8
Xylene (o)	12
Tetrachloroethene	0.88 J
Toluene	80
Trichloroethene	0.81
Trichlorofluoromethane	1.6

SV-203 2/18/2016	
VOCs (µg/m³)	
1,4-Dichlorobenzene	2.54
Carbon Disulfide	0.797
Chloroform	10.8
Dichlorodifluromethane	1.56
Xylene (m&p)	1.94
Methyl Ethyl Ketone	1.83
Trichlorofluoromethane	1.24

IA-301 2/18/2016	
VOCs (µg/m³)	
Carbon Tetrachloride	0.377
Chloromethane	1.02
Dichlorodifluromethane	2.25
Tetrachloroethene	0.197
Trichlorofluoromethane	1.24

SV-206 2/18/2016	
VOCs (µg/m³)	
1,4-Dichlorobenzene	2.86
Benzene	0.907
Carbon Disulfide	7.32
Dichlorodifluromethane	1.16
Ethylbenzene	0.934
Heptane	1.77
Hexane	5.89
Xylene (m&p)	2.83
Methyl Ethyl Ketone	2.73
Toluene	1.05
Trichlorofluoromethane	1.25

SG2 1/11/2008	
VOCs (µg/m³)	
1,1,1-Trichloroethane	42.56
1,2,4-Trichlorobenzene	11.13
1,2,4-Trimethylbenzene	5.41
1,2-Dichlorobenzene	3.01
1,4-Dichlorobenzene	3.01
2-Butanone	4.13
4-Methyl-2-pentanone	3.28
Acetone	26.13
Benzene	1.92
Chloroform	4.88
cis-1,2-Dichloroethene	1.98
Heptane	2.05
Hexachlorobutadiene	17.07
Xylene (m&p)	4.34
Methylene Chloride	3.13
Xylene (o)	2.17
tert-butyl alcohol	11.22
Tetrachloroethene	4.07
Toluene	16.96
Trichloroethene	

SV-204 2/18/2016	
VOCs (µg/m³)	
1,2,4-Trimethylbenzene	1.29
4-Methyl-2-pentanone	2.68
Carbon Disulfide	54.4
Chloromethane	0.417
Ethanol	20.3
Ethylbenzene	1.33
Hexane	0.867
Xylene (m&p)	6.3
Methyl Ethyl Ketone	3.42
tert-butyl alcohol	6.43
Toluene	2.31
Trichlorofluoromethane	1.24

SV-205 2/18/2016	
VOCs (µg/m³)	
1,2,4-Trimethylbenzene	1.29
Benzene	2.67
Carbon Disulfide	3.21
Dichlorodifluromethane	1.34
Ethanol	18.1
Ethylbenzene	1.94
Hexane	0.995
Xylene (m&p)	7.56
Methyl Ethyl Ketone	2.07
tert-butyl alcohol	3.76
Toluene	4.03

OA-302 2/18/2016	
VOCs (µg/m³)	
Carbon Tetrachloride	0.377
Chloromethane	0.927
Dichlorodifluromethane	2.48
Tetrachloroethene	0.142
Trichlorofluoromethane	1.21

SV-207 2/18/2016	
VOCs (µg/m³)	
1,4-Dichlorobenzene	3.18
Benzene	0.783
Carbon Disulfide	9.86
Dichlorodifluromethane	1.14
Ethylbenzene	1.36
Heptane	0.971
Hexane	2.4
Xylene (m&p)	5.08
Methyl Ethyl Ketone	2.73
Toluene	1.27

SG1 1/11/2008	
VOCs (µg/m³)	
1,1,1-Trichloroethane	16.37
1,2,4-Trichlorobenzene	17.82
1,2,4-Trimethylbenzene	6.39
1,2-Dichlorobenzene	4.21
1,4-Dichlorobenzene	3.61
2-Butanone	5.01
4-Methyl-2-pentanone	3.69
Acetone	23.75
Benzene	1.82
Chloromethane	1.24
cis-1,2-Dichloroethene	3.17
Hexachlorobutadiene	24.53
Xylene (m&p)	5.21
Methylene Chloride	3.13
tert-butyl alcohol	3.33
Heptane	6.10
Hexane	19.22
Isopropylbenzene	

KEY:

- Site Boundary
- Lot Boundary
- UST(Closed in-place)
- SG / Soil Sample Location
- Soil Gas Sample Location
- Outdoor Air Sample Location
- Indoor Air Sample Location

SCALE:

0 25 50

1 Inch = 50 feet

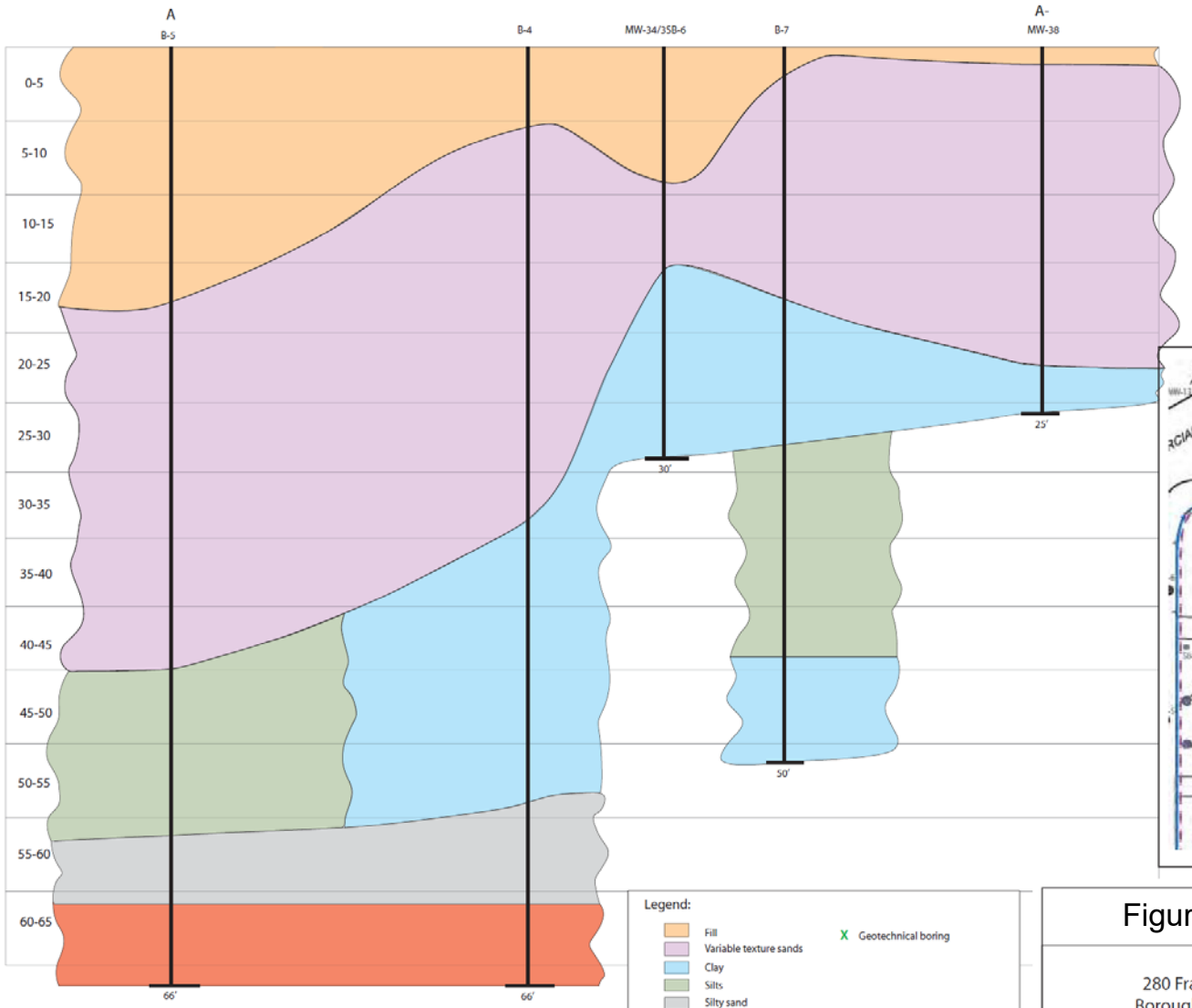
EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631. 924 .2870

Figure No. 8

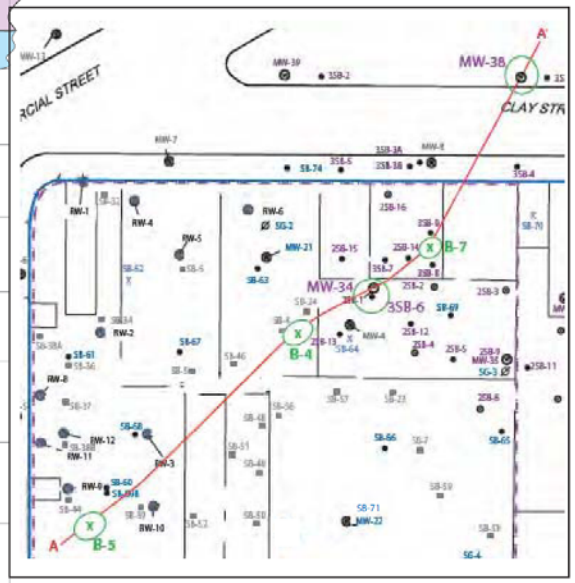
Site Name: Former Nuhart Facility East

Site Address: 22-32 Clay Street & 67-93 Dupont Street, Brooklyn NY

Drawing Title: Posted Soil Gas Detections



Ecosystems Strategies, Inc.



Legend:

- Fill
- Variable texture sands
- Clay
- Silts
- Silty sand
- Bedrock (gneiss)
- X Geotechnical boring

All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Figure 9: Geological Cross Section

280 Franklin Street
Borough of Brooklyn
Kings County, New York

ESI File: SB09110.50

Not to scale

July 2015 | Appendix A

APPENDIX A

Underground Storage Tank Closure Report

ASR – July 2006

ADVANCED SITE RESTORATION, LLC
ENVIRONMENTAL SERVICES

Spill # 0601852
Underground Tank Closure Report
49-55 Dupont St., Brooklyn, New York 11222



Prepared on Behalf of:
49 Dupont Realty Corporation

Prepared By:
Alberto Baruffi
Advanced Site Restoration, LLC

July 2006

Alberto Baruffi
Project Professional

Steve Muller
Project Manager

"One Call Does it All" - Ask ASR Toll-Free at 1•866.9ASKASR
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1. Submittal Information

NYSDEC Spill Number
SPILL # 0601852

NYSDEC Case Manager:
Raphael Katani

Site Owner:
49 Dupont Realty Corporation

Location of Subject Property:
47-55 Dupont St.
Brooklyn N.Y. 11222

2. Scope of Project

This Underground Storage Tank Closure Report documents the results of the investigation and closure of seventeen (17) underground storage tanks (USTs) at the subject site. This investigation was conducted by Advanced Site Restoration, LLC (ASR), contracted by the 49 Dupont Realty Corp. to oversee the tank closure activities.

This report details the filling of underground storage tanks in accordance with New York State Department of Environmental Conservation (NYSDEC), Spill Prevention Operations Technology Series (SPOTS) Memo #14, Site Assessments at Bulk Storage Facilities (August 1994). The scope of this report includes the following:

- Review of the New York State regulatory agency records for the site and the immediate surrounding area;
- Collection of soil samples throughout the site and in close proximity of the underground storage tanks (UST's) for laboratory testing.
- Explanation of the means to close out the seventeen (17) UST's on site.
- Summary of the analytical findings respective to the NYSDEC TAGM 4046, Allowable Soil Concentrations.

3. General Site Data

Site Description: The subject site is New York City Tax Block is 2487 and the Tax Lots 1, 10, 12, 17, 18, 20, 21, 57, 72, and 78. The current owner since 1983, is the 49 Dupont Realty Corporation.

The subject site is a former manufacturing facility. The New York City Department of Finance Occupancy Code is "F-9, Factory Industrial." According to a Sanborn Map Report from Environmental Data Resources, industrial activity at the subject site dates as far back as 1887.

Historic use of the site has included manufacturing, office, storage, shipping and receiving. Specifically, the site has been a plastic manufacturing facility since approximately 1950. According to *FPM Group* who completed a Phase I Site Assessment for the subject site, the commercial uses prior to 1950 included a boiler shop for Logan Ironworks, two stable buildings, a gas and light fixture factory, a sheet metal works, a soap manufacturer, a water proofing manufacturer, and a scrap metal facility.

The North American Industry Classification System (NAICS) listing for the subject site is "Plastic Fitting and Plastic Manufacturing". The factory at the subject site was most recently used to manufacture vinyl sheeting. It had been used as such a facility for the greater part of the 20th Century. As of 2004, the factory ended its manufacturing operations. The subject site is currently being used by NuHart & Company to store vinyl products. The in-situ environmental remediation currently being performed by ASR began in May 2006. A full Phase II Site Investigation is currently underway as required for future redevelopment.

According to the United States Geological Survey (USGS) Brooklyn, New York 7.5 Minute Series Topographical Map, the Site is situated at an approximate elevation of 13 feet above mean sea level. The location of the Site is shown on the Site Location Map, Figure 1, Appendix A.

In September of 2004, a visual reconnaissance of the site was performed by *RTP Environmental Associates* (RTP) Suspicion of asbestos was reported throughout the site. Four (4) silos used to store poly vinyl chloric acid were observed on the west side of the property. RTP reported a drum storage area with drums containing petroleum products. Plasticizers were also found in several areas of the subject site in drums and in concrete lined piping trenches. Currently, all asbestos issues are being addressed by a licensed asbestos abatement company. The on–site contamination, including that of plasticizers is being fully delineated in preparation for environmental remediation.

There are a number of Underground Storage Tanks (USTs) at the subject site. Overall, the installation of UST's at the subject site had not been thoroughly documented. Perhaps this is due to the time frame and the multiple uses of the property. As a result, past environmental reports have not been consistent in terms of the number of tanks on site, their sizes, or their contents.

ASR field activities have confirmed the locations of these tanks, their sizes and their contents. Field activities include drilling, calculating the foam used to fill up the tanks, and fingerprint samples from within the tanks.

An EDR Report is attached as Appendix H.

A total of seventeen (17) tanks were found to be on site containing the following:

- Fuel oil
- Plasticizers
- Acetone
- Methyl tert butyl ketone

In July of 2006, ASR filed a CBS report with the NYSDEC, see Appendix B.

Surrounding Land Use: The surrounding use of the site is a mix of commercial, residential, manufacturing, and recreational. There are a number of mixed use lots with both residential and manufacturing. To the north of the site is a warehouse and a hardware store beyond which is an automotive lot (as seen in Appendix A, Figure 2-Aerial Photograph). To the east down Clay Street and Dupont Street are several multi-family residential units. To the south across Dupont Street there are apartments and more residential units. To the west is a New York City Park.

Sensitive Receptor Survey: Inside the facility at the subject site, numerous sewer vents can be seen on both the north and south sides. In addition there is the possibility that a bottom drain(s) is located beneath a series of pits at the subject site. This means that subsurface soils and groundwater may have been impacted by discharge from the facility. The East River is 200 meters to the west of the site. As mentioned in the Surrounding Land Use Section, there are residential units to the east and the south of the subject site. These residential units are directly adjacent to the site.

An EDR Report is Attached as Appendix H.

4.0 Regional Geology/Hydrogeology

The subject site is located in Brooklyn, New York. The elevation of the site, as presented on the United States Geologic Survey (USGS), Manhattan Quadrangle Map (1995), is approximately 13 feet above sea level (Figure 1, Appendix A). The subject site lies within an area classified as Urban Land. This soil type consists of urbanized areas where the majority of surface is covered with buildings, roads, driveways, parking lots, and other manmade structures.

A USGS Survey of Water Table Elevation concluded that the elevation of the water table at the subject site was approximately five (5) feet above Mean Sea Level. The direction of groundwater flow is most likely to the west-southwest.

5.0 Previous Investigations/Historical Review

The subject site is classified as a Small Quantity, RCRA Hazardous Waste Generator.

As previously mentioned, RTP Environmental Associates, Inc. of 400 Post Road, Westbury New York, conducted a Preliminary Phase I Site Assessment. The report mentioned issues such as the need to:

- Identify environmental concerns regarding the 10,000 gallon USTs
- Test the integrity of certain tanks
- Clean the inside of the building
- Get the building up to code with NYC Building Dept.
- Perform additional environmental investigations
- Identify the means of demolition and waste disposal

As stated in the Conclusion section of the RTP report, the main area of "potential environmental concern" within the property are the tanks and the piping/vent lines associated with them.

In addition to the aforementioned report, FPM Group of 909 Marconi Avenue, Ronkonkoma New York, conducted a Phase I Environmental Site Assessment in April 2005. This report was much more detailed than the previous. As in the RTP report, this more recent report identified several Areas of Concern. They include:

- UST's, both known and suspected
- Oil-Water Separator
- Sub grade pipe chaseways (trenches)
- Loading Dock Drain
- Drum Storage Area
- Printing Press Pits
- Asbestos
- Silos
- Freight Elevator
- Oil Stained Walls
- Groundwater and soil gas (site wide)

6.0 On Site Activities

As stated in the previous section, there are a number of environmental concerns associated with the subject site. ASR utilized all available resources including sub contractors specializing in certain areas of remediation to address these issues. The oil stained trenches with suspected hydrocarbon and plasticizers mentioned in previous reports were thoroughly addressed. ASR personnel shoveled out sludge, dirt, and product into 55 gallon DOT Ring Top Drums. These drums were sampled and can be seen in Appendix A- Figure 6-Photographs, along with the contaminated trenches. To address residual staining, ASR personnel applied the L-10, surfactant to the bottom of the trenches, shoveled, swept, and used squeegees to clean the trench bottom, walls, and oil/water separators. Please see Appendix A, Figure 6 –Photographs to view some of the drums and trenches.

All known tanks have been properly closed out as stated in Section 7.0 Underground Tank Closure Methodology, in more detail.

The known asbestos throughout the site will be abated by a licensed asbestos abatement company.

Removal of the boilers and silos will be performed by a licensed demolition company.

All waste was properly disposed of. Please see Section 9-Waste Disposal.

7.0 Underground Tank Closure Methodology

The following table is a list of all the tanks present at the subject site. All information is based on the best available data to the consultant, Advanced Site Restoration.

Table 1 - List of Tanks

TANK #	SIZE (gal)	CONTENT	BLOCK 2487, LOT:
1	10,000	#2 Fuel Oil	18
2	10,000	#2 Fuel Oil	20
3	1,500	#2 Fuel Oil	20
4	1,500	Methyl Tert Butyl Ketone	21
5	1,500	Acetone	21
6	6,000	DINP/DOP	72
7	6,000	DINP/DOP	72
8	10,000	711 (Diundecyl Phthalate)	78
9	10,000	711 (Diundecyl Phthalate)	78
10	5000	Extra Super Hecla Oil	1
11	5000	Extra Super Hecla Oil	1
12	5000	Extra Super Hecla Oil	1
13	5000	Extra Super Hecla Oil	1
14	10,000	DINP/DOP	1
15	6,000	DINP/DOP	1
16	6,000	Plasticizer	10
17	1,500	Plasticizer	1

*The MSDS sheets for these products are attached as Appendix D

The goal of the on site activities conducted by Advanced Site Restoration, on the USTs, was to get permanent closure of the tanks. In order to do so, the following steps had to be followed in accordance with Section 613.9, Part B, in the NYSDEC Petroleum Bulk Storage Regulations:

I. "Liquid and sludge must be removed from the tank and the connecting lines. Any waste products removed must be disposed of in accordance with all applicable state and federal requirements."

II. "The tank must be rendered free of petroleum vapors. Provisions must be made for natural breathing of the tank, to ensure that the tank remains vapor free."

III. "All connecting lines must be disconnected and removed or securely capped or plugged. Manways must be securely fastened in place."

IV. "Aboveground tanks must be stenciled with the date of permanent closure."

V. "Underground Storage Tanks must either be filled with a solid inert material (such as sand or concrete slurry) or removed.

VI. "Aboveground tanks must be protected from floatation in accordance with good engineering practice"

As a means to close out all if seventeen (17) known UST's on site, following the aforementioned regulations, ASR retained Tridon Industries Inc. to perform a "Closure In Place." In order to do so, Tridon Industries used the Polymaster R 501 product, a foam that can be used to fill tanks and seal them. The foam is a solid inert material. According to Polymaster, the foam is made from aminoplast, tri-polymer, kiln-dried resin and it retains less moisture than similar products. A Tridon flyer on tank closure can be viewed as Appendix E. In addition, Polymaster provided the following information on their product.

Thermal R-Values

Standard 105 lb.density 12" CMU wall – R-20.1 based on ASTM C-236

Standard 105 lb.density 8" CMU wall – R-11.01 based on ASTM C-236

Acoustical Values

45-50 dB loss – ASTM E413-73

Flame Classification

Class I

Water Resistance

Perms per inch: 6.631

Surface Absorrption: <1% by volume

Environmentally Green

Biodegradable

No CFC's

No ozone depleting off-gassing

No container disposal

Preparation of Tanks: Prior to the application of the Polymaster product, all of the tanks had to be cleaned of any remaining product inside. After the tanks were opened up, they were inspected by ASR personnel to determine their status. Any product discovered in the tanks was sampled. If there was no noticeable product, the tank was gauged for fumes using an Lumidor Impact Pro atmospheric monitor (Serial # ZEL0500471, Configured Feb. 2006). Next the tanks were vented for fumes and gauged again after twenty and thirty minutes. After the environment inside the tank was deemed safe, ASR personnel entered the tanks to clean any stains and remaining product. Please see Appendix F-Confined Space Entry Permits.

ASR utilized the services of Fenley & Nicol Environmental and Milro Environmental Associates when significant product was present. In June of 2006, Fenley & Nicol personnel advanced a Vacuum truck on site to pump out the first round of tanks. 2810 gallons and 1737 gallons of Fuel Oil Mixture were removed from the tank bottoms. On June 29, 2006 Milro removed 400 gallons of waste oil and sludge from a tanks. On July 12, 2006, Milro returned to the site and drew 500 gallons Tank # 17 and one other tank. All tank bottoms were put into 55 gallon DOT ring top drums to be properly disposed of.

The next step in the preparation of the tanks, was to manually clean out of the tanks utilizing Confined Space Entry Certified personnel to do so. Certified personnel from Advanced Site Restoration and Fenley & Nicol entered the tanks via tripod and harness. After being lowered into the tanks, the personnel used squeegees and brushes to clean the upper area of the tank down to the bottom. Product was collected from the bottom of the tanks and removed. All product removed was stored in 55 gallon, DOT Ring Top Drums. Any residual contamination was collected with absorption pads. This procedure was used as a protocol for all of the tanks at the subject site. Please see Appendix A, Figure 6 –Photographs to view the tripod and harness as well as cleaned tanks.

Disposal Manifests may be viewed as Apppendix B.

No visual signs of leaking or damaged tanks were observed by personnel inside the tanks.

Tank Fill: After proper cleaning and disposal of tank bottoms, each tank was filled with the Polymaster product. The following table displays the amount of Polymaster Foam applied to each tank. In addition, the estimated volume was calculated based on the multiple of 60 given by Tridon Industries. The estimated volume is at or near the sizes listed in Table 1.

Table 2

TANK #	FOAM APPLIED (GAL)	Estimated Volume (GAL)
1	200	12,000
2	200	12,000
3	25	1,500
4	25	1,500
5	25	1,500
6	116.5	7,000
7	116.5	7,000
8	200	12,000
9	166	10,000
10	75	4,500
11	75	4,500
12	66.5	4,000
13	66.5	4,000
14	200	12,000
15	133	8,000
16	200	12,000
17	100	6,000

8.0 Site Investigation & Sampling Results

In order to determine the extent of which historical use has impacted the environmental quality of the site, ASR retained Longshore Environmental Inc. to advance a geo-probe throughout the subject site. Soil samples were taken around groundwater interface and stored in 4 oz and 8 oz jars. All samples were submitted to York Analytical Laboratories Inc. for analysis. The analytical protocol was to test samples for the presence of contaminants using EPA Methods 8260 and 8270 BN. Given the historic use of the subject site, the suspected contamination was that of oil and plasticizers. These types of contaminants fall under those the 8270 BN sampling method, The analytical results would later confirm the detection of the types of contaminants that were believed to be on site.

As seen in Table 2, Sampling Results Summary, Phthalates (plasticizers) were detected throughout the site as suspected. In fact, Phthalates make up the overwhelming majority of contaminants detected on site. Specifically, Bis (2-ethylhexyl) phthalate and Di-n-octylphthalate were detected at concentrations below and above their applicable NYSDEC TAGM 4046, Allowable Soil Concentrations throughout the site. Napthalene was also detected throughout the site iin excess of the "NYSDEC TAGM 4046, Allowable Soil Concentrations".
Analysis of samples taken at groundwater interface beside the oil tanks indicated the presence of Anthracene, Benzo (a) anthracene, Benzo (a) pyrene, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Chyresene, Phenanthrene and Isophorone. These compounds are common constituents of oil. Very few Volatile Organic Compounds were detected on site as seen in Table 3.

The laboratory analytical results from the subject site were able to give the consultants at Advanced Site Restoration a good idea of the extent of the contamination. Given the results, various "zones" if you will, can be observed. The determination of these zones is important when devising a plan for further on and off site delineation (Please see Recommendations, in Section 10.) Generally, the Phthalates on site appear in high concentrations around groundwater interface on the northwest section of the building. The highest concentrations of Phthalates were detected in SB-6. It appears that these Phthalates are below a shallow area of soil where some elevated levels of VOC's were detected. The highest concentrations of SVOC's were detected in SB-39 next to Tank #15 and Tank #17. The highest concentrations of VOC's were detected in SB-14, next to Tank #2 and Tank #3.

Table 3 Sampling Results Summary

Soil Boring	Total VOC	Total SVOC	Total Phthalates
1 (1'-5')	ND	ND	ND
1 (5'-10')	ND	ND	ND
2 (1'-5')	ND	ND	ND
2 (10'12')	1700	ND	ND
3 (1'-5')	ND	ND	ND
3 (5'-10')	ND	190	190
4 (1'-5')	25	52,700	ND
4 (13'-15')	ND	340,000	340,000
5 (1'-5')	17	38,500	ND
5 (10'12')	657	510,000	510,000
6 (1'-5')	228	20,340	ND
6 (14'-16')	ND	12,000,000	12,000,000
7 (1'-5')	17	35,510	
7 (11'-13')	ND	6,800	6,800
8	ND	280	280
9	ND	170	170
10	ND	ND	ND
11	ND	260	260
12	ND	ND	ND
13	ND	370	370
14	40,500	32,900	0
15	ND	ND	ND
16	ND	300	300
17	ND	4,580	ND
18	ND	ND	ND
19	ND	ND	ND
20	ND	ND	ND
21	ND	ND	ND
23	ND	2,200	380
24	ND	30,000	30,000
32	ND	1,500	,1500
34	217	651,000	651,000
36	ND	1,200	1,200
37	ND	108,300	108,300

38a	ND	3,500	3,500
38b	ND	1,000	1,000
39	2,470	238,200	ND
44	493	20,000,000	20,000,000
46	ND	670	340
48	ND	4800	4800
49	ND	1,250	550
50	ND	4,920	4,700
51	ND	45,000	45,000
52	ND	11,490	3,860
56	ND	ND	ND
57	ND	58,800	58,800
58	ND	320	320
59	ND	ND	ND

In addition to sampling the geo probe soil borings, ASR also took samples from inside some of the UST's. The purpose of this sampling was to determine the chemical constituents of product in the tanks. Analysis of a water sample from inside Tank #3 indicated the detection of Benzene and Napthalene at 22ppb and 76 ppb respectively. Analysis of a water sample from inside Tank #4 indicated no detection of any contaminants according to EPA Method's 8260 and 8270 BN. In Tank #5, 65,000 ppb of Toluene was detected. Tank # 12 was sampled for a fingerprint ID. The laboratory results state that "no oil pattern was present"

On June 26, 2006 ASR personnel drew a sample of product from inside of Tank #17. The sample was submitted to York Analytical Laboratories Inc. to identify the constituents of the product. The results of this analysis matched what was found throughout the site. Bis (2-ethylhexyl) phthalate and Di-n-octylphthalate were detected 2,800,000 ppb and 2,700,000 ppb respectively. In addition, 2-Methylnapthalene and Napthalene were detected at 820,000 ppb and 200,000 ppb respectively.

9.0 Waste Disposal

All waste was properly disposed of by the applicable regulations.

Tank Bottoms: The waste at the bottom of the UST's labeled "Fuel Oil Mixture" was taken off site by Fenley & Nicol Environmental Inc. to their facility at:

Fenley & Nicol Environmental
445 Brook Ave
Deer Park, N.Y. 11729

The waste at the bottom of the UST's labeled "Waste Oil and Sludges" was taken off site by Milro Associates to:

NY Oil Recovery
94 Hausman St,
Brooklyn, N.Y.11222

Trenches: The waste from the bottom of the trenches was cleaned out and stored in DOT Ring Top drums on site. A total of 66 drums were generated.

Soil Disposal: All soil was stored in DOT Ring Top drums on site. All drums were labeled with their contents for future disposal.

All available disposal manifests can be seen as Appendix B.

10.0 Summary & Conclusions

On behalf of, 49 Dupont Realty Corporation has prepared this Underground Storage Tank Closure Report to present the documentation of the UST Closure in Place.

Sampling & Analysis-Throughout June of 2006, ASR advanced roughly forty one (41) geo probe soil borings at the subject site. Soil samples were taken at groundwater interface, and submitted to a certified laboratory for analysis using EPA Methods 8260 and 8270 BN.

UST Documentation & Closure- Using all available resources, ASR compiled a list of the UST's on site, (See Table 1.) ASR prepared the tanks for filling using confined space-certified personnel. On June 20-21, 2006 and July 3 and July 17, 2006, ASR retained Tridon Industries to fill all of the UST's on site using the Polymaster R 501 product, a foam that can be used to fill tanks and seal them.

10.1 Recommendations

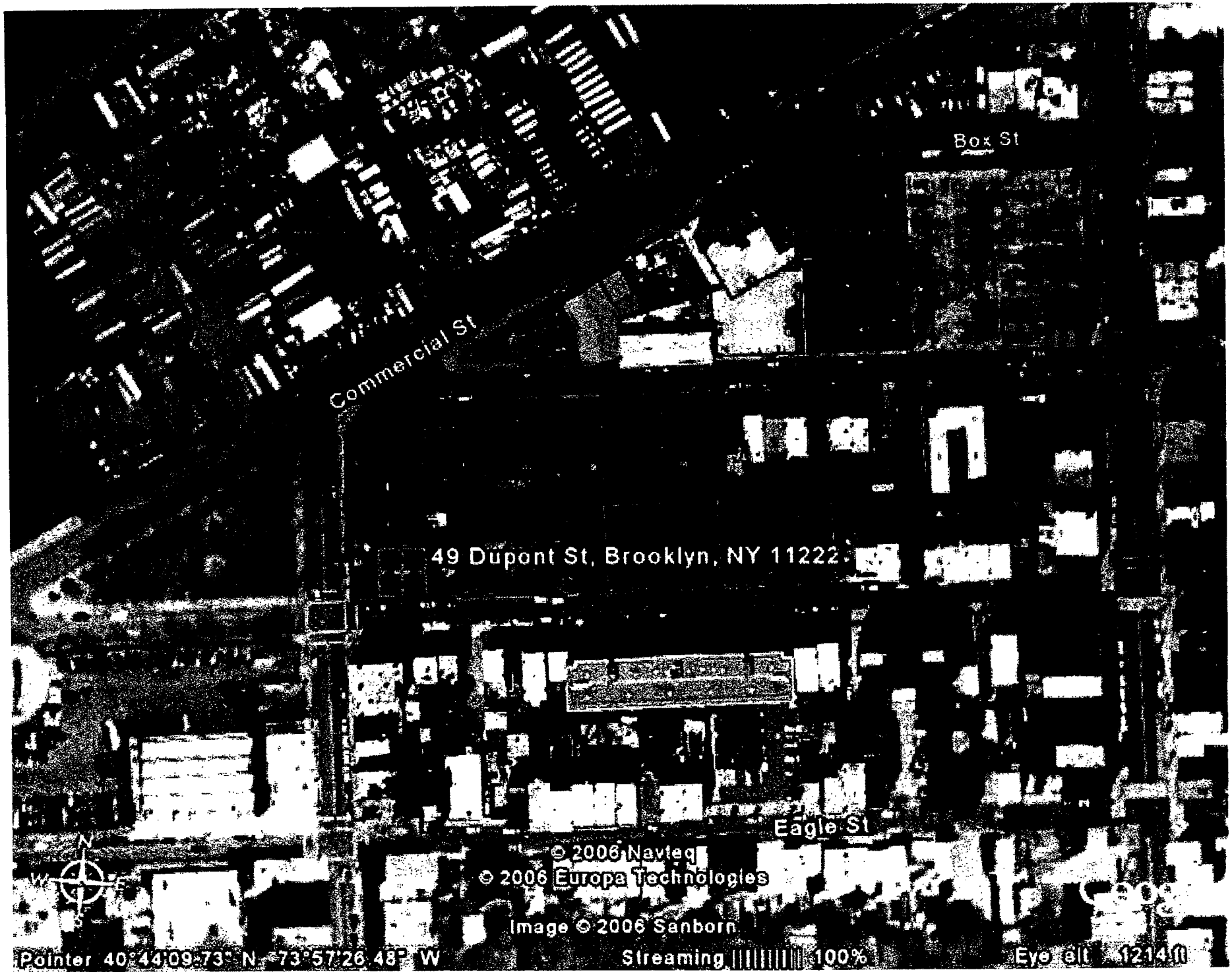
Based on the results of the tank closure and the preliminary site investigation ASR recommends the following:

- Install groundwater monitoring wells on site and off site as needed based on the delineation of the plumes(s) on site. See Appendix A- Figure 3. Proposed Monitoring Well Location Map.
- Survey the site to develop a Groundwater Gradient Map.
- Start a sampling and monitoring program both on and off site.
- Evaluate program to determine any clean zones, hot zones, and movement of product. Based on the evaluation, further delineation may be required.
- Based on the delineation study a Remedial Action Plan (RAP) will be developed and submitted to the NYSDEC for approval.

TOPO! map printed on 06/13/06 from "Northeast.tpo" and "Untitled.tpg"



Map created with TOPO!® ©2002 National Geographic (www.nationalgeographic.com/topo)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Commercial St
49 Dupont St, Brooklyn, NY 11222
Eagle St
© 2006 Navteq
© 2006 Europa Technologies
Image © 2006 Sanborn
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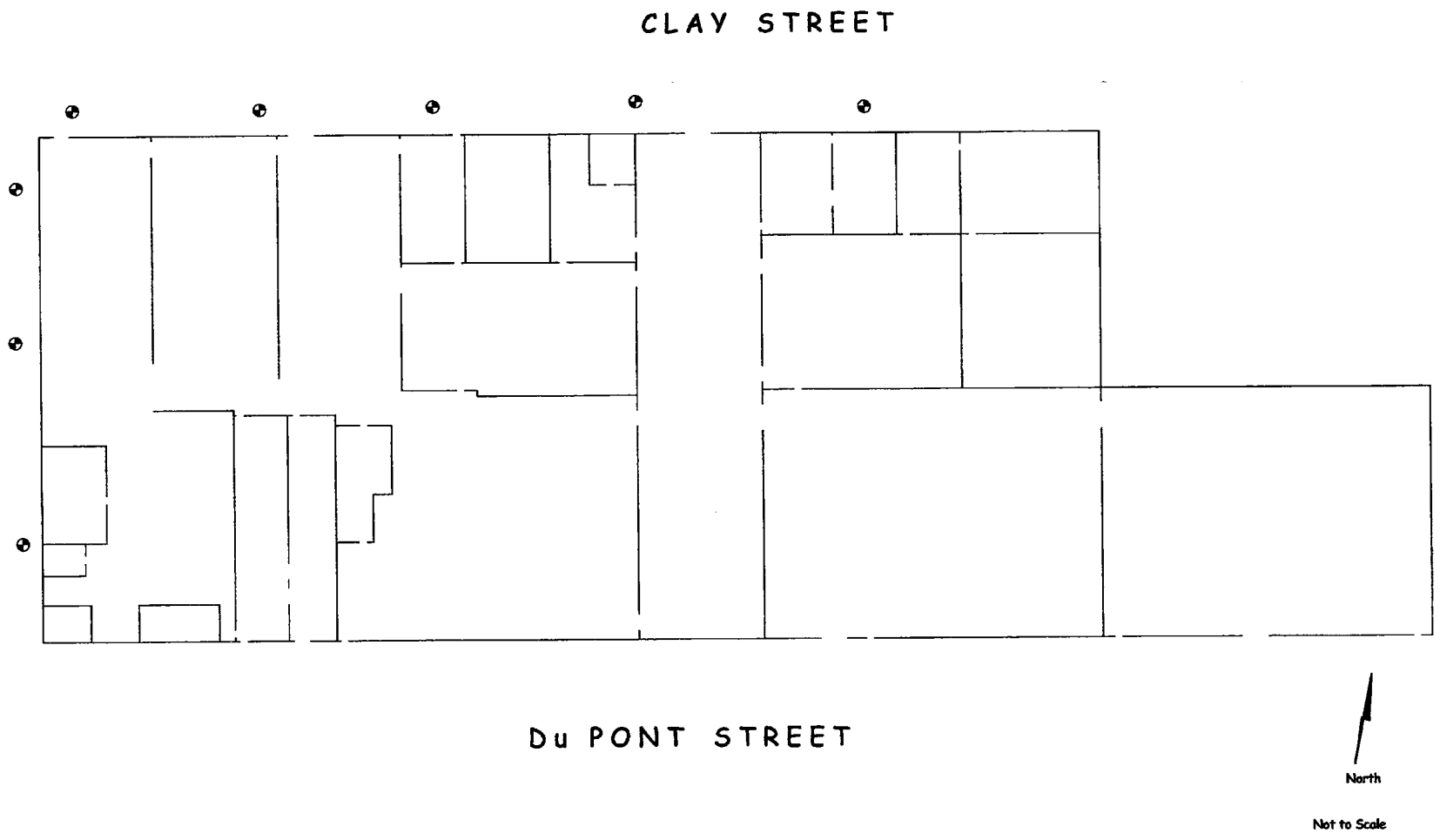
Eye alt 1214 ft

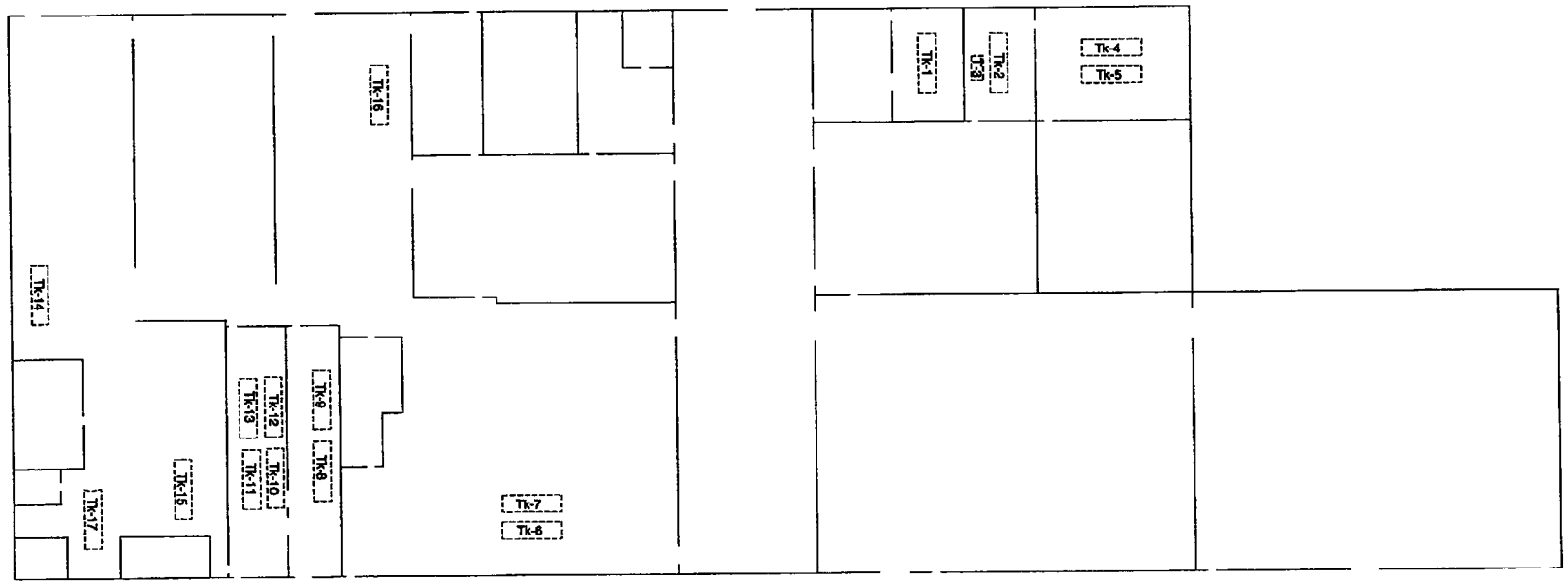


ASR
ADVANCED Site Restoration, LLC.
Environmental Services
62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr.com

Figure - 3
Site Map with Proposed Well Locations
Rev: 06/20/06
SWM

NuHart & Company, Inc.
49 - 55 Dupont Street
Brooklyn, New York

CLAY STREET



Du PONT STREET

North

Not to Scale

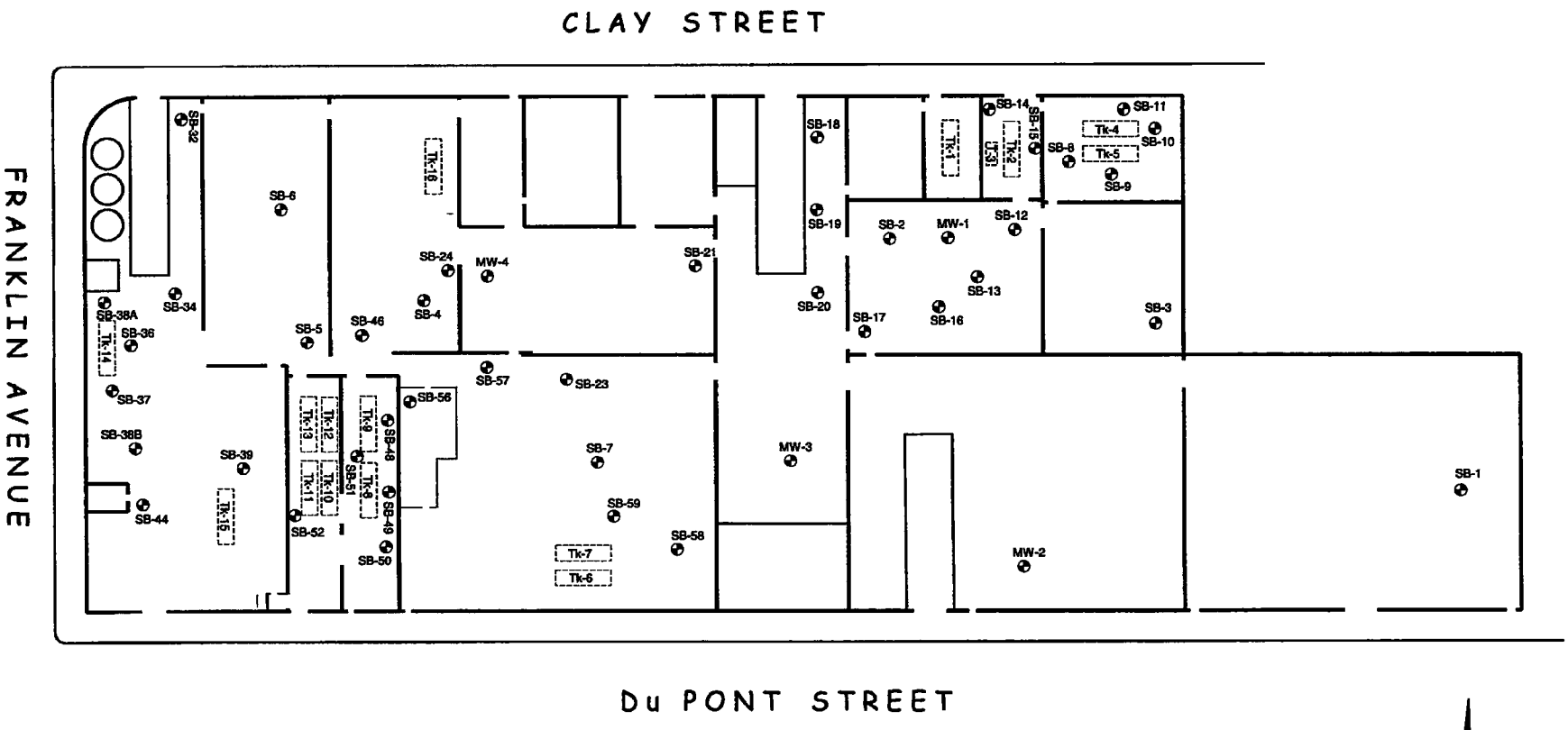
ASR
ADVANCED Site Restoration, LLC.
Environmental Services
62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr.com

Figure - 4
UST Location Map

SWM

Rev: 06/20/06

NuHart & Company, Inc.
49 - 55 Dupont Street
Brooklyn, New York



MW-2 Location of Groundwater Monitoring Well

SB-22 Location of Geoprobe Soil Boring

North

Not to Scale

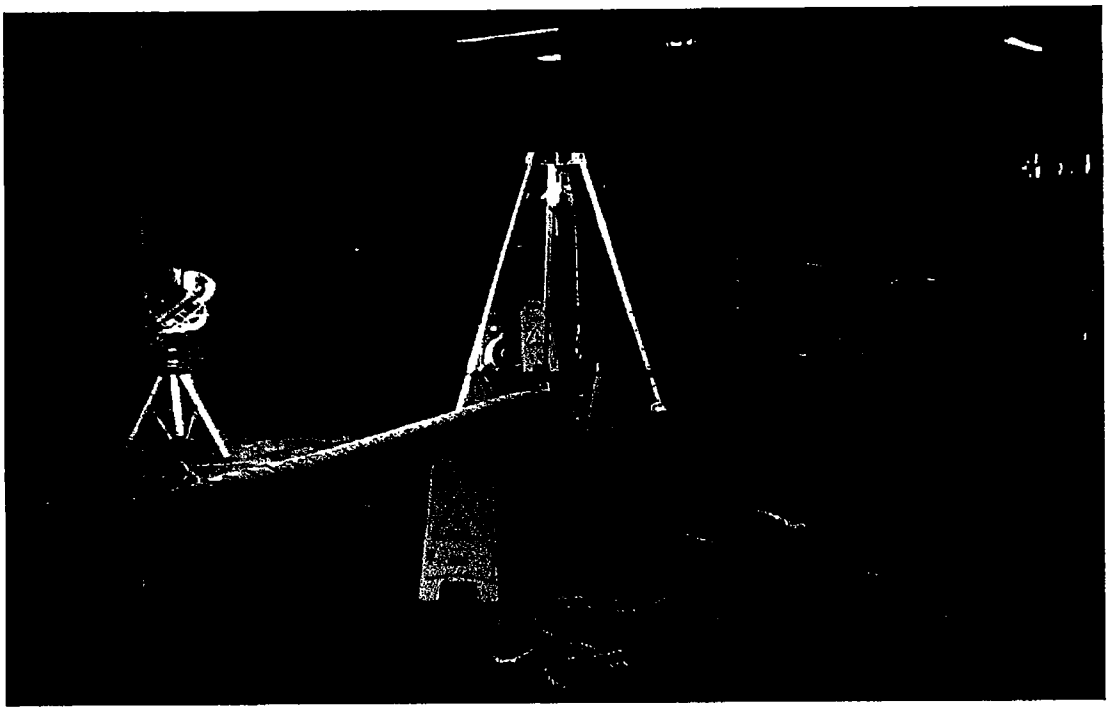
ASR
ADVANCED Site Restoration, LLC.
Environmental Services
62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr.com

Figure - 5
Boring Location Map

SWM

Rev: 06/20/06
05/11/06

NuHart & Company, Inc.
49 - 55 Dupont Street
Brooklyn, New York



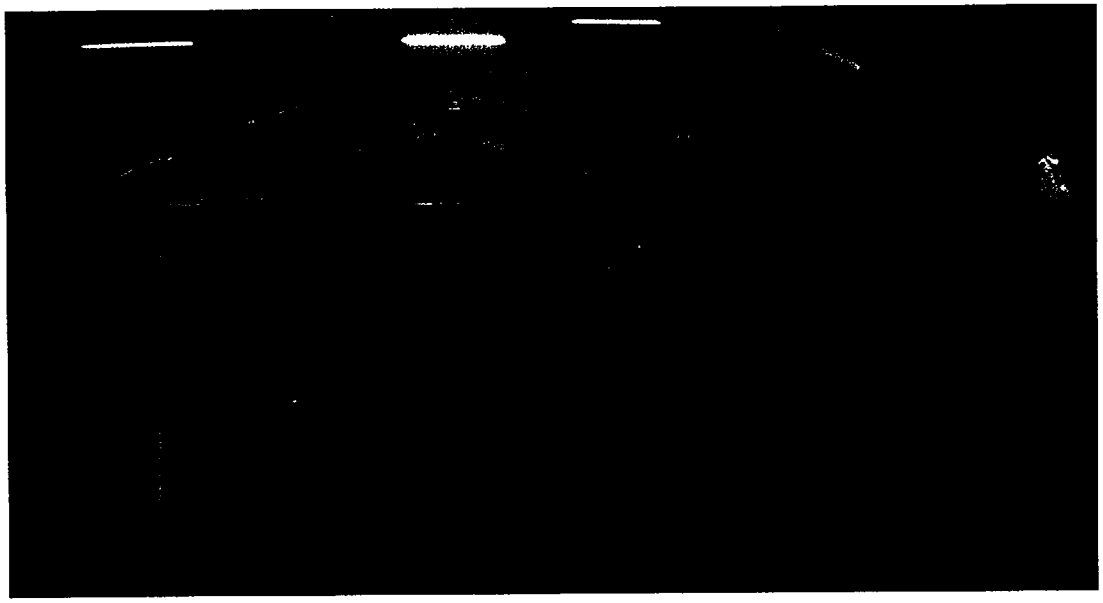
Tank #8 with confined space entry set up



ASR personnel being lowered into pit with harness



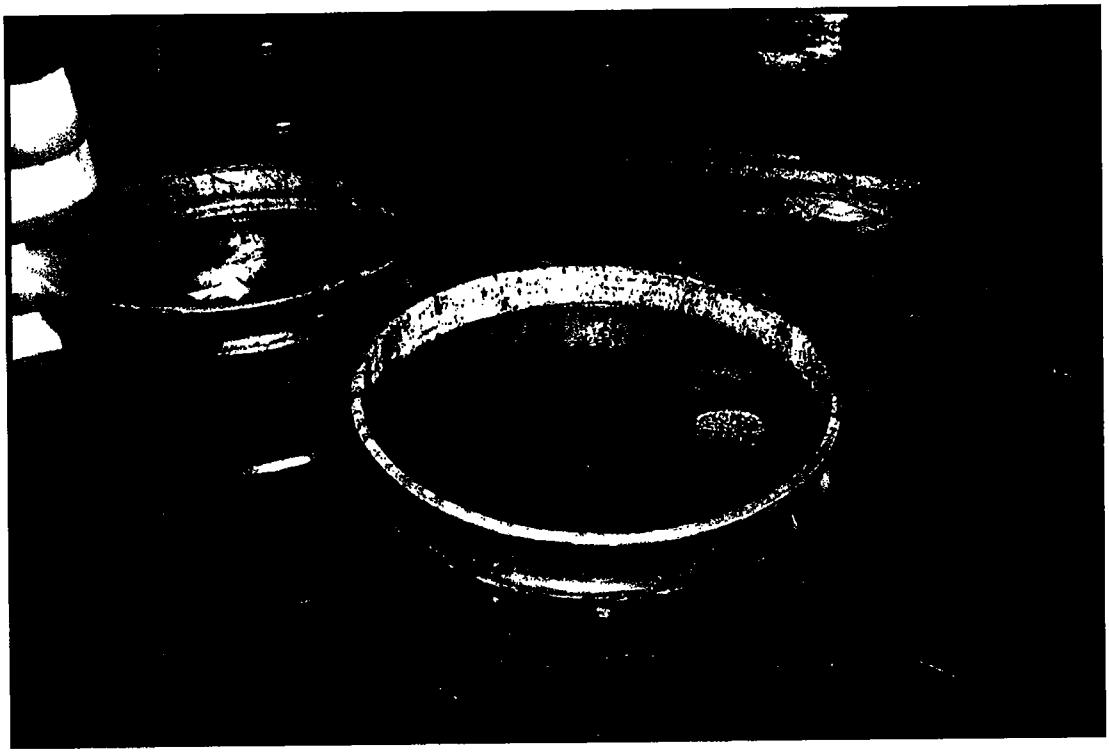
The condition of the trenches prior to cleaning



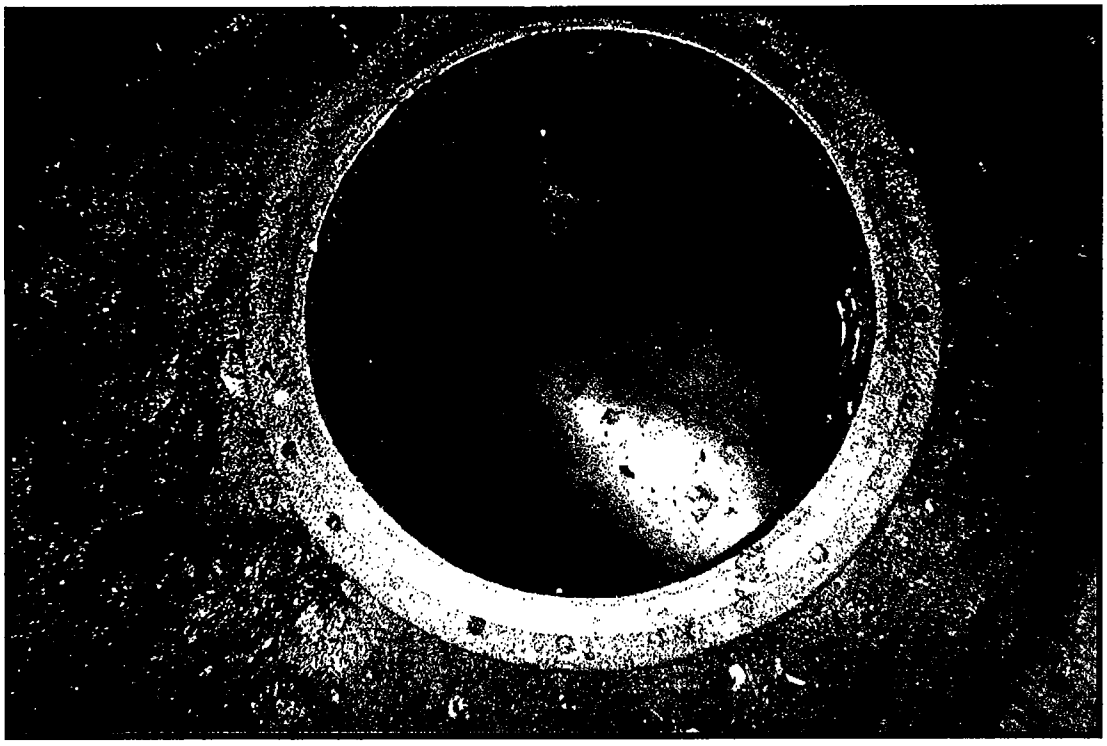
Typical trench seen throughout the site



Storage of 55 gallon drums on site



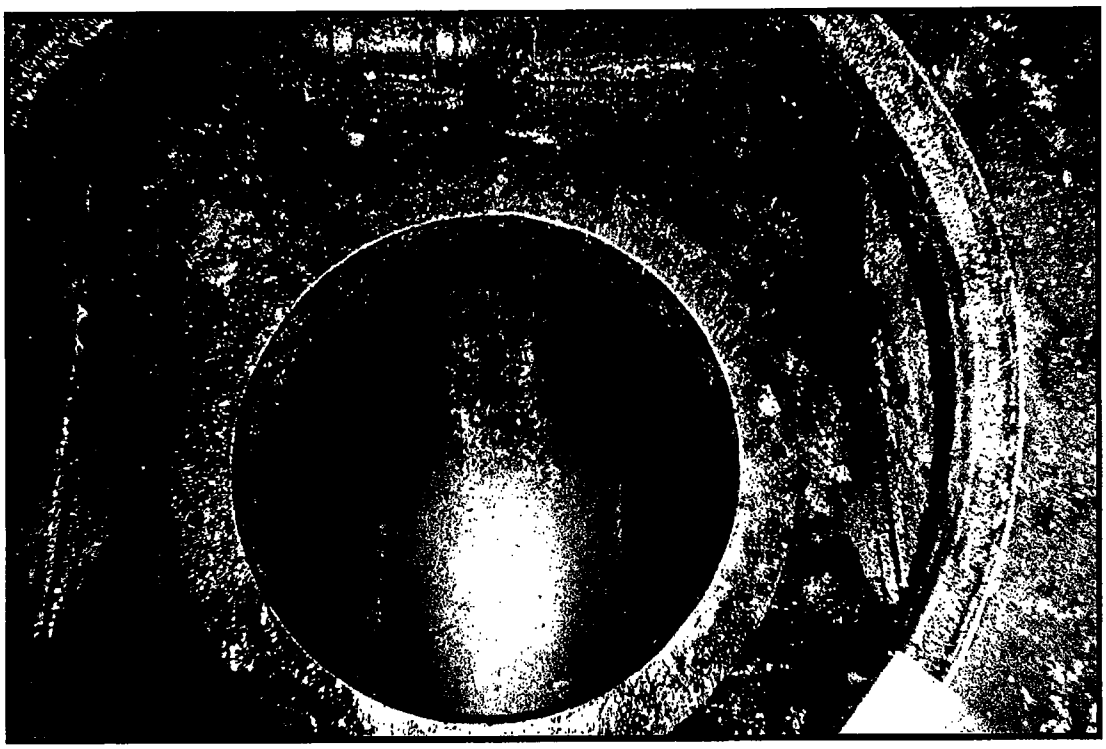
Drums filled with oil from tanks



Tank after cleaning



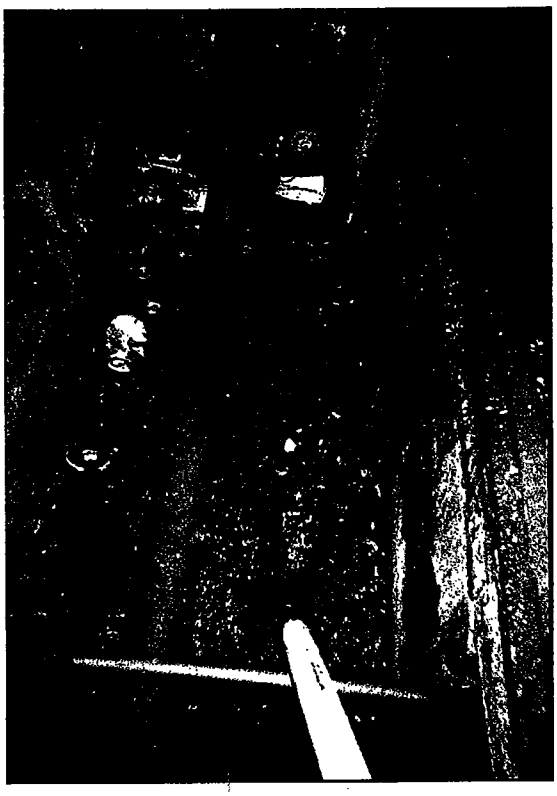
Tank after cleaning

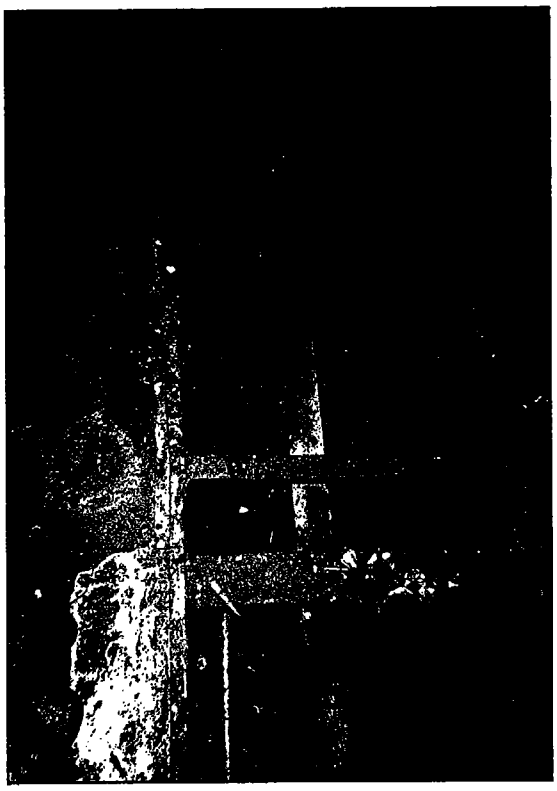


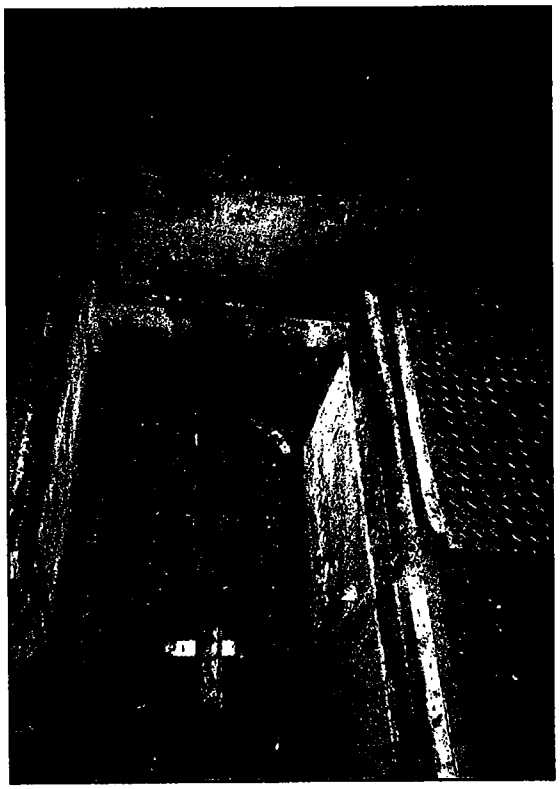
Tank after cleaning



Tank after cleaning

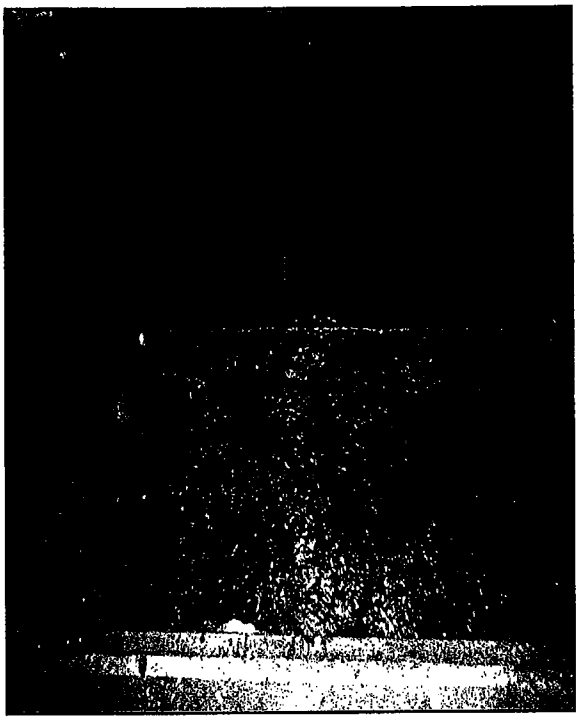


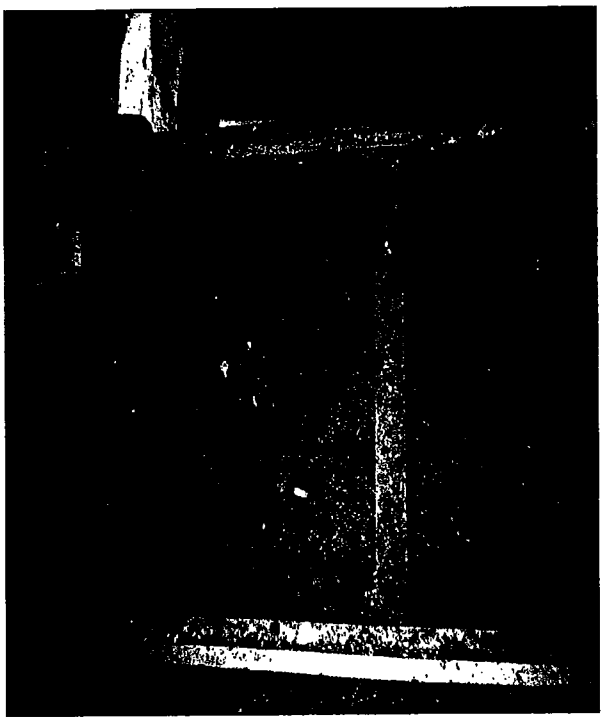




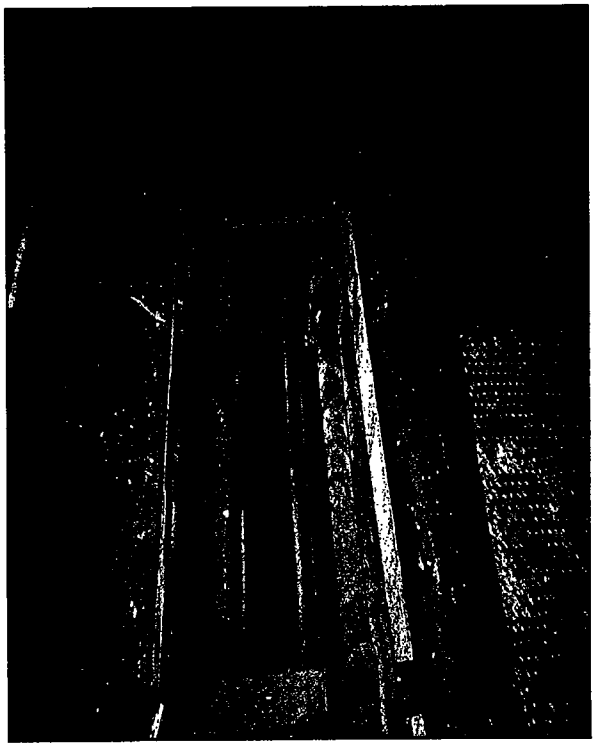


Trenches prior to cleaning

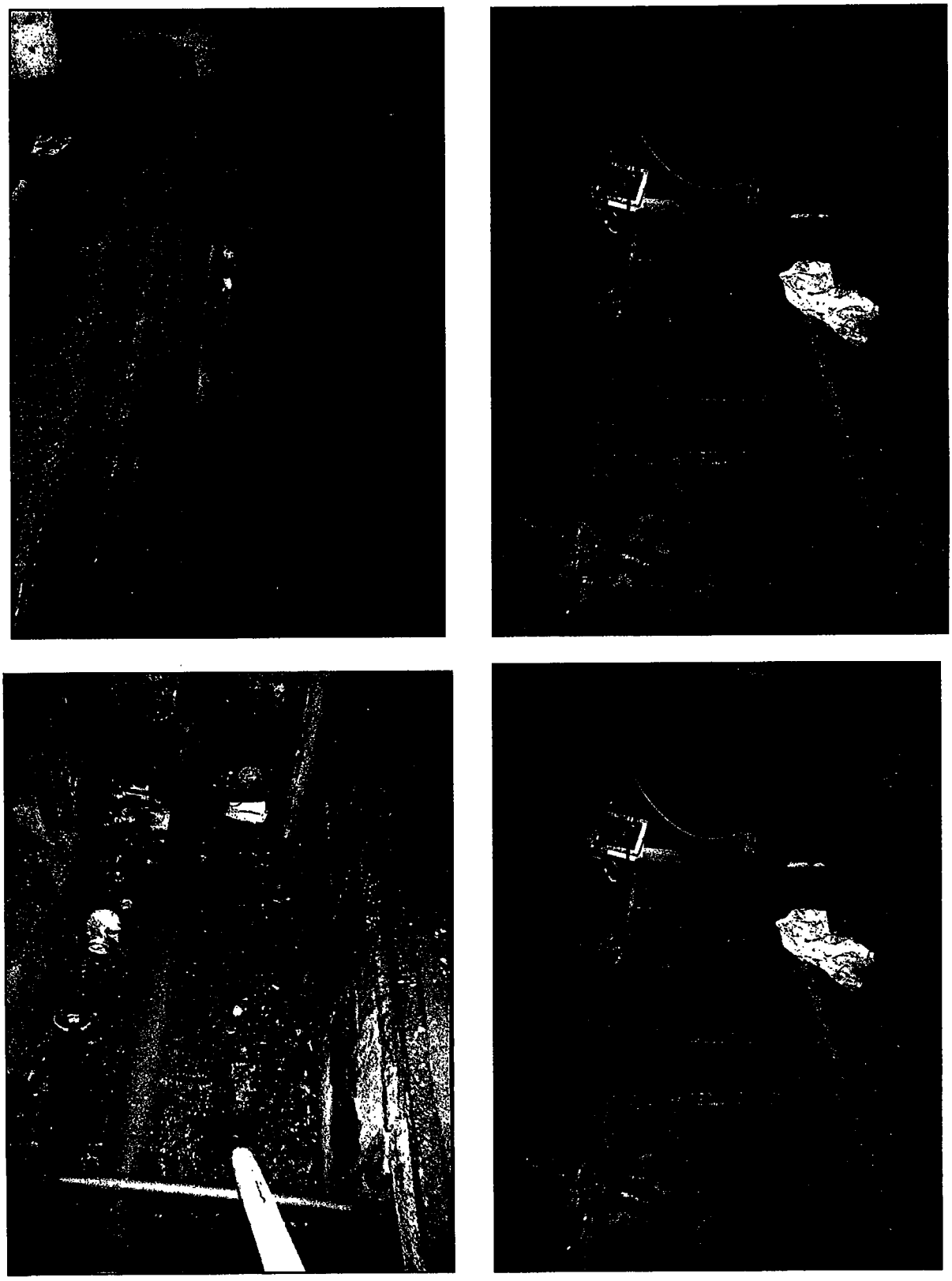






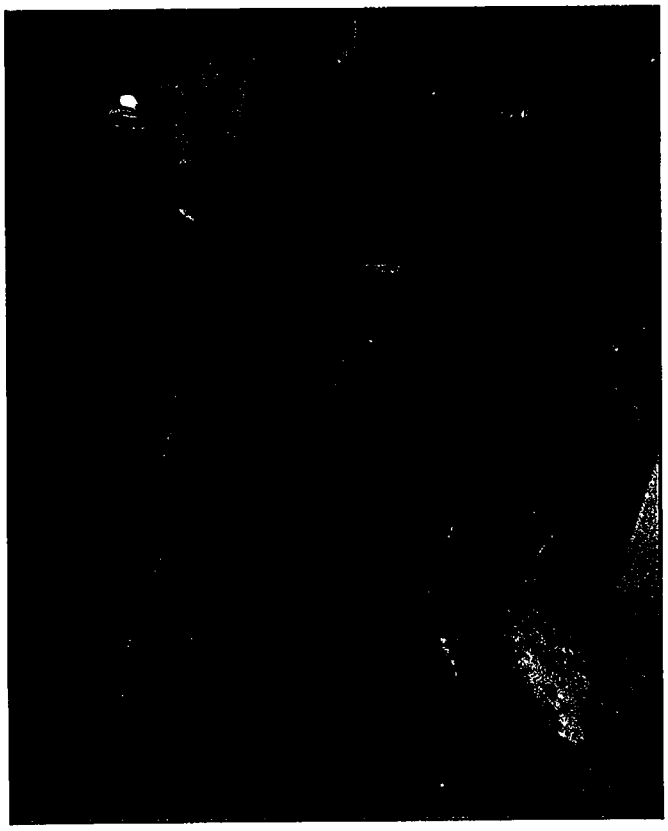


Trenches prior to cleaning

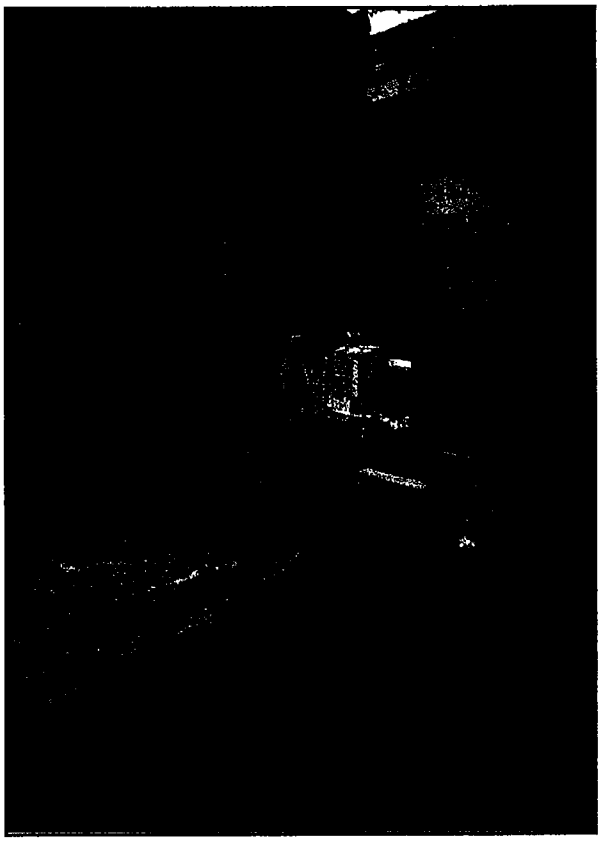


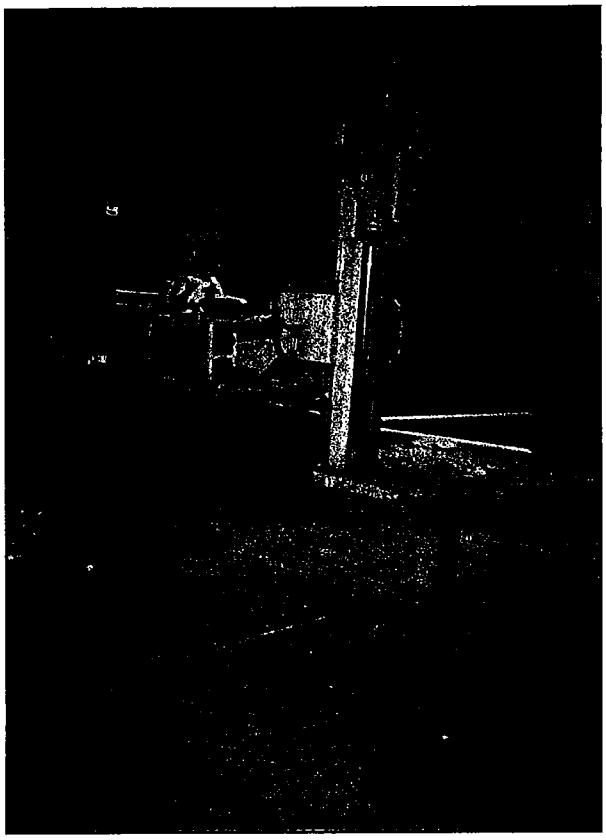
Trenches being scraped, lanced, and washed





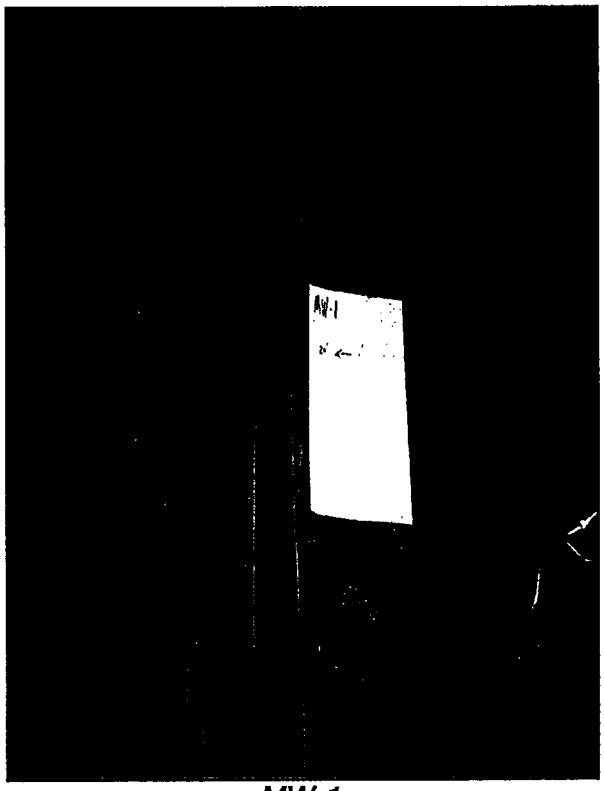
Trenches free of oil products and debris



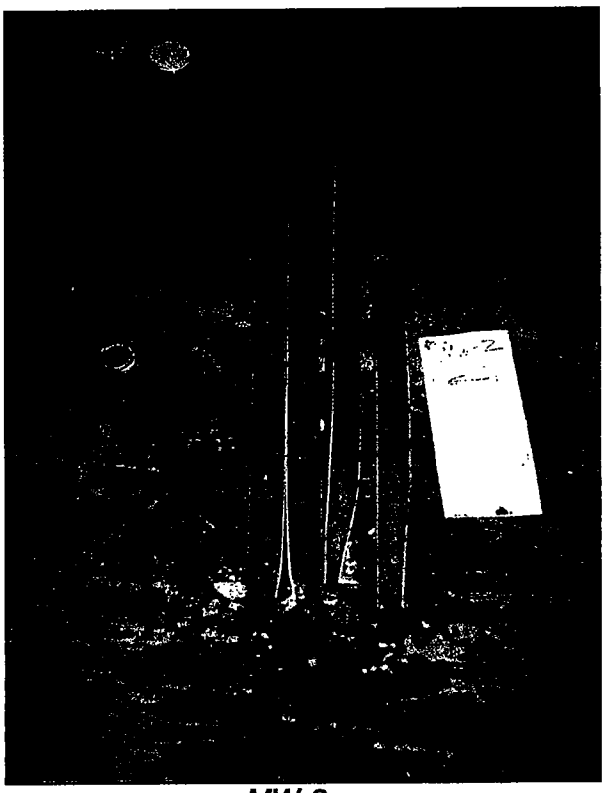




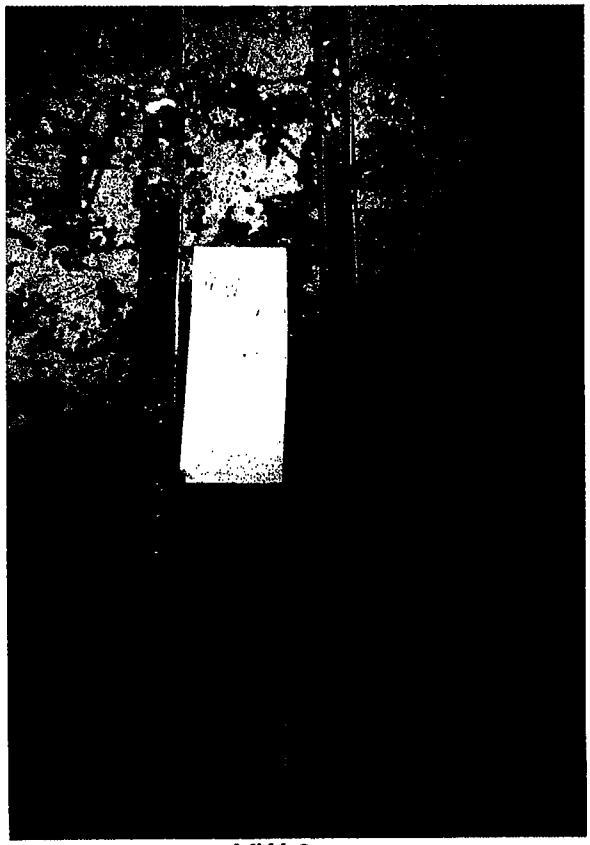
Fenley & Nicol on site with Geo-probe



MW-1



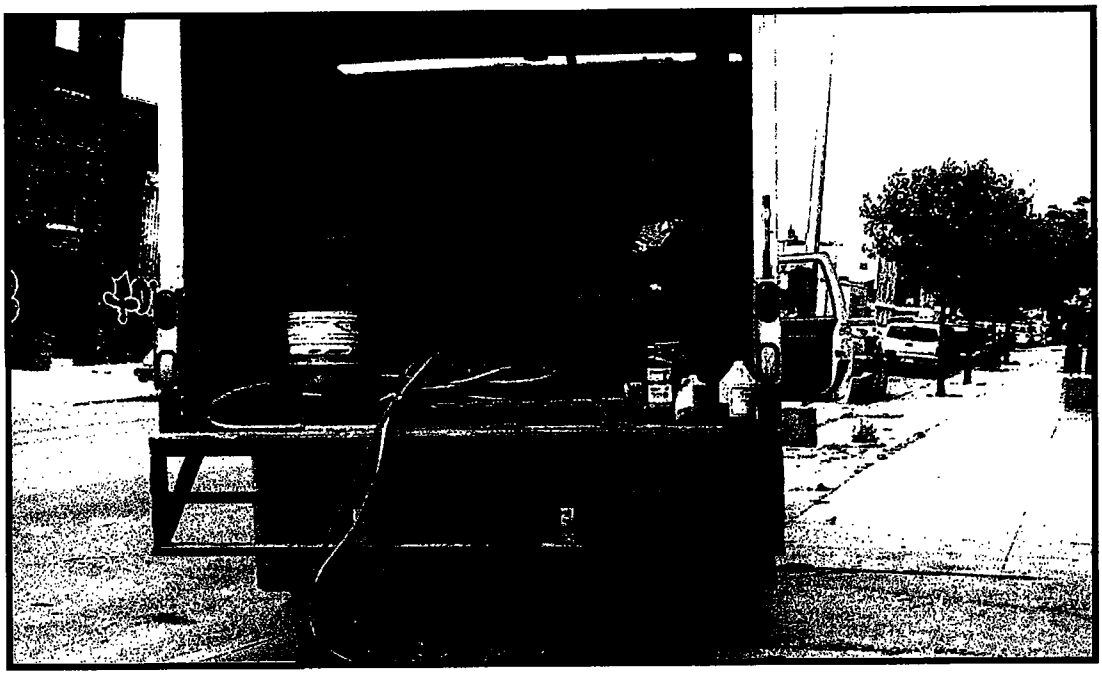
MW-2



MW-3



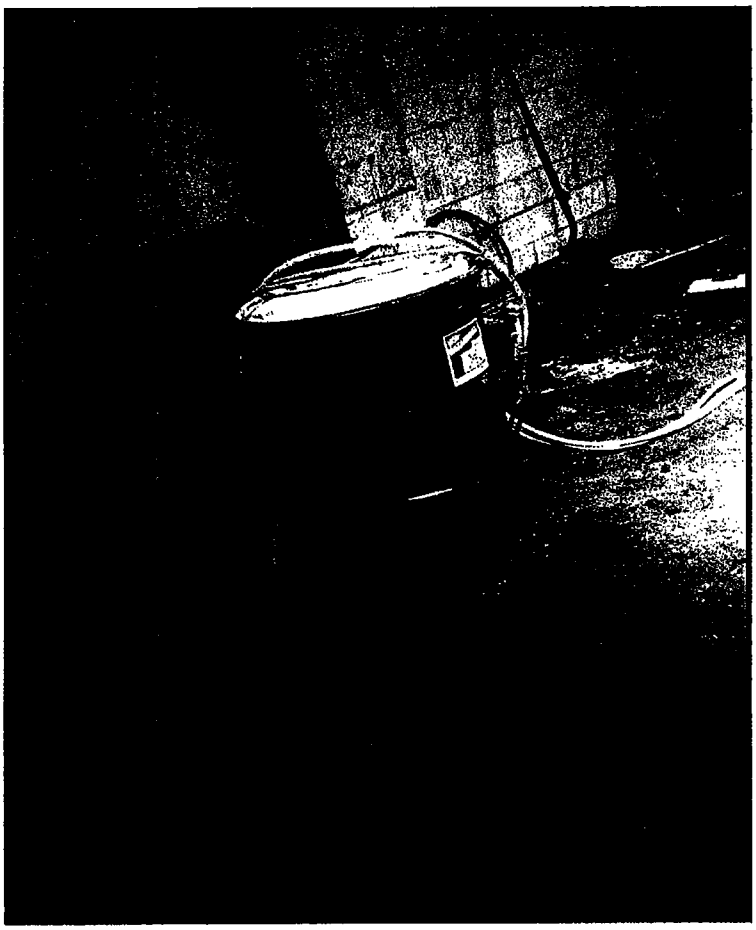
MW-4



Tridon Industries Truck used to mix foam products

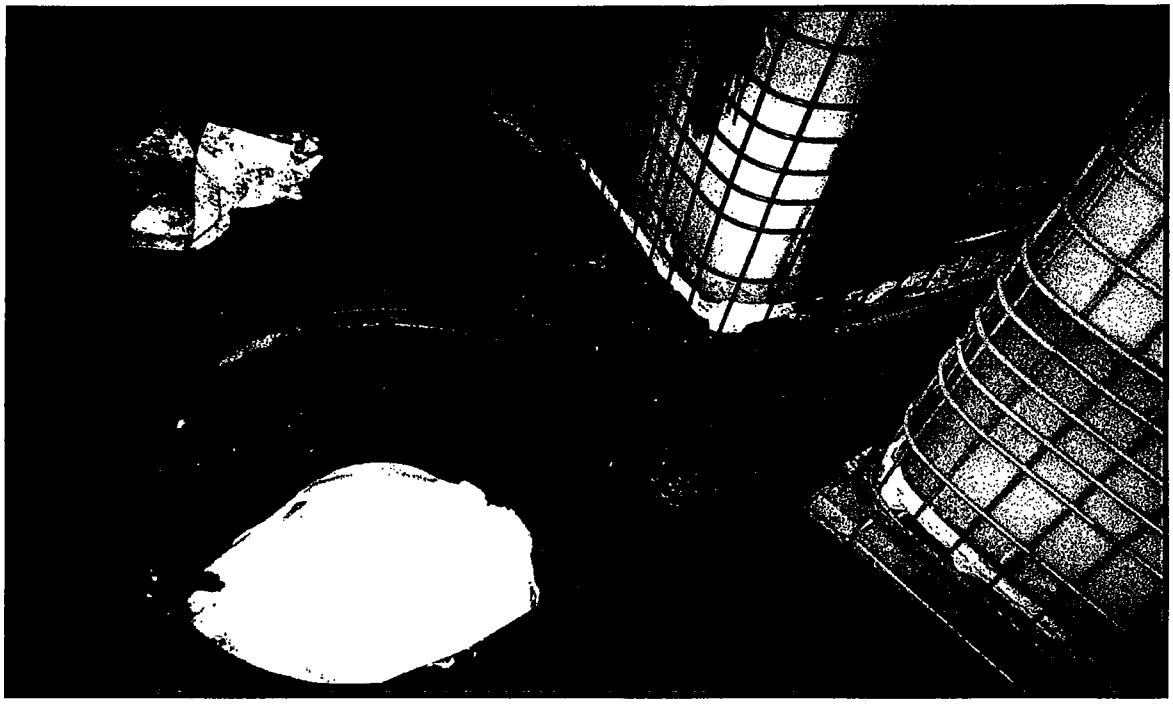


Tank being filled with the foam product

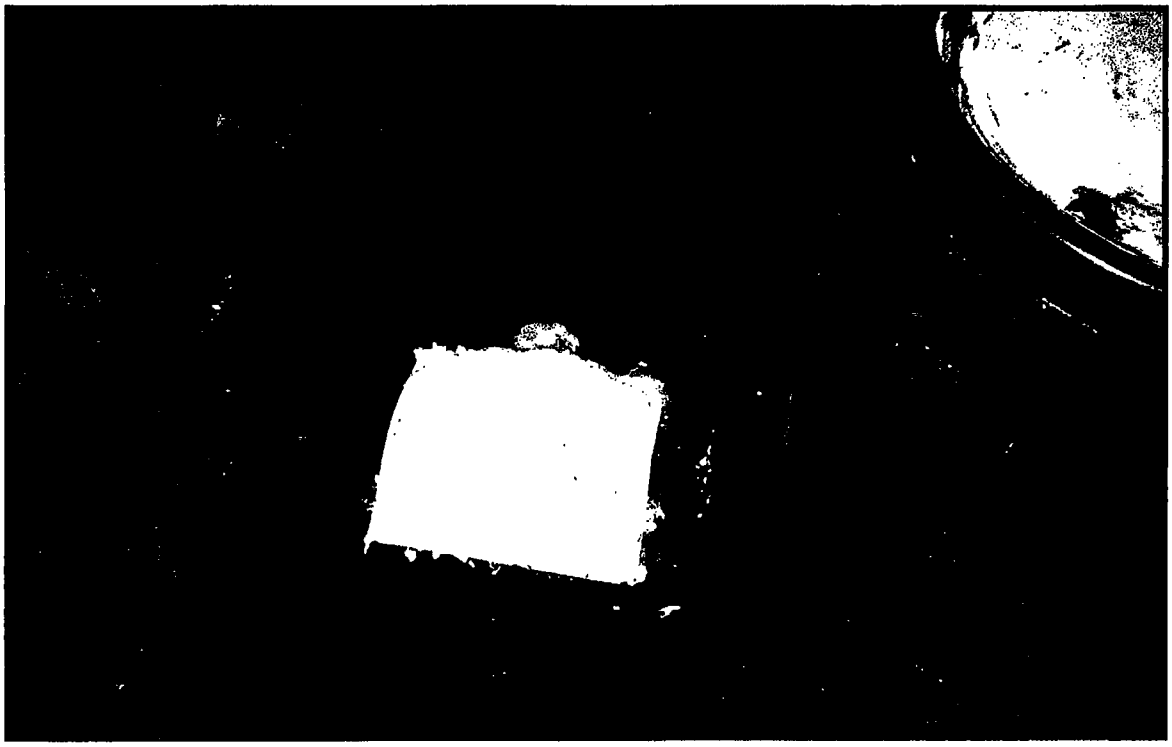




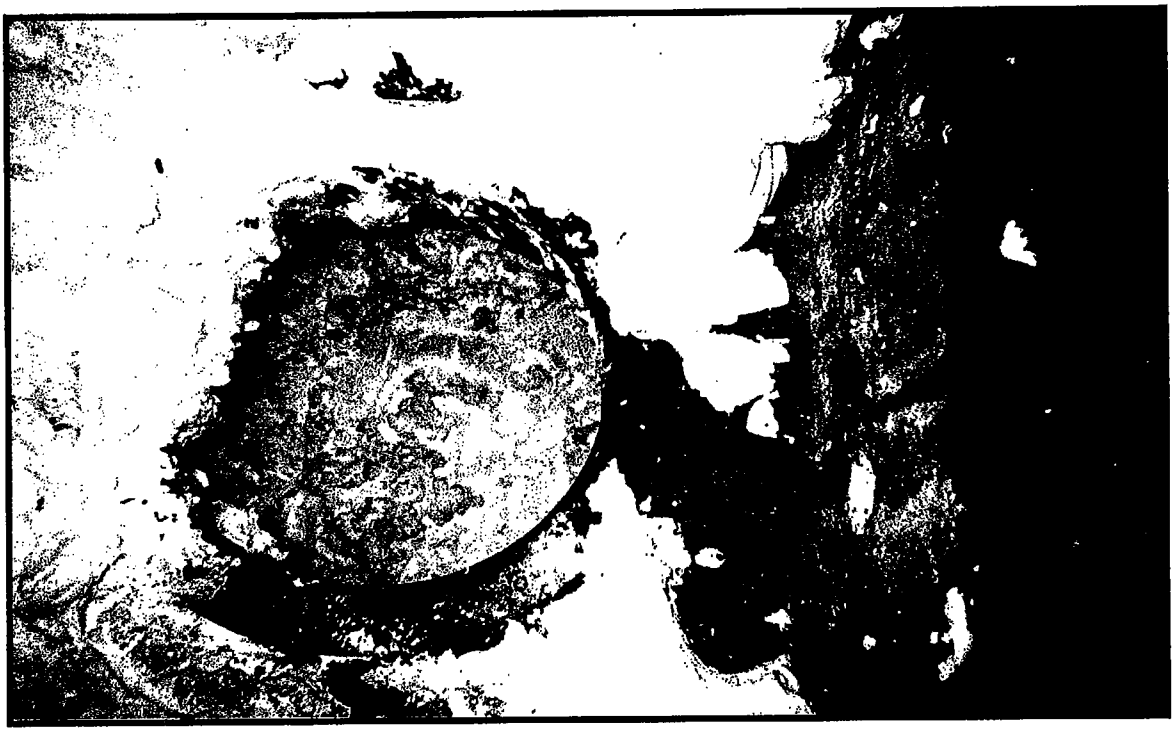
Tridon Industries Foam Application



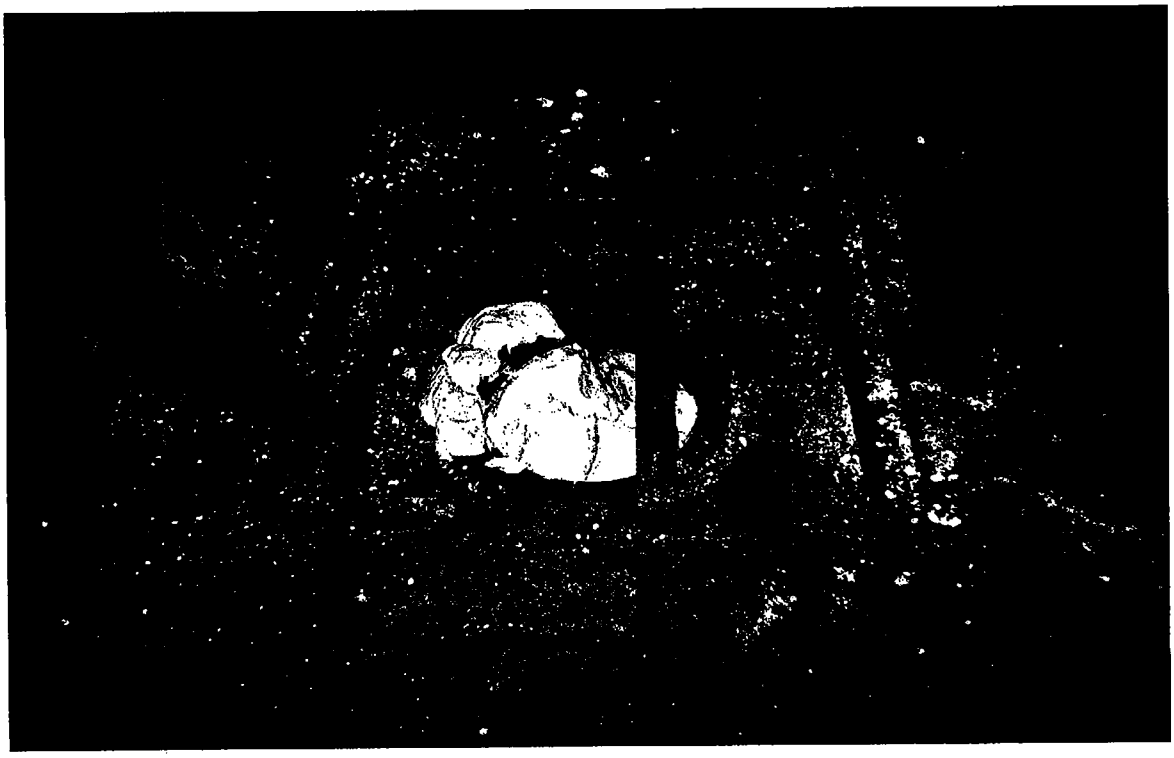
Tank filled with the foam product



Tank filled with the foam product



Tank filled with the foam product



Tank filled with the foam product

Appendix B

Disposal Manifests

FENLEY & NICOL ENVIRONMENTAL INC.
NON-HAZARDOUS / NON-REGULATED WASTE MANIFEST

PLEASE TYPE OR PRINT CLEARLY

JOB # 0609864

DATE 6/21/06

MANIFEST # No. 16970

1. **GENERATOR OF WASTE**

NAME A.S.R.

ADDRESS 45 DUPONT ST

PHONE NUMBER

SITE LOCATION BKLYN NY.

2. **IDENTIFICATION OF WASTE**

PROPER U.S. D.O.T. SHIPPING NAME	STATE CODE	CONTAINER TYPE	QTY. GALLONS
FUEL OIL MIXTURE 3 NA1993 PG-III	NO18	TT	2810
Spill # (if applicable)	ERG # 128		

3. **GENERATOR'S CLASSIFICATION**

This is to certify that the herein named materials are properly described, classified and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, Environmental Protection Administration and Local State regulations. The wastes are described herein were consigned to the transporter named. The TSD Facility can and will accept the shipment of waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the best of my knowledge.

GENERATOR'S CONTACT SUPERVISOR and/or (Authorized Agent) [illegible] please print or type

SUPERVISOR'S SIGNATURE [signature] TITLE

4. **TRANSPORTER NAME AND ADDRESS** (#1) (#2)

(#1)	(#2)
NAME FENLEY & NICOL ENVIRONMENTAL INC.	NAME
ADDRESS 445 BROOK AVENUE, DEER PARK, NY 11729	ADDRESS
PHONE NUMBER 24 Hour Emergency# (516) 586-4900	PHONE NUMBER
DRIVER'S NAME MIKE HACK SIGNATURE [signature]	DRIVER'S NAME SIGNATURE
INDUSTRIAL WASTE HAULER PERMIT # 1A-036 VEHICLE PLATE # 95760-JC	INDUSTRIAL WASTE HAULER PERMIT # VEHICLE PLATE #

5. **DISPOSAL SITE** (Must be filled in by disposal site)

NAME OF FACILITY

ADDRESS OF FACILITY

PHONE NUMBER

This load was received as stated by generator YES ☐ NO ☐

DISPOSAL SITE IDENTIFICATION NUMBER (if applicable)

DISPOSAL SITE INSPECTOR NAME

SIGNATURE DATE

GENERATOR White TRANSPORTER Yellow DISPOSAL Pink ORANGE

FENLEY & NICOL ENVIRONMENTAL INC.
NON-HAZARDOUS / NON-REGULATED WASTE MANIFEST

PLEASE TYPE OR PRINT CLEARLY

JOB # _____

DATE 6/28/06 MANIFEST # No. 17093

1. **GENERATOR OF WASTE**

NAME ASR.

ADDRESS 95 DUPONT ST

PHONE NUMBER _____

SITE LOCATION BKLYN NY.

2. **IDENTIFICATION OF WASTE**

PROPER U.S. D.O.T. SHIPPING NAME	STATE CODE	CONTAINER TYPE	QTY. GALLONS
FUEL OIL MIXTURE 3 NA1993 PG III	NOIS	TT	1737
Spill # (if applicable)	ERG # 128		

3. **GENERATOR'S CLASSIFICATION**

This is to certify that the herein named materials are properly described, classified and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, Environmental Protection Administration and Local State regulations. The wastes are described herein were consigned to the transporter named. The TSD Facility can and will accept the shipment of waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the best of my knowledge.

GENERATOR'S CONTACT SUPERVISOR and/or (Authorized Agent) Anthony Adesso (please print or type)

SUPERVISOR'S SIGNATURE Anthony Adesso TITLE _____

4. **TRANSPORTER NAME AND ADDRESS** (#1) (#2)

NAME FENLEY & NICOL ENVIRONMENTAL INC.

ADDRESS 445 BROOK AVENUE, DEER PARK, NY 11729

PHONE NUMBER 24 Hour Emergency# (516) 586-4900

DRIVER'S NAME MIKE HALL SIGNATURE _____

INDUSTRIAL WASTE HAULER PERMIT # 1A-036 VEHICLE PLATE # 95160-JC

NAME _____

ADDRESS _____

PHONE NUMBER _____

DRIVER'S NAME _____ SIGNATURE _____

INDUSTRIAL WASTE HAULER PERMIT # _____ VEHICLE PLATE # _____

5. **DISPOSAL SITE** (Must be filled in by disposal site)

NAME OF FACILITY _____

ADDRESS OF FACILITY _____

PHONE NUMBER _____

This load was received as stated by generator YES ☐ NO ☐

DISPOSAL SITE IDENTIFICATION NUMBER (if applicable) _____

DISPOSAL SITE INSPECTOR NAME _____

SIGNATURE _____ DATE _____

GENERATOR-White **TRANSPORTER-Yellow** **DISPOSAL-Pink** **ORANGE-File**

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. Exempt	Manifest Document No.	2. Page 1 of 1

3. Generator's Name and Mailing Address: Harta + Company, 4950 Dupont St, Brooklyn NY

4. Generator's Phone ( )

2 tanks (Bottoms) 1 1/2 plastic Containers

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Milio Associates	NYD 084 743263	516-379-1500
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address: NY Oil Recovery, 94 Hawkins St, Brooklyn NY	10. US EPA ID Number: Exempt	C. Facility's Phone

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. waste oil + sludges	001	TT	00400	G
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
X E. VAZQUEZ	X E. Vazquez			

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	6	29	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
N.Y. Oil Recovery	[signature]	6	29	06

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: Exempt
Manifest Document No.:
2. Page 1 of 1

3. Generator's Name and Mailing Address: Harte + Co. Dupont Ave Brooklyn, NY
a) Tank #17
b) sweetwater last time

4. Generator's Phone ( )

5. Transporter 1 Company Name: Milro Associates
6. US EPA ID Number: NY.D064743263
A. Transporter's Phone: 516-379-1500

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transportor's Phone:

9. Designated Facility Name and Site Address: NY Oil Recovery 94 Hewsman St Brooklyn NY
10. US EPA ID Number: Exempt
C. Facility's Phone:

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. waste oil	001	TT	00300	G
b. waste oil + water emulsions	001	TT	00200	G
c.				
d.				

D. Additional Descriptions for Materials Listed Above:

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: E. VAZQUEZ
Signature: E. Vazquez
Month 7 Day 12 Year 06

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Todd Murray
Signature: Todd Murray
Month 7 Day 12 Year 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

19. Discrepancy Indication Space:

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: NY Oil Recovery
Signature: [signature]
Month 07 Day 12 Year 06

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Appendix C

Laboratory Analyticals

APPENDIX B

Phase II Site Assessment

ASR, March 2007

ADVANCED SITE RESTORATION, LLC
ENVIRONMENTAL SERVICES

Phase II Site Assessment

49-55 Dupont Street, Brooklyn, New York 11222

NYSDEC SPILL # 06-01852



Prepared on Behalf of:
49 Dupont Realty Corporation

Prepared By:
Advanced Site Restoration, LLC

March 2007

Christopher P. Tomasello, I.H.
Project Professional

Steven Muller, CEC
Project Manager

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GROUNDWATER ANALYTICAL RESULTS

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APPENDIX – D	Laboratory Analytical Reports
APPENDIX – E	Manifests

1.0 SCOPE OF PROJECT

This Phase II Site Investigation Report documents the results of the subsurface soil and groundwater investigation at the subject site. This investigation was conducted by Advanced Site Restoration, LLC (ASR), on behalf of 49 Dupont Realty Corporation. All work is in accordance with New York State Department of Environmental Conservation (NYSDEC), Spill Prevention Operations Technology Series (SPOTS) Memo #14, Site Assessments at Bulk Storage Facilities (August 1994). The scope of this investigation includes the following:

- The review of the New York State regulatory agency records for the site and the immediate surrounding area.
- An investigation into the possible sources of off site contamination.
- The collection of soil samples from inside the building at the subject site and off site, directly adjacent to the building.
- The documentation of soil characteristics and conditions.
- The advancement of groundwater monitoring wells both inside the building at the subject site and off site, directly adjacent to the building.
- The collection of groundwater samples from inside the building at the subject site and off site, directly adjacent to the building. .
- A survey of the area in and around the subject site.
- The construction of a Groundwater Gradient Map.
- The construction of both groundwater and soil Contaminant Plume Maps.
- A summary of the analytical findings respective to the NYSDEC TAGM 4046, Allowable Soil Concentrations and Groundwater Quality Standards.
- Develop recommendations based on the findings of this investigation.

2.0 GENERAL SITE INFORMATION

Site Description: The subject site is legally identified as New York City Tax Block 2487, Tax Lots 1, 10, 12, 17, 18, 20, 21, 57, 72, and 78. The current owner since 1983 is the 49 Dupont Realty Corporation.

The subject site is a former manufacturing facility. The New York City Department of Finance Occupancy Code is "F-9, Factory Industrial." According to the Sanborn Map Report from Environmental Data Resources, Inc. (EDR), industrial activity at the subject site dates as far back as 1887.

Historic use of the site has included manufacturing, office, storage, shipping and receiving. More recently, the site had been used as a plastic manufacturing facility since approximately 1950. According to *FPM Group* who completed a Phase I Site Assessment, dated April 2005 for the subject site, reported that commercial uses prior to 1950 included a boiler shop for Logan Ironworks, two stable buildings, a gas and light fixture factory, a sheet metal works, a soap manufacturer, a water proofing manufacturer, and a scrap metal facility.

The North American Industry Classification System (NAICS) listing for the subject site is "Plastic Fitting and Plastic Manufacturing". The factory at the subject site was most recently used to manufacture vinyl sheeting. It had been used as such a facility for the greater part of the 20th Century. As of 2004, the factory ended its manufacturing operations.

According to the United States Geological Survey (USGS) Brooklyn, New York 7.5 Minute Series Topographical Map (1995), the Site is situated at an approximate elevation of 13 feet above mean sea level. The location of the Site is shown on the Site Location Map, Figure 1, Appendix A.

In September of 2004, a visual reconnaissance of the site was performed by *RTP Environmental Associates* (RTP). Materials potentially containing asbestos were reported throughout the site. Four (4) silos used to store raw materials were observed on the west side of the property. RTP also reported a drum storage area with drums containing petroleum products. Plasticizers were also found in several areas of the subject site in drums and in concrete lined piping trenches. The on–site contamination, including that of plasticizers has been fully delineated in preparation for environmental remediation.

The environmental work currently being performed by ASR began in May 2006. To address the underground storage tanks (USTs), ASR collected samples from inside each UST. The seventeen (17) USTs were cleaned, rinsed and filled with foam to close them in place in accordance with all NYSDEC regulations. In July of 2006, the tanks were properly registered with the submittal of an updated Petroleum Bulk Storage and Chemical Bulk Storage application to the NYSDEC. Upon completion of the UST decommissioning, ASR prepared and submitted to the NYSDEC a Tank Closure Report dated July, 2006. ASR continued the subsurface investigation activities with the collection of soil and groundwater samples and the installation of a monitoring well network to fully delineate the identified soil and groundwater contamination (see Section 6.0). During future development of a comprehensive remedial plan, ASR has installed and currently maintains an Interim Remedial Measure (IRM) which consists of recovering free phase product (plasticizer) by pumping from two (2) locations. In addition, daily hand bailing is currently being performed. (see Section 9.0)

Surrounding Land Use: The surrounding use of the site is a mix of commercial, residential, and manufacturing. There are a number of mixed use lots with both residential and manufacturing. To the north of the site is a warehouse and a hardware store beyond which is an automotive lot (Figure 2-Aerial Photograph, Appendix A). To the east down Clay Street and Dupont Street are several multi-family residential units. To the south across Dupont Street there are apartments and more residential units. To the west is a small city park.

Sensitive Receptor Survey: A limited sensitive receptor survey was performed to identify any potential sensitive receptors in the vicinity of the subject site. No potable water wells were identified on or in the immediate vicinity of the subject site. The nearest surface water body is New Town Creek, which outflows into the East River located approximately 600 feet northwest of the subject site. As mentioned in the Surrounding Land Use Section, there are residential units to the east and the south of the subject site. Major utilities including water, sanitary, electric and natural gas have also been identified under the streets of Franklyn, Clay, and Commercial.

3.0 REGIONAL GEOLOGY/HYDROGEOLOGY

The subject site is located in Brooklyn, New York. The elevation of the site, as presented on the United States Geologic Survey (USGS), Brooklyn Quadrangle Map (1995), is approximately 13 feet above sea level (Figure – 1, Appendix A). The subject site lies within an area classified as Urban Land. This soil type consists of urbanized areas where the majority of surface is covered with buildings, roads, driveways, parking lots, and other manmade structures.

Based on our measurements, the groundwater table is located between 10 ft and 12 ft below grade surface (bgs). This is consistent with a USGS Survey of Water Table Elevation map available to ASR. A northwesterly groundwater flow direction was determined by ASR from a survey of monitoring wells installed on and off site. This groundwater flow direction is supported location and proximity to New Town Creek and the East River, (Figure 6 - Groundwater Gradient Map, Appendix A).

4.0 PREVIOUS INVESTIGATIONS/HISTORICAL REVIEW

The subject site is classified as a Small Quantity, RCRA Hazardous Waste Generator.

RTP Environmental Associates, Inc. of Westbury, New York, conducted a Preliminary Phase I Site Assessment in September, 2004. The report identified the following areas of concern (AOC):

- Identify environmental concerns regarding the 10,000 gallon USTs
- Test the integrity of certain tanks
- Clean the inside of the building
- Get the building up to code with NYC Building Dept.
- Perform additional environmental investigations
- Identify the means of demolition and waste disposal

RTP reports that the main areas of "potential environmental concern" within the property are the USTs and the piping/vent lines associated with them.

In addition to the aforementioned report, FPM Group of Ronkonkoma, New York, conducted a Phase I Environmental Site Assessment in April 2005. This report was much more detailed than the RTP report. FPM Group identified several AOCs. They include:

- UST's, both known and suspected
- Oil-Water Separator
- Sub grade pipe chaseways (trenches)
- Loading Dock Drain
- Drum Storage Area
- Printing Press Pits

- Asbestos
- Silos
- Freight Elevator
- Oil Stained Walls
- Groundwater and soil gas (site wide)

5.0 PLASTICIZER IDENTIFICATION

During the manufacturing process to produce various plastic and vinyl products the subject site stored a group of chemicals commonly referred to as plasticizers. These plasticizers include:

Bis(2-ethylhexyl)terephthalate	(Eastman DOTP)
Bis(2-ethylhexyl)adipate	(Eastman DOA)
Phathalate mix	(DINP Plasticizer)
Palatinol 711P phthalate	(BASF 711P)

The listed plasticizers were stored in several large (up to 10,000 gallon) USTs and used depending on the final product. Storage of hecla oil (machine lubricant), fuel oil and acetone was also identified in various USTs. During the subsurface investigation activities for UST closure, plasticizer as a free light non aqueous liquid (LNAPL) was identified in several groundwater monitoring wells.

Between May and December 2006, ASR installed a monitoring well network consisting of 17 groundwater monitoring wells (2 inch diameter) and ten (10) product recovery wells (4 inch diameter). This monitoring well network delineated the vertical and horizontal extent of the LNAPL (Figure - 8, Appendix – A).
In an effort to identify the nature and source of the LNAPL, the above list of plasticizers were supplied to a laboratory and used as a reference to fingerprint match the LNAPL in monitoring wells MW-4 through MW-7, RW-2, RW-3, and RW-5. The results were inconclusive since multiple plasticizers were identified in the same monitoring wells and the references themselves consisted of blends of other compounds including phthalates.

After the delineation of the LNAPL, ASR installed a series of ten (10) strategically located product recovery wells as part of an interim remedial measure (IRM). This IRM was developed and implemented to begin the process of removing LNAPL from the groundwater table. This action is currently ongoing and has successfully recovered over 2,300 gallons of LNAPL plasticizer as of March 27, 2007. The IRM currently consists of two (2) product only pumps and daily hand bailing from all wells containing LNAPL.

5.1 Fuel Oil

In addition to plasticizer LNAPL, fuel oil has also been identified as a LNAPL in a confined area in close proximity to the underground fuel oil tank. Monitoring wells MW-1 in the building and MW-9 in the sidewalk adjacent to the fuel oil UST contain LNAPL. The thickness of product in the wells can not be accurately determined due to the high

viscosity of the product. Based on observations made on-site, LNAPL thickness in the monitoring wells appears to be less than one (1) inch. A four (4) inch diameter recovery well (RW-7) was installed adjacent to the fuel oil UST as part of the IRM.

6.0 SUBSURFACE SOIL DELINIATION

Given the size of the subject property, an extensive sampling protocol was developed. ASR staff designed a sampling network that was biased to the locations of the UST's (Borehole & Well Location Map, Figure - 2, Appendix A)

Between May 3, 2006 and July 24, 2006 ASR conducted 41 soil borings through the subject site. The sampling was conducted using a geoprobe direct push sampling rig, collecting discrete soil samples from grade to the groundwater table. At least one (1) sample from each borehole was submitted to a state certified laboratory for analysis of VOCs and SVOCs by EPA Method 8260 Stars and EPA Method 8270 Stars respectively. Several borehole locations were also sampled for pesticides by EPA Method 8081, PCBs by EPA Method 8082, and total RCRA Metals.

The results indicated detectable concentrations of VOCs in the soil samples from nine (9) of the 41 borehole locations, and detectable SVOCs (including plasticizers) in the soil samples from 30 of the 41 locations. Of the 30 samples containing detectable levels of SVOCs, 21 contained only plasticizers. The extent of soil contamination above NYSDEC guidance values was used to develop a Soil Impact Map indicating the delineated extent of the soil contamination by phthalates.

Mercury was detected in one (1) sample collected from soil boring SB-4 on May 2, 2006. Subsequently, the NYSDEC requested that the horizontal and vertical extent of the mercury identified in SB-4 be fully delineated. On December 7, 2006, ASR returned to this location and collected soil samples from the same location and depth as SB-4, five (5) feet north and 5 ft south. The samples were delivered to a state certified laboratory and analyzed for mercury only. The results indicated no detection of mercury in any of the samples collected, including the sample collected from the same location as SB-4.

The soil sample analytical results are summarized in the tables following Section 11.0.

7.0 GROUNDWATER MONITORING WELL INSTALLATIONS

To obtain additional information about the nature of the contaminant, assist in delineating the extent and provide a means to collected groundwater samples, ASR installed a monitoring well network. This network consists of 16 groundwater monitoring wells, four (4) of which are located inside the building. The monitoring wells were installed between May and December, 2006. Photographs of the well installations are attached in Appendix B. In general the well construction consists of 10 feet of 2 inch diameter well screen intersecting the groundwater table with soil riser pipe to the surface. Monitoring wells installed in the building were left stubbed up two feet above grade, and the wells installed in the sidewalks were completed below grade and

covered with a small bolt down manhole cover. Boring logs detailing the subsurface soil classifications and well construction are attached as Appendix – C.

8.0 GROUNDWATER SAMPLING ACTIVITIES and RESULTS

Shortly after the installation of each groundwater monitoring well, ASR returned to the site and gauged the well for depth to water and/or the detection of LNAPL using a sonic product interface probe. Of the 16 groundwater monitoring wells installed by ASR, six (6) contained various thickness of LNAPLs. Due to the presence of floating product, groundwater samples were not obtained from MW-1, MW-4 through MW-7, and MW-9. Groundwater samples from the remaining monitoring wells were collected and delivered to a state certified laboratory for analysis of VOCs and SVOCs by EPA Method 8260 Stars and EPA Method 8270 Stars respectively.

The groundwater sampling results indicated detectable concentrations of VOCs in the groundwater at three (3) of the ten (10) monitoring wells sampled, and detectable SVOCs (including plasticizers) in the groundwater samples from seven (7) of the ten (10) locations. The extent of groundwater contamination above NYSDEC guidance values developed a VOC Plume Map indicating the delineated extent of the soil contamination by phthalates.

No detection of VOCs or SVOCs above NSDEC guidance values were detected in the groundwater monitoring wells located across the adjacent streets.

The groundwater sample analytical results are summarized in the tables following Section 11.0.

9.0 INTERIM REMEDIAL MEASURE

During the field and data collection activities to develop the Phase II environmental site assessment, it was determined that the thickness and extent of the LNAPL identified on the subject site was sufficient enough to design and implement an interim remedial measure. Between October and December, 2006 ASR installed a total of ten (10) four (4) inch diameter product recovery wells. In November, 2006 two (2) recovery wells (RW-3 and RW-10) were retrofitted to maintain pumping units supplied by Spillbuster, Inc. The pumps use an auto seeking computer controlled mechanism to identify the product and groundwater interface. The pumps are designed to maintain less than one (1) inch of product in the well creating a cone-of-depression. Groundwater is not pumped by this system. The recovered product is pumped into 400 gallon capacity totes provided by the site. In addition to pumping, hand bailing of product is performed at the additional recovery wells and any monitoring wells which contain LNAPL. To date over 2,300 gallons of product has been recovered from the site. This IRM is anticipated to continue for product recovery.

10.0 GENERATED WASTE DISPOSAL

During the field activities of the Phase II investigation, drill cuttings were generated. Specifically, the soil cuttings from the installation of groundwater monitoring wells and product recovery wells. A total of three (3) drums of soil were generated. Due to the concentration of Phthalate in the soil cuttings the drums were classified as Hazardous Soils for transportation and disposal to a certified disposal facility. In addition to the soil cuttings several drums of soil and liquid were generated during the UST closure activities. These drum were also properly classified, transported and disposed of at a certified disposal facility. Manifests and Bills of Lading are attached as Appendix – E.

11.0 SUMMARY

Free Floating Product
Under the west side of the building extending into the sidewalk of Franklyn and Clay Streets is a plume of free floating phthalate. This product plume has been delineated and does not extend beyond Franklyn, Clay or Commercial Streets. The plume appears to be stable; this is expected with the decommissioning of all USTs. An IRM has been designed, installed and maintained since November, 2006 and has recovered to date over 2,300 gallons of product.

Soil Sample Results
In the west side of the building at the subject site, several phthalates (plasticizers) were detected at levels above and below the NYSDEC, "Allowable Soil Concentrations." These two phthalates, Bis(2-ethylhexyl)phthalate and Di-n-octylphthalate (believed to be DOTP and DINP respectfully), were detected in several soil boring samples taken from the western portion of the building. In addition, phthalates were detected in the soil below the sidewalk adjacent to the west side of the property. The two phthalates were also detected in the soil under the sidewalk adjacent to the north side of the building (Soil Plume Map, Appendix A).

The analysis of a series of samples collected from the west side of the building indicated the presence of several SVOCs both above and below the NYSDEC, "Allowable Soil Concentrations." This plume was found to be down groundwater gradient of hecla oil USTs. Lower levels of several SVOCs were also detected in the northeast portion of the property in the area of the Fuel Oil USTs.

Overall, VOCs were detected in a total of nine (9) soil borings, with the total VOCs ranging from 17 ppb to 40,500 ppb. The higher levels of VOCs were detected near the hecla oil tanks and #2 fuel oil tanks.

Groundwater Samples Results Summary
The phthalates detected inside the building, Bis(2-ethylhexyl)phthalate and Di-n-octylphthalate, were also detected in the groundwater inside the building. During the off site groundwater investigation, the phthalates were detected in wells directly adjacent to the building to the west. Based on the results of the groundwater monitoring wells, a plume of phthalates appears to be beneath the western portion of the building as well as down gradient under the sidewalk. No

detection of VOCs or SVOCs above NYSDEC guidance values were detected in the groundwater monitoring wells located across the adjacent streets.

VOCs in the groundwater were detected around the fuel oil UST in the northeast portion of the subject site.

Conclusion

Based on research, monitoring data and the analysis of the soil and groundwater samples collected in and adjacent to the subject site, several conclusions are suggested. It is suggested that a significant amount of plasticizers are currently adhered to the subsurface soils on the western portion of the subject site. Free floating phthalates (LNAPLs) has been identified in several monitoring wells in the western portion of the subject site as well as in the adjacent sidewalk on Franklyn Avenue and Clay Street.

Several smaller areas of soil and groundwater believed to be contaminated with oil constituents exist within the phthalate plume. A small area of VOC contamination exists in the north east portion of the property.

Based on the estimated volume of the contaminants detected, it is suggested that the phthalate plume is the largest area of concern. The phthalate plume, along with other minor contamination will be addressed as stated in the following section.

Recommendations

Based on the recognized environmental conditions identified during the Phase II Site Assessment, ASR makes the following recommendations for the subject property referenced as 49-55 Dupont Street in Brooklyn, New York:

- Continue the existing IRM, with a consideration of product recovery enhancement.
- Develop a conceptual design and potential work plan for excavation and removal of soil with the greatest concentration of phthalates.
- Coordinate on going remediation with the future use of the property.
- Consider removal of the USTs that are suspected of being the source of the product as a method for potential increased product recovery in the source area.
- Continue monitoring and sampling on and off-site groundwater monitoring wells on a quarterly schedule.

Soil Sampling Results Tables

TABLE - 1
Soil Analytical Results (ppb)

Parameter	TAGM 4046	SB-1		SB-2		SB-3		SB-4		SB-5		SB-6		SB-7	
VOCs (ug/kg)		**1-5ft**	**5-10ft**	**1-5ft**	**10-12ft**	**1-5ft**	**5-10ft**	**1-5ft**	**13-15ft**	**1-5ft**	**10-12ft**	**1-5ft**	**14-16ft**	**1-5ft**	**11-13ft**
1,2,4-Trimethylbenzene	130	ND	ND	ND	**1,700**	ND	ND	ND	ND	ND	**260**	ND	ND	ND	ND
1,3,5-Trimethylbenzene	33	ND	ND	ND	ND	ND	ND	ND	ND	ND	**100**	ND	ND	ND	ND
p-Isopropyltoluene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	37	ND	ND	ND	ND
Benzene	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	**45**	ND	ND	ND	ND
MTBE	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	ND	ND	ND	ND	ND	ND	ND	ND	70	ND	ND	ND	ND
n-Butylbenzene	120	ND	ND	ND	ND	ND	ND	ND	ND	ND	56	ND	ND	ND	ND
n-Propylbenzene	37	ND	ND	ND	ND	ND	ND	ND	ND	ND	35	ND	ND	ND	ND
o-Xylene	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	**54**	ND	ND	ND	ND
SVOCs (ug/kg)															
Acenaphthene	920	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	370	ND
Anthracene	7,000	ND	ND	ND	ND	ND	ND	1,800	ND	1,700	ND	550	ND	620	ND
Benzo [a] anthracene	28	ND	ND	ND	ND	ND	ND	**3,900**	ND	**3,500**	ND	**2,000**	ND	**2,800**	ND
Benzo [a] pyrene	110	ND	ND	ND	ND	ND	ND	**2,700**	ND	**2,000**	ND	**1,300**	ND	**1,900**	ND
Benzo [b] fluoranthene	11	ND	ND	ND	ND	ND	ND	**2,400**	ND	**2,300**	ND	**1,400**	ND	**1,800**	ND
Benzo [g,h,i] perylene	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	390	ND	600	ND
Benzo [k] fluoranthene	11	ND	ND	ND	ND	ND	ND	**2,900**	ND	**1,900**	ND	**1,100**	ND	**1,400**	ND
Chyrsene	4	ND	ND	ND	ND	ND	ND	**4,000**	ND	**3,300**	ND	**1,800**	ND	**2,600**	ND
Dibenze [a,h] anthracene	1,650,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	340	ND
Fluoranthene	19,000	ND	ND	ND	ND	ND	ND	11,000	ND	8,300	ND	4,600	ND	5,500	ND
Fluorene	3,650	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno [1,2,3-cd] pyrene	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**500**	ND	**680**	ND
Naphthalene	130	ND	ND	ND	ND	ND	ND	**2,000**	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	2,180	ND	ND	ND	ND	ND	ND	**13,000**	ND	**8,400**	ND	**2,700**	ND	**4,000**	ND
Pyrene	6,650	ND	ND	ND	ND	ND	ND	**9,000**	ND	**7,100**	ND	4,000	ND	5,100	ND
Bis(2-ethylhexyl)phthalate	4,350	ND	ND	ND	ND	ND	190	ND	**140,000**	ND	**150,000**	ND	**12,000,000**	**4,800**	**6,800**
Di-n-octylphthalate	1,200	ND	ND	ND	ND	ND	ND	ND	**200,000**	ND	ND	ND	ND	ND	ND

Guidance value is the NYSDEC Soil Cleanup Objective based on NYSDEC's TAGM 4046, dated January 24, 1994, revised August 22, 2001.
NS – Not Sampled
ND – Not detected above laboratory's minimum detection limit.

TABLE - 1
Soil Analytical Results (ppb)

Parameter	TAGM 4046	SB-8	SB-9	SB-10	SB-11	SB-12	SB-13	SB-14	SB-15	SB-16	SB-17	SB-18	SB-19
VOCs (ug/kg)													
1,2,4-Trimethylbenzene	130	ND	ND	ND	ND	ND	ND	**11,000**	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	33	ND	ND	ND	ND	ND	ND	**2,300**	ND	ND	ND	ND	ND
p-Isopropyltoluene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	55	ND	ND	ND	ND	ND	ND	**860**	ND	ND	ND	ND	ND
Isopropylbenzene	23	ND	ND	ND	ND	ND	ND	**660**	ND	ND	ND	ND	ND
m,p-Xylenes	12	ND	ND	ND	ND	ND	ND	**2,300**	ND	ND	ND	ND	ND
MTBE	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	ND	ND	ND	ND	ND	**14,000**	ND	ND	ND	ND	ND
n-Butylbenzene	120	ND	ND	ND	ND	ND	ND	**2,600**	ND	ND	ND	ND	ND
n-Propylbenzene	37	ND	ND	ND	ND	ND	ND	**1,400**	ND	ND	ND	ND	ND
o-Xylene	12	ND	ND	ND	ND	ND	ND	**650**	ND	ND	ND	ND	ND
sec-Butylbenzene	110	ND	ND	ND	ND	ND	ND	**870**	ND	ND	ND	ND	ND
Toluene	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (ug/kg)													
Acenaphthene	920	ND	ND	ND	ND	ND	ND	ND	ND	ND	580	ND	ND
Anthracene	7,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	390	ND	ND
Benzo [a] anthracene	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [a] pyrene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [b] fluoranthene	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [g,h,i] perylene	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [k] fluoranthene	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chyrsene	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenze [a,h] anthracene	1,650,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	19,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	340	ND	ND
Fluorene	3,650	ND	ND	ND	ND	ND	ND	ND	ND	ND	270	ND	ND
Indeno [1,2,3-cd] pyrene	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,500**	ND	ND
Phenanthrene	2,180	ND	ND	ND	ND	ND	ND	ND	ND	ND	710	ND	ND
Pyrene	6,650	ND	ND	ND	ND	ND	ND	ND	ND	ND	500	ND	ND
Bis(2-ethylhexyl)phthalate	4,350	280	170	ND	260	ND	370	ND	ND	300	ND	ND	ND
Di-n-octylphthalate	1,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Guidance value is the NYSDEC Soil Cleanup Objective based on NYSDEC's TAGM 4046, dated January 24, 1994, revised August 22, 2001.
NS – Not Sampled
ND – Not detected above laboratory's minimum detection limit.

TABLE - 1
Soil Analytical Results (ppb)

Parameter	TAGM 4046	SB-20	SB-21	SB-23	SB-24	SB-32	SB-34	SB-36	SB-37	SB-38a	SB-38b	SB-39
VOCs (ug/kg)												
1,2,4-Trimethylbenzene	130	ND	ND	ND	ND	ND	74	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	33	ND	ND	ND	ND	ND	30	ND	ND	ND	ND	ND
p-Isopropyltoluene	110	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	**210**
Benzene	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**190**
m,p-Xylenes	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MTBE	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	ND	ND	ND	ND	28	ND	ND	ND	ND	ND
n-Butylbenzene	120	ND	ND	ND	ND	ND	25	ND	ND	ND	ND	**930**
n-Propylbenzene	37	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	**740**
o-Xylene	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	110	ND	ND	ND	ND	ND	12	ND	ND	ND	ND	**400**
Toluene	15	ND	ND	ND	ND	ND	**27**	ND	ND	ND	ND	ND
SVOCs (ug/kg)												
Acenaphthene	920	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**13,000**
Anthracene	7,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**25,000**
Benzo [a] anthracene	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44,000**
Benzo [a] pyrene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**33,000**
Benzo [b] fluoranthene	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**26,000**
Benzo [g,h,i] perylene	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8,600
Benzo [k] fluoranthene	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**32,000**
Chyrsene	4	ND	ND	**220**	ND	ND	ND	ND	ND	ND	ND	**48,000**
Dibenze [a,h] anthracene	1,650,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	19,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**88,000**
Fluorene	3,650	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**17,000**
Indeno [1,2,3-cd] pyrene	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**
Naphthalene	130	ND	ND	**1,600**	ND	ND	ND	ND	ND	ND	ND	**12,000**
Phenanthrene	2,180	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**86,000**
Pyrene	6,650	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**80,000**
Bis(2-ethylhexyl)phthalate	4,350	ND	ND	380	**14,000**	1,500	**610,000**	ND	**100,000**	3,500	ND	ND
Di-n-octylphthalate	1,200	ND	ND	ND	**16,000**	ND	**41,000**	1,000	**8,300**	ND	1,000	ND

Guidance value is the NYSDEC Soil Cleanup Objective based on NYSDEC's TAGM 4046, dated January 24, 1994, revised August 22, 2001.
NS – Not Sampled
ND – Not detected above laboratory's minimum detection limit.

TABLE - 1
Soil Analytical Results (ppb)

Parameter	TAGM 4046	SB-44	SB-46	SB-48	SB-49	SB-50	SB-51	SB-52	SB-56	SB-57	SB-58	SB-59
VOCs (ug/kg)												
1,2,4-Trimethylbenzene	130	73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	12	**62**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MTBE	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	120	130	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	37	**58**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (ug/kg)												
Acenaphthene	920	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	7,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [a] anthracene	28	ND	ND	ND	ND	ND	ND	**840**	ND	ND	ND	ND
Benzo [a] pyrene	110	ND	ND	ND	ND	ND	ND	**780**	ND	ND	ND	ND
Benzo [b] fluoranthene	11	ND	ND	ND	ND	ND	ND	**730**	ND	ND	ND	ND
Benzo [g,h,i] perylene	80,000	ND	ND	ND	ND	ND	ND	280	ND	ND	ND	ND
Benzo [k] fluoranthene	11	ND	ND	ND	ND	ND	ND	**590**	ND	ND	ND	ND
Chyrsene	4	ND	**220**	ND	ND	ND	ND	**740**	ND	ND	ND	ND
Dibenze [a,h] anthracene	1,650,000	ND	ND	ND	ND	ND	ND	210	ND	ND	ND	ND
Fluoranthene	19,000	ND	ND	ND	ND	ND	ND	1,200	ND	ND	ND	ND
Fluorene	3,650	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno [1,2,3-cd] pyrene	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	ND	ND	**690**	**220**	ND	ND	ND	ND	ND	ND
Phenanthrene	2,180	ND	ND	ND	ND	ND	ND	570	ND	ND	ND	ND
Pyrene	6,650	ND	ND	ND	ND	ND	ND	1,300	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	4,350	**20,000,000**	340	**4,800**	230	3,700	**34,000**	3,400	ND	**52,000**	320	ND
Di-n-octylphthalate	1,200	ND	ND	ND	330	1,000	**11,000**	460	ND	**6,800**	ND	ND

Guidance value is the NYSDEC Soil Cleanup Objective based on NYSDEC's TAGM 4046, dated January 24, 1994, revised August 22, 2001.
NS – Not Sampled
ND – Not detected above laboratory's minimum detection limit.

TABLE - 1
Soil Analytical Results (ppb)

Parameter	TAGM 4046	MW-5		MW-6		MW-7		MW-8		MW-9		MW-10		MW-11
VOCs (ug/kg)		4-9ft	10-15ft	5-10ft	10-15ft	5-10ft	10-15ft	5-10ft	10-15ft	5-10ft	5-10ft	5-10ft	10-15ft	8-10ft
1,2,4-Trimethylbenzene	130	ND	**420**	ND	ND	ND	35	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	55	ND	ND	ND	ND	ND	ND	ND	ND	ND	**480**	ND	ND	ND
Isopropylbenzene	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	**620**	ND	ND	ND
m,p-Xylenes	12	ND	ND	ND	ND	ND	**36**	ND	ND	ND	ND	ND	ND	ND
MTBE	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	**220**	ND	ND	ND	ND	ND	ND	**4,000**	**3,600**	ND	ND	ND
n-Butylbenzene	120	ND	ND	ND	ND	ND	ND	ND	ND	**1,100**	**1,100**	ND	ND	ND
n-Propylbenzene	37	ND	ND	ND	ND	ND	ND	ND	ND	**850**	**1,100**	ND	ND	ND
o-Xylene	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	110	ND	ND	31	ND	ND	ND	ND	ND	**720**	**690**	ND	ND	ND
Toluene	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (ug/kg)														
Acenaphthene	920	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	170
Anthracene	7,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	320
Benzo [a] anthracene	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**350**
Benzo [a] pyrene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**180**
Benzo [b] fluoranthene	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [g,h,i] perylene	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [k] fluoranthene	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**210**
Chyrsene	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**320**
Dibenze [a,h] anthracene	1,650,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	19,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	740
Fluorene	3,650	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	170
Indeno [1,2,3-cd] pyrene	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	2,180	ND	ND	ND	ND	ND	ND	ND	ND	**5,600**	**17,000**	ND	ND	890
Pyrene	6,650	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	600
Bis(2-ethylhexyl)phthalate	4,350	ND	**6,700,000**	**9,500,000**	**1,900,000**	**3,600**	**1,700,000**	ND	**12,000**	ND	**59,000**	ND	**6,300**	ND
Di-n-octylphthalate	1,200	ND	**1,300,000**	ND	**180,000**	ND	ND	ND	ND	ND	ND	ND	ND	ND

Guidance value is the NYSDEC Soil Cleanup Objective based on NYSDEC's TAGM 4046, dated January 24, 1994, revised August 22, 2001.
NS – Not Sampled
ND – Not detected above laboratory's minimum detection limit

TABLE - 1
Soil Analytical Results (ppb)

Parameter	TAGM 4046	MW-12	MW-13	MW-14	MW-15	MW-16	ASR-11		ASR-12	
VOCs (ug/kg)		**8-10ft**	**8-10ft**	**8-10ft**	**8-10ft**	**8-10ft**	**5-10ft**	**10-15ft**	**5-10ft**	**10-15ft**
1,2,4-Trimethylbenzene	130	73	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	33	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	55	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	23	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	12	ND	ND	ND	ND	ND	ND	ND	ND	ND
MTBE	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	120	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	37	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	12	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	15	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (ug/kg)										
Acenaphthene	920	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	7,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [a] anthracene	28	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [a] pyrene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [b] fluoranthene	11	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [g,h,i] perylene	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [k] fluoranthene	11	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chyrsene	4	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenze [a,h] anthracene	1,650,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	19,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	3,650	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno [1,2,3-cd] pyrene	32	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	2,180	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	6,650	ND	ND	ND	ND	ND	ND	190	ND	ND
Bis(2-ethylhexyl)phthalate	4,350	ND	ND	ND	**6,400**	ND	ND	ND	ND	ND
Di-n-octylphthalate	1,200	ND	ND	ND	ND	990	ND	ND	ND	ND

Guidance value is the NYSDEC Soil Cleanup Objective based on NYSDEC's TAGM 4046, dated January 24, 1994, revised August 22, 2001.
NS – Not Sampled
ND – Not detected above laboratory's minimum detection limit

Groundwater Sampling Results Tables

TABLE - 1
Soil Analytical Results (ppb)

Parameter	TAGM 4046	MW-12	MW-13	MW-14	MW-15	MW-16	ASR-11		ASR-12	
VOCs (ug/kg)		**8-10ft**	**8-10ft**	**8-10ft**	**8-10ft**	**8-10ft**	**5-10ft**	**10-15ft**	**5-10ft**	**10-15ft**
1,2,4-Trimethylbenzene	130	73	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	33	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	55	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	23	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	12	ND	ND	ND	ND	ND	ND	ND	ND	ND
MTBE	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	120	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	37	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	12	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	15	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (ug/kg)										
Acenaphthene	920	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	7,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [a] anthracene	28	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [a] pyrene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [b] fluoranthene	11	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [g,h,i] perylene	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [k] fluoranthene	11	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chyrsene	4	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenze [a,h] anthracene	1,650,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	19,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	3,650	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno [1,2,3-cd] pyrene	32	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	2,180	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	6,650	ND	ND	ND	ND	ND	ND	190	ND	ND
Bis(2-ethylhexyl)phthalate	4,350	ND	ND	ND	**6,400**	ND	ND	ND	ND	ND
Di-n-octylphthalate	1,200	ND	ND	ND	ND	990	ND	ND	ND	ND

Guidance value is the NYSDEC Soil Cleanup Objective based on NYSDEC's TAGM 4046, dated January 24, 1994, revised August 22, 2001.
NS – Not Sampled
ND – Not detected above laboratory's minimum detection limit

TABLE - 2
Groundwater Sampling Results Data

Parameter	TOGS 1.1.1	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10
VOCs (ug/L)											
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	**6**	**11**	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	**11**	ND
Isopropylbenzene	5	5	ND	ND	ND	ND	ND	ND	ND	**8**	ND
m,p-Xylenes	10	ND	ND	ND	ND	ND	ND	ND	ND	**11**	ND
MTBE	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	**75**	ND	ND	ND	8	ND	ND	ND	**71**	ND
n-Butylbenzene	5	**6**	ND	ND	ND	ND	ND	ND	ND	**6**	ND
n-Propylbenzene	5	**7**	ND	ND	ND	ND	ND	ND	ND	**10**	ND
o-Xylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	5	**9**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (ug/L)											
Acenaphthene	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [a] anthracene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [a] pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [b] fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [g,h,i] perylene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [k] fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chyrsene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenze [a,h] anthracene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	50	**75**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno [1,2,3-cd] pyrene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	**99**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	**110**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	5	ND	**60**	**31**	**120,000**	**780,000**	**1,300,000**	**370,000**	**89**	ND	**6**
Di-n-octylphthalate	50	ND	ND	ND	**160,000**	**90,000**	ND	ND	ND	ND	ND

Guidance value is the NYSDEC Groundwater Quality Standards based on NYSDEC's TOGS 1.1.1, dated October 22, 1993, revised June 1998.
NS – Not Sampled
ND – Not detected above laboratory's minimum detection limit.

TABLE - 2
Groundwater Sampling Results Data

Parameter	TOGS 1.1.1	MW-11	MW-12	MW-13	MW-14	ASR-11	ASR-12
VOCs (ug/L)							
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	**2**	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND
m,p-Xylenes	10	ND	ND	ND	ND	ND	ND
MTBE	10	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	**2,300**
n-Butylbenzene	5	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND
o-Xylene	5	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND
SVOCs (ug/L)							
Acenaphthene	20	ND	ND	ND	ND	ND	ND
Anthracene	50	ND	ND	ND	ND	ND	ND
Benzo [a] anthracene	0.002	ND	ND	ND	ND	ND	ND
Benzo [a] pyrene	ND	ND	ND	ND	ND	ND	ND
Benzo [b] fluoranthene	0.002	ND	ND	ND	ND	ND	ND
Benzo [g,h,i] perylene	0.002	ND	ND	ND	ND	ND	ND
Benzo [k] fluoranthene	0.002	ND	ND	ND	ND	ND	ND
Chyrsene	0.002	ND	ND	ND	ND	ND	ND
Dibenze [a,h] anthracene	0.002	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND	ND
Fluorene	50	ND	ND	ND	ND	ND	ND
Indeno [1,2,3-cd] pyrene	0.002	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	**210**
Phenanthrene	50	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	5	ND	**17**	ND	ND	**18**	ND
Di-n-octylphthalate	50	ND	ND	ND	ND	ND	ND

Guidance value is the NYSDEC Groundwater Quality Standards based on NYSDEC's TOGS 1.1.1, dated October 22, 1993, revised June 1998.
NS – Not Sampled
ND – Not detected above laboratory's minimum detection limit.

APPENDIX – A

Figures

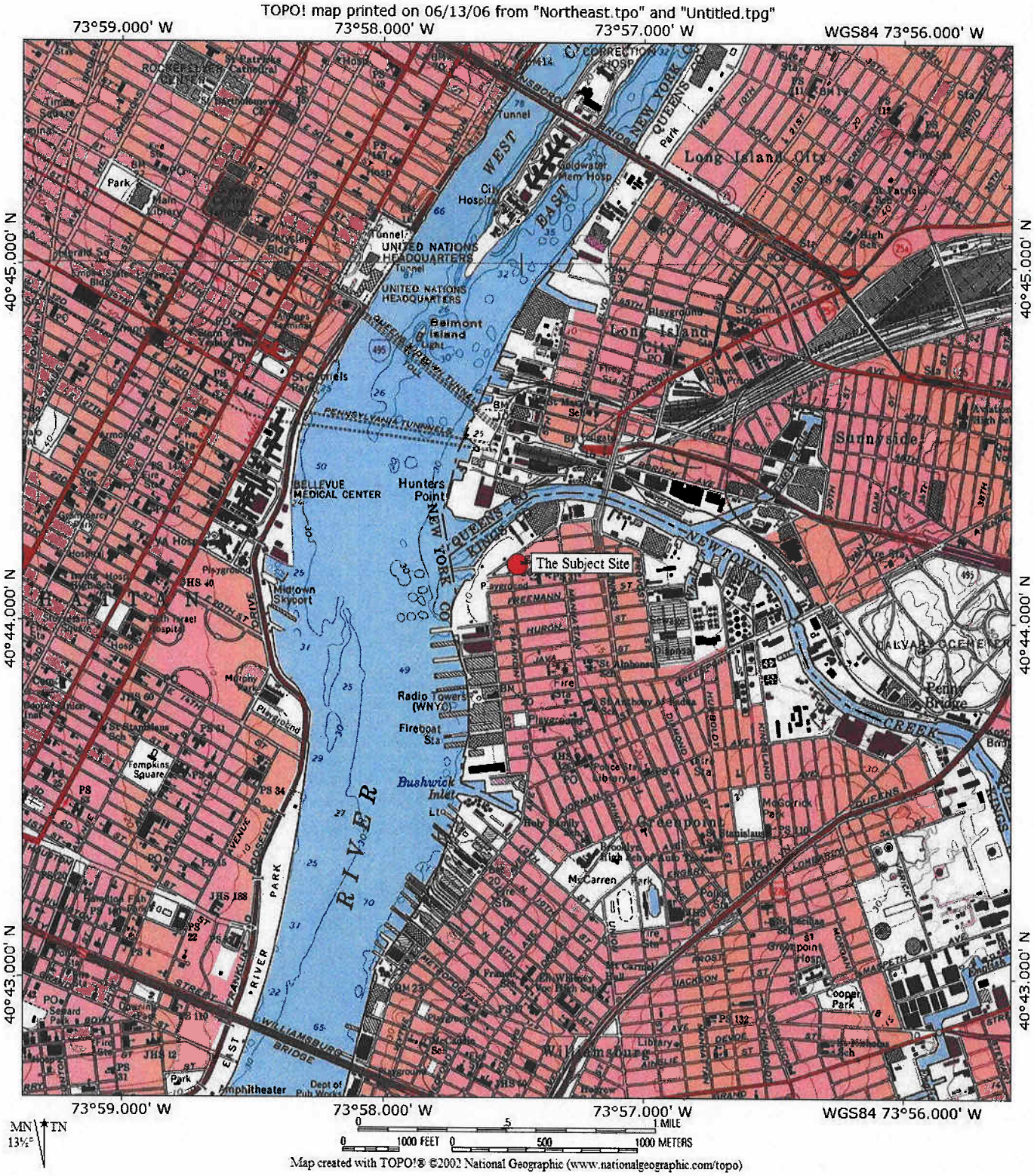

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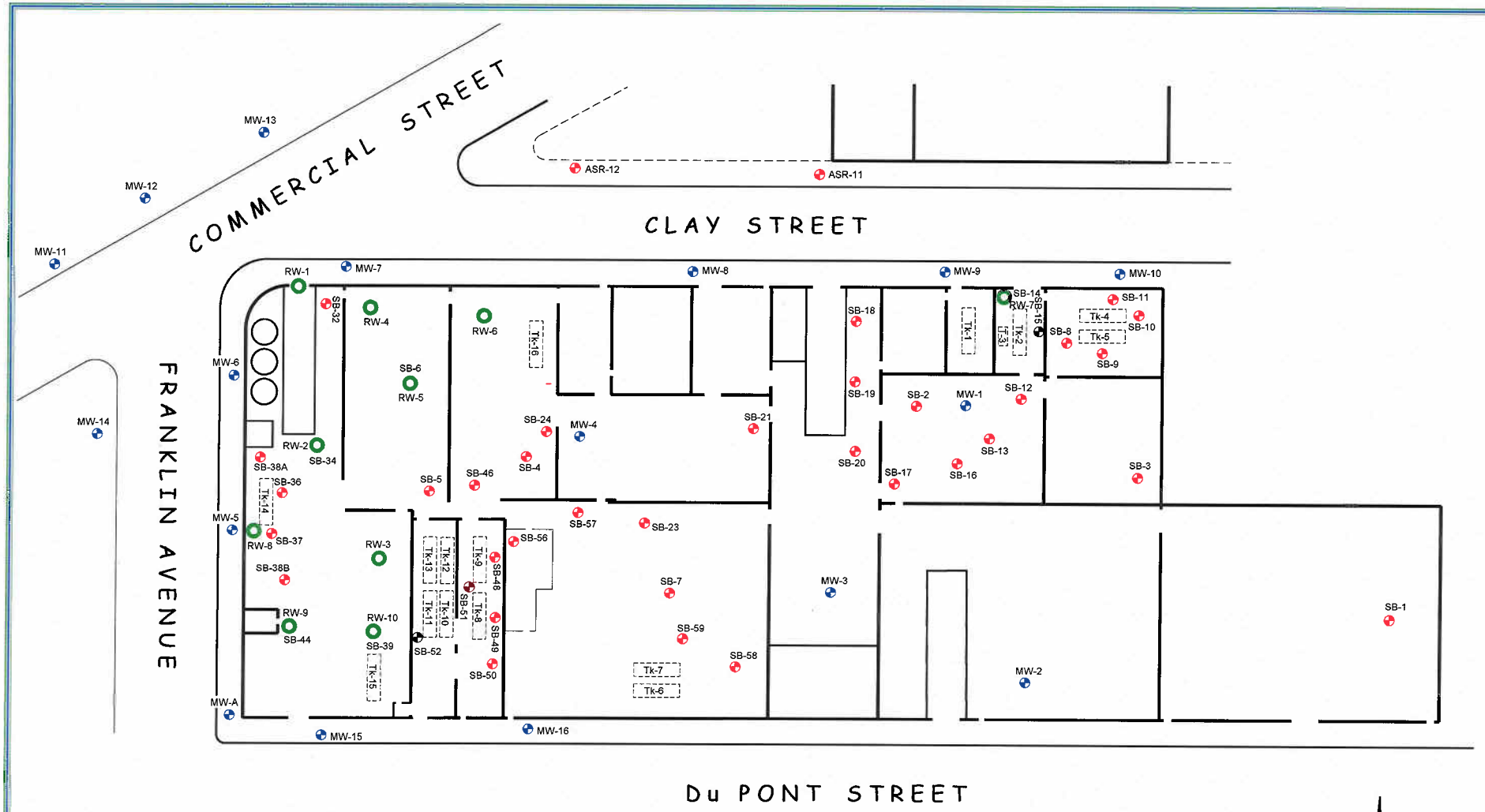
Figure - 1
Site Location Map
49-55 Dupont Street
Brooklyn, New York 11222



MW-2 Location of Groundwater Monitoring Well

SB-22 Location of Geoprobe Soil Boring

RW-3 Location of Product Recovery Wells

North

Not to Scale

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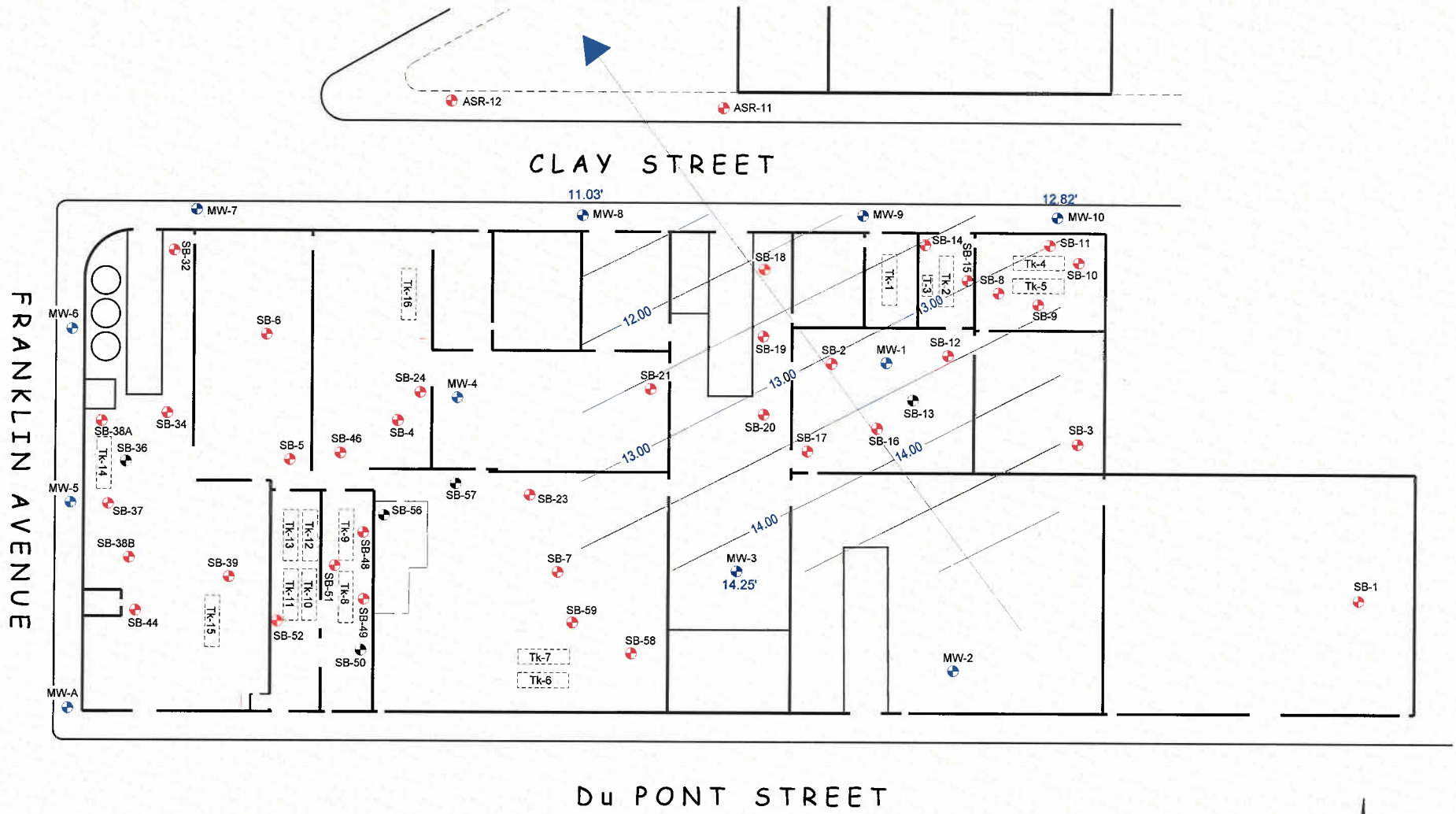
Borehole & Well Location Map
December 2006

SWM

Rev: 12/14/06

NuHart & Company, Inc.
49 - 55 Dupont Street
Brooklyn, New York



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Groundwater Gradient Map
August 1, 2006

SWM

Rev: 08/23/06

NuHart & Company, Inc.
49 - 55 Dupont Street
Brooklyn, New York



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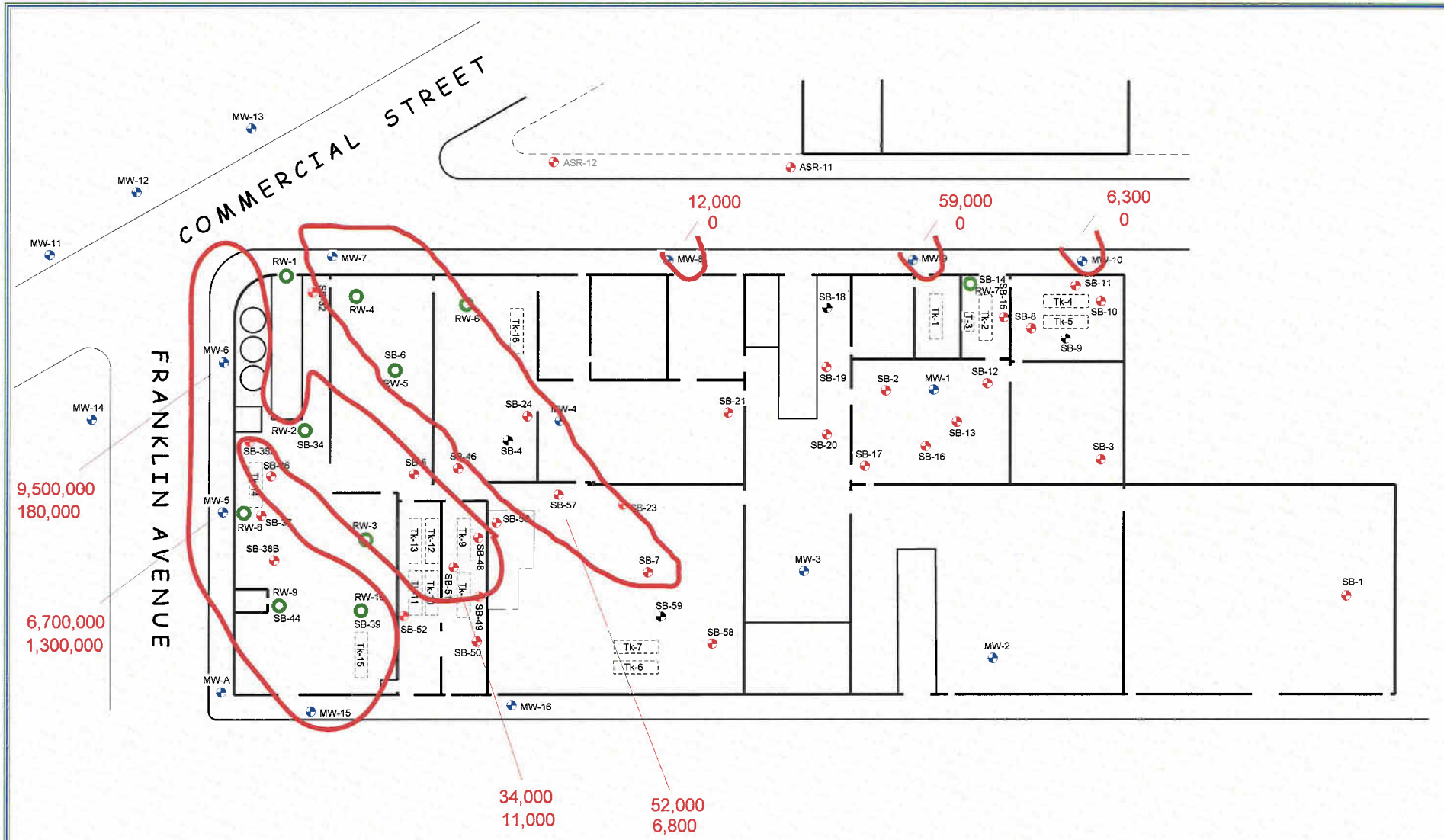
SWM

LNAPL Map
49 - 55 Dupont Street
Brooklyn, New York
April 2007

MW-2 Location of Groundwater Monitoring Well
SB-22 Location of Geoprobe Soil Boring
RW-3 Location of Product Recovery Wells
Area where LNAPL was detected

North

Not to Scale



Total Bis (2-Ethylhexyl) Phthalate
Total Di-n-Octylphthalate

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Phthalates in Soil Exceeding TAGM 4046

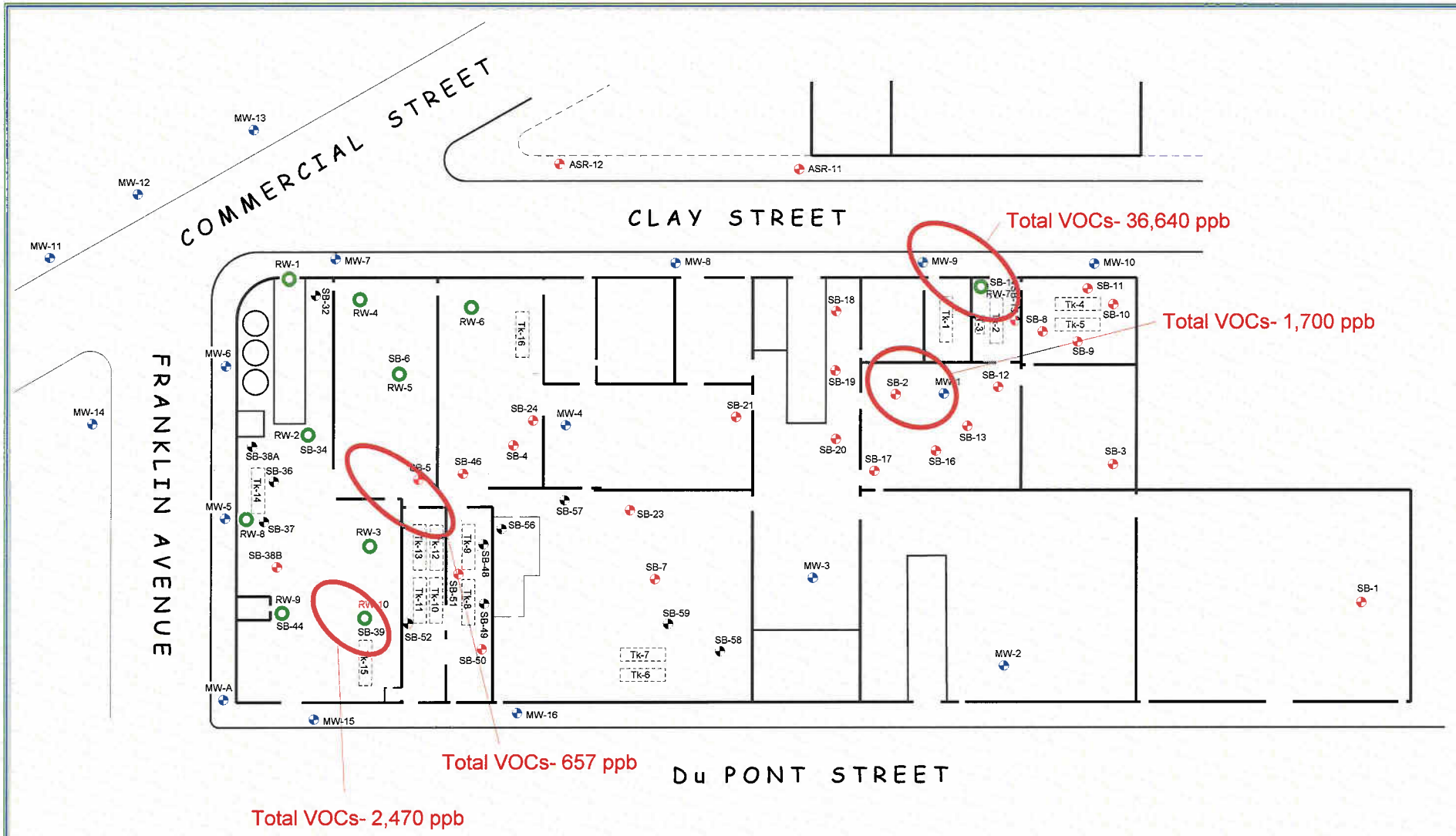
49 - 55 Dupont Street
Brooklyn, New York
April 2007

SWM

MW-2 Location of Groundwater Monitoring Well
SB-22 Location of Geoprobe Soil Boring
RW-3 Location of Product Recovery Wells
Area where Bis (2-ethylhexyl) phthalate and Di-n-octylphthalate were detected above NYCDEC TAGM 4046

North

Not to Scale



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SWM

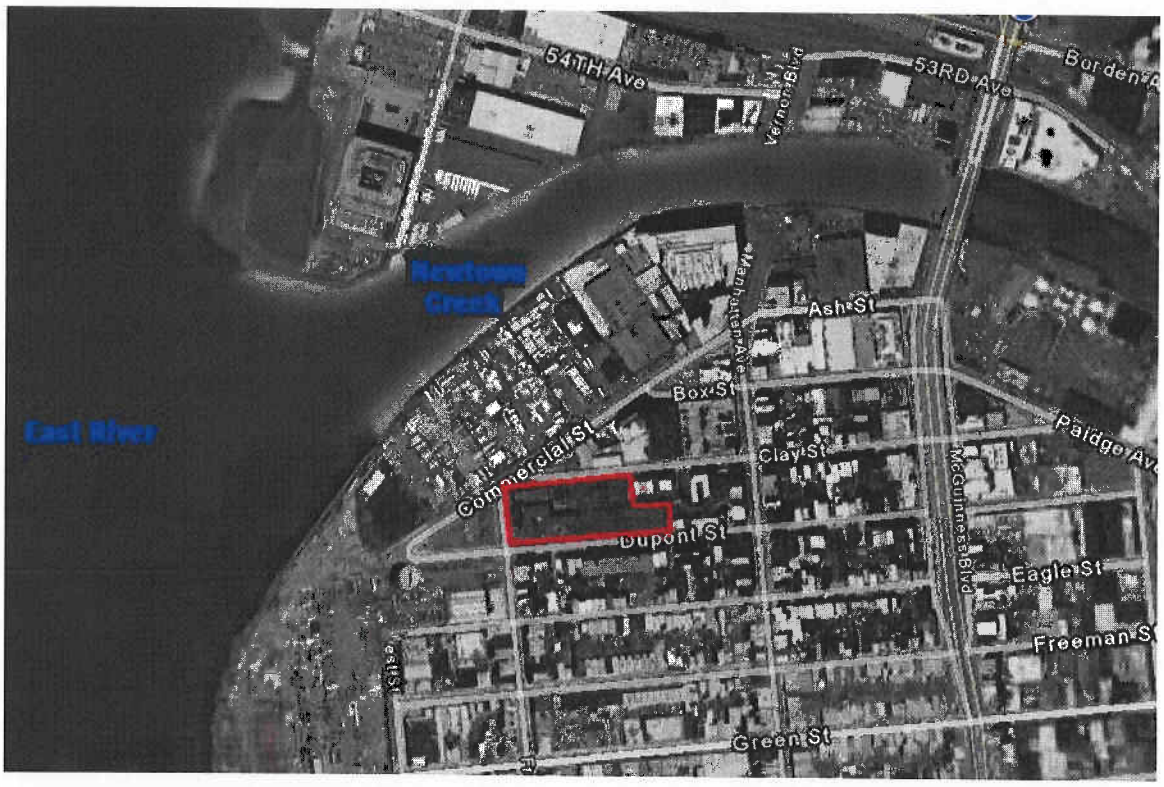
VOCs in Soil Exceeding TAGM 4046
49 - 55 Dupont Street
Brooklyn, New York
April 2007

MW-2 Location of Groundwater Monitoring Well
SB-22 Location of Geoprobe Soil Boring
RW-3 Location of Product Recovery Wells
Area where VOCs detected above NYSDEC TAGM 4046

North
Not to Scale

APPENDIX – B

Site Photographs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53RD Ave
Borden Ave
Newtown Creek
East River
Manhattan Ave
Ash St
Box St
Commercial St
Clay St
Paidge Ave
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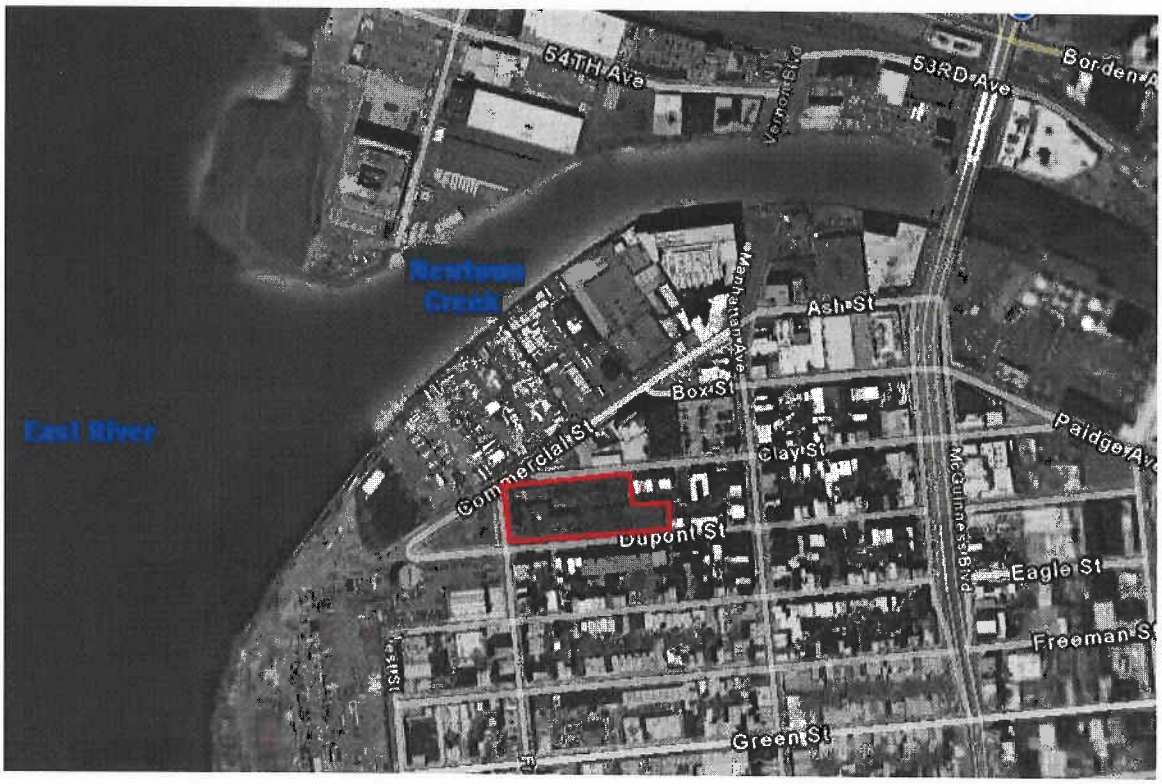
Dupont St
Eagle St
Freeman St
West St
Green St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East River
Manhattan Ave
Ash St
Box St
Commercial St
Clay St
Paidge Ave
McGuinness Blvd
Dupont St
Eagle St
Freeman St
West St
Green St


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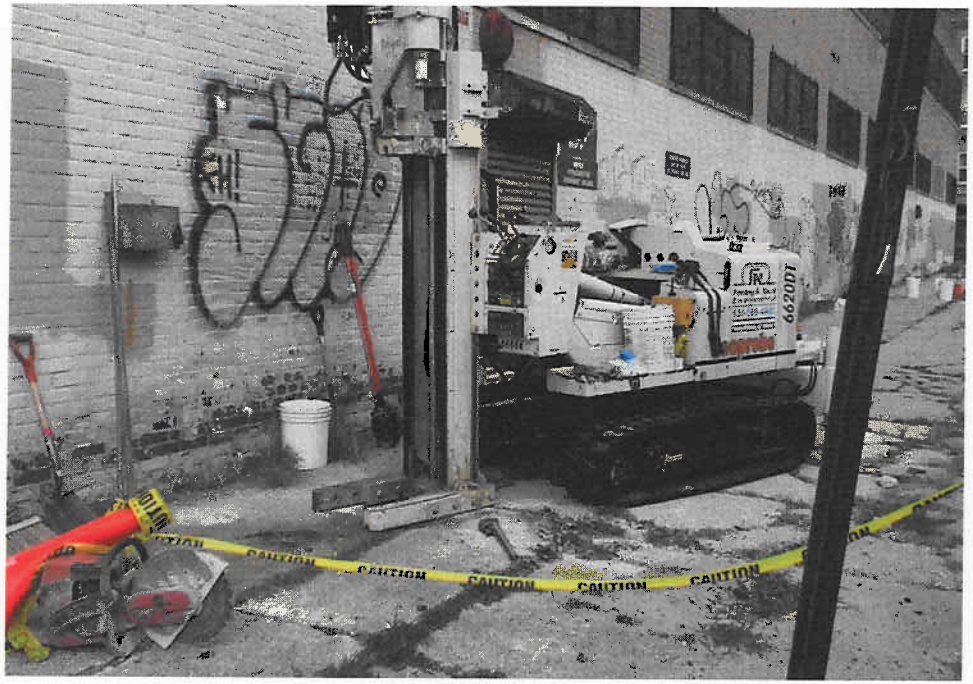
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Geoprobe

APPENDIX - C

Boring Logs

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-1

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **10.83 feet measured on 11/20/2006**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Northeast Section of Building, south of Acetone, Fuel Oil tanks**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
5	10							11/20/2006 ▼			
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-2

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **11.78 feet measured on 05/10/2006**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **South east section of site, away from UST's**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
5	10							05/10/2006 ▼			
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-3

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **9.83 feet measured on 8/1/2006**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Center of property, loading dock area, away from UST's**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
5	10							8/1/2006 ▼			
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-4

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **13.56 feet measured on 11/20/2006**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **North west section of property, in vicinity of Phthalate and Hecla Oil UST's**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
5	10							11/20/2006 ▼			
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-5

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **10.3 feet measured on 11/20/2006**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk along the west side of the property, along Franklin Ave**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			No contamination detected
5	10							11/20/2006 ▼			Minor VOCs detected Phthalates detected @ 8,000,000 ppb
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-6

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **8.85 feet measured on 11/20/2006**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk along the north west side of the property, along Franklin Ave**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			Minor VOCs, Phthalates detected @ 9,500,000 ppb
								11/20/2006 ▼			
5	10										Modeare VOCs, Phthalates detected @ 2,080,000 ppb
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tp]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-7

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **8.8 feet measured on 11/20/2006**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk along the north west side of the property, along Clay Street**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
								11/20/2006 ▼			
5	10										Minor VOCs detected Phthalates detected @1,700,000 ppb
0	15					CL		Silty clays, sandy silt			
								Bottom of Boring at 19 feet bgs			
-5	20										
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-8

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **9.46 feet measured on 08/10/2006**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk along the north side of the property, along Clay Street**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
5	10							08/10/2006 ▼			No VOCs detected Phthalates detected @ 12,000
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-9

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **10.22 feet measured on 08/10/2006**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk along the north east side of the property, along Clay Street**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
5	10							08/10/2006 ▼			Elevated VOCs detected Phthalates detected @ 59,000 ppb SVOCs detected
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-10

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **8.22 feet measured on 08/01/2006**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk along the north east side of the property, along Clay Street**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
								08/01/2006 ▼			
5	10										No VOCs detected Phthalates detected @ 6,300 ppb
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-11

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **7.07 feet measured on 09/19/2006**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk across Commercial Street to the north west of the property**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
								09/19/2006 ▼			SVOCs detected
5	10										
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-12

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **7.1 feet measured on 09/19/2006**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk across Commercial Street to the north west of the property**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
								09/19/2006 ▼			
5	10										No contamination detected
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-13

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **7.16 feet measured on 09/19/2006**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk across Commercial Street to the north west of the property**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
								09/19/2006 ▼			
5	10										No contamination detected
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-14

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **8.11 feet measured on 09/19/2006**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk across Franklin Street to the west of the property**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
								09/19/2006 ▼			
5	10										No contamination detected
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-15

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk, along the Dupont Street, along the south west section of the site**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			Phthalates detected
5	10										
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-16

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk, along the Dupont Street, along the south west section of the site**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			No contamination detected
5	10										Minor VOCs detected Phthalates detected @ 8,000,000 ppb
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring RW-1

Sheet 1 of 1

Date(s) Drilled **October 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Truck Mounted**	Drill Bit Size/Type **6 5/8 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Aggressive Environmental Inc.**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Northwest corner of the subject site**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GW		cocrete, rocks and pebbles			
10	5					CL-ML		very fine silty sand			
5	10										
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring RW-2

Sheet 1 of 1

Date(s) Drilled **October 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Truck Mounted**	Drill Bit Size/Type **6 5/8 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Aggressive Environmental Inc.**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Far west side of the site, in the center**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
5	10										
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring RW-3

Sheet 1 of 1

Date(s) Drilled **October 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Truck Mounted**	Drill Bit Size/Type **6 5/8 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Aggressive Environmental Inc.**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **South west section of the site**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GW		cocrete, rocks and pebbles			
10	5					CL-ML		very fine silty sand			
5	10										
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring RW-4

Sheet 1 of 1

Date(s) Drilled **October 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Truck Mounted**	Drill Bit Size/Type **6 5/8 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Aggressive Environmental Inc.**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GW		cocrete, rocks and pebbles			
10	5					CL-ML		very fine silty sand			
5	10										
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring RW-5

Sheet 1 of 1

Date(s) Drilled **December 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **6 5/8 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Longshore Environmental**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **North west section of the subject site**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
5	10										
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring RW-6

Sheet 1 of 1

Date(s) Drilled **December 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **6 5/8 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Longshore Environmental**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **North west section of the subject site**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
5	10										
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring RW-7

Sheet 1 of 1

Date(s) Drilled **December 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **6 5/8 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Longshore Environmental**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **North east section of the subject site, around Acetone, Fuel Oil Tanks**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
5	10										
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10 bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring RW-8

Sheet 1 of 1

Date(s) Drilled **December 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **6 5/8 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Longshore Environmental**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **South west section of the site, to the west of Phthalate & Hecla Oil Tanks**	

Elevation, feet	Depth, feet	USCS Symbol	MATERIAL DESCRIPTION
15	0	GW	cocrete, rocks and pebbles
10	5	CL-ML	very fine silty sand
5	10		
0	15	CL	Silty clays, sandy silt
-5	20		Bottom of Boring at 19 feet bgs
-10	25		
-15	30		

Sample Type | Sample Number | Sampling Resistance, blows/foot | Relative Consistency | Graphic Log | Water Content, % | Well Log | REMARKS AND OTHER TESTS

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring RW-9

Sheet 1 of 1

Date(s) Drilled **December 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **6 5/8 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Longshore Environmental**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **South west section of the site, to the west of Phthalate & Hecla Oil Tanks**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GW		cocrete, rocks and pebbles			
10	5					CL-ML		very fine silty sand			
5	10										
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring RW-10

Sheet 1 of 1

Date(s) Drilled **December 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **6 5/8 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Longshore Environmental**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **South west section of the site, to the west of Phthalate & Hecla Oil Tanks**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GW		cocrete, rocks and pebbles			
10	5					CL		very fine silty sand			
5	10										
0	15					ML		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

APPENDIX - D

Laboratory Analytical Reports

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 5/10/2006
Re: Client Project ID: 49 Dupont
York Project No.: 06050130

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: 5/10/2006
Client Project ID: 49 Dupont
York Project No.: 06050130

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 05/03/06. The project was identifed as your project "49 Dupont ".

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			SB-1/5-10'		SB-2/10-12'	
York Sample ID			06050130-01		06050130-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	500
1,1,1-Trichloroethane			Not detected	10	Not detected	500
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	500
1,1,2-Trichloroethane			Not detected	10	Not detected	500
1,1-Dichloroethane			Not detected	10	Not detected	500
1,1-Dichloroethylene			Not detected	10	Not detected	500
1,1-Dichloropropylene			Not detected	10	Not detected	500
1,2,3-Trichlorobenzene			Not detected	10	Not detected	500
1,2,3-Trichloropropane			Not detected	10	Not detected	500
1,2,3-Trimethylbenzene			Not detected	10	Not detected	500
1,2,4-Trichlorobenzene			Not detected	10	Not detected	500
1,2,4-Trimethylbenzene			Not detected	10	1700	500
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	500
1,2-Dibromoethane			Not detected	10	Not detected	500
1,2-Dichlorobenzene			Not detected	10	Not detected	500
1,2-Dichloroethane			Not detected	10	Not detected	500

YORK

Client Sample ID			SB-1/5-10'		SB-2/10-12'	
York Sample ID			06050130-01		06050130-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	500
1,2-Dichloropropane			Not detected	10	Not detected	500
1,3,5-Trimethylbenzene			Not detected	10	Not detected	500
1,3-Dichlorobenzene			Not detected	10	Not detected	500
1,3-Dichloropropane			Not detected	10	Not detected	500
1,4-Dichlorobenzene			Not detected	10	Not detected	500
1-Chlorohexane			Not detected	10	Not detected	500
2,2-Dichloropropane			Not detected	10	Not detected	500
2-Chlorotoluene			Not detected	10	Not detected	500
4-Chlorotoluene			Not detected	10	Not detected	500
Benzene			Not detected	10	Not detected	500
Bromobenzene			Not detected	10	Not detected	500
Bromochloromethane			Not detected	10	Not detected	500
Bromodichloromethane			Not detected	10	Not detected	500
Bromoform			Not detected	10	Not detected	500
Bromomethane			Not detected	10	Not detected	500
Carbon tetrachloride			Not detected	10	Not detected	500
Chlorobenzene			Not detected	10	Not detected	500
Chloroethane			Not detected	10	Not detected	500
Chloroform			Not detected	10	Not detected	500
Chloromethane			Not detected	10	Not detected	500
cis-1,3-Dichloropropylene			Not detected	10	Not detected	500
Dibromochloromethane			Not detected	10	Not detected	500
Dibromomethane			Not detected	10	Not detected	500
Dichlorodifluoromethane			Not detected	10	Not detected	500
Ethylbenzene			Not detected	10	Not detected	500
Hexachlorobutadiene			Not detected	10	Not detected	500
Isopropylbenzene			Not detected	10	Not detected	500
Methylene chloride			Not detected	10	Not detected	500
MTBE			Not detected	10	Not detected	500
Naphthalene			Not detected	10	Not detected	500
n-Butylbenzene			Not detected	10	Not detected	500
n-Propylbenzene			Not detected	10	Not detected	500
o-Xylene			Not detected	10	Not detected	500
p- & m-Xylenes			Not detected	10	Not detected	500
p-Isopropyltoluene			Not detected	10	Not detected	500
sec-Butylbenzene			Not detected	10	Not detected	500
Styrene			Not detected	10	Not detected	500
tert-Butylbenzene			Not detected	10	Not detected	500
Tetrachloroethylene			Not detected	10	Not detected	500
Toluene			Not detected	10	Not detected	500
trans-1,3-Dichloropropylene			Not detected	10	Not detected	500
Trichloroethylene			Not detected	10	Not detected	500
Trichlorofluoromethane			Not detected	10	Not detected	500
Vinyl chloride			Not detected	10	Not detected	500
BNA-8270 List	SW846-8270C	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	330
1,2-Dichlorobenzene			Not detected	165	Not detected	330
1,3-Dichlorobenzene			Not detected	165	Not detected	330
1,4-Dichlorobenzene			Not detected	165	Not detected	330
2,4,5-Trichlorophenol			Not detected	165	Not detected	330

YORK

Client Sample ID			SB-1/5-10'		SB-2/10-12'	
York Sample ID			06050130-01		06050130-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
2,4,6-Trichlorophenol			Not detected	165	Not detected	330
2,4-Dichlorophenol			Not detected	165	Not detected	330
2,4-Dimethylphenol			Not detected	165	Not detected	330
2,4-Dinitrophenol			Not detected	165	Not detected	330
2,4-Dinitrotoluene			Not detected	165	Not detected	330
2,6-Dinitrotoluene			Not detected	165	Not detected	330
2-Chloronaphthalene			Not detected	165	Not detected	330
2-Chlorophenol			Not detected	165	Not detected	330
2-Methylnaphthalene			Not detected	165	Not detected	330
2-Methylphenol			Not detected	165	Not detected	330
2-Nitroaniline			Not detected	165	Not detected	330
2-Nitrophenol			Not detected	165	Not detected	330
3,3'-Dichlorobenzidine			Not detected	165	Not detected	330
3-Methylphenol			Not detected	165	Not detected	330
3-Nitroaniline			Not detected	165	Not detected	330
4,6-Dinitro-2-methylphenol			Not detected	165	Not detected	330
4-Bromophenyl phenyl ether			Not detected	165	Not detected	330
4-Chloro-3-methyl phenol			Not detected	165	Not detected	330
4-Chloroaniline			Not detected	165	Not detected	330
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	330
4-Methylphenol			Not detected	165	Not detected	330
4-Nitroaniline			Not detected	165	Not detected	330
4-Nitrophenol			Not detected	165	Not detected	330
Acenaphthene			Not detected	165	Not detected	330
Acenaphthylene			Not detected	165	Not detected	330
Aniline			Not detected	165	Not detected	330
Anthracene			Not detected	165	Not detected	330
Benzidine			Not detected	165	Not detected	330
Benzo(a)anthracene			Not detected	165	Not detected	330
Benzo(a)pyrene			Not detected	165	Not detected	330
Benzo(b)fluoranthene			Not detected	165	Not detected	330
Benzo(g,h,i)perylene			Not detected	165	Not detected	330
Benzo(k)fluoranthene			Not detected	165	Not detected	330
Benzyl alcohol			Not detected	165	Not detected	330
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	330
Bis(2-chloroethyl)ether			Not detected	165	Not detected	330
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	330
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	330
Butyl benzyl phthalate			Not detected	165	Not detected	330
Chrysene			Not detected	165	Not detected	330
Dibenz(a,h)anthracene			Not detected	165	Not detected	330
Dibenzofuran			Not detected	165	Not detected	330
Diethylphthalate			Not detected	165	Not detected	330
Dimethylphthalate			Not detected	165	Not detected	330
Di-n-butylphthalate			Not detected	165	Not detected	330
Di-n-octylphthalate			Not detected	165	Not detected	330
Fluoranthene			Not detected	165	Not detected	330
Fluorene			Not detected	165	Not detected	330
Hexachlorobenzene			Not detected	165	Not detected	330
Hexachlorobutadiene			Not detected	165	Not detected	330
Hexachlorocyclopentadiene			Not detected	165	Not detected	330

YORK

Client Sample ID			SB-1/5-10'		SB-2/10-12'	
York Sample ID			06050130-01		06050130-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Hexachloroethane			Not detected	165	Not detected	330
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	330
Isophorone			Not detected	165	Not detected	330
Naphthalene			Not detected	165	Not detected	330
Nitrobenzene			Not detected	165	Not detected	330
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	330
N-Nitrosodiphenylamine			Not detected	165	Not detected	330
Pentachlorophenol			Not detected	165	Not detected	330
Phenanthrene			Not detected	165	Not detected	330
Phenol			Not detected	165	Not detected	330
Pyrene			Not detected	165	Not detected	330
Pyridine			Not detected	165	Not detected	330

Client Sample ID			SB-3/5-10'		SB-4/13-15'	
York Sample ID			06050130-03		06050130-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	130
1,1,1-Trichloroethane			Not detected	10	Not detected	130
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	130
1,1,2-Trichloroethane			Not detected	10	Not detected	130
1,1-Dichloroethane			Not detected	10	Not detected	130
1,1-Dichloroethylene			Not detected	10	Not detected	130
1,1-Dichloropropylene			Not detected	10	Not detected	130
1,2,3-Trichlorobenzene			Not detected	10	Not detected	130
1,2,3-Trichloropropane			Not detected	10	Not detected	130
1,2,3-Trimethylbenzene			Not detected	10	Not detected	130
1,2,4-Trichlorobenzene			Not detected	10	Not detected	130
1,2,4-Trimethylbenzene			Not detected	10	Not detected	130
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	130
1,2-Dibromoethane			Not detected	10	Not detected	130
1,2-Dichlorobenzene			Not detected	10	Not detected	130
1,2-Dichloroethane			Not detected	10	Not detected	130
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	130
1,2-Dichloropropane			Not detected	10	Not detected	130
1,3,5-Trimethylbenzene			Not detected	10	Not detected	130
1,3-Dichlorobenzene			Not detected	10	Not detected	130
1,3-Dichloropropane			Not detected	10	Not detected	130
1,4-Dichlorobenzene			Not detected	10	Not detected	130
1-Chlorohexane			Not detected	10	Not detected	130
2,2-Dichloropropane			Not detected	10	Not detected	130
2-Chlorotoluene			Not detected	10	Not detected	130
4-Chlorotoluene			Not detected	10	Not detected	130
Benzene			Not detected	10	Not detected	130
Bromobenzene			Not detected	10	Not detected	130
Bromochloromethane			Not detected	10	Not detected	130
Bromodichloromethane			Not detected	10	Not detected	130
Bromoform			Not detected	10	Not detected	130

YORK

Client Sample ID			SB-3/5-10'		SB-4/13-15'	
York Sample ID			06050130-03		06050130-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromomethane			Not detected	10	Not detected	130
Carbon tetrachloride			Not detected	10	Not detected	130
Chlorobenzene			Not detected	10	Not detected	130
Chloroethane			Not detected	10	Not detected	130
Chloroform			Not detected	10	Not detected	130
Chloromethane			Not detected	10	Not detected	130
cis-1,3-Dichloropropylene			Not detected	10	Not detected	130
Dibromochloromethane			Not detected	10	Not detected	130
Dibromomethane			Not detected	10	Not detected	130
Dichlorodifluoromethane			Not detected	10	Not detected	130
Ethylbenzene			Not detected	10	Not detected	130
Hexachlorobutadiene			Not detected	10	Not detected	130
Isopropylbenzene			Not detected	10	Not detected	130
Methylene chloride			Not detected	10	Not detected	130
MTBE			Not detected	10	Not detected	130
Naphthalene			Not detected	10	Not detected	130
n-Butylbenzene			Not detected	10	Not detected	130
n-Propylbenzene			Not detected	10	Not detected	130
o-Xylene			Not detected	10	Not detected	130
p- & m-Xylenes			Not detected	10	Not detected	130
p-Isopropyltoluene			Not detected	10	Not detected	130
sec-Butylbenzene			Not detected	10	Not detected	130
Styrene			Not detected	10	Not detected	130
tert-Butylbenzene			Not detected	10	Not detected	130
Tetrachloroethylene			Not detected	10	Not detected	130
Toluene			Not detected	10	Not detected	130
trans-1,3-Dichloropropylene			Not detected	10	Not detected	130
Trichloroethylene			Not detected	10	Not detected	130
Trichlorofluoromethane			Not detected	10	Not detected	130
Vinyl chloride			Not detected	10	Not detected	130
BNA-8270 List	SW846-8270C	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	17000
1,2-Dichlorobenzene			Not detected	165	Not detected	17000
1,3-Dichlorobenzene			Not detected	165	Not detected	17000
1,4-Dichlorobenzene			Not detected	165	Not detected	17000
2,4,5-Trichlorophenol			Not detected	165	Not detected	17000
2,4,6-Trichlorophenol			Not detected	165	Not detected	17000
2,4-Dichlorophenol			Not detected	165	Not detected	17000
2,4-Dimethylphenol			Not detected	165	Not detected	17000
2,4-Dinitrophenol			Not detected	165	Not detected	17000
2,4-Dinitrotoluene			Not detected	165	Not detected	17000
2,6-Dinitrotoluene			Not detected	165	Not detected	17000
2-Chloronaphthalene			Not detected	165	Not detected	17000
2-Chlorophenol			Not detected	165	Not detected	17000
2-Methylnaphthalene			Not detected	165	Not detected	17000
2-Methylphenol			Not detected	165	Not detected	17000
2-Nitroaniline			Not detected	165	Not detected	17000
2-Nitrophenol			Not detected	165	Not detected	17000
3,3'-Dichlorobenzidine			Not detected	165	Not detected	17000
3-Methylphenol			Not detected	165	Not detected	17000
3-Nitroaniline			Not detected	165	Not detected	17000

YORK

Client Sample ID			SB-3/5-10'		SB-4/13-15'	
York Sample ID			06050130-03		06050130-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
4,6-Dinitro-2-methylphenol			Not detected	165	Not detected	17000
4-Bromophenyl phenyl ether			Not detected	165	Not detected	17000
4-Chloro-3-methyl phenol			Not detected	165	Not detected	17000
4-Chloroaniline			Not detected	165	Not detected	17000
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	17000
4-Methylphenol			Not detected	165	Not detected	17000
4-Nitroaniline			Not detected	165	Not detected	17000
4-Nitrophenol			Not detected	165	Not detected	17000
Acenaphthene			Not detected	165	Not detected	17000
Acenaphthylene			Not detected	165	Not detected	17000
Aniline			Not detected	165	Not detected	17000
Anthracene			Not detected	165	Not detected	17000
Benzidine			Not detected	165	Not detected	17000
Benzo(a)anthracene			Not detected	165	Not detected	17000
Benzo(a)pyrene			Not detected	165	Not detected	17000
Benzo(b)fluoranthene			Not detected	165	Not detected	17000
Benzo(g,h,i)perylene			Not detected	165	Not detected	17000
Benzo(k)fluoranthene			Not detected	165	Not detected	17000
Benzyl alcohol			Not detected	165	Not detected	17000
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	17000
Bis(2-chloroethyl)ether			Not detected	165	Not detected	17000
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	17000
Bis(2-ethylhexyl)phthalate			190	165	140000	17000
Butyl benzyl phthalate			Not detected	165	Not detected	17000
Chrysene			Not detected	165	Not detected	17000
Dibenz(a,h)anthracene			Not detected	165	Not detected	17000
Dibenzofuran			Not detected	165	Not detected	17000
Diethylphthalate			Not detected	165	Not detected	17000
Dimethylphthalate			Not detected	165	Not detected	17000
Di-n-butylphthalate			Not detected	165	Not detected	17000
Di-n-octylphthalate			Not detected	165	200000	17000
Fluoranthene			Not detected	165	Not detected	17000
Fluorene			Not detected	165	Not detected	17000
Hexachlorobenzene			Not detected	165	Not detected	17000
Hexachlorobutadiene			Not detected	165	Not detected	17000
Hexachlorocyclopentadiene			Not detected	165	Not detected	17000
Hexachloroethane			Not detected	165	Not detected	17000
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	17000
Isophorone			Not detected	165	Not detected	17000
Naphthalene			Not detected	165	Not detected	17000
Nitrobenzene			Not detected	165	Not detected	17000
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	17000
N-Nitrosodiphenylamine			Not detected	165	Not detected	17000
Pentachlorophenol			Not detected	165	Not detected	17000
Phenanthrene			Not detected	165	Not detected	17000
Phenol			Not detected	165	Not detected	17000
Pyrene			Not detected	165	Not detected	17000
Pyridine			Not detected	165	Not detected	17000

YORK

Client Sample ID			SB-5/10-12'		SB-6/14-16'	
York Sample ID			06050130-05		06050130-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	25	Not detected	130
1,1,1-Trichloroethane			Not detected	25	Not detected	130
1,1,2,2-Tetrachloroethane			Not detected	25	Not detected	130
1,1,2-Trichloroethane			Not detected	25	Not detected	130
1,1-Dichloroethane			Not detected	25	Not detected	130
1,1-Dichloroethylene			Not detected	25	Not detected	130
1,1-Dichloropropylene			Not detected	25	Not detected	130
1,2,3-Trichlorobenzene			Not detected	25	Not detected	130
1,2,3-Trichloropropane			Not detected	25	Not detected	130
1,2,3-Trimethylbenzene			Not detected	25	Not detected	130
1,2,4-Trichlorobenzene			Not detected	25	Not detected	130
1,2,4-Trimethylbenzene			260	25	Not detected	130
1,2-Dibromo-3-chloropropane			Not detected	25	Not detected	130
1,2-Dibromoethane			Not detected	25	Not detected	130
1,2-Dichlorobenzene			Not detected	25	Not detected	130
1,2-Dichloroethane			Not detected	25	Not detected	130
1,2-Dichloroethylene (Total)			Not detected	25	Not detected	130
1,2-Dichloropropane			Not detected	25	Not detected	130
1,3,5-Trimethylbenzene			100	25	Not detected	130
1,3-Dichlorobenzene			Not detected	25	Not detected	130
1,3-Dichloropropane			Not detected	25	Not detected	130
1,4-Dichlorobenzene			Not detected	25	Not detected	130
1-Chlorohexane			Not detected	25	Not detected	130
2,2-Dichloropropane			Not detected	25	Not detected	130
2-Chlorotoluene			Not detected	25	Not detected	130
4-Chlorotoluene			Not detected	25	Not detected	130
Benzene			Not detected	25	Not detected	130
Bromobenzene			Not detected	25	Not detected	130
Bromochloromethane			Not detected	25	Not detected	130
Bromodichloromethane			Not detected	25	Not detected	130
Bromoform			Not detected	25	Not detected	130
Bromomethane			Not detected	25	Not detected	130
Carbon tetrachloride			Not detected	25	Not detected	130
Chlorobenzene			Not detected	25	Not detected	130
Chloroethane			Not detected	25	Not detected	130
Chloroform			Not detected	25	Not detected	130
Chloromethane			Not detected	25	Not detected	130
cis-1,3-Dichloropropylene			Not detected	25	Not detected	130
Dibromochloromethane			Not detected	25	Not detected	130
Dibromomethane			Not detected	25	Not detected	130
Dichlorodifluoromethane			Not detected	25	Not detected	130
Ethylbenzene			Not detected	25	Not detected	130
Hexachlorobutadiene			Not detected	25	Not detected	130
Isopropylbenzene			Not detected	25	Not detected	130
Methylene chloride			Not detected	25	Not detected	130
MTBE			Not detected	25	Not detected	130
Naphthalene			70	25	Not detected	130
n-Butylbenzene			56	25	Not detected	130
n-Propylbenzene			35	25	Not detected	130
o-Xylene			Not detected	25	Not detected	130

YORK

Client Sample ID			SB-5/10-12'		SB-6/14-16'	
York Sample ID			06050130-05		06050130-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
p- & m-Xylenes			45	25	Not detected	130
p-Isopropyltoluene			37	25	Not detected	130
sec-Butylbenzene			Not detected	25	Not detected	130
Styrene			Not detected	25	Not detected	130
tert-Butylbenzene			Not detected	25	Not detected	130
Tetrachloroethylene			Not detected	25	Not detected	130
Toluene			54	25	Not detected	130
trans-1,3-Dichloropropylene			Not detected	25	Not detected	130
Trichloroethylene			Not detected	25	Not detected	130
Trichlorofluoromethane			Not detected	25	Not detected	130
Vinyl chloride			Not detected	25	Not detected	130
BNA-8270 List	SW846-8270C	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	83000	Not detected	830000
1,2-Dichlorobenzene			Not detected	83000	Not detected	830000
1,3-Dichlorobenzene			Not detected	83000	Not detected	830000
1,4-Dichlorobenzene			Not detected	83000	Not detected	830000
2,4,5-Trichlorophenol			Not detected	83000	Not detected	830000
2,4,6-Trichlorophenol			Not detected	83000	Not detected	830000
2,4-Dichlorophenol			Not detected	83000	Not detected	830000
2,4-Dimethylphenol			Not detected	83000	Not detected	830000
2,4-Dinitrophenol			Not detected	83000	Not detected	830000
2,4-Dinitrotoluene			Not detected	83000	Not detected	830000
2,6-Dinitrotoluene			Not detected	83000	Not detected	830000
2-Chloronaphthalene			Not detected	83000	Not detected	830000
2-Chlorophenol			Not detected	83000	Not detected	830000
2-Methylnaphthalene			Not detected	83000	Not detected	830000
2-Methylphenol			Not detected	83000	Not detected	830000
2-Nitroaniline			Not detected	83000	Not detected	830000
2-Nitrophenol			Not detected	83000	Not detected	830000
3,3'-Dichlorobenzidine			Not detected	83000	Not detected	830000
3-Methylphenol			Not detected	83000	Not detected	830000
3-Nitroaniline			Not detected	83000	Not detected	830000
4,6-Dinitro-2-methylphenol			Not detected	83000	Not detected	830000
4-Bromophenyl phenyl ether			Not detected	83000	Not detected	830000
4-Chloro-3-methyl phenol			Not detected	83000	Not detected	830000
4-Chloroaniline			Not detected	83000	Not detected	830000
4-Chlorophenyl phenyl ether			Not detected	83000	Not detected	830000
4-Methylphenol			Not detected	83000	Not detected	830000
4-Nitroaniline			Not detected	83000	Not detected	830000
4-Nitrophenol			Not detected	83000	Not detected	830000
Acenaphthene			Not detected	83000	Not detected	830000
Acenaphthylene			Not detected	83000	Not detected	830000
Aniline			Not detected	83000	Not detected	830000
Anthracene			Not detected	83000	Not detected	830000
Benzidine			Not detected	83000	Not detected	830000
Benzo(a)anthracene			Not detected	83000	Not detected	830000
Benzo(a)pyrene			Not detected	83000	Not detected	830000
Benzo(b)fluoranthene			Not detected	83000	Not detected	830000
Benzo(g,h,i)perylene			Not detected	83000	Not detected	830000
Benzo(k)fluoranthene			Not detected	83000	Not detected	830000
Benzyl alcohol			Not detected	83000	Not detected	830000

YORK

Client Sample ID			SB-5/10-12'		SB-6/14-16'	
York Sample ID			06050130-05		06050130-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bis(2-chloroethoxy)methane			Not detected	83000	Not detected	830000
Bis(2-chloroethyl)ether			Not detected	83000	Not detected	830000
Bis(2-chloroisopropyl)ether			Not detected	83000	Not detected	830000
Bis(2-ethylhexyl)phthalate			510000	83000	12000000	830000
Butyl benzyl phthalate			Not detected	83000	Not detected	830000
Chrysene			Not detected	83000	Not detected	830000
Dibenz(a,h)anthracene			Not detected	83000	Not detected	830000
Dibenzofuran			Not detected	83000	Not detected	830000
Diethylphthalate			Not detected	83000	Not detected	830000
Dimethylphthalate			Not detected	83000	Not detected	830000
Di-n-butylphthalate			Not detected	83000	Not detected	830000
Di-n-octylphthalate			Not detected	83000	Not detected	830000
Fluoranthene			Not detected	83000	Not detected	830000
Fluorene			Not detected	83000	Not detected	830000
Hexachlorobenzene			Not detected	83000	Not detected	830000
Hexachlorobutadiene			Not detected	83000	Not detected	830000
Hexachlorocyclopentadiene			Not detected	83000	Not detected	830000
Hexachloroethane			Not detected	83000	Not detected	830000
Indeno(1,2,3-cd)pyrene			Not detected	83000	Not detected	830000
Isophorone			Not detected	83000	Not detected	830000
Naphthalene			Not detected	83000	Not detected	830000
Nitrobenzene			Not detected	83000	Not detected	830000
N-Nitrosodi-n-propylamine			Not detected	83000	Not detected	830000
N-Nitrosodiphenylamine			Not detected	83000	Not detected	830000
Pentachlorophenol			Not detected	83000	Not detected	830000
Phenanthrene			Not detected	83000	Not detected	830000
Phenol			Not detected	83000	Not detected	830000
Pyrene			Not detected	83000	Not detected	830000
Pyridine			Not detected	83000	Not detected	830000

Client Sample ID			SB-7/11-13'	
York Sample ID			06050130-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---
1,1,1,2-Tetrachloroethane			Not detected	10
1,1,1-Trichloroethane			Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10
1,1,2-Trichloroethane			Not detected	10
1,1-Dichloroethane			Not detected	10
1,1-Dichloroethylene			Not detected	10
1,1-Dichloropropylene			Not detected	10
1,2,3-Trichlorobenzene			Not detected	10
1,2,3-Trichloropropane			Not detected	10
1,2,3-Trimethylbenzene			Not detected	10
1,2,4-Trichlorobenzene			Not detected	10
1,2,4-Trimethylbenzene			Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10
1,2-Dibromoethane			Not detected	10

YORK

Client Sample ID			SB-7/11-13'	
York Sample ID			06050130-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
1,2-Dichlorobenzene			Not detected	10
1,2-Dichloroethane			Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10
1,2-Dichloropropane			Not detected	10
1,3,5-Trimethylbenzene			Not detected	10
1,3-Dichlorobenzene			Not detected	10
1,3-Dichloropropane			Not detected	10
1,4-Dichlorobenzene			Not detected	10
1-Chlorohexane			Not detected	10
2,2-Dichloropropane			Not detected	10
2-Chlorotoluene			Not detected	10
4-Chlorotoluene			Not detected	10
Benzene			Not detected	10
Bromobenzene			Not detected	10
Bromochloromethane			Not detected	10
Bromodichloromethane			Not detected	10
Bromoform			Not detected	10
Bromomethane			Not detected	10
Carbon tetrachloride			Not detected	10
Chlorobenzene			Not detected	10
Chloroethane			Not detected	10
Chloroform			Not detected	10
Chloromethane			Not detected	10
cis-1,3-Dichloropropylene			Not detected	10
Dibromochloromethane			Not detected	10
Dibromomethane			Not detected	10
Dichlorodifluoromethane			Not detected	10
Ethylbenzene			Not detected	10
Hexachlorobutadiene			Not detected	10
Isopropylbenzene			Not detected	10
Methylene chloride			Not detected	10
MTBE			Not detected	10
Naphthalene			Not detected	10
n-Butylbenzene			Not detected	10
n-Propylbenzene			Not detected	10
o-Xylene			Not detected	10
p- & m-Xylenes			Not detected	10
p-Isopropyltoluene			Not detected	10
sec-Butylbenzene			Not detected	10
Styrene			Not detected	10
tert-Butylbenzene			Not detected	10
Tetrachloroethylene			Not detected	10
Toluene			Not detected	10
trans-1,3-Dichloropropylene			Not detected	10
Trichloroethylene			Not detected	10
Trichlorofluoromethane			Not detected	10
Vinyl chloride			Not detected	10
BNA-8270 List	SW846-8270C	ug/Kg	---	---
1,2,4-Trichlorobenzene			Not detected	330
1,2-Dichlorobenzene			Not detected	330
1,3-Dichlorobenzene			Not detected	330

YORK

Client Sample ID			SB-7/11-13'	
York Sample ID			06050130-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
1,4-Dichlorobenzene			Not detected	330
2,4,5-Trichlorophenol			Not detected	330
2,4,6-Trichlorophenol			Not detected	330
2,4-Dichlorophenol			Not detected	330
2,4-Dimethylphenol			Not detected	330
2,4-Dinitrophenol			Not detected	330
2,4-Dinitrotoluene			Not detected	330
2,6-Dinitrotoluene			Not detected	330
2-Chloronaphthalene			Not detected	330
2-Chlorophenol			Not detected	330
2-Methylnaphthalene			Not detected	330
2-Methylphenol			Not detected	330
2-Nitroaniline			Not detected	330
2-Nitrophenol			Not detected	330
3,3'-Dichlorobenzidine			Not detected	330
3-Methylphenol			Not detected	330
3-Nitroaniline			Not detected	330
4,6-Dinitro-2-methylphenol			Not detected	330
4-Bromophenyl phenyl ether			Not detected	330
4-Chloro-3-methyl phenol			Not detected	330
4-Chloroaniline			Not detected	330
4-Chlorophenyl phenyl ether			Not detected	330
4-Methylphenol			Not detected	330
4-Nitroaniline			Not detected	330
4-Nitrophenol			Not detected	330
Acenaphthene			Not detected	330
Acenaphthylene			Not detected	330
Aniline			Not detected	330
Anthracene			Not detected	330
Benzidine			Not detected	330
Benzo(a)anthracene			Not detected	330
Benzo(a)pyrene			Not detected	330
Benzo(b)fluoranthene			Not detected	330
Benzo(g,h,i)perylene			Not detected	330
Benzo(k)fluoranthene			Not detected	330
Benzyl alcohol			Not detected	330
Bis(2-chloroethoxy)methane			Not detected	330
Bis(2-chloroethyl)ether			Not detected	330
Bis(2-chloroisopropyl)ether			Not detected	330
Bis(2-ethylhexyl)phthalate			6800	330
Butyl benzyl phthalate			Not detected	330
Chrysene			Not detected	330
Dibenz(a,h)anthracene			Not detected	330
Dibenzofuran			Not detected	330
Diethylphthalate			Not detected	330
Dimethylphthalate			Not detected	330
Di-n-butylphthalate			Not detected	330
Di-n-octylphthalate			Not detected	330
Fluoranthene			Not detected	330
Fluorene			Not detected	330
Hexachlorobenzene			Not detected	330

YORK

Client Sample ID			SB-7/11-13'	
York Sample ID			06050130-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Hexachlorobutadiene			Not detected	330
Hexachlorocyclopentadiene			Not detected	330
Hexachloroethane			Not detected	330
Indeno(1,2,3-cd)pyrene			Not detected	330
Isophorone			Not detected	330
Naphthalene			Not detected	330
Nitrobenzene			Not detected	330
N-Nitrosodi-n-propylamine			Not detected	330
N-Nitrosodiphenylamine			Not detected	330
Pentachlorophenol			Not detected	330
Phenanthrene			Not detected	330
Phenol			Not detected	330
Pyrene			Not detected	330
Pyridine			Not detected	330

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. 06050130

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: 5/10/2006

YORK

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Page 2 of ___

0005070

Company Name	Report To:	Invoice To:	Project ID/No:
Advanced Site Restoration 62 William ST NY NY 10005	Steve M.	ASR	49 Dupont

Samples Collected By (Signature)

Anthony Adesso
Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
SB-1	5-10'	5/2/06		X			8260/8270 full	1 8oz 1 4oz
SB-2	10-12'			X				
SB-3	5-10'			X				
SB-4	13-15'			X				
SB-5	10-12'			X				
SB-6	14-16'			X				
SB-7	11-13'			X				

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	5/3/06 Date/Time	Sample Received by	5301 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time

Comments/Special Instructions

Turn-Around Time

___Standard ___RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 6/19/2006
Re: Client Project ID: 49 Dupont St., Bklyn
York Project No.: 06060385

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: 6/19/2006
Client Project ID: 49 Dupont St., Bklyn
York Project No.: 06060385

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 06/12/06. The project was identifed as your project "49 Dupont St., Bklyn."

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			**SB-8**		**SB-9**	
York Sample ID			**06060385-01**		**06060385-02**	
Matrix			**SOIL**		**SOIL**	
Parameter	**Method**	**Units**	**Results**	**MDL**	**Results**	**MDL**
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methyl-tert-butyl ether (MTBE)			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
Total Xylenes			Not detected	10	Not detected	10

YORK

Client Sample ID			SB-8		SB-9	
York Sample ID			06060385-01		06060385-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			280	165	170	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-10		SB-11	
York Sample ID			06060385-03		06060385-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methyl-tert-butyl ether (MTBE)			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
Total Xylenes			Not detected	10	Not detected	10
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	260	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-10		SB-11	
York Sample ID			06060385-03		06060385-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

Client Sample ID			SB-12		SB-13	
York Sample ID			06060385-05		06060385-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methyl-tert-butyl ether (MTBE)			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
Total Xylenes			Not detected	10	Not detected	10
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-12		SB-13	
York Sample ID			06060385-05		06060385-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	370	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

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

YORK

Notes for York Project No. 06060385

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: 6/19/2006

YORK

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

Field Chain-of-Custody Record

Q0060385

Company Name	Report To:	Invoice To:	Project ID/No.
ASR 62 William St NY NY. 10005	Steve	ASR	49 Dupont St Bklyn

Samples Collected By (Signature)

Anthony Adesso
Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
SB-8	8-9'	6-9-06		X			8260 STARS 8270 BN	1 8oz / 4oz
SB-9	8-9'			Y				
SB-10	8'			Y				
SB-11	8'			X				
SB-12	9-10'			X				
SB-13	9-10'			Y				

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	6-12-06 Date/Time	Sample Received by	6/12/06 1130 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	6/12 4:45 Date/Time

Comments/Special Instructions

4.5°C

Turn-Around Time

___Standard ___RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 6/29/2006
Re: Client Project ID: 49 Dupont St., Bklyn
York Project No.: 06060758

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: 6/29/2006
Client Project ID: 49 Dupont St., Bklyn
York Project No.: 06060758

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 06/22/06. The project was identifed as your project "49 Dupont St., Bklyn."

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			**11-12' SB-14**		**12' SB-44**	
York Sample ID			**06060758-01**		**06060758-02**	
Matrix			**SOIL**		**SOIL**	
Parameter	**Method**	**Units**	**Results**	**MDL**	**Results**	**MDL**
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			11000	500	73	50
1,3,5-Trimethylbenzene			2300	500	Not detected	50
Benzene			Not detected	500	Not detected	50
Ethylbenzene			860	500	Not detected	50
Isopropylbenzene			660	500	Not detected	50
Methyl-tert-butyl ether (MTBE)			Not detected	500	Not detected	50
Naphthalene			14000	500	170	50
n-Butylbenzene			2600	500	130	50
n-Propylbenzene			1400	500	58	50
o-Xylene			650	500	Not detected	50
p- & m-Xylenes			2300	500	62	50
p-Isopropyltoluene			990	500	Not detected	50
sec-Butylbenzene			870	500	Not detected	50
tert-Butylbenzene			Not detected	500	Not detected	50
Toluene			Not detected	500	Not detected	50
Total Xylenes			2950	500	62	50
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	4100	Not detected	830000

YORK

Client Sample ID			11-12' SB-14		12' SB-44	
York Sample ID			06060758-01		06060758-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichlorobenzene			Not detected	4100	Not detected	830000
1,3-Dichlorobenzene			Not detected	4100	Not detected	830000
1,4-Dichlorobenzene			Not detected	4100	Not detected	830000
2,4-Dinitrotoluene			Not detected	4100	Not detected	830000
2,6-Dinitrotoluene			Not detected	4100	Not detected	830000
2-Chloronaphthalene			Not detected	4100	Not detected	830000
2-Methylnaphthalene			21000	4100	Not detected	830000
2-Nitroaniline			Not detected	4100	Not detected	830000
3,3'-Dichlorobenzidine			Not detected	4100	Not detected	830000
3-Nitroaniline			Not detected	4100	Not detected	830000
4-Bromophenyl phenyl ether			Not detected	4100	Not detected	830000
4-Chloroaniline			Not detected	4100	Not detected	830000
4-Chlorophenyl phenyl ether			Not detected	4100	Not detected	830000
4-Nitroaniline			Not detected	4100	Not detected	830000
Acenaphthene			Not detected	4100	Not detected	830000
Acenaphthylene			Not detected	4100	Not detected	830000
Anthracene			Not detected	4100	Not detected	830000
Benzo(a)anthracene			Not detected	4100	Not detected	830000
Benzo(a)pyrene			Not detected	4100	Not detected	830000
Benzo(b)fluoranthene			Not detected	4100	Not detected	830000
Benzo(g,h,i)perylene			Not detected	4100	Not detected	830000
Benzo(k)fluoranthene			Not detected	4100	Not detected	830000
Bis(2-chloroethoxy)methane			Not detected	4100	Not detected	830000
Bis(2-chloroethyl)ether			Not detected	4100	Not detected	830000
Bis(2-chloroisopropyl)ether			Not detected	4100	Not detected	830000
Bis(2-ethylhexyl)phthalate			Not detected	4100	20000000	830000
Butyl benzyl phthalate			Not detected	4100	Not detected	830000
Carbazole			Not detected	4100	Not detected	830000
Chrysene			Not detected	4100	Not detected	830000
Dibenzo(a,h)anthracene			Not detected	4100	Not detected	830000
Dibenzofuran			Not detected	4100	Not detected	830000
Diethylphthalate			Not detected	4100	Not detected	830000
Dimethylphthalate			Not detected	4100	Not detected	830000
Di-n-butylphthalate			Not detected	4100	Not detected	830000
Di-n-octylphthalate			Not detected	4100	Not detected	830000
Fluoranthene			Not detected	4100	Not detected	830000
Fluorene			Not detected	4100	Not detected	830000
Hexachlorobenzene			Not detected	4100	Not detected	830000
Hexachlorobutadiene			Not detected	4100	Not detected	830000
Hexachlorocyclopentadiene			Not detected	4100	Not detected	830000
Hexachloroethane			Not detected	4100	Not detected	830000
Indeno(1,2,3-cd)pyrene			Not detected	4100	Not detected	830000
Isophorone			Not detected	4100	Not detected	830000
Naphthalene			4400	4100	Not detected	830000
Nitrobenzene			Not detected	4100	Not detected	830000
N-Nitrosodi-n-propylamine			Not detected	4100	Not detected	830000
N-Nitrosodiphenylamine			Not detected	4100	Not detected	830000
Phenanthrene			7500	4100	Not detected	830000
Pyrene			Not detected	4100	Not detected	830000

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

YORK

Report Date: 6/29/2006
Client Project ID: 49 Dupont St., Bklyn
York Project No.: 06060758

Notes for York Project No. 06060758

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: 6/29/2006

YORK

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

Field Chain-of-Custody Record

0600758

Company Name	Report To:	Invoice To:	Project ID/No.
ASR 62 William St NY NY 10005	Steve M.	ASR	49 DuPont St Bklyn

Samples Collected By (Signature)

Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
~~SB-14~~	11-12' SB-14	6/20/06		X			8270 BN	8oz
SB-14	11-12' SB-14	6/20/06		X			8260 STARS	4oz
~~SB-44~~	12' SB-44	6/21/06		X			8270 BN	8oz
~~SB-44~~	12' SB-44	6/21/06		X			8260 STARS	4oz

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	6/21/06 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time
Sample Received by	1040A Date/Time		
Sample Received in LAB by	6/22 4P Date/Time		

Comments/Special Instructions

Turn-Around Time

____Standard ____RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 6/21/2006
Re: Client Project ID: 49 Dupont St.
York Project No.: 06060481 Revised

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: 6/21/2006
Client Project ID: 49 Dupont St.
York Project No.: 06060481 R

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 06/14/06. The project was identifed as your project "49 Dupont St. ".

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			SB-15		SB-16	
York Sample ID			06060481-01		06060481-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
Acenaphthene			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-15		SB-16	
York Sample ID			06060481-01		06060481-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	300	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

Client Sample ID			SB-17		SB-18	
York Sample ID			06060481-03		06060481-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			290	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-17		SB-18	
York Sample ID			06060481-03		06060481-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
Acenaphthene			580	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			390	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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			340	165	Not detected	165
Fluorene			270	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			1500	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			710	165	Not detected	165
Pyrene			500	165	Not detected	165

Client Sample ID			SB-19		SB-20	
York Sample ID			06060481-05		06060481-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-19		SB-20	
York Sample ID			06060481-05		06060481-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-21		SB-24	
York Sample ID			06060481-07		06060481-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	1700
1,2-Dichlorobenzene			Not detected	165	Not detected	1700
1,3-Dichlorobenzene			Not detected	165	Not detected	1700
1,4-Dichlorobenzene			Not detected	165	Not detected	1700
2,4-Dinitrotoluene			Not detected	165	Not detected	1700
2,6-Dinitrotoluene			Not detected	165	Not detected	1700
2-Chloronaphthalene			Not detected	165	Not detected	1700
2-Methylnaphthalene			Not detected	165	Not detected	1700
2-Nitroaniline			Not detected	165	Not detected	1700
3,3'-Dichlorobenzidine			Not detected	165	Not detected	1700
3-Nitroaniline			Not detected	165	Not detected	1700
4-Bromophenyl phenyl ether			Not detected	165	Not detected	1700
4-Chloroaniline			Not detected	165	Not detected	1700
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	1700
4-Nitroaniline			Not detected	165	Not detected	1700
Acenaphthene			Not detected	165	Not detected	1700
Acenaphthylene			Not detected	165	Not detected	1700
Anthracene			Not detected	165	Not detected	1700
Benzo(a)anthracene			Not detected	165	Not detected	1700
Benzo(a)pyrene			Not detected	165	Not detected	1700
Benzo(b)fluoranthene			Not detected	165	Not detected	1700
Benzo(g,h,i)perylene			Not detected	165	Not detected	1700
Benzo(k)fluoranthene			Not detected	165	Not detected	1700
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	1700
Bis(2-chloroethyl)ether			Not detected	165	Not detected	1700
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	1700
Bis(2-ethylhexyl)phthalate			Not detected	165	14000	1700
Butyl benzyl phthalate			Not detected	165	Not detected	1700
Carbazole			Not detected	165	Not detected	1700
Chrysene			Not detected	165	Not detected	1700
Dibenzo(a,h)anthracene			Not detected	165	Not detected	1700
Dibenzofuran			Not detected	165	Not detected	1700
Diethylphthalate			Not detected	165	Not detected	1700
Dimethylphthalate			Not detected	165	Not detected	1700
Di-n-butylphthalate			Not detected	165	Not detected	1700
Di-n-octylphthalate			Not detected	165	16000	1700
Fluoranthene			Not detected	165	Not detected	1700
Fluorene			Not detected	165	Not detected	1700
Hexachlorobenzene			Not detected	165	Not detected	1700
Hexachlorobutadiene			Not detected	165	Not detected	1700
Hexachlorocyclopentadiene			Not detected	165	Not detected	1700
Hexachloroethane			Not detected	165	Not detected	1700
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	1700
Isophorone			Not detected	165	Not detected	1700
Naphthalene			Not detected	165	Not detected	1700
Nitrobenzene			Not detected	165	Not detected	1700
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	1700
N-Nitrosodiphenylamine			Not detected	165	Not detected	1700
Phenanthrene			Not detected	165	Not detected	1700
Pyrene			Not detected	165	Not detected	1700

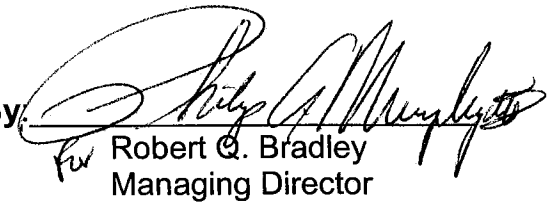
YORK

Report Date: 6/21/2006
Client Project ID: 49 Dupont St.
York Project No.: 06060481 R

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. 06060481 R

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:  **Date:** 6/21/2006

For Robert Q. Bradley
Managing Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Page 1 of 1

0600604181

Company Name	Report To:	Invoice To:	Project ID/No.
ADVANCED SITE RESTORATION 62 WILLIAM ST N.Y N.Y 10005	STEVE MULLER	A SR	49 DUPONT ST BROOKLYN NY

Efrain Vazquez
Samples Collected By (Signature)

Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	SB-15	6/13/06		X			EPA 8260 & 8270 STARS	1(80Z) 1(40Z)
	SB-16							
	SB-17							
	SB-18							
	SB-19							
	SB-20							
	SB-21							
	SB-24							

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	6/14/06 Date/Time	Sample Received by	6/14/06 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time

Comments/Special Instructions

4.2C

Turn-Around Time

X Standard ____ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 6/23/2006
Re: Client Project ID: 49 Dupont St., Bklyn, NY
York Project No.: 06060587

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: 6/23/2006
Client Project ID: 49 Dupont St., Bklyn, NY
York Project No.: 06060587

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 06/16/06. The project was identifed as your project "49 Dupont St., Bklyn, NY."

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			SB-23		SB-46	
York Sample ID			06060587-01		06060587-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methyl-tert-butyl ether (MTBE)			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
Total Xylenes			Not detected	10	Not detected	10

YORK

Client Sample ID			SB-23		SB-46	
York Sample ID			06060587-01		06060587-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			380	165	340	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			220	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			1600	165	330	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-56		SB-57	
York Sample ID			06060587-03		06060587-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	130
1,3,5-Trimethylbenzene			Not detected	10	Not detected	130
Benzene			Not detected	10	Not detected	130
Ethylbenzene			Not detected	10	Not detected	130
Isopropylbenzene			Not detected	10	Not detected	130
Methyl-tert-butyl ether (MTBE)			Not detected	10	Not detected	130
Naphthalene			Not detected	10	Not detected	130
n-Butylbenzene			Not detected	10	Not detected	130
n-Propylbenzene			Not detected	10	Not detected	130
o-Xylene			Not detected	10	Not detected	130
p- & m-Xylenes			Not detected	10	Not detected	130
p-Isopropyltoluene			Not detected	10	Not detected	130
sec-Butylbenzene			Not detected	10	Not detected	130
tert-Butylbenzene			Not detected	10	Not detected	130
Toluene			Not detected	10	Not detected	130
Total Xylenes			Not detected	10	Not detected	130
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	4100
1,2-Dichlorobenzene			Not detected	165	Not detected	4100
1,3-Dichlorobenzene			Not detected	165	Not detected	4100
1,4-Dichlorobenzene			Not detected	165	Not detected	4100
2,4-Dinitrotoluene			Not detected	165	Not detected	4100
2,6-Dinitrotoluene			Not detected	165	Not detected	4100
2-Chloronaphthalene			Not detected	165	Not detected	4100
2-Methylnaphthalene			Not detected	165	Not detected	4100
2-Nitroaniline			Not detected	165	Not detected	4100
3,3'-Dichlorobenzidine			Not detected	165	Not detected	4100
3-Nitroaniline			Not detected	165	Not detected	4100
4-Bromophenyl phenyl ether			Not detected	165	Not detected	4100
4-Chloroaniline			Not detected	165	Not detected	4100
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	4100
4-Nitroaniline			Not detected	165	Not detected	4100
Acenaphthene			Not detected	165	Not detected	4100
Acenaphthylene			Not detected	165	Not detected	4100
Anthracene			Not detected	165	Not detected	4100
Benzo(a)anthracene			Not detected	165	Not detected	4100
Benzo(a)pyrene			Not detected	165	Not detected	4100
Benzo(b)fluoranthene			Not detected	165	Not detected	4100
Benzo(g,h,i)perylene			Not detected	165	Not detected	4100
Benzo(k)fluoranthene			Not detected	165	Not detected	4100
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	4100
Bis(2-chloroethyl)ether			Not detected	165	Not detected	4100
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	4100
Bis(2-ethylhexyl)phthalate			Not detected	165	52000	4100
Butyl benzyl phthalate			Not detected	165	Not detected	4100
Carbazole			Not detected	165	Not detected	4100
Chrysene			Not detected	165	Not detected	4100
Dibenzo(a,h)anthracene			Not detected	165	Not detected	4100
Dibenzofuran			Not detected	165	Not detected	4100

YORK

Client Sample ID			SB-56		SB-57	
York Sample ID			06060587-03		06060587-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Diethylphthalate			Not detected	165	Not detected	4100
Dimethylphthalate			Not detected	165	Not detected	4100
Di-n-butylphthalate			Not detected	165	Not detected	4100
Di-n-octylphthalate			Not detected	165	6800	4100
Fluoranthene			Not detected	165	Not detected	4100
Fluorene			Not detected	165	Not detected	4100
Hexachlorobenzene			Not detected	165	Not detected	4100
Hexachlorobutadiene			Not detected	165	Not detected	4100
Hexachlorocyclopentadiene			Not detected	165	Not detected	4100
Hexachloroethane			Not detected	165	Not detected	4100
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	4100
Isophorone			Not detected	165	Not detected	4100
Naphthalene			Not detected	165	Not detected	4100
Nitrobenzene			Not detected	165	Not detected	4100
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	4100
N-Nitrosodiphenylamine			Not detected	165	Not detected	4100
Phenanthrene			Not detected	165	Not detected	4100
Pyrene			Not detected	165	Not detected	4100

Client Sample ID			SB-58		SB-59	
York Sample ID			06060587-05		06060587-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methyl-tert-butyl ether (MTBE)			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
Total Xylenes			Not detected	10	Not detected	10
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165

YORK

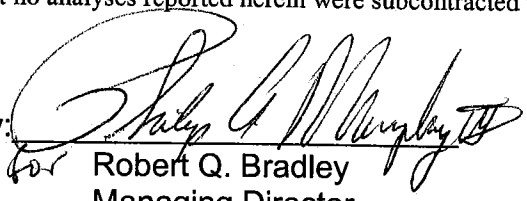
Client Sample ID			SB-58		SB-59	
York Sample ID			06060587-05		06060587-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			320	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

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

YORK

Notes for York Project No. 06060587

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:  **Date:** 6/23/2006

for Robert Q. Bradley
Managing Director

YORK

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

Field Chain-of-Custody Record

06060587

Company Name	Report To:	Invoice To:	Project ID/No.	
A S R 62 WILLIAM ST NY NY 10005	STEVE MULLER	A S R	49 DUPONT ST BKLYN N.Y.	E. Vazquez Samples Collected By (Signature) E. VAZQUEZ Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	SB-23	6/14/06		X			8260C EPA ~~8260B~~ & 8270 STARS	1(4oz) 1(8oz)
	SB-46							
	SB-56							
	SB-57							
	SB-58							
	SB-59							

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	E. Vazquez Sample Relinquished by	6/16/06 Date/Time	61606 Sample Received by	1145 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	6/16 945 Date/Time

Comments/Special Instructions

4.2 C

Turn-Around Time

X Standard ___ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 6/26/2006
Re: Client Project ID: 49 Dupont St.
York Project No.: 06060636

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: 6/26/2006
Client Project ID: 49 Dupont St.
York Project No.: 06060636

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 06/19/06. The project was identifed as your project "49 Dupont St. ".

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			SB-32		SB-34	
York Sample ID			06060636-01		06060636-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	74	10
1,3,5-Trimethylbenzene			Not detected	10	30	10
Benzene			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methyl-tert-butyl ether (MTBE)			Not detected	10	Not detected	10
Naphthalene			Not detected	10	28	10
n-Butylbenzene			Not detected	10	25	10
n-Propylbenzene			Not detected	10	10	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	11	10
sec-Butylbenzene			Not detected	10	12	10
tert-Butylbenzene			Not detected	10	Not detected	10
Toluene			Not detected	10	27	10
Total Xylenes			Not detected	10	Not detected	10

YORK

Client Sample ID			SB-32		SB-34	
York Sample ID			06060636-01		06060636-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	17000
1,2-Dichlorobenzene			Not detected	165	Not detected	17000
1,3-Dichlorobenzene			Not detected	165	Not detected	17000
1,4-Dichlorobenzene			Not detected	165	Not detected	17000
2,4-Dinitrotoluene			Not detected	165	Not detected	17000
2,6-Dinitrotoluene			Not detected	165	Not detected	17000
2-Chloronaphthalene			Not detected	165	Not detected	17000
2-Methylnaphthalene			Not detected	165	Not detected	17000
2-Nitroaniline			Not detected	165	Not detected	17000
3,3'-Dichlorobenzidine			Not detected	165	Not detected	17000
3-Nitroaniline			Not detected	165	Not detected	17000
4-Bromophenyl phenyl ether			Not detected	165	Not detected	17000
4-Chloroaniline			Not detected	165	Not detected	17000
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	17000
4-Nitroaniline			Not detected	165	Not detected	17000
Acenaphthene			Not detected	165	Not detected	17000
Acenaphthylene			Not detected	165	Not detected	17000
Anthracene			Not detected	165	Not detected	17000
Benzo(a)anthracene			Not detected	165	Not detected	17000
Benzo(a)pyrene			Not detected	165	Not detected	17000
Benzo(b)fluoranthene			Not detected	165	Not detected	17000
Benzo(g,h,i)perylene			Not detected	165	Not detected	17000
Benzo(k)fluoranthene			Not detected	165	Not detected	17000
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	17000
Bis(2-chloroethyl)ether			Not detected	165	Not detected	17000
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	17000
Bis(2-ethylhexyl)phthalate			1500	165	610000	17000
Butyl benzyl phthalate			Not detected	165	Not detected	17000
Carbazole			Not detected	165	Not detected	17000
Chrysene			Not detected	165	Not detected	17000
Dibenzo(a,h)anthracene			Not detected	165	Not detected	17000
Dibenzofuran			Not detected	165	Not detected	17000
Diethylphthalate			Not detected	165	Not detected	17000
Dimethylphthalate			Not detected	165	Not detected	17000
Di-n-butylphthalate			Not detected	165	Not detected	17000
Di-n-octylphthalate			Not detected	165	41000	17000
Fluoranthene			Not detected	165	Not detected	17000
Fluorene			Not detected	165	Not detected	17000
Hexachlorobenzene			Not detected	165	Not detected	17000
Hexachlorobutadiene			Not detected	165	Not detected	17000
Hexachlorocyclopentadiene			Not detected	165	Not detected	17000
Hexachloroethane			Not detected	165	Not detected	17000
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	17000
Isophorone			Not detected	165	Not detected	17000
Naphthalene			Not detected	165	Not detected	17000
Nitrobenzene			Not detected	165	Not detected	17000
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	17000
N-Nitrosodiphenylamine			Not detected	165	Not detected	17000
Phenanthrene			Not detected	165	Not detected	17000
Pyrene			Not detected	165	Not detected	17000

YORK

Client Sample ID			SB-36		SB-37	
York Sample ID			06060636-03		06060636-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	130
1,3,5-Trimethylbenzene			Not detected	10	Not detected	130
Benzene			Not detected	10	Not detected	130
Ethylbenzene			Not detected	10	Not detected	130
Isopropylbenzene			Not detected	10	Not detected	130
Methyl-tert-butyl ether (MTBE)			Not detected	10	Not detected	130
Naphthalene			Not detected	10	Not detected	130
n-Butylbenzene			Not detected	10	Not detected	130
n-Propylbenzene			Not detected	10	Not detected	130
o-Xylene			Not detected	10	Not detected	130
p- & m-Xylenes			Not detected	10	Not detected	130
p-Isopropyltoluene			Not detected	10	Not detected	130
sec-Butylbenzene			Not detected	10	Not detected	130
tert-Butylbenzene			Not detected	10	Not detected	130
Toluene			Not detected	10	Not detected	130
Total Xylenes			Not detected	10	Not detected	130
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	4100
1,2-Dichlorobenzene			Not detected	165	Not detected	4100
1,3-Dichlorobenzene			Not detected	165	Not detected	4100
1,4-Dichlorobenzene			Not detected	165	Not detected	4100
2,4-Dinitrotoluene			Not detected	165	Not detected	4100
2,6-Dinitrotoluene			Not detected	165	Not detected	4100
2-Chloronaphthalene			Not detected	165	Not detected	4100
2-Methylnaphthalene			Not detected	165	Not detected	4100
2-Nitroaniline			Not detected	165	Not detected	4100
3,3'-Dichlorobenzidine			Not detected	165	Not detected	4100
3-Nitroaniline			Not detected	165	Not detected	4100
4-Bromophenyl phenyl ether			Not detected	165	Not detected	4100
4-Chloroaniline			Not detected	165	Not detected	4100
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	4100
4-Nitroaniline			Not detected	165	Not detected	4100
Acenaphthene			Not detected	165	Not detected	4100
Acenaphthylene			Not detected	165	Not detected	4100
Anthracene			Not detected	165	Not detected	4100
Benzo(a)anthracene			Not detected	165	Not detected	4100
Benzo(a)pyrene			Not detected	165	Not detected	4100
Benzo(b)fluoranthene			Not detected	165	Not detected	4100
Benzo(g,h,i)perylene			Not detected	165	Not detected	4100
Benzo(k)fluoranthene			Not detected	165	Not detected	4100
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	4100
Bis(2-chloroethyl)ether			Not detected	165	Not detected	4100
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	4100
Bis(2-ethylhexyl)phthalate			Not detected	165	100000	4100
Butyl benzyl phthalate			Not detected	165	Not detected	4100
Carbazole			Not detected	165	Not detected	4100
Chrysene			Not detected	165	Not detected	4100
Dibenzo(a,h)anthracene			Not detected	165	Not detected	4100

YORK

Client Sample ID			SB-36		SB-37	
York Sample ID			06060636-03		06060636-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Dibenzofuran			Not detected	165	Not detected	4100
Diethylphthalate			Not detected	165	Not detected	4100
Dimethylphthalate			Not detected	165	Not detected	4100
Di-n-butylphthalate			Not detected	165	Not detected	4100
Di-n-octylphthalate			1200	165	8300	4100
Fluoranthene			Not detected	165	Not detected	4100
Fluorene			Not detected	165	Not detected	4100
Hexachlorobenzene			Not detected	165	Not detected	4100
Hexachlorobutadiene			Not detected	165	Not detected	4100
Hexachlorocyclopentadiene			Not detected	165	Not detected	4100
Hexachloroethane			Not detected	165	Not detected	4100
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	4100
Isophorone			Not detected	165	Not detected	4100
Naphthalene			Not detected	165	Not detected	4100
Nitrobenzene			Not detected	165	Not detected	4100
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	4100
N-Nitrosodiphenylamine			Not detected	165	Not detected	4100
Phenanthrene			Not detected	165	Not detected	4100
Pyrene			Not detected	165	Not detected	4100

Client Sample ID			SB-38A		SB-38B	
York Sample ID			06060636-05		06060636-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	130	Not detected	25
1,3,5-Trimethylbenzene			Not detected	130	Not detected	25
Benzene			Not detected	130	Not detected	25
Ethylbenzene			Not detected	130	Not detected	25
Isopropylbenzene			Not detected	130	Not detected	25
Methyl-tert-butyl ether (MTBE)			Not detected	130	Not detected	25
Naphthalene			Not detected	130	Not detected	25
n-Butylbenzene			Not detected	130	Not detected	25
n-Propylbenzene			Not detected	130	Not detected	25
o-Xylene			Not detected	130	Not detected	25
p- & m-Xylenes			Not detected	130	Not detected	25
p-Isopropyltoluene			Not detected	130	Not detected	25
sec-Butylbenzene			Not detected	130	Not detected	25
tert-Butylbenzene			Not detected	130	Not detected	25
Toluene			Not detected	130	Not detected	25
Total Xylenes			Not detected	130	Not detected	25
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-38A		SB-38B	
York Sample ID			06060636-05		06060636-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			3500	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	1000	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-39	
York Sample ID			06060636-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---
1,2,4-Trimethylbenzene			Not detected	130
1,3,5-Trimethylbenzene			Not detected	130
Benzene			Not detected	130
Ethylbenzene			Not detected	130
Isopropylbenzene			190	130
Methyl-tert-butyl ether (MTBE)			Not detected	130
Naphthalene			Not detected	130
n-Butylbenzene			930	130
n-Propylbenzene			740	130
o-Xylene			Not detected	130
p- & m-Xylenes			Not detected	130
p-Isopropyltoluene			210	130
sec-Butylbenzene			400	130
tert-Butylbenzene			Not detected	130
Toluene			Not detected	130
Total Xylenes			Not detected	130
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---
1,2,4-Trichlorobenzene			Not detected	8300
1,2-Dichlorobenzene			Not detected	8300
1,3-Dichlorobenzene			Not detected	8300
1,4-Dichlorobenzene			Not detected	8300
2,4-Dinitrotoluene			Not detected	8300
2,6-Dinitrotoluene			Not detected	8300
2-Chloronaphthalene			Not detected	8300
2-Methylnaphthalene			8600	8300
2-Nitroaniline			Not detected	8300
3,3'-Dichlorobenzidine			Not detected	8300
3-Nitroaniline			Not detected	8300
4-Bromophenyl phenyl ether			Not detected	8300
4-Chloroaniline			Not detected	8300
4-Chlorophenyl phenyl ether			Not detected	8300
4-Nitroaniline			Not detected	8300
Acenaphthene			13000	8300
Acenaphthylene			Not detected	8300
Anthracene			25000	8300
Benzo(a)anthracene			44000	8300
Benzo(a)pyrene			33000	8300
Benzo(b)fluoranthene			26000	8300
Benzo(g,h,i)perylene			8600	8300
Benzo(k)fluoranthene			32000	8300
Bis(2-chloroethoxy)methane			Not detected	8300
Bis(2-chloroethyl)ether			Not detected	8300
Bis(2-chloroisopropyl)ether			Not detected	8300
Bis(2-ethylhexyl)phthalate			Not detected	8300
Butyl benzyl phthalate			Not detected	8300
Carbazole			Not detected	8300
Chrysene			48000	8300
Dibenzo(a,h)anthracene			Not detected	8300

YORK

Client Sample ID			SB-39	
York Sample ID			06060636-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Dibenzofuran			10000	8300
Diethylphthalate			Not detected	8300
Dimethylphthalate			Not detected	8300
Di-n-butylphthalate			Not detected	8300
Di-n-octylphthalate			Not detected	8300
Fluoranthene			88000	8300
Fluorene			17000	8300
Hexachlorobenzene			Not detected	8300
Hexachlorobutadiene			Not detected	8300
Hexachlorocyclopentadiene			Not detected	8300
Hexachloroethane			Not detected	8300
Indeno(1,2,3-cd)pyrene			10000	8300
Isophorone			Not detected	8300
Naphthalene			12000	8300
Nitrobenzene			Not detected	8300
N-Nitrosodi-n-propylamine			Not detected	8300
N-Nitrosodiphenylamine			Not detected	8300
Phenanthrene			86000	8300
Pyrene			80000	8300

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. 06060636

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: 6/26/2006

YORK

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

06060636

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature) / Name (Printed)
ASR 62 WILLIAMS ST N.Y N.Y 10005	STEVE MULLER	ASR	49 DUPONT ST BKLYN N.Y	E. Vazquez E. VAZQUEZ

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	SB-32	6-16-06		X			EPA 8260 + 8270 STARS	1(4oz) 1(8oz)
	SB-34							
	SB-36							
	SB-37							
	SB-38A							
	SB-38B							
	SB-39							

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	Date/Time	Sample Received by	Date/Time
				[signature] 6/19/06	1130A
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time
				[signature]	6/19 5:00

4.2°C

Turn-Around Time

X Standard ____ RUSH(define) ____

Comments/Special Instructions

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 8/1/2006
Re: Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070643

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: 8/1/2006
Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070643

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 07/24/06. The project was identifed as your project "49 Dupont St., Brooklyn, NY ".

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			MW-5 4-9'		MW-6 5-10'	
York Sample ID			06070643-01		06070643-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	25
1,3,5-Trimethylbenzene			Not detected	10	Not detected	25
Benzene			Not detected	2.0	Not detected	5.0
Ethylbenzene			Not detected	10	Not detected	25
Isopropylbenzene			Not detected	10	Not detected	25
Methyl-tert-butyl ether			Not detected	10	Not detected	25
Naphthalene			Not detected	10	Not detected	25
n-Butylbenzene			Not detected	10	Not detected	25
n-Propylbenzene			Not detected	10	Not detected	25
o-Xylene			Not detected	10	Not detected	25
p- & m- Xylenes			Not detected	10	Not detected	25
p-Isopropyltoluene			Not detected	10	Not detected	25
sec-Butylbenzene			Not detected	10	31	25
tert-Butylbenzene			Not detected	10	Not detected	25
Toluene			Not detected	10	Not detected	25

YORK

Client Sample ID			MW-5 4-9'		MW-6 5-10'	
York Sample ID			06070643-01		06070643-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	830000
1,2-Dichlorobenzene			Not detected	165	Not detected	830000
1,3-Dichlorobenzene			Not detected	165	Not detected	830000
1,4-Dichlorobenzene			Not detected	165	Not detected	830000
2,4-Dinitrotoluene			Not detected	165	Not detected	830000
2,6-Dinitrotoluene			Not detected	165	Not detected	830000
2-Chloronaphthalene			Not detected	165	Not detected	830000
2-Methylnaphthalene			Not detected	165	Not detected	830000
2-Nitroaniline			Not detected	165	Not detected	830000
3,3'-Dichlorobenzidine			Not detected	165	Not detected	830000
3-Nitroaniline			Not detected	165	Not detected	830000
4-Bromophenyl phenyl ether			Not detected	165	Not detected	830000
4-Chloroaniline			Not detected	165	Not detected	830000
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	830000
4-Nitroaniline			Not detected	165	Not detected	830000
Acenaphthene			Not detected	165	Not detected	830000
Acenaphthylene			Not detected	165	Not detected	830000
Anthracene			Not detected	165	Not detected	830000
Benzo(a)anthracene			Not detected	165	Not detected	830000
Benzo(a)pyrene			Not detected	165	Not detected	830000
Benzo(b)fluoranthene			Not detected	165	Not detected	830000
Benzo(g,h,i)perylene			Not detected	165	Not detected	830000
Benzo(k)fluoranthene			Not detected	165	Not detected	830000
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	830000
Bis(2-chloroethyl)ether			Not detected	165	Not detected	830000
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	830000
Bis(2-ethylhexyl)phthalate			Not detected	165	9500000	830000
Butyl benzyl phthalate			Not detected	165	Not detected	830000
Carbazole			Not detected	165	Not detected	830000
Chrysene			Not detected	165	Not detected	830000
Dibenzo(a,h)anthracene			Not detected	165	Not detected	830000
Dibenzofuran			Not detected	165	Not detected	830000
Diethylphthalate			Not detected	165	Not detected	830000
Dimethylphthalate			Not detected	165	Not detected	830000
Di-n-butylphthalate			Not detected	165	Not detected	830000
Di-n-octylphthalate			Not detected	165	Not detected	830000
Fluoranthene			Not detected	165	Not detected	830000
Fluorene			Not detected	165	Not detected	830000
Hexachlorobenzene			Not detected	165	Not detected	830000
Hexachlorobutadiene			Not detected	165	Not detected	830000
Hexachlorocyclopentadiene			Not detected	165	Not detected	830000
Hexachloroethane			Not detected	165	Not detected	830000
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	830000

YORK

Client Sample ID			MW-5 4-9'		MW-6 5-10'	
York Sample ID			06070643-01		06070643-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Isophorone			Not detected	165	Not detected	830000
Naphthalene			Not detected	165	Not detected	830000
Nitrobenzene			Not detected	165	Not detected	830000
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	830000
N-Nitrosodiphenylamine			Not detected	165	Not detected	830000
Phenanthrene			Not detected	165	Not detected	830000
Pyrene			Not detected	165	Not detected	830000

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. 06070643

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: 8/1/2006

YORK

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

06070643

Field Chain-of-Custody Record

Page ___ of ___

Company Name	Report To:	Invoice To:	Project ID/No.	
ASR 62 William ST NY NY 10005	ASR Steve Muller	ASR	49 Dupont ST. BKLYN NY	ANTHONY ADESSO Samples Collected By (Signature) [signature] Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	MW-5 4'-9'	7/20/06		X			8260 STARS 8270 BN	1 8oz 1 4oz
	MW-6 5'-10'	7/20/06		X			8260 STARS 8270 BN	1 8oz 1 4oz

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	[signature] Sample Relinquished by	7/21/06 Date/Time 9:00 AM	[signature] Sample Received by	7/21/06 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	[signature] Sample Received in LAB by	7/24 4:00 Date/Time

Comments/Special Instructions

4/2 C

Turn-Around Time

___Standard ___RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 8/1/2006
Re: Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070644

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: 8/1/2006
Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070644

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 07/24/06. The project was identifed as your project "49 Dupont St., Brooklyn, NY ".

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			MW-5 10-15'		MW-6 10-15'	
York Sample ID			06070644-01		06070644-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			420	130	540	130
1,3,5-Trimethylbenzene			Not detected	130	220	130
Benzene			Not detected	25	Not detected	25
Ethylbenzene			Not detected	130	Not detected	130
Isopropylbenzene			Not detected	130	Not detected	130
Methyl-tert-butyl ether			Not detected	130	Not detected	130
Naphthalene			220	130	Not detected	130
n-Butylbenzene			Not detected	130	Not detected	130
n-Propylbenzene			Not detected	130	Not detected	130
o-Xylene			Not detected	130	Not detected	130
p- & m- Xylenes			Not detected	130	Not detected	130
p-Isopropyltoluene			Not detected	130	Not detected	130
sec-Butylbenzene			Not detected	130	Not detected	130
tert-Butylbenzene			Not detected	130	Not detected	130
Toluene			Not detected	130	Not detected	130

YORK

Client Sample ID			MW-5 10-15'		MW-6 10-15'	
York Sample ID			06070644-01		06070644-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	410000	Not detected	83000
1,2-Dichlorobenzene			Not detected	410000	Not detected	83000
1,3-Dichlorobenzene			Not detected	410000	Not detected	83000
1,4-Dichlorobenzene			Not detected	410000	Not detected	83000
2,4-Dinitrotoluene			Not detected	410000	Not detected	83000
2,6-Dinitrotoluene			Not detected	410000	Not detected	83000
2-Chloronaphthalene			Not detected	410000	Not detected	83000
2-Methylnaphthalene			Not detected	410000	Not detected	83000
2-Nitroaniline			Not detected	410000	Not detected	83000
3,3'-Dichlorobenzidine			Not detected	410000	Not detected	83000
3-Nitroaniline			Not detected	410000	Not detected	83000
4-Bromophenyl phenyl ether			Not detected	410000	Not detected	83000
4-Chloroaniline			Not detected	410000	Not detected	83000
4-Chlorophenyl phenyl ether			Not detected	410000	Not detected	83000
4-Nitroaniline			Not detected	410000	Not detected	83000
Acenaphthene			Not detected	410000	Not detected	83000
Acenaphthylene			Not detected	410000	Not detected	83000
Anthracene			Not detected	410000	Not detected	83000
Benzo(a)anthracene			Not detected	410000	Not detected	83000
Benzo(a)pyrene			Not detected	410000	Not detected	83000
Benzo(b)fluoranthene			Not detected	410000	Not detected	83000
Benzo(g,h,i)perylene			Not detected	410000	Not detected	83000
Benzo(k)fluoranthene			Not detected	410000	Not detected	83000
Bis(2-chloroethoxy)methane			Not detected	410000	Not detected	83000
Bis(2-chloroethyl)ether			Not detected	410000	Not detected	83000
Bis(2-chloroisopropyl)ether			Not detected	410000	Not detected	83000
Bis(2-ethylhexyl)phthalate			6700000	410000	1900000	83000
Butyl benzyl phthalate			Not detected	410000	Not detected	83000
Carbazole			Not detected	410000	Not detected	83000
Chrysene			Not detected	410000	Not detected	83000
Dibenzo(a,h)anthracene			Not detected	410000	Not detected	83000
Dibenzofuran			Not detected	410000	Not detected	83000
Diethylphthalate			Not detected	410000	Not detected	83000
Dimethylphthalate			Not detected	410000	Not detected	83000
Di-n-butylphthalate			Not detected	410000	Not detected	83000
Di-n-octylphthalate			1300000	410000	180000	83000
Fluoranthene			Not detected	410000	Not detected	83000
Fluorene			Not detected	410000	Not detected	83000
Hexachlorobenzene			Not detected	410000	Not detected	83000
Hexachlorobutadiene			Not detected	410000	Not detected	83000
Hexachlorocyclopentadiene			Not detected	410000	Not detected	83000

YORK

Client Sample ID			MW-5 10-15'		MW-6 10-15'	
York Sample ID			06070644-01		06070644-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Hexachloroethane			Not detected	410000	Not detected	83000
Indeno(1,2,3-cd)pyrene			Not detected	410000	Not detected	83000
Isophorone			Not detected	410000	Not detected	83000
Naphthalene			Not detected	410000	Not detected	83000
Nitrobenzene			Not detected	410000	Not detected	83000
N-Nitrosodi-n-propylamine			Not detected	410000	Not detected	83000
N-Nitrosodiphenylamine			Not detected	410000	Not detected	83000
Phenanthrene			Not detected	410000	Not detected	83000
Pyrene			Not detected	410000	Not detected	83000

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. 06070644

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: 8/1/2006

YORK

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ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Q001004 Page ___ of ___

Company Name	Report To:	Invoice To:	Project ID/No.	
ASR 62 William ST NY, NY. 10005	Steve Muller	ASR	49 Dupont ST Bklyn NY	Anthony Adesso Samples Collected By (Signature) Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	MW-5 4'-9' *	7/20/06		X			8260 STARS 8270 BN	1 8oz 1 4oz
	MW-6 10'-15'	7/20/06		X			8260 STARS 8270 BN.	1 8oz 1 4oz
	* 10'-15' (b)							

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	7/21/06 Date/Time	Sample Received by	Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	7/24 4pm Date/Time

Comments/Special Instructions

4.2°C

Turn-Around Time

___Standard ___RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 7/31/2006
Re: Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070642

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: 7/31/2006
Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070642

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 07/24/06. The project was identifed as your project "49 Dupont St., Booklyn, NY ".

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			MW-7@5-10'		MW-8@5-10'	
York Sample ID			06070642-01		06070642-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
Benzene			Not detected	2.0	Not detected	2.0
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methyl-tert-butyl ether			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m- Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10

YORK

Client Sample ID			MW-7@5-10'		MW-8@5-10'	
York Sample ID			06070642-01		06070642-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			3600	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

YORK

Client Sample ID			MW-9@5-10'		MW-10@5-10'	
York Sample ID			06070642-03		06070642-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	500	Not detected	10
1,3,5-Trimethylbenzene			Not detected	500	Not detected	10
Benzene			Not detected	100	Not detected	2.0
Ethylbenzene			Not detected	500	Not detected	10
Isopropylbenzene			Not detected	500	Not detected	10
Methyl-tert-butyl ether			Not detected	500	Not detected	10
Naphthalene			4400	500	Not detected	10
n-Butylbenzene			1100	500	Not detected	10
n-Propylbenzene			850	500	Not detected	10
o-Xylene			Not detected	500	Not detected	10
p- & m- Xylenes			Not detected	500	Not detected	10
p-Isopropyltoluene			Not detected	500	Not detected	10
sec-Butylbenzene			720	500	Not detected	10
tert-Butylbenzene			Not detected	500	Not detected	10
Toluene			Not detected	500	Not detected	10
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	4100	Not detected	165
1,2-Dichlorobenzene			Not detected	4100	Not detected	165
1,3-Dichlorobenzene			Not detected	4100	Not detected	165
1,4-Dichlorobenzene			Not detected	4100	Not detected	165
2,4-Dinitrotoluene			Not detected	4100	Not detected	165
2,6-Dinitrotoluene			Not detected	4100	Not detected	165
2-Chloronaphthalene			Not detected	4100	Not detected	165
2-Methylnaphthalene			Not detected	4100	Not detected	165
2-Nitroaniline			Not detected	4100	Not detected	165
3,3'-Dichlorobenzidine			Not detected	4100	Not detected	165
3-Nitroaniline			Not detected	4100	Not detected	165
4-Bromophenyl phenyl ether			Not detected	4100	Not detected	165
4-Chloroaniline			Not detected	4100	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	4100	Not detected	165
4-Nitroaniline			Not detected	4100	Not detected	165
Acenaphthene			Not detected	4100	Not detected	165
Acenaphthylene			Not detected	4100	Not detected	165
Anthracene			Not detected	4100	Not detected	165
Benzo(a)anthracene			Not detected	4100	Not detected	165
Benzo(a)pyrene			Not detected	4100	Not detected	165
Benzo(b)fluoranthene			Not detected	4100	Not detected	165
Benzo(g,h,i)perylene			Not detected	4100	Not detected	165
Benzo(k)fluoranthene			Not detected	4100	Not detected	165
Bis(2-chloroethoxy)methane			Not detected	4100	Not detected	165
Bis(2-chloroethyl)ether			Not detected	4100	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	4100	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	4100	Not detected	165
Butyl benzyl phthalate			Not detected	4100	Not detected	165
Carbazole			Not detected	4100	Not detected	165
Chrysene			Not detected	4100	Not detected	165
Dibenzo(a,h)anthracene			Not detected	4100	Not detected	165
Dibenzofuran			Not detected	4100	Not detected	165

YORK

Client Sample ID			MW-9@5-10'		MW-10@5-10'	
York Sample ID			06070642-03		06070642-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Diethylphthalate			Not detected	4100	Not detected	165
Dimethylphthalate			Not detected	4100	Not detected	165
Di-n-butylphthalate			Not detected	4100	Not detected	165
Di-n-octylphthalate			Not detected	4100	Not detected	165
Fluoranthene			Not detected	4100	Not detected	165
Fluorene			Not detected	4100	Not detected	165
Hexachlorobenzene			Not detected	4100	Not detected	165
Hexachlorobutadiene			Not detected	4100	Not detected	165
Hexachlorocyclopentadiene			Not detected	4100	Not detected	165
Hexachloroethane			Not detected	4100	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	4100	Not detected	165
Isophorone			Not detected	4100	Not detected	165
Naphthalene			Not detected	4100	Not detected	165
Nitrobenzene			Not detected	4100	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	4100	Not detected	165
N-Nitrosodiphenylamine			Not detected	4100	Not detected	165
Phenanthrene			5600	4100	Not detected	165
Pyrene			Not detected	4100	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. 06070642

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: 7/31/2006

YORK

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Page 1 of 1

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature)
ASR	STEVE MULLER	ASR	49 DUPONT ST BKLYN NY	E. VAZQUEZ (Name Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	MW-7@5' TO 10'	7/21/06		X			EPA 8260 STARS	4 oz
	MW-7@5' - 10'	7/21/06		X			EPA 8270 BN	8 oz
	MW-8@5'-10'	7/21/06		X			EPA 8260 STARS	4 oz
	MW-8@5'-10'	7/21/06		X			EPA 8270 BN	8 oz
	MW-9@5'-10'	7/21/06		X			EPA 8260 STARS	4 oz
	MW-9@5'-10'	7/21/06		X			EPA 8270 BN	8 oz
	MW-10@5'-10'	7/21/06		X			EPA 8260 STARS	4 oz
	MW-10@5'-10'	7/21/06		X			EPA 8270 BN	8 oz

Chain-of-Custody Record

	Date/Time		Date/Time		Date/Time
Bottles Relinquished from Lab by		E. Vazquez Sample Relinquished by	7/24/06	Sample Received in LAB by	7/24 1000
Bottles Received in Field by		Sample Relinquished by			

Comments/Special Instructions

4.2 C

Turn-Around Time

X Standard ___ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 7/31/2006
Re: Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070645

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: 7/31/2006
Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070645

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 07/24/06. The project was identifed as your project "49 Dupont St., Brooklyn, NY ".

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			MW-7@10-15'		MW-8@10-15'	
York Sample ID			06070645-01		06070645-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			35	25	Not detected	10
1,3,5-Trimethylbenzene			Not detected	25	Not detected	10
Benzene			Not detected	5.0	Not detected	2.0
Ethylbenzene			Not detected	25	Not detected	10
Isopropylbenzene			Not detected	25	Not detected	10
Methyl-tert-butyl ether			Not detected	25	Not detected	10
Naphthalene			Not detected	25	Not detected	10
n-Butylbenzene			Not detected	25	Not detected	10
n-Propylbenzene			Not detected	25	Not detected	10
o-Xylene			Not detected	25	Not detected	10
p- & m- Xylenes			36	25	Not detected	10
p-Isopropyltoluene			Not detected	25	Not detected	10
sec-Butylbenzene			Not detected	25	Not detected	10
tert-Butylbenzene			Not detected	25	Not detected	10

YORK

Client Sample ID			MW-7@10-15'		MW-8@10-15'	
York Sample ID			06070645-01		06070645-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Toluene			33	.25	Not detected	10
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	170000	Not detected	830
1,2-Dichlorobenzene			Not detected	170000	Not detected	830
1,3-Dichlorobenzene			Not detected	170000	Not detected	830
1,4-Dichlorobenzene			Not detected	170000	Not detected	830
2,4-Dinitrotoluene			Not detected	170000	Not detected	830
2,6-Dinitrotoluene			Not detected	170000	Not detected	830
2-Chloronaphthalene			Not detected	170000	Not detected	830
2-Methylnaphthalene			Not detected	170000	Not detected	830
2-Nitroaniline			Not detected	170000	Not detected	830
3,3'-Dichlorobenzidine			Not detected	170000	Not detected	830
3-Nitroaniline			Not detected	170000	Not detected	830
4-Bromophenyl phenyl ether			Not detected	170000	Not detected	830
4-Chloroaniline			Not detected	170000	Not detected	830
4-Chlorophenyl phenyl ether			Not detected	170000	Not detected	830
4-Nitroaniline			Not detected	170000	Not detected	830
Acenaphthene			Not detected	170000	Not detected	830
Acenaphthylene			Not detected	170000	Not detected	830
Anthracene			Not detected	170000	Not detected	830
Benzo(a)anthracene			Not detected	170000	Not detected	830
Benzo(a)pyrene			Not detected	170000	Not detected	830
Benzo(b)fluoranthene			Not detected	170000	Not detected	830
Benzo(g,h,i)perylene			Not detected	170000	Not detected	830
Benzo(k)fluoranthene			Not detected	170000	Not detected	830
Bis(2-chloroethoxy)methane			Not detected	170000	Not detected	830
Bis(2-chloroethyl)ether			Not detected	170000	Not detected	830
Bis(2-chloroisopropyl)ether			Not detected	170000	Not detected	830
Bis(2-ethylhexyl)phthalate			1700000	170000	12000	830
Butyl benzyl phthalate			Not detected	170000	Not detected	830
Carbazole			Not detected	170000	Not detected	830
Chrysene			Not detected	170000	Not detected	830
Dibenzo(a,h)anthracene			Not detected	170000	Not detected	830
Dibenzofuran			Not detected	170000	Not detected	830
Diethylphthalate			Not detected	170000	Not detected	830
Dimethylphthalate			Not detected	170000	Not detected	830
Di-n-butylphthalate			Not detected	170000	Not detected	830
Di-n-octylphthalate			Not detected	170000	Not detected	830
Fluoranthene			Not detected	170000	Not detected	830
Fluorene			Not detected	170000	Not detected	830
Hexachlorobenzene			Not detected	170000	Not detected	830
Hexachlorobutadiene			Not detected	170000	Not detected	830
Hexachlorocyclopentadiene			Not detected	170000	Not detected	830
Hexachloroethane			Not detected	170000	Not detected	830

YORK

Client Sample ID			MW-7@10-15'		MW-8@10-15'	
York Sample ID			06070645-01		06070645-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Indeno(1,2,3-cd)pyrene			Not detected	170000	Not detected	830
Isophorone			Not detected	170000	Not detected	830
Naphthalene			Not detected	170000	Not detected	830
Nitrobenzene			Not detected	170000	Not detected	830
N-Nitrosodi-n-propylamine			Not detected	170000	Not detected	830
N-Nitrosodiphenylamine			Not detected	170000	Not detected	830
Phenanthrene			Not detected	170000	Not detected	830
Pyrene			Not detected	170000	Not detected	830

Client Sample ID			MW-9@10-15'		MW-10@10-15'	
York Sample ID			06070645-03		06070645-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	130	Not detected	10
1,3,5-Trimethylbenzene			Not detected	130	Not detected	10
Benzene			Not detected	25	Not detected	2.0
Ethylbenzene			480	130	Not detected	10
Isopropylbenzene			620	130	Not detected	10
Methyl-tert-butyl ether			Not detected	130	Not detected	10
Naphthalene			3600	130	Not detected	10
n-Butylbenzene			1100	130	Not detected	10
n-Propylbenzene			1100	130	Not detected	10
o-Xylene			Not detected	130	Not detected	10
p- & m- Xylenes			Not detected	130	Not detected	10
p-Isopropyltoluene			Not detected	130	Not detected	10
sec-Butylbenzene			690	130	Not detected	10
tert-Butylbenzene			Not detected	130	Not detected	10
Toluene			Not detected	130	Not detected	10
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	8300	Not detected	830
1,2-Dichlorobenzene			Not detected	8300	Not detected	830
1,3-Dichlorobenzene			Not detected	8300	Not detected	830
1,4-Dichlorobenzene			Not detected	8300	Not detected	830
2,4-Dinitrotoluene			Not detected	8300	Not detected	830
2,6-Dinitrotoluene			Not detected	8300	Not detected	830
2-Chloronaphthalene			Not detected	8300	Not detected	830
2-Methylnaphthalene			21000	8300	Not detected	830
2-Nitroaniline			Not detected	8300	Not detected	830
3,3'-Dichlorobenzidine			Not detected	8300	Not detected	830
3-Nitroaniline			Not detected	8300	Not detected	830
4-Bromophenyl phenyl ether			Not detected	8300	Not detected	830
4-Chloroaniline			Not detected	8300	Not detected	830
4-Chlorophenyl phenyl ether			Not detected	8300	Not detected	830
4-Nitroaniline			Not detected	8300	Not detected	830
Acenaphthene			Not detected	8300	Not detected	830
Acenaphthylene			Not detected	8300	Not detected	830
Anthracene			Not detected	8300	Not detected	830
Benzo(a)anthracene			Not detected	8300	Not detected	830

YORK

Client Sample ID			MW-9@10-15'		MW-10@10-15'	
York Sample ID			06070645-03		06070645-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Benzo(a)pyrene			Not detected	8300	Not detected	830
Benzo(b)fluoranthene			Not detected	8300	Not detected	830
Benzo(g,h,i)perylene			Not detected	8300	Not detected	830
Benzo(k)fluoranthene			Not detected	8300	Not detected	830
Bis(2-chloroethoxy)methane			Not detected	8300	Not detected	830
Bis(2-chloroethyl)ether			Not detected	8300	Not detected	830
Bis(2-chloroisopropyl)ether			Not detected	8300	Not detected	830
Bis(2-ethylhexyl)phthalate			59000	8300	6300	830
Butyl benzyl phthalate			Not detected	8300	Not detected	830
Carbazole			Not detected	8300	Not detected	830
Chrysene			Not detected	8300	Not detected	830
Dibenzo(a,h)anthracene			Not detected	8300	Not detected	830
Dibenzofuran			Not detected	8300	Not detected	830
Diethylphthalate			Not detected	8300	Not detected	830
Dimethylphthalate			Not detected	8300	Not detected	830
Di-n-butylphthalate			Not detected	8300	Not detected	830
Di-n-octylphthalate			Not detected	8300	Not detected	830
Fluoranthene			Not detected	8300	Not detected	830
Fluorene			Not detected	8300	Not detected	830
Hexachlorobenzene			Not detected	8300	Not detected	830
Hexachlorobutadiene			Not detected	8300	Not detected	830
Hexachlorocyclopentadiene			Not detected	8300	Not detected	830
Hexachloroethane			Not detected	8300	Not detected	830
Indeno(1,2,3-cd)pyrene			Not detected	8300	Not detected	830
Isophorone			Not detected	8300	Not detected	830
Naphthalene			Not detected	8300	Not detected	830
Nitrobenzene			Not detected	8300	Not detected	830
N-Nitrosodi-n-propylamine			Not detected	8300	Not detected	830
N-Nitrosodiphenylamine			Not detected	8300	Not detected	830
Phenanthrene			17000	8300	Not detected	830
Pyrene			Not detected	8300	Not detected	830

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. 06070645

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: 7/31/2006

YORK

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ANALYTICAL LABORATORIES, INC.

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(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

0601045 Page 1 of 1

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature) / Name (Printed)
ASR	STEVE MULLER	ASR	49 DUPONT ST BKLYN N.Y	E. Vazquez / E. VAZQUEZ

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	MW-7@10'-15'	7/21/06		X			EPA 8260 STARS	4oz
	MW-7@10'-15'						EPA 8270 BN	8oz
	MW-8@10'-15'						EPA 8260 STARS	4oz
	MW-8@10'-15'						EPA 8270 ~~8270~~ BN	8oz
	MW-9@10'-15'						EPA 8260 STARS	4oz
	MW-9@10'-15'						EPA 8270 BN	8oz
	MW-10@10'-15'						EPA 8260 STARS	4oz
	MW-10@10'-15'						EPA 8270 BN	8oz

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	E Vazquez Sample Relinquished by	7/24/06 Date/Time	Sample Received by	Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	7/24 4:00 Date/Time

Comments/Special Instructions: 4/2°C

Turn-Around Time
X Standard ___ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 9/21/2006
Re: Client Project ID: Dupont, Brooklyn
York Project No.: 06090528

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: 9/21/2006
Client Project ID: Dupont, Brooklyn
York Project No.: 06090528

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 09/14/06. The project was identifed as your project "Dupont, Brooklyn ".

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			MW-11@8-10'		MW-12@8-10'	
York Sample ID			06090528-01		06090528-02	
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	Not detected	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

YORK

Client Sample ID			MW-11@8-10'		MW-12@8-10'	
York Sample ID			06090528-01		06090528-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
Acenaphthene			170	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			320	165	Not detected	165
Benzo(a)anthracene			350	165	Not detected	165
Benzo(a)pyrene			180	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			210	165	Not detected	165
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			320	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			740	165	Not detected	165
Fluorene			170	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			890	165	Not detected	165
Pyrene			600	165	Not detected	165

YORK

Client Sample ID			MW-13@8-10'		MW-14@8-10'	
York Sample ID			06090528-03		06090528-04	
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	Not detected	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
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165

YORK

Client Sample ID			MW-13@8-10'		MW-14@8-10'	
York Sample ID			06090528-03		06090528-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	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. 06090528

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: 9/21/2006

YORK

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

Field Chain-of-Custody Record

06090528

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature) / Name (Printed)
ADVANCED SITE RESTORATION, LLC 62 WILLIAM ST. NY, NY 10005	S. MULLER	ASR	DUPONT, BROOKLYN	[signature] STEVEN MULLER

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	MW-11 @ 8'-10'	9/13/06		X			EPA 8260 STARS EPA 8270 BN	1-4 oz 1-8 oz
	MW-12 @ 8'-10'	9/13/06		X			EPA 8260 STARS EPA 8270 BN	1-4 oz 1-8 oz
	MW-13 @ 8'-10'	9/13/06		X			EPA 8260 STARS EPA 8270 BN	1-4 oz 1-8 oz
	MW-14 @ 8'-10'	9/13/06		X			EPA 8260 STARS EPA 8270 BN	1-4 oz 1-8 oz

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	Date/Time	Sample Received by	Date/Time
		[signature]	9/14/06	[signature]	9/14/06
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time
				[signature]	9/14/06 P 5.0C

Comments/Special Instructions

Turn-Around Time

X Standard ____ RUSH(define) _____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 12/20/2006
Re: Client Project ID: 49 Dupont St., Brooklyn
York Project No.: 06120412

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: 12/20/2006
Client Project ID: 49 Dupont St., Brooklyn
York Project No.: 06120412

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 12/13/06. The project was identifed as your project "49 Dupont St., Brooklyn ".

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			MW-15 8-10'		MW-16 8-10'	
York Sample ID			06120412-01		06120412-02	
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	Not detected	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

YORK

Client Sample ID			MW-15 8-10'		MW-16 8-10'	
York Sample ID			06120412-01		06120412-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	1700	Not detected	165
1,2-Dichlorobenzene			Not detected	1700	Not detected	165
1,3-Dichlorobenzene			Not detected	1700	Not detected	165
1,4-Dichlorobenzene			Not detected	1700	Not detected	165
2,4-Dinitrotoluene			Not detected	1700	Not detected	165
2,6-Dinitrotoluene			Not detected	1700	Not detected	165
2-Chloronaphthalene			Not detected	1700	Not detected	165
2-Methylnaphthalene			Not detected	1700	Not detected	165
2-Nitroaniline			Not detected	1700	Not detected	165
3,3'-Dichlorobenzidine			Not detected	1700	Not detected	165
3-Nitroaniline			Not detected	1700	Not detected	165
4-Bromophenyl phenyl ether			Not detected	1700	Not detected	165
4-Chloroaniline			Not detected	1700	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	1700	Not detected	165
4-Nitroaniline			Not detected	1700	Not detected	165
Acenaphthene			Not detected	1700	Not detected	165
Acenaphthylene			Not detected	1700	Not detected	165
Anthracene			Not detected	1700	Not detected	165
Benzo(a)anthracene			Not detected	1700	Not detected	165
Benzo(a)pyrene			Not detected	1700	Not detected	165
Benzo(b)fluoranthene			Not detected	1700	Not detected	165
Benzo(g,h,i)perylene			Not detected	1700	Not detected	165
Benzo(k)fluoranthene			Not detected	1700	Not detected	165
Bis(2-chloroethoxy)methane			Not detected	1700	Not detected	165
Bis(2-chloroethyl)ether			Not detected	1700	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	1700	Not detected	165
Bis(2-ethylhexyl)phthalate			6400	1700	Not detected	165
Butyl benzyl phthalate			Not detected	1700	Not detected	165
Carbazole			Not detected	1700	Not detected	165
Chrysene			Not detected	1700	Not detected	165
Dibenzo(a,h)anthracene			Not detected	1700	Not detected	165
Dibenzofuran			Not detected	1700	Not detected	165
Diethylphthalate			Not detected	1700	Not detected	165
Dimethylphthalate			Not detected	1700	Not detected	165
Di-n-butylphthalate			Not detected	1700	Not detected	165
Di-n-octylphthalate			Not detected	1700	990	165
Fluoranthene			Not detected	1700	Not detected	165
Fluorene			Not detected	1700	Not detected	165
Hexachlorobenzene			Not detected	1700	Not detected	165
Hexachlorobutadiene			Not detected	1700	Not detected	165
Hexachlorocyclopentadiene			Not detected	1700	Not detected	165
Hexachloroethane			Not detected	1700	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	1700	Not detected	165
Isophorone			Not detected	1700	Not detected	165
Naphthalene			Not detected	1700	Not detected	165
Nitrobenzene			Not detected	1700	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	1700	Not detected	165
N-Nitrosodiphenylamine			Not detected	1700	Not detected	165
Phenanthrene			Not detected	1700	Not detected	165
Pyrene			Not detected	1700	Not detected	165

YORK

Client Sample ID			SB-4A@10'		SB-4B@10'	
York Sample ID			06120412-03		06120412-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Mercury	SW846-7471	mg/kG	Not detected	0.10	Not detected	0.10

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. 06120412

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: _____ **Date:** 12/20/2006
Robert Q. Bradley
Managing Director

YORK

Page ___ of ___

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

06120412

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature) / Name (Printed)
Advanced Site Restoration	Steve M	ASR	49 Dupont St Bklyn	Anthony Adesso

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	MW-15 8'-10'	12-7-06		X			8260 stars 8270 BN	1 8oz / 4oz
	MW-16 8'-10'	12-7-06		X			" "	1 8oz / 4oz
	SB-4A @ 10'	12-7-06		X			mercury only	1 8oz
	SB-4b @ 10'	12-7-06		X			mercury only	1 8oz

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	Date/Time	Sample Received by	Date/Time
			12-11-06	12/13/06	
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time
				4.00	12/13 9AM

Comments/Special Instructions

Turn-Around Time

___Standard ___RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 8/1/2006
Re: Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070673

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: 8/1/2006
Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070673

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 07/25/06. The project was identifed as your project "49 Dupont St., Brooklyn, NY".

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			5-10' ASR-11		10-15' ASR-11	
York Sample ID			06070673-01		06070673-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
Benzene			Not detected	2.0	Not detected	2.0
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methyl-tert-butyl ether			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m- Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10

YORK

Client Sample ID			5-10' ASR-11		10-15' ASR-11	
York Sample ID			06070673-01		06070673-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	190	165

YORK

Client Sample ID			ASR-11	
York Sample ID			06070673-03	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---
1,2,4-Trimethylbenzene			Not detected	5
1,3,5-Trimethylbenzene			Not detected	5
Benzene			2	1
Ethylbenzene			Not detected	5
Isopropylbenzene			Not detected	5
Methyl-tert-butyl ether			Not detected	5
Naphthalene			Not detected	5
n-Butylbenzene			Not detected	5
n-Propylbenzene			Not detected	5
o-Xylene			Not detected	5
p- & m- Xylenes			Not detected	5
p-Isopropyltoluene			Not detected	5
sec-Butylbenzene			Not detected	5
tert-Butylbenzene			Not detected	5
Toluene			Not detected	5
Base/Neutral Extractables water	SW846-8270	ug/L	---	---
1,2,4-Trichlorobenzene			Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0
2,4-Dinitrotoluene			Not detected	5.0
2,6-Dinitrotoluene			Not detected	5.0
2-Chloronaphthalene			Not detected	5.0
2-Methylnaphthalene			Not detected	5.0
2-Nitroaniline			Not detected	5.0
3,3'-Dichlorobenzidine			Not detected	5.0
3-Nitroaniline			Not detected	5.0
4-Bromophenyl phenyl ether			Not detected	5.0
4-Chloroaniline			Not detected	5.0
4-Chlorophenyl phenyl ether			Not detected	5.0
4-Nitroaniline			Not detected	5.0
Acenaphthene			Not detected	5.0
Acenaphthylene			Not detected	5.0
Anthracene			Not detected	5.0
Benzo(a)anthracene			Not detected	5.0
Benzo(a)pyrene			Not detected	5.0
Benzo(b)fluoranthene			Not detected	5.0
Benzo(g,h,i)perylene			Not detected	5.0
Benzo(k)fluoranthene			Not detected	5.0
Bis(2-chloroethoxy)methane			Not detected	5.0
Bis(2-chloroethyl)ether			Not detected	5.0
Bis(2-chloroisopropyl)ether			Not detected	5.0
Bis(2-ethylhexyl)phthalate			18	5.0
Butyl benzyl phthalate			Not detected	5.0
Carbazole			Not detected	5.0
Chrysene			Not detected	5.0
Dibenzo(a,h)anthracene			Not detected	5.0
Dibenzofuran			Not detected	5.0

YORK

Client Sample ID			ASR-11	
York Sample ID			06070673-03	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Diethylphthalate			Not detected	5.0
Dimethylphthalate			Not detected	5.0
Di-n-butylphthalate			Not detected	5.0
Di-n-octylphthalate			Not detected	5.0
Fluoranthene			Not detected	5.0
Fluorene			Not detected	5.0
Hexachlorobenzene			Not detected	5.0
Hexachlorobutadiene			Not detected	5.0
Hexachlorocyclopentadiene			Not detected	5.0
Hexachloroethane			Not detected	5.0
Indeno(1,2,3-cd)pyrene			Not detected	5.0
Isophorone			Not detected	5.0
Naphthalene			Not detected	5.0
Nitrobenzene			Not detected	5.0
N-Nitrosodi-n-propylamine			Not detected	5.0
N-Nitrosodiphenylamine			Not detected	5.0
Phenanthrene			Not detected	5.0
Pyrene			Not detected	5.0

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. 06070673

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: 8/1/2006

YORK

Q00010673 Page 1 of 1

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature)
ASR 62 William St NY NY 10005	Steve M	ASR	49 Dupont St Bklyn	Anthony Adesso (Name Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
5-10'	ASR-11	7/24/06		X			8270 BN / 8260 STARS	1802 1402
10-15'	ASR-11	7/24/06		X			8270BN / 8260 STARS	1802 1402
	ASR 11	7/24	X				8270 BN	1
	ASR 11	7/24	X				8260 STARS	2 vol

Chain-of-Custody Record

Bottles Relinquished from Lab by — Date/Time

Bottles Received in Field by — Date/Time

Sample Relinquished by — Date/Time 7/25

Sample Relinquished by — Date/Time

Sample Received by — Date/Time 7/25 1550

Sample Received in LAB by — Date/Time 7/25 1550

4.2°C

Comments/Special Instructions

Turn-Around Time

___Standard ___RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 8/2/2006
Re: Client Project ID: 49 Dupont St., Brooklyn
York Project No.: 06070672

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: 8/2/2006
Client Project ID: 49 Dupont St., Brooklyn
York Project No.: 06070672

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 07/25/06. The project was identifed as your project "49 Dupont St., Brooklyn ".

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			5-10' ASR-12		10-15' ASR-12	
York Sample ID			06070672-01		06070672-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	130
1,3,5-Trimethylbenzene			Not detected	10	Not detected	130
Benzene			Not detected	2.0	Not detected	25
Ethylbenzene			Not detected	10	Not detected	130
Isopropylbenzene			Not detected	10	Not detected	130
Methyl-tert-butyl ether			Not detected	10	Not detected	130
Naphthalene			Not detected	10	Not detected	130
n-Butylbenzene			Not detected	10	Not detected	130
n-Propylbenzene			Not detected	10	Not detected	130
o-Xylene			Not detected	10	Not detected	130
p- & m- Xylenes			Not detected	10	Not detected	130
p-Isopropyltoluene			Not detected	10	Not detected	130
sec-Butylbenzene			Not detected	10	Not detected	130
tert-Butylbenzene			Not detected	10	Not detected	130
Toluene			Not detected	10	Not detected	130

YORK

Client Sample ID			5-10' ASR-12		10-15' ASR-12	
York Sample ID			06070672-01		06070672-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

YORK

Client Sample ID			ASR-12	
York Sample ID			06070672-03	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---
1,2,4-Trimethylbenzene			Not detected	500
1,3,5-Trimethylbenzene			Not detected	500
Benzene			Not detected	100
Ethylbenzene			Not detected	500
Isopropylbenzene			Not detected	500
Methyl-tert-butyl ether			Not detected	500
Naphthalene			2300	500
n-Butylbenzene			Not detected	500
n-Propylbenzene			Not detected	500
o-Xylene			Not detected	500
p- & m- Xylenes			Not detected	500
p-Isopropyltoluene			Not detected	500
sec-Butylbenzene			Not detected	500
tert-Butylbenzene			Not detected	500
Toluene			Not detected	500
Base/Neutral Extractables water	SW846-8270	ug/L	---	---
1,2,4-Trichlorobenzene			Not detected	25.0
1,2-Dichlorobenzene			Not detected	25.0
1,3-Dichlorobenzene			Not detected	25.0
1,4-Dichlorobenzene			Not detected	25.0
2,4-Dinitrotoluene			Not detected	25.0
2,6-Dinitrotoluene			Not detected	25.0
2-Chloronaphthalene			Not detected	25.0
2-Methylnaphthalene			210	25.0
2-Nitroaniline			Not detected	25.0
3,3'-Dichlorobenzidine			Not detected	25.0
3-Nitroaniline			Not detected	25.0
4-Bromophenyl phenyl ether			Not detected	25.0
4-Chloroaniline			Not detected	25.0
4-Chlorophenyl phenyl ether			Not detected	25.0
4-Nitroaniline			Not detected	25.0
Acenaphthene			Not detected	25.0
Acenaphthylene			Not detected	25.0
Anthracene			Not detected	25.0
Benzo(a)anthracene			Not detected	25.0
Benzo(a)pyrene			Not detected	25.0
Benzo(b)fluoranthene			Not detected	25.0
Benzo(g,h,i)perylene			Not detected	25.0
Benzo(k)fluoranthene			Not detected	25.0
Bis(2-chloroethoxy)methane			Not detected	25.0
Bis(2-chloroethyl)ether			Not detected	25.0
Bis(2-chloroisopropyl)ether			Not detected	25.0
Bis(2-ethylhexyl)phthalate			Not detected	25.0
Butyl benzyl phthalate			Not detected	25.0
Carbazole			Not detected	25.0
Chrysene			Not detected	25.0
Dibenzo(a,h)anthracene			Not detected	25.0
Dibenzofuran			Not detected	25.0

YORK

Client Sample ID			ASR-12	
York Sample ID			06070672-03	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Diethylphthalate			Not detected	25.0
Dimethylphthalate			Not detected	25.0
Di-n-butylphthalate			Not detected	25.0
Di-n-octylphthalate			Not detected	25.0
Fluoranthene			Not detected	25.0
Fluorene			Not detected	25.0
Hexachlorobenzene			Not detected	25.0
Hexachlorobutadiene			Not detected	25.0
Hexachlorocyclopentadiene			Not detected	25.0
Hexachloroethane			Not detected	25.0
Indeno(1,2,3-cd)pyrene			Not detected	25.0
Isophorone			Not detected	25.0
Naphthalene			210	25.0
Nitrobenzene			Not detected	25.0
N-Nitrosodi-n-propylamine			Not detected	25.0
N-Nitrosodiphenylamine			Not detected	25.0
Phenanthrene			Not detected	25.0
Pyrene			Not detected	25.0

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. 06070672

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: 8/2/2006

YORK

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

06070612

Field Chain-of-Custody Record

Company Name	Report To:	Invoice To:	Project ID/No.	
ASR 62 William St NY NY 10005	Steve	ASR	49 Dupont St BKLyn	Samples Collected By (Signature) [signature]
				Name (Printed) Anthony Adesso

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
5-10'	ASR-12	7/24		X			8270 BN / 8260 STGS	1 8oz / 4oz
10-11'		7/24		X			" "	1 8oz / 4oz
		7/24	X				8270 BN	1 amber
		7/24	X				8260 STGS	2 VOL

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by [signature]	Date/Time 7/25/06	Sample Received by [signature] 72506	Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by [signature]	Date/Time 7/25 1:30

Comments/Special Instructions

42°C

Turn-Around Time

____Standard ____RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 8/3/2006
Re: Client Project ID: 49 Dupont St.
York Project No.: 06070674

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: 8/3/2006
Client Project ID: 49 Dupont St.
York Project No.: 06070674

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 07/25/06. The project was identifed as your project "49 Dupont St. ".

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			MW-1		MW-2	
York Sample ID			06070674-01		06070674-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	5	Not detected	5
1,3,5-Trimethylbenzene			Not detected	5	Not detected	5
Benzene			Not detected	1	Not detected	1
Ethylbenzene			Not detected	5	Not detected	5
Isopropylbenzene			5	5	Not detected	5
Methyl-tert-butyl ether			Not detected	5	Not detected	5
Naphthalene			75	5	Not detected	5
n-Butylbenzene			6	5	Not detected	5
n-Propylbenzene			7	5	Not detected	5
o-Xylene			Not detected	5	Not detected	5
p- & m- Xylenes			Not detected	5	Not detected	5
p-Isopropyltoluene			Not detected	5	Not detected	5
sec-Butylbenzene			9	5	Not detected	5
tert-Butylbenzene			Not detected	5	Not detected	5
Toluene			Not detected	5	Not detected	5

YORK

Client Sample ID			MW-1		MW-2	
York Sample ID			06070674-01		06070674-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables water	SW846-8270	ug/L	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	50.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	50.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	50.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	50.0	Not detected	5.0
2,4-Dinitrotoluene			Not detected	50.0	Not detected	5.0
2,6-Dinitrotoluene			Not detected	50.0	Not detected	5.0
2-Chloronaphthalene			Not detected	50.0	Not detected	5.0
2-Methylnaphthalene			Not detected	50.0	Not detected	5.0
2-Nitroaniline			Not detected	50.0	Not detected	5.0
3,3'-Dichlorobenzidine			Not detected	50.0	Not detected	5.0
3-Nitroaniline			Not detected	50.0	Not detected	5.0
4-Bromophenyl phenyl ether			Not detected	50.0	Not detected	5.0
4-Chloroaniline			Not detected	50.0	Not detected	5.0
4-Chlorophenyl phenyl ether			Not detected	50.0	Not detected	5.0
4-Nitroaniline			Not detected	50.0	Not detected	5.0
Acenaphthene			Not detected	50.0	Not detected	5.0
Acenaphthylene			Not detected	50.0	Not detected	5.0
Anthracene			Not detected	50.0	Not detected	5.0
Benzo(a)anthracene			Not detected	50.0	Not detected	5.0
Benzo(a)pyrene			Not detected	50.0	Not detected	5.0
Benzo(b)fluoranthene			Not detected	50.0	Not detected	5.0
Benzo(g,h,i)perylene			Not detected	50.0	Not detected	5.0
Benzo(k)fluoranthene			Not detected	50.0	Not detected	5.0
Bis(2-chloroethoxy)methane			Not detected	50.0	Not detected	5.0
Bis(2-chloroethyl)ether			Not detected	50.0	Not detected	5.0
Bis(2-chloroisopropyl)ether			Not detected	50.0	Not detected	5.0
Bis(2-ethylhexyl)phthalate			Not detected	50.0	Not detected	5.0
Butyl benzyl phthalate			Not detected	50.0	60	5.0
Carbazole			Not detected	50.0	Not detected	5.0
Chrysene			Not detected	50.0	Not detected	5.0
Dibenzo(a,h)anthracene			Not detected	50.0	Not detected	5.0
Dibenzofuran			Not detected	50.0	Not detected	5.0
Diethylphthalate			Not detected	50.0	Not detected	5.0
Dimethylphthalate			Not detected	50.0	Not detected	5.0
Di-n-butylphthalate			Not detected	50.0	Not detected	5.0
Di-n-octylphthalate			Not detected	50.0	Not detected	5.0
Fluoranthene			Not detected	50.0	Not detected	5.0
Fluorene			Not detected	50.0	Not detected	5.0
Hexachlorobenzene			75	50.0	Not detected	5.0
Hexachlorobutadiene			Not detected	50.0	Not detected	5.0
Hexachlorocyclopentadiene			Not detected	50.0	Not detected	5.0
Hexachloroethane			Not detected	50.0	Not detected	5.0
Indeno(1,2,3-cd)pyrene			Not detected	50.0	Not detected	5.0
Isophorone			Not detected	50.0	Not detected	5.0
Naphthalene			Not detected	50.0	Not detected	5.0
Nitrobenzene			99	50.0	Not detected	5.0
N-Nitrosodi-n-propylamine			Not detected	50.0	Not detected	5.0
N-Nitrosodiphenylamine			Not detected	50.0	Not detected	5.0
Phenanthrene			Not detected	50.0	Not detected	5.0
Pyrene			110	50.0	Not detected	5.0

YORK

Client Sample ID			MW-3		MW-4	
York Sample ID			06070674-03		06070674-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	5	PENDING	5
1,3,5-Trimethylbenzene			Not detected	5	PENDING	5
Benzene			Not detected	1	PENDING	1
Ethylbenzene			Not detected	5	PENDING	5
Isopropylbenzene			Not detected	5	PENDING	5
Methyl-tert-butyl ether			Not detected	5	PENDING	5
Naphthalene			Not detected	5	PENDING	5
n-Butylbenzene			Not detected	5	PENDING	5
n-Propylbenzene			Not detected	5	PENDING	5
o-Xylene			Not detected	5	PENDING	5
p- & m- Xylenes			Not detected	5	PENDING	5
p-Isopropyltoluene			Not detected	5	PENDING	5
sec-Butylbenzene			Not detected	5	PENDING	5
tert-Butylbenzene			Not detected	5	PENDING	5
Toluene			Not detected	5	PENDING	5
Base/Neutral Extractables water	SW846-8270	ug/L	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	12500
1,2-Dichlorobenzene			Not detected	5.0	Not detected	12500
1,3-Dichlorobenzene			Not detected	5.0	Not detected	12500
1,4-Dichlorobenzene			Not detected	5.0	Not detected	12500
2,4-Dinitrotoluene			Not detected	5.0	Not detected	12500
2,6-Dinitrotoluene			Not detected	5.0	Not detected	12500
2-Chloronaphthalene			Not detected	5.0	Not detected	12500
2-Methylnaphthalene			Not detected	5.0	Not detected	12500
2-Nitroaniline			Not detected	5.0	Not detected	12500
3,3'-Dichlorobenzidine			Not detected	5.0	Not detected	12500
3-Nitroaniline			Not detected	5.0	Not detected	12500
4-Bromophenyl phenyl ether			Not detected	5.0	Not detected	12500
4-Chloroaniline			Not detected	5.0	Not detected	12500
4-Chlorophenyl phenyl ether			Not detected	5.0	Not detected	12500
4-Nitroaniline			Not detected	5.0	Not detected	12500
Acenaphthene			Not detected	5.0	Not detected	12500
Acenaphthylene			Not detected	5.0	Not detected	12500
Anthracene			Not detected	5.0	Not detected	12500
Benzo(a)anthracene			Not detected	5.0	Not detected	12500
Benzo(a)pyrene			Not detected	5.0	Not detected	12500
Benzo(b)fluoranthene			Not detected	5.0	Not detected	12500
Benzo(g,h,i)perylene			Not detected	5.0	Not detected	12500
Benzo(k)fluoranthene			Not detected	5.0	Not detected	12500
Bis(2-chloroethoxy)methane			Not detected	5.0	Not detected	12500
Bis(2-chloroethyl)ether			Not detected	5.0	Not detected	12500
Bis(2-chloroisopropyl)ether			Not detected	5.0	Not detected	12500
Bis(2-ethylhexyl)phthalate			31	5.0	120000	12500
Butyl benzyl phthalate			Not detected	5.0	Not detected	12500
Carbazole			Not detected	5.0	Not detected	12500
Chrysene			Not detected	5.0	Not detected	12500
Dibenzo(a,h)anthracene			Not detected	5.0	Not detected	12500
Dibenzofuran			Not detected	5.0	Not detected	12500
Diethylphthalate			Not detected	5.0	Not detected	12500

YORK

Client Sample ID			MW-3		MW-4	
York Sample ID			06070674-03		06070674-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Dimethylphthalate			Not detected	5.0	Not detected	12500
Di-n-butylphthalate			Not detected	5.0	Not detected	12500
Di-n-octylphthalate			Not detected	5.0	160000	12500
Fluoranthene			Not detected	5.0	Not detected	12500
Fluorene			Not detected	5.0	Not detected	12500
Hexachlorobenzene			Not detected	5.0	Not detected	12500
Hexachlorobutadiene			Not detected	5.0	Not detected	12500
Hexachlorocyclopentadiene			Not detected	5.0	Not detected	12500
Hexachloroethane			Not detected	5.0	Not detected	12500
Indeno(1,2,3-cd)pyrene			Not detected	5.0	Not detected	12500
Isophorone			Not detected	5.0	Not detected	12500
Naphthalene			Not detected	5.0	Not detected	12500
Nitrobenzene			Not detected	5.0	Not detected	12500
N-Nitrosodi-n-propylamine			Not detected	5.0	Not detected	12500
N-Nitrosodiphenylamine			Not detected	5.0	Not detected	12500
Phenanthrene			Not detected	5.0	Not detected	12500
Pyrene			Not detected	5.0	Not detected	12500

Client Sample ID			MW-5		MW-6	
York Sample ID			06070674-05		06070674-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			6	5	11	5
1,3,5-Trimethylbenzene			Not detected	5	Not detected	5
Benzene			Not detected	1	Not detected	1
Ethylbenzene			Not detected	5	Not detected	5
Isopropylbenzene			Not detected	5	Not detected	5
Methyl-tert-butyl ether			Not detected	5	Not detected	5
Naphthalene			8	5	Not detected	5
n-Butylbenzene			Not detected	5	Not detected	5
n-Propylbenzene			Not detected	5	Not detected	5
o-Xylene			Not detected	5	Not detected	5
p- & m- Xylenes			Not detected	5	Not detected	5
p-Isopropyltoluene			Not detected	5	Not detected	5
sec-Butylbenzene			Not detected	5	Not detected	5
tert-Butylbenzene			Not detected	5	Not detected	5
Toluene			Not detected	5	Not detected	5
Base/Neutral Extractables water	SW846-8270	ug/L	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	50000	Not detected	250000
1,2-Dichlorobenzene			Not detected	50000	Not detected	250000
1,3-Dichlorobenzene			Not detected	50000	Not detected	250000
1,4-Dichlorobenzene			Not detected	50000	Not detected	250000
2,4-Dinitrotoluene			Not detected	50000	Not detected	250000
2,6-Dinitrotoluene			Not detected	50000	Not detected	250000
2-Chloronaphthalene			Not detected	50000	Not detected	250000
2-Methylnaphthalene			Not detected	50000	Not detected	250000
2-Nitroaniline			Not detected	50000	Not detected	250000
3,3'-Dichlorobenzidine			Not detected	50000	Not detected	250000

YORK

Client Sample ID			MW-5		MW-6	
York Sample ID			06070674-05		06070674-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
3-Nitroaniline			Not detected	50000	Not detected	250000
4-Bromophenyl phenyl ether			Not detected	50000	Not detected	250000
4-Chloroaniline			Not detected	50000	Not detected	250000
4-Chlorophenyl phenyl ether			Not detected	50000	Not detected	250000
4-Nitroaniline			Not detected	50000	Not detected	250000
Acenaphthene			Not detected	50000	Not detected	250000
Acenaphthylene			Not detected	50000	Not detected	250000
Anthracene			Not detected	50000	Not detected	250000
Benzo(a)anthracene			Not detected	50000	Not detected	250000
Benzo(a)pyrene			Not detected	50000	Not detected	250000
Benzo(b)fluoranthene			Not detected	50000	Not detected	250000
Benzo(g,h,i)perylene			Not detected	50000	Not detected	250000
Benzo(k)fluoranthene			Not detected	50000	Not detected	250000
Bis(2-chloroethoxy)methane			Not detected	50000	Not detected	250000
Bis(2-chloroethyl)ether			Not detected	50000	Not detected	250000
Bis(2-chloroisopropyl)ether			Not detected	50000	Not detected	250000
Bis(2-ethylhexyl)phthalate			780000	50000	1300000	250000
Butyl benzyl phthalate			Not detected	50000	Not detected	250000
Carbazole			Not detected	50000	Not detected	250000
Chrysene			Not detected	50000	Not detected	250000
Dibenzo(a,h)anthracene			Not detected	50000	Not detected	250000
Dibenzofuran			Not detected	50000	Not detected	250000
Diethylphthalate			Not detected	50000	Not detected	250000
Dimethylphthalate			Not detected	50000	Not detected	250000
Di-n-butylphthalate			Not detected	50000	Not detected	250000
Di-n-octylphthalate			90000	50000	Not detected	250000
Fluoranthene			Not detected	50000	Not detected	250000
Fluorene			Not detected	50000	Not detected	250000
Hexachlorobenzene			Not detected	50000	Not detected	250000
Hexachlorobutadiene			Not detected	50000	Not detected	250000
Hexachlorocyclopentadiene			Not detected	50000	Not detected	250000
Hexachloroethane			Not detected	50000	Not detected	250000
Indeno(1,2,3-cd)pyrene			Not detected	50000	Not detected	250000
Isophorone			Not detected	50000	Not detected	250000
Naphthalene			Not detected	50000	Not detected	250000
Nitrobenzene			Not detected	50000	Not detected	250000
N-Nitrosodi-n-propylamine			Not detected	50000	Not detected	250000
N-Nitrosodiphenylamine			Not detected	50000	Not detected	250000
Phenanthrene			Not detected	50000	Not detected	250000
Pyrene			Not detected	50000	Not detected	250000

Client Sample ID			MW-7		MW-8	
York Sample ID			06070674-07		06070674-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	5	Not detected	5
1,3,5-Trimethylbenzene			Not detected	5	Not detected	5
Benzene			Not detected	1	Not detected	1

YORK

Client Sample ID			MW-7		MW-8	
York Sample ID			06070674-07		06070674-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Ethylbenzene			Not detected	5	Not detected	5
Isopropylbenzene			Not detected	5	Not detected	5
Methyl-tert-butyl ether			Not detected	5	Not detected	5
Naphthalene			Not detected	5	Not detected	5
n-Butylbenzene			Not detected	5	Not detected	5
n-Propylbenzene			Not detected	5	Not detected	5
o-Xylene			Not detected	5	Not detected	5
p- & m- Xylenes			Not detected	5	Not detected	5
p-Isopropyltoluene			Not detected	5	Not detected	5
sec-Butylbenzene			Not detected	5	Not detected	5
tert-Butylbenzene			Not detected	5	Not detected	5
Toluene			Not detected	5	Not detected	5
Base/Neutral Extractables water	SW846-8270	ug/L	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	31300	Not detected	5.0
1,2-Dichlorobenzene			Not detected	31300	Not detected	5.0
1,3-Dichlorobenzene			Not detected	31300	Not detected	5.0
1,4-Dichlorobenzene			Not detected	31300	Not detected	5.0
2,4-Dinitrotoluene			Not detected	31300	Not detected	5.0
2,6-Dinitrotoluene			Not detected	31300	Not detected	5.0
2-Chloronaphthalene			Not detected	31300	Not detected	5.0
2-Methylnaphthalene			Not detected	31300	Not detected	5.0
2-Nitroaniline			Not detected	31300	Not detected	5.0
3,3'-Dichlorobenzidine			Not detected	31300	Not detected	5.0
3-Nitroaniline			Not detected	31300	Not detected	5.0
4-Bromophenyl phenyl ether			Not detected	31300	Not detected	5.0
4-Chloroaniline			Not detected	31300	Not detected	5.0
4-Chlorophenyl phenyl ether			Not detected	31300	Not detected	5.0
4-Nitroaniline			Not detected	31300	Not detected	5.0
Acenaphthene			Not detected	31300	Not detected	5.0
Acenaphthylene			Not detected	31300	Not detected	5.0
Anthracene			Not detected	31300	Not detected	5.0
Benzo(a)anthracene			Not detected	31300	Not detected	5.0
Benzo(a)pyrene			Not detected	31300	Not detected	5.0
Benzo(b)fluoranthene			Not detected	31300	Not detected	5.0
Benzo(g,h,i)perylene			Not detected	31300	Not detected	5.0
Benzo(k)fluoranthene			Not detected	31300	Not detected	5.0
Bis(2-chloroethoxy)methane			Not detected	31300	Not detected	5.0
Bis(2-chloroethyl)ether			Not detected	31300	Not detected	5.0
Bis(2-chloroisopropyl)ether			Not detected	31300	Not detected	5.0
Bis(2-ethylhexyl)phthalate			370000	31300	89	5.0
Butyl benzyl phthalate			Not detected	31300	Not detected	5.0
Carbazole			Not detected	31300	Not detected	5.0
Chrysene			Not detected	31300	Not detected	5.0
Dibenzo(a,h)anthracene			Not detected	31300	Not detected	5.0
Dibenzofuran			Not detected	31300	Not detected	5.0
Diethylphthalate			Not detected	31300	Not detected	5.0
Dimethylphthalate			Not detected	31300	Not detected	5.0
Di-n-butylphthalate			Not detected	31300	Not detected	5.0
Di-n-octylphthalate			Not detected	31300	Not detected	5.0
Fluoranthene			Not detected	31300	Not detected	5.0
Fluorene			Not detected	31300	Not detected	5.0

YORK

Client Sample ID			MW-7		MW-8	
York Sample ID			06070674-07		06070674-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Hexachlorobenzene			Not detected	31300	Not detected	5.0
Hexachlorobutadiene			Not detected	31300	Not detected	5.0
Hexachlorocyclopentadiene			Not detected	31300	Not detected	5.0
Hexachloroethane			Not detected	31300	Not detected	5.0
Indeno(1,2,3-cd)pyrene			Not detected	31300	Not detected	5.0
Isophorone			Not detected	31300	Not detected	5.0
Naphthalene			Not detected	31300	Not detected	5.0
Nitrobenzene			Not detected	31300	Not detected	5.0
N-Nitrosodi-n-propylamine			Not detected	31300	Not detected	5.0
N-Nitrosodiphenylamine			Not detected	31300	Not detected	5.0
Phenanthrene			Not detected	31300	Not detected	5.0
Pyrene			Not detected	31300	Not detected	5.0

Client Sample ID			MW-9		MW-10	
York Sample ID			06070674-09		06070674-10	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	5	Not detected	5
1,3,5-Trimethylbenzene			Not detected	5	Not detected	5
Benzene			Not detected	1	Not detected	1
Ethylbenzene			11	5	Not detected	5
Isopropylbenzene			8	5	Not detected	5
Methyl-tert-butyl ether			Not detected	5	Not detected	5
Naphthalene			71	5	Not detected	5
n-Butylbenzene			6	5	Not detected	5
n-Propylbenzene			10	5	Not detected	5
o-Xylene			Not detected	5	Not detected	5
p- & m- Xylenes			11	5	Not detected	5
p-Isopropyltoluene			Not detected	5	Not detected	5
sec-Butylbenzene			Not detected	5	Not detected	5
tert-Butylbenzene			Not detected	5	Not detected	5
Toluene			Not detected	5	Not detected	5
Base/Neutral Extractables water	SW846-8270	ug/L	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	50.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	50.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	50.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	50.0	Not detected	5.0
2,4-Dinitrotoluene			Not detected	50.0	Not detected	5.0
2,6-Dinitrotoluene			Not detected	50.0	Not detected	5.0
2-Chloronaphthalene			Not detected	50.0	Not detected	5.0
2-Methylnaphthalene			Not detected	50.0	Not detected	5.0
2-Nitroaniline			Not detected	50.0	Not detected	5.0
3,3'-Dichlorobenzidine			Not detected	50.0	Not detected	5.0
3-Nitroaniline			Not detected	50.0	Not detected	5.0
4-Bromophenyl phenyl ether			Not detected	50.0	Not detected	5.0
4-Chloroaniline			Not detected	50.0	Not detected	5.0
4-Chlorophenyl phenyl ether			Not detected	50.0	Not detected	5.0
4-Nitroaniline			Not detected	50.0	Not detected	5.0

YORK

Client Sample ID			MW-9		MW-10	
York Sample ID			06070674-09		06070674-10	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Acenaphthene			Not detected	50.0	Not detected	5.0
Acenaphthylene			Not detected	50.0	Not detected	5.0
Anthracene			Not detected	50.0	Not detected	5.0
Benzo(a)anthracene			Not detected	50.0	Not detected	5.0
Benzo(a)pyrene			Not detected	50.0	Not detected	5.0
Benzo(b)fluoranthene			Not detected	50.0	Not detected	5.0
Benzo(g,h,i)perylene			Not detected	50.0	Not detected	5.0
Benzo(k)fluoranthene			Not detected	50.0	Not detected	5.0
Bis(2-chloroethoxy)methane			Not detected	50.0	Not detected	5.0
Bis(2-chloroethyl)ether			Not detected	50.0	Not detected	5.0
Bis(2-chloroisopropyl)ether			Not detected	50.0	Not detected	5.0
Bis(2-ethylhexyl)phthalate			Not detected	50.0	6	5.0
Butyl benzyl phthalate			Not detected	50.0	Not detected	5.0
Carbazole			Not detected	50.0	Not detected	5.0
Chrysene			Not detected	50.0	Not detected	5.0
Dibenzo(a,h)anthracene			Not detected	50.0	Not detected	5.0
Dibenzofuran			Not detected	50.0	Not detected	5.0
Diethylphthalate			Not detected	50.0	Not detected	5.0
Dimethylphthalate			Not detected	50.0	Not detected	5.0
Di-n-butylphthalate			Not detected	50.0	Not detected	5.0
Di-n-octylphthalate			Not detected	50.0	Not detected	5.0
Fluoranthene			Not detected	50.0	Not detected	5.0
Fluorene			Not detected	50.0	Not detected	5.0
Hexachlorobenzene			Not detected	50.0	Not detected	5.0
Hexachlorobutadiene			Not detected	50.0	Not detected	5.0
Hexachlorocyclopentadiene			Not detected	50.0	Not detected	5.0
Hexachloroethane			Not detected	50.0	Not detected	5.0
Indeno(1,2,3-cd)pyrene			Not detected	50.0	Not detected	5.0
Isophorone			Not detected	50.0	Not detected	5.0
Naphthalene			Not detected	50.0	Not detected	5.0
Nitrobenzene			Not detected	50.0	Not detected	5.0
N-Nitrosodi-n-propylamine			Not detected	50.0	Not detected	5.0
N-Nitrosodiphenylamine			Not detected	50.0	Not detected	5.0
Phenanthrene			Not detected	50.0	Not detected	5.0
Pyrene			Not detected	50.0	Not detected	5.0

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

YORK

Report Date: 8/3/2006
Client Project ID: 49 Dupont St.
York Project No.: 06070674

Notes for York Project No. 06070674

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: _____ **Date:** 8/3/2006
Robert Q. Bradley
Managing Director

YORK

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

06070674

Field Chain-of-Custody Record

Company Name	Report To:	Invoice To:	Project ID/No.	
ASR 62 William St NY NY 10005	Steve M-	ASR	49 Dupont ST Bklyn	Samples Collected By (Signature): [signature] Name (Printed): Anthony Adesso

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	MW-1	7/24	X				8270 BN 8260 STARS	1 amber 2 vol
	MW-2							
	MW-3							
	MW-4							
	MW-5							
	MW-6							
	MW-7							
	MW-8							

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by [signature]	Date/Time 7/25	Sample Received by [signature]	Date/Time 7/25 4:30
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by [signature]	Date/Time

Comments/Special Instructions

4.2.C

Turn-Around Time

____Standard ____RUSH(define)_____

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

Field Chain-of-Custody Record

0000074

Company Name	Report To:	Invoice To:	Project ID/No.	
ASR 62 William St NY NY 10005	STEVE M.	ASR	49 Dupont St Brklyn	Samples Collected By (Signature)
				Anthony Adesso Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	MW-9	7/24	X				8270 BN - 8260 STARS	1 amber 2 VOL
	MW-10		X					
	~~MW-11~~		~~X~~					

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	7/25 Date/Time	Sample Received by	7/25 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	7/25 1430 Date/Time

Comments/Special Instructions

4.2°C

Turn-Around Time

____Standard ____RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 9/27/2006
Re: Client Project ID: 49 Dupont St, Bklyn
York Project No.: 06090661

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: 9/27/2006
Client Project ID: 49 Dupont St., Bklyn
York Project No.: 06090661

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 09/19/06. The project was identifed as your project "49 Dupont St., Bklyn ".

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			MW-11		MW-12	
York Sample ID			06090661-01		06090661-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	5	Not detected	5
1,3,5-Trimethylbenzene			Not detected	5	Not detected	5
Benzene			Not detected	1	Not detected	1
Ethylbenzene			Not detected	5	Not detected	5
Isopropylbenzene			Not detected	5	Not detected	5
Methyl-tert-butyl ether			Not detected	5	Not detected	5
Naphthalene			Not detected	5	8	5
n-Butylbenzene			Not detected	5	Not detected	5
n-Propylbenzene			Not detected	5	Not detected	5
o-Xylene			Not detected	5	Not detected	5
p- & m- Xylenes			Not detected	5	Not detected	5
p-Isopropyltoluene			Not detected	5	Not detected	5
sec-Butylbenzene			Not detected	5	Not detected	5
tert-Butylbenzene			Not detected	5	Not detected	5
Toluene			Not detected	5	Not detected	5

YORK

Client Sample ID			MW-11		MW-12	
York Sample ID			06090661-01		06090661-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables water	SW846-8270	ug/L	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
2,4-Dinitrotoluene			Not detected	5.0	Not detected	5.0
2,6-Dinitrotoluene			Not detected	5.0	Not detected	5.0
2-Chloronaphthalene			Not detected	5.0	Not detected	5.0
2-Methylnaphthalene			Not detected	5.0	Not detected	5.0
2-Nitroaniline			Not detected	5.0	Not detected	5.0
3,3'-Dichlorobenzidine			Not detected	5.0	Not detected	5.0
3-Nitroaniline			Not detected	5.0	Not detected	5.0
4-Bromophenyl phenyl ether			Not detected	5.0	Not detected	5.0
4-Chloroaniline			Not detected	5.0	Not detected	5.0
4-Chlorophenyl phenyl ether			Not detected	5.0	Not detected	5.0
4-Nitroaniline			Not detected	5.0	Not detected	5.0
Acenaphthene			Not detected	5.0	Not detected	5.0
Acenaphthylene			Not detected	5.0	Not detected	5.0
Anthracene			Not detected	5.0	Not detected	5.0
Benzo(a)anthracene			Not detected	5.0	Not detected	5.0
Benzo(a)pyrene			Not detected	5.0	Not detected	5.0
Benzo(b)fluoranthene			Not detected	5.0	Not detected	5.0
Benzo(g,h,i)perylene			Not detected	5.0	Not detected	5.0
Benzo(k)fluoranthene			Not detected	5.0	Not detected	5.0
Bis(2-chloroethoxy)methane			Not detected	5.0	Not detected	5.0
Bis(2-chloroethyl)ether			Not detected	5.0	Not detected	5.0
Bis(2-chloroisopropyl)ether			Not detected	5.0	Not detected	5.0
Bis(2-ethylhexyl)phthalate			Not detected	5.0	Not detected	5.0
Butyl benzyl phthalate			Not detected	5.0	17	5.0
Carbazole			Not detected	5.0	Not detected	5.0
Chrysene			Not detected	5.0	Not detected	5.0
Dibenzo(a,h)anthracene			Not detected	5.0	Not detected	5.0
Dibenzofuran			Not detected	5.0	Not detected	5.0
Diethylphthalate			Not detected	5.0	Not detected	5.0
Dimethylphthalate			Not detected	5.0	Not detected	5.0
Di-n-butylphthalate			Not detected	5.0	Not detected	5.0
Di-n-octylphthalate			Not detected	5.0	Not detected	5.0
Fluoranthene			Not detected	5.0	Not detected	5.0
Fluorene			Not detected	5.0	Not detected	5.0
Hexachlorobenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Hexachlorocyclopentadiene			Not detected	5.0	Not detected	5.0
Hexachloroethane			Not detected	5.0	Not detected	5.0
Indeno(1,2,3-cd)pyrene			Not detected	5.0	Not detected	5.0
Isophorone			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
Nitrobenzene			Not detected	5.0	Not detected	5.0
N-Nitrosodi-n-propylamine			Not detected	5.0	Not detected	5.0
N-Nitrosodiphenylamine			Not detected	5.0	Not detected	5.0
Phenanthrene			Not detected	5.0	Not detected	5.0
Pyrene			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			MW-13		MW-14	
York Sample ID			06090661-03		06090661-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	5	Not detected	5
1,3,5-Trimethylbenzene			Not detected	5	Not detected	5
Benzene			Not detected	1	Not detected	1
Ethylbenzene			Not detected	5	Not detected	5
Isopropylbenzene			Not detected	5	Not detected	5
Methyl-tert-butyl ether			Not detected	5	Not detected	5
Naphthalene			Not detected	5	Not detected	5
n-Butylbenzene			Not detected	5	Not detected	5
n-Propylbenzene			Not detected	5	Not detected	5
o-Xylene			Not detected	5	Not detected	5
p- & m- Xylenes			Not detected	5	Not detected	5
p-Isopropyltoluene			Not detected	5	Not detected	5
sec-Butylbenzene			Not detected	5	Not detected	5
tert-Butylbenzene			Not detected	5	Not detected	5
Toluene			Not detected	5	Not detected	5
Base/Neutral Extractables water	SW846-8270	ug/L	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.25
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.25
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.25
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.25
2,4-Dinitrotoluene			Not detected	5.0	Not detected	5.25
2,6-Dinitrotoluene			Not detected	5.0	Not detected	5.25
2-Chloronaphthalene			Not detected	5.0	Not detected	5.25
2-Methylnaphthalene			Not detected	5.0	Not detected	5.25
2-Nitroaniline			Not detected	5.0	Not detected	5.25
3,3'-Dichlorobenzidine			Not detected	5.0	Not detected	5.25
3-Nitroaniline			Not detected	5.0	Not detected	5.25
4-Bromophenyl phenyl ether			Not detected	5.0	Not detected	5.25
4-Chloroaniline			Not detected	5.0	Not detected	5.25
4-Chlorophenyl phenyl ether			Not detected	5.0	Not detected	5.25
4-Nitroaniline			Not detected	5.0	Not detected	5.25
Acenaphthene			Not detected	5.0	Not detected	5.25
Acenaphthylene			Not detected	5.0	Not detected	5.25
Anthracene			Not detected	5.0	Not detected	5.25
Benzo(a)anthracene			Not detected	5.0	Not detected	5.25
Benzo(a)pyrene			Not detected	5.0	Not detected	5.25
Benzo(b)fluoranthene			Not detected	5.0	Not detected	5.25
Benzo(g,h,i)perylene			Not detected	5.0	Not detected	5.25
Benzo(k)fluoranthene			Not detected	5.0	Not detected	5.25
Bis(2-chloroethoxy)methane			Not detected	5.0	Not detected	5.25
Bis(2-chloroethyl)ether			Not detected	5.0	Not detected	5.25
Bis(2-chloroisopropyl)ether			Not detected	5.0	Not detected	5.25
Bis(2-ethylhexyl)phthalate			Not detected	5.0	Not detected	5.25
Butyl benzyl phthalate			Not detected	5.0	Not detected	5.25
Carbazole			Not detected	5.0	Not detected	5.25
Chrysene			Not detected	5.0	Not detected	5.25
Dibenzo(a,h)anthracene			Not detected	5.0	Not detected	5.25
Dibenzofuran			Not detected	5.0	Not detected	5.25

YORK

Client Sample ID			MW-13		MW-14	
York Sample ID			06090661-03		06090661-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Diethylphthalate			Not detected	5.0	Not detected	5.25
Dimethylphthalate			Not detected	5.0	Not detected	5.25
Di-n-butylphthalate			Not detected	5.0	Not detected	5.25
Di-n-octylphthalate			Not detected	5.0	Not detected	5.25
Fluoranthene			Not detected	5.0	Not detected	5.25
Fluorene			Not detected	5.0	Not detected	5.25
Hexachlorobenzene			Not detected	5.0	Not detected	5.25
Hexachlorobutadiene			Not detected	5.0	Not detected	5.25
Hexachlorocyclopentadiene			Not detected	5.0	Not detected	5.25
Hexachloroethane			Not detected	5.0	Not detected	5.25
Indeno(1,2,3-cd)pyrene			Not detected	5.0	Not detected	5.25
Isophorone			Not detected	5.0	Not detected	5.25
Naphthalene			Not detected	5.0	Not detected	5.25
Nitrobenzene			Not detected	5.0	Not detected	5.25
N-Nitrosodi-n-propylamine			Not detected	5.0	Not detected	5.25
N-Nitrosodiphenylamine			Not detected	5.0	Not detected	5.25
Phenanthrene			Not detected	5.0	Not detected	5.25
Pyrene			Not detected	5.0	Not detected	5.25

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. 06090661

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: 9/27/2006

YORK

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

Field Chain-of-Custody Record

Page 1 of 1

0609061

Company Name	Report To:	Invoice To:	Project ID/No.
Advanced Site Restoration	Steve N	ASR	49 Depot St Bklyn

Samples Collected By (Signature)

Anthony Addesso
Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	MW-11	9/18	X				8270 BN	1 Amber
	MW-11		X				8260 STARS	2 vols
	MW-12		X				8270 BN	1 Amber
	MW-12		X				8260 STARS	2 vols
	MW-13		X				8270 BN	1 Amber
	MW-13		X				8260 STARS	2 vols
	MW-14		X				8270 BN	1 Amber
	MW-14		X				8260 STARS	2 vols

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	9/18/06 Date/Time	Sample Received by	9/19/06 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	9/19 3:12 Date/Time

Comments/Special Instructions

4.2.c

Turn-Around Time

___Standard ___RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 8/1/2006
Re: Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070673

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: 8/1/2006
Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070673

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 07/25/06. The project was identifed as your project "49 Dupont St., Brooklyn, NY".

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			5-10' ASR-11		10-15' ASR-11	
York Sample ID			06070673-01		06070673-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
Benzene			Not detected	2.0	Not detected	2.0
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methyl-tert-butyl ether			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m- Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10

YORK

Client Sample ID			5-10' ASR-11		10-15' ASR-11	
York Sample ID			06070673-01		06070673-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	190	165

YORK

Client Sample ID			ASR-11	
York Sample ID			06070673-03	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---
1,2,4-Trimethylbenzene			Not detected	5
1,3,5-Trimethylbenzene			Not detected	5
Benzene			2	1
Ethylbenzene			Not detected	5
Isopropylbenzene			Not detected	5
Methyl-tert-butyl ether			Not detected	5
Naphthalene			Not detected	5
n-Butylbenzene			Not detected	5
n-Propylbenzene			Not detected	5
o-Xylene			Not detected	5
p- & m- Xylenes			Not detected	5
p-Isopropyltoluene			Not detected	5
sec-Butylbenzene			Not detected	5
tert-Butylbenzene			Not detected	5
Toluene			Not detected	5
Base/Neutral Extractables water	SW846-8270	ug/L	---	---
1,2,4-Trichlorobenzene			Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0
2,4-Dinitrotoluene			Not detected	5.0
2,6-Dinitrotoluene			Not detected	5.0
2-Chloronaphthalene			Not detected	5.0
2-Methylnaphthalene			Not detected	5.0
2-Nitroaniline			Not detected	5.0
3,3'-Dichlorobenzidine			Not detected	5.0
3-Nitroaniline			Not detected	5.0
4-Bromophenyl phenyl ether			Not detected	5.0
4-Chloroaniline			Not detected	5.0
4-Chlorophenyl phenyl ether			Not detected	5.0
4-Nitroaniline			Not detected	5.0
Acenaphthene			Not detected	5.0
Acenaphthylene			Not detected	5.0
Anthracene			Not detected	5.0
Benzo(a)anthracene			Not detected	5.0
Benzo(a)pyrene			Not detected	5.0
Benzo(b)fluoranthene			Not detected	5.0
Benzo(g,h,i)perylene			Not detected	5.0
Benzo(k)fluoranthene			Not detected	5.0
Bis(2-chloroethoxy)methane			Not detected	5.0
Bis(2-chloroethyl)ether			Not detected	5.0
Bis(2-chloroisopropyl)ether			Not detected	5.0
Bis(2-ethylhexyl)phthalate			18	5.0
Butyl benzyl phthalate			Not detected	5.0
Carbazole			Not detected	5.0
Chrysene			Not detected	5.0
Dibenzo(a,h)anthracene			Not detected	5.0
Dibenzofuran			Not detected	5.0

YORK

Client Sample ID			ASR-11	
York Sample ID			06070673-03	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Diethylphthalate			Not detected	5.0
Dimethylphthalate			Not detected	5.0
Di-n-butylphthalate			Not detected	5.0
Di-n-octylphthalate			Not detected	5.0
Fluoranthene			Not detected	5.0
Fluorene			Not detected	5.0
Hexachlorobenzene			Not detected	5.0
Hexachlorobutadiene			Not detected	5.0
Hexachlorocyclopentadiene			Not detected	5.0
Hexachloroethane			Not detected	5.0
Indeno(1,2,3-cd)pyrene			Not detected	5.0
Isophorone			Not detected	5.0
Naphthalene			Not detected	5.0
Nitrobenzene			Not detected	5.0
N-Nitrosodi-n-propylamine			Not detected	5.0
N-Nitrosodiphenylamine			Not detected	5.0
Phenanthrene			Not detected	5.0
Pyrene			Not detected	5.0

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. 06070673

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: 8/1/2006

YORK

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

00010673

Page 1 of 1

Company Name	Report To:	Invoice To:	Project ID/No.
ASR 62 William St NY NY 10005	Steve M	ASR	49 DuPont St Bklyn

Samples Collected By (Signature)

Anthony Addeo
Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
5-10'	ASR-11	7/24/06		X			8270 BN / 8260 STARS	1802 1402
10-15'	ASR-11	7/24/06		X			8270 BN / 8260 STARS	1802 1402
	ASR-11	7/24	X				8270 BN	1
	ASR-11	7/24	X				8260 STARS	2 vial

Chain-of-Custody Record

Bottles Relinquished from Lab by — Date/Time

Bottles Received in Field by — Date/Time

Sample Relinquished by — Date/Time 7/25

Sample Relinquished by — Date/Time

Sample Received by — Date/Time 7/25 0650

Sample Received in LAB by — Date/Time 7/25 0650

4.2°C

Comments/Special Instructions

Turn-Around Time

___Standard ___RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 8/2/2006
Re: Client Project ID: 49 Dupont St., Brooklyn
York Project No.: 06070672

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: 8/2/2006
Client Project ID: 49 Dupont St., Brooklyn
York Project No.: 06070672

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 07/25/06. The project was identifed as your project "49 Dupont St., Brooklyn ".

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			5-10' ASR-12		10-15' ASR-12	
York Sample ID			06070672-01		06070672-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	130
1,3,5-Trimethylbenzene			Not detected	10	Not detected	130
Benzene			Not detected	2.0	Not detected	25
Ethylbenzene			Not detected	10	Not detected	130
Isopropylbenzene			Not detected	10	Not detected	130
Methyl-tert-butyl ether			Not detected	10	Not detected	130
Naphthalene			Not detected	10	Not detected	130
n-Butylbenzene			Not detected	10	Not detected	130
n-Propylbenzene			Not detected	10	Not detected	130
o-Xylene			Not detected	10	Not detected	130
p- & m- Xylenes			Not detected	10	Not detected	130
p-Isopropyltoluene			Not detected	10	Not detected	130
sec-Butylbenzene			Not detected	10	Not detected	130
tert-Butylbenzene			Not detected	10	Not detected	130
Toluene			Not detected	10	Not detected	130

YORK

Client Sample ID			5-10' ASR-12		10-15' ASR-12	
York Sample ID			06070672-01		06070672-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

YORK

Client Sample ID			ASR-12	
York Sample ID			06070672-03	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---
1,2,4-Trimethylbenzene			Not detected	500
1,3,5-Trimethylbenzene			Not detected	500
Benzene			Not detected	100
Ethylbenzene			Not detected	500
Isopropylbenzene			Not detected	500
Methyl-tert-butyl ether			Not detected	500
Naphthalene			2300	500
n-Butylbenzene			Not detected	500
n-Propylbenzene			Not detected	500
o-Xylene			Not detected	500
p- & m- Xylenes			Not detected	500
p-Isopropyltoluene			Not detected	500
sec-Butylbenzene			Not detected	500
tert-Butylbenzene			Not detected	500
Toluene			Not detected	500
Base/Neutral Extractables water	SW846-8270	ug/L	---	---
1,2,4-Trichlorobenzene			Not detected	25.0
1,2-Dichlorobenzene			Not detected	25.0
1,3-Dichlorobenzene			Not detected	25.0
1,4-Dichlorobenzene			Not detected	25.0
2,4-Dinitrotoluene			Not detected	25.0
2,6-Dinitrotoluene			Not detected	25.0
2-Chloronaphthalene			Not detected	25.0
2-Methylnaphthalene			210	25.0
2-Nitroaniline			Not detected	25.0
3,3'-Dichlorobenzidine			Not detected	25.0
3-Nitroaniline			Not detected	25.0
4-Bromophenyl phenyl ether			Not detected	25.0
4-Chloroaniline			Not detected	25.0
4-Chlorophenyl phenyl ether			Not detected	25.0
4-Nitroaniline			Not detected	25.0
Acenaphthene			Not detected	25.0
Acenaphthylene			Not detected	25.0
Anthracene			Not detected	25.0
Benzo(a)anthracene			Not detected	25.0
Benzo(a)pyrene			Not detected	25.0
Benzo(b)fluoranthene			Not detected	25.0
Benzo(g,h,i)perylene			Not detected	25.0
Benzo(k)fluoranthene			Not detected	25.0
Bis(2-chloroethoxy)methane			Not detected	25.0
Bis(2-chloroethyl)ether			Not detected	25.0
Bis(2-chloroisopropyl)ether			Not detected	25.0
Bis(2-ethylhexyl)phthalate			Not detected	25.0
Butyl benzyl phthalate			Not detected	25.0
Carbazole			Not detected	25.0
Chrysene			Not detected	25.0
Dibenzo(a,h)anthracene			Not detected	25.0
Dibenzofuran			Not detected	25.0

YORK

Client Sample ID			ASR-12	
York Sample ID			06070672-03	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Diethylphthalate			Not detected	25.0
Dimethylphthalate			Not detected	25.0
Di-n-butylphthalate			Not detected	25.0
Di-n-octylphthalate			Not detected	25.0
Fluoranthene			Not detected	25.0
Fluorene			Not detected	25.0
Hexachlorobenzene			Not detected	25.0
Hexachlorobutadiene			Not detected	25.0
Hexachlorocyclopentadiene			Not detected	25.0
Hexachloroethane			Not detected	25.0
Indeno(1,2,3-cd)pyrene			Not detected	25.0
Isophorone			Not detected	25.0
Naphthalene			210	25.0
Nitrobenzene			Not detected	25.0
N-Nitrosodi-n-propylamine			Not detected	25.0
N-Nitrosodiphenylamine			Not detected	25.0
Phenanthrene			Not detected	25.0
Pyrene			Not detected	25.0

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. 06070672

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: 8/2/2006

YORK

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

06070672

Field Chain-of-Custody Record

Company Name	Report To:	Invoice To:	Project ID/No.	
ASR 62 William St NY NY 10005	Steve	ASR	49 Dupont St BKLyn	Samples Collected By (Signature) [signature]
				Name (Printed) Anthony Adesso

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
5-10'	ASR-12	7/24		X			8270 BN / 8260 STGS	1 803 / 402
10-11'		7/24		X			" "	1 802 / 402
		7/24	X				8270 BN	1 amber
		7/24	X				8260 STGS	2 VOL

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by [signature]	Date/Time 7/25/06	Sample Received by [signature] 72506	Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by [signature]	Date/Time 7/25 4:30

Comments/Special Instructions

42°C

Turn-Around Time

____Standard ____RUSH(define)_____

APPENDIX - E

Manifests

Land Disposal Restriction & Certification Form

Please check the appropriate facility:

☐ **Michigan Disposal Waste Treatment Plant**	49350 N. I-94 Service Drive, Belleville, MI 48111	EPA ID # MID 000 724 831
☐ **Wayne Disposal, Inc. Site #2 Landfill**	49350 N. I-94 Service Drive, Belleville, MI 48111	EPA ID # MID 048 090 633
☒ **EQ Detroit, Inc.**	1923 Frederick Street, Detroit, MI 48211	EPA ID # MID 980 991 566
☐ **EQ Resource Recovery, Inc.**	36345 Van Born Road, Romulus, MI 48174	EPA ID # MID 060 975 844
☐ **EQ North Carolina**	1005 Investment Blvd, Apex, NC 27502	EPA ID # NCD 982 170 292
☐ **EQ Florida, Inc.**	7202 East 8th Ave, Tampa, FL 33619	EPA ID # FLD 981 932 494

Generator Name: Nu Hart & Company **U.S. EPA ID No.:** NYD 001468354

Generator Address: 49-55 DuPont Avenue, Brooklyn, NY 11222

State Manifest No.: 00129324S **Manifest Doc. No.:** 00129324S

Instructions

Column 1: Identify all U.S. EPA hazardous waste codes that apply to this waste shipment.
Column 2: Choose the appropriate treatability group: Non-Wastewater (NWW) or Wastewater (WW).
Column 3: Enter the appropriate Subcategory, if applicable, and also enter "Contaminated Soil" or "Debris" if the waste will be treated using one of the alternative treatment technologies provided by 268.49 (c) – soil, or 268.45 – debris.
Column 4: Enter the letter of the appropriate paragraph from pages 1-2 of this form.
Column 5: For F001 – F005, F039, D001 – D043, Debris and Contaminated Soil: please enter the Reference Number(s) for any constituents in your waste stream subject to treatment. The Reference Number(s) can be found in the EQ Resource Guide, LDR/UHC Constituent Table.

Manifest Line Item	U.S. EPA Hazardous Waste Code (s)	NWW or WW	Subcategory	How Must the Waste be Managed?	Reference Number(s) of Hazardous Constituents contained in the waste. Complete for F001-F005, F039, D001-D043, Soil and Debris wastes.
11A	U028	NWW	N/A	A	None
11B	U028	NWW	N/A	A, S	None
11C					
11D					

I hereby certify that all information submitted on this and all associated documents is complete and accurate to the best of my knowledge and information.

Generator Signature: REP. FOR OWNER **Title:** REP. FOR OWNER

Printed Name: E. VARGAS **Date:** 2/14/07

How Must the Waste Be Managed?

S. THIS CONTAMINATED SOIL (*DOES* / *DOES NOT*) (CIRCLE ONE) CONTAIN LISTED HAZARDOUS WASTE AND *DOES* / (*DOES NOT*) (CIRCLE ONE) EXHIBIT A CHARACTERISTIC OF HAZARDOUS WASTE AND (*IS SUBJECT TO* / *COMPLIES WITH*) (CIRCLE ONE) THE SOIL TREATMENT STANDARDS AS PROVIDED BY 268.49(c) OR THE UNIVERSAL TREATMENT STANDARDS. I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

Land Disposal Restriction & Certification Form

Please check the appropriate facility:

☐ **Michigan Disposal Waste Treatment Plant**	49350 N. I-94 Service Drive, Belleville, MI 48111	EPA ID # MID 000 724 831
☐ **Wayne Disposal, Inc. Site #2 Landfill**	49350 N. I-94 Service Drive, Belleville, MI 48111	EPA ID # MID 048 090 633
☒ **EQ Detroit, Inc.**	1923 Frederick Street, Detroit, MI 48211	EPA ID # MID 980 991 566
☐ **EQ Resource Recovery, Inc.**	36345 Van Born Road, Romulus, MI 48174	EPA ID # MID 060 975 844
☐ **EQ North Carolina**	1005 Investment Blvd, Apex, NC 27502	EPA ID # NCD 982 170 292
☐ **EQ Florida, Inc.**	7202 East 8th Ave, Tampa, FL 33619	EPA ID # FLD 981 932 494

Generator Name: Nu Hart & Company **U.S. EPA ID No.:** NYD 001468354

Generator Address: 49-55 DuPont Avenue, Brooklyn, NY 11222

State Manifest No.: 00129324S **Manifest Doc. No.:** 00129324S

Instructions

Column 1: Identify all U.S. EPA hazardous waste codes that apply to this waste shipment.
Column 2: Choose the appropriate treatability group: Non-Wastewater (NWW) or Wastewater (WW).
Column 3: Enter the appropriate Subcategory, if applicable, and also enter "Contaminated Soil" or "Debris" if the waste will be treated using one of the alternative treatment technologies provided by 268.49 (c) – soil, or 268.45 – debris.
Column 4: Enter the letter of the appropriate paragraph from pages 1-2 of this form.
Column 5: For F001 – F005, F039, D001 – D043, Debris and Contaminated Soil: please enter the Reference Number(s) for any constituents in your waste stream subject to treatment. The Reference Number(s) can be found in the EQ Resource Guide, LDR/UHC Constituent Table.

Manifest Line Item	U.S. EPA Hazardous Waste Code (s)	NWW or WW	Subcategory	How Must the Waste be Managed?	Reference Number(s) of Hazardous Constituents contained in the waste. Complete for F001-F005, F039, D001-D043, Soil and Debris wastes.
11A	U028	NWW	N/A	A	None
11B	U028	NWW	N/A	A, S	None
11C					
11D					

I hereby certify that all information submitted on this and all associated documents is complete and accurate to the best of my knowledge and information.

Generator Signature: REP. FOR OWNER **Title:** REP. FOR OWNER

Printed Name: E. Vazquez **Date:** 2/14/07

How Must the Waste Be Managed?

S. THIS CONTAMINATED SOIL *DOES* / *DOES NOT* (CIRCLE ONE) CONTAIN LISTED HAZARDOUS WASTE AND *DOES* / *DOES NOT* (CIRCLE ONE) EXHIBIT A CHARACTERISTIC OF HAZARDOUS WASTE AND *IS SUBJECT TO* / *COMPLIES WITH* (CIRCLE ONE) THE SOIL TREATMENT STANDARDS AS PROVIDED BY 268.49(c) OR THE UNIVERSAL TREATMENT STANDARDS. I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

10803-1

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 NYD001468354	2. Page 1 of 1	3. Emergency Response Phone 631 589 5800	4. Manifest Tracking Number 001293018 JJK

GENERATOR

5. Generator's Name and Mailing Address
MD-HART & COMPANY
345 BAYSHORE RD
DEER PARK, NY 11729
Generator's Phone: 631 586 9444

Generator's Site Address (if different than mailing address)
41-55 DUPONT AVE
BROOKLYN, NY 11222

6. Transporter 1 Company Name
US ENVIRONMENTAL, INC
U.S. EPA ID Number PAR 000574041

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
E.I. DUPONT DE NEMOURS
CHAMBERS WORKS - ROUTE 130
DEEPWATER, NJ 08023
Facility's Phone: 856 540 2773
U.S. EPA ID Number NJD 002 385730

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		
X	1. RQ HAZARDOUS WASTE, LIQUID, N.O.S. (ACETONE), 9, NA3082, PG III, (D001), ERG 171	1	TT	1310	G	D001		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
17) L; APPROVAL# 01J0883
REL 1
B/L 37505

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 | Signature | Month | Day | Year

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: WILLIAM BARNES | Signature: William Barnes | Month: 7 | Day: 7 | 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. H109	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

GENERATOR

365 Bayshore Road, P.O. Box 786
Deer Park, NY 11729
Generator's Phone: 631 586-9444

[illegible] Avenue
Brooklyn, NY 11222

6. Transporter 1 Company Name: Freehold Cartage, Inc. — U.S. EPA ID Number: NJD054126164

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
MQ, Detroit, Inc.
1923 Frederick 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		
X	1. RQ, Hazardous waste, liquid, n.o.s., (Phthalate), 9, NA3082, PGIII, (U028); ERG#:171	12	DM	750	G	U028		
X	2. Hazardous waste, solid, n.o.s., (Phthalate), 9, NA3077, PGIII, (U028); ERG#:171	3	DM	150	G	U028		
	3. Non-DOT/Non-RCRA Regulated Waste Sludge, (RMCLA Oil Sludge)	53	DM		P	NONE		
	4.							

14. Special Handling Instructions and Additional Information
1) Approval #: A075266DWT/Phthalate Tank Bottom 2) Approval #: A076232DWT/Phthalate Soil Cuttings 3) Approval #: B071007DWT/RMCLA Oil Sludge

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: REP FOR OWNER E. VAZQUEZ — Signature: — Month: 2 Day: 14 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: DON Houston — Signature: Don Houston — Month: Feb Day: 14 Year: 2007

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:

FREEHOLD CARTAGE INC.

P.O. BOX 5010 • FREEHOLD, NJ 07728-5010
(732) 462-1001 • FAX (732) 308-0924

BILL OF LADING

FCI EPA ID NO. NJD054126164

R 46558

114 Schoolground Rd. Branford, CT 06405 Phone: (203) 483-5964 Fax: (203) 483-5984	350 Pigeon Point Road New Castle, DE 19720 Phone: (302) 658-2005 Fax: (302) 658-6229	175 Bartow Mun. Airport Bartow, FL 33830 Phone: (863) 533-4599 Fax: (863) 533-1613	5533 Dunham Road Maple Heights, OH 44137 Phone: (330) 835-3473 Fax: (330) 835-3732	108 Monahan Avenue Dunmore, PA 18512 Phone: (570) 342-7232 Fax: (570) 342-7367	40 Boulevard St. Sumter, SC 29150 Phone: (803) 773-2611 Fax: (803) 773-2942

SHIPPER NAME/ADDRESS	PHONE (AREA CODE)	
Nu-Hart + Company 49-55 DuPont Ave. Brooklyn, NY 11222	631-586-1444	NYD011468354
	TRACTOR: 775	TRAILER: 410
		APPOINTMENT TIME: open

FCI REP. LOADING (PRINT)	PROCEDURE	EQUIP. SPOTTED	EQUIP. REMOVED	TIME AT SHIPPER (MILITARY TIME ONLY)
Don Houston	liveload			13:30 ARRIVAL TIME — 15:45 DEPARTURE TIME

COMMENTS OR DELAYS AT SHIPPER	EQUIPMENT USED
	VAN

BROKER:

PO#: WO#:

MANIFEST / DOCUMENT NO.

(X) HM		PROPER U.S. D.O.T. SHIPPING NAME	U.S. D.O.T. HAZARDOUS CLASS	NA / UN / NO.	PACKING GROUP	NO. CONT.	CONT. TYPE	NET QUANTITY	UNIT MEASURE	WASTE NO.	FORM
	1	MANIFEST #				68	DM				
	2	00129348 JJK									
	3										

SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION NUMBER:

68 total

SHIPPER'S CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The materials described above were consigned to the Transporter named. The consignee can and will accept the shipment and has a valid permit to do so if required. I certify that the foregoing is true and correct to the best of my knowledge.

Payment to the contractor for waste removal does not constitute payment to the carrier and if the contractor does not pay the carrier, the shipper is obligated to pay the agreed rate offered to the contractor.

PLEASE PRINT NAME/TITLE	SHIPPER'S SIGNATURE	DATE LOADED
REP FOR OWNER E. VAZQUEZ	X Efrain Vazquez REP FOR OWNER I HAVE READ THE ABOVE AND UNDERSTAND AND AGREE TO ALL OF ITS CONTENT.	Feb 14 / 2007 MO. DAY YR.

CONSIGNEE NAME/ADDRESS	PHONE (AREA CODE)	
EQ Detroit Inc. Detroit, MI 48211	313-123-0080	MID980991568
	TRACTOR: 775	TRAILER: 410
		APPOINTMENT TIME: :

FCI REP. UNLOADING (PRINT)	PROCEDURE	EQUIP. SPOTTED	EQUIP. REMOVED	TIME AT CONSIGNEE (MILITARY TIME ONLY)
	offload			: ARRIVAL TIME — : DEPARTURE TIME

COMMENTS OR DELAYS AT CONSIGNEE	EQUIPMENT USED
	VAN

PLEASE PRINT NAME/TITLE	CONSIGNEE SIGNATURE	DATE UNLOADED
	X	/ / MO. DAY YR.

AR H-0257	MD HWH-167 2001-OPV-2335	MO H-1490	OH UPW-0190713-OH	TX 40705
CT CT-HW-307	ME ME-HWT-47 ME-WOT-47	ND WH-429	OK UPW-0190713-OH	WI 11602
DE DE-HW-203 DE-SW-203	MI UPW-0190713-OH	NH TNH-0047	ONTARIO, CANADA A 840943	WV UPW-0190713-OH
IL UPW-0190713-OH	MN UPW-0190713-OH	NJ S-2265 15939	PA PA-AH-0067	
MA MA-294		NY NJ-113	QUEBEC, CANADA QC-6ML-047	
			RI RI-535	

White - FCI Original
Yellow - FCI Billing
Blue - FCI Office/Customer
Green - Retained by TSDF
Gold - Retained by Generator

R 46558

APPENDIX C

Phase II Investigation

EBC – August 2007

September 27, 2007

Mr. Shlomo Karpen
Keren Star Management
329 Hewes Street
Brooklyn, NY 11211

Re: Block 2487, Lots 1, 10, 12, 17, 18, 20, 21, 57, 72 and 78, Brooklyn, NY
Subsurface Investigation Report

Dear Mr. Karpen:

Environmental Business Consultants (EBC) has prepared the following summary report to document the results of the Phase II Investigation performed at the above referenced property on August 16 and 17, 2007. The investigation consisted of the collection and analysis of 27 soil samples from 14 borings located on 8 of the 10 lots.

The scope of work, as originally developed for the due diligence to complete the purchase of the properties, also included the installation and sampling of 8 on-site and 6 off-site monitoring wells and 7 on-site and 5 off-site soil vapor implants. Although the on-site wells and vapor implants were installed in August at the time of the soil borings, installation of off-site sampling points (monitoring wells, soil vapor implants) has been delayed by the process of obtaining permits from the NYCDOT to drill in the sidewalk. Collection of on-site groundwater and soil gas samples has been postponed pending the installation of the off-site sampling points, so that on and off-site samples would represent the same "snapshot" of time.

The purpose of the due diligence sampling was to supplement the Phase II Investigation performed at the site by Advanced Site Restoration, LLC (ASR) as presented in a March, 2007 Phase II Report. Although ASR performed a comprehensive investigation to define the extent of free phase, residual and dissolved phase components of the spilled plasticizer compound and fuel oil, there was little information on general soil quality in the eastern two-thirds of the property and no information on potential on and off-site vapor impacts. In addition there were significant gaps in the off-site extent of free and dissolved phase plumes.

Ideally this report would be postponed until the remainder of the planned work is complete. However, as the due diligence period has expired, rather than agree to an extension in the due diligence period both parties have requested a summary of the data collected thus far.

BACKGROUND

The general environmental condition of the property as previously established by ASR includes a spill of liquid plasticizer compound and No. 4 fuel oil.

Plasticizer Spill
A liquid spill of plasticizers, used in the former manufacturing process at the site, is present beneath lots 1, 10, 78 and a small portion of lot 12. Groundwater is present beneath the site at a depth of 9-11 feet below the surface.

Heating Oil Spill
There is also a petroleum spill (No. 4 heating oil) associated with the boilers and former heating oil tanks on Lots 18 and 20. The area affected by the spill on these two lots is approximately 30 ft x 60 ft.

General Soil Quality
Prior to the supplemental investigation performed by EBC, there was very little information on general soil quality beneath the site aside from data on semi-volatile and volatile compounds. ASR submitted a total of seven soil samples (SB1-SB7) for analysis of metals and pesticides / PCBs. The results were not included in the Phase II Report, however, laboratory reports of these samples were provided in the Tank Closure Report. It is believed that the samples represent 0 to 5 foot composite from the first seven borings, though there is no confirmation of this in either report. The results show all parameters from the first three borings to be within the unrestricted soil cleanup objectives under the Brownfields Cleanup Program (BCP). This criteria was used since it was understood by both parties that it was intended that cleanup of the site would be performed under the BCP. These borings were considered to be representative of general soil quality in the eastern half of the property. The results from borings SB4 through SB7 contained several metals above the unrestricted criteria including one or more of the following arsenic, barium, copper, chromium, lead, zinc and mercury. Based on the drill logs, which do not report fill materials deeper in the soil column, elevated metals were expected to be limited to the upper 5 feet of soil.

FIELD ACTIVITIES

As shown in Figure 1, EBC installed 14 additional borings during the due diligence period. Samples were collected using a Geoprobe direct-push drill rig, with a four-foot macro-core sampler and disposable acetate liners. At each location, samples were collected continuously from grade to a depth of 12 feet 1 to 3 feet below the water table.

Samples were field screened for the presence of volatile organic compounds (VOCs) with a photo-ionization detector (PID) and visually inspected for evidence of contamination. Subsurface soils at all fourteen locations generally consisted of fine sand throughout the soil column. No obvious indicators of historic fill material such as wood, asphalt, slag, ash, bricks or other rubble were observed at any depth in any of the locations.

Based upon the lack of PID response and lack of visual evidence of contamination, a shallow (0-4 feet below grade) and deep (8-12 feet below grade) sample were retained from each boring for laboratory analysis.

All samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and shipped via overnight courier to Chemtech Laboratories, Inc. of Mountainside, NJ,

a New York State ELAP certified environmental laboratory. All soil and groundwater samples were analyzed for the presence of VOCs by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082 and target analyte list (TAL) metals. The deep sample from B7, which arrived at the laboratory in a broken container, was not analyzed:

LABORATORY RESULTS

Soil sample results were compared to the Recommended Soil Cleanup Objectives (RSCOs) specified in NYSDEC Technical and Administrative Guidance Memorandum (TAGM) #4046, *Determination of Soil Cleanup Objectives and Cleanup Levels*, January 1994 and the Unrestricted Soil Cleanup Objectives as presented in 6 NYCRR Part 375-6. Analytical data is summarized in **Tables 1** through **4** and a copy of the laboratory analytical report is included in **Appendix A**.

VOCs

A single VOC, acetone, was detected above both the TAGM 40406 Recommended Cleanup Objective (RSCO) and the unrestricted use cleanup objective in both the shallow and deep samples from the E11 location.. No other VOCs were reported above guidance levels in any of the other samples.

SVOCs

One or more of the following SVOC parameters were reported above the TAGM RSCOs in samples from E7 (0-4 ft), E8 (0-4 ft), E9 (0-4 ft), and E12 (0-4 ft):
benzo(a)anthracene
benzo(a)pyrene,
benzo(b)flouranthene
Chysene

In addition, naphthalene in E8 (8-12 ft) and bis(2-ethylhexyl)phthalate in E11 (8-12 ft) were reported above the unrestricted use objective.

Pesticides / PCBs

No pesticides were reported above TAGM RSCOs or the unrestricted use objectives in any of the samples. A single PCB was detected above the unrestricted objective in the E11 (8-12 ft) sample.

Metals

15 samples revealed contamination with one or more metals exceeding the unrestricted soil criteria. Using the recommended soil cleanup objectives listed in TAGM 4046, elevated metals were reported in 24 of 27 samples. Exceedances, were present in both shallow and deep samples.

CONCLUSIONS

The presence of metals above the unrestricted soil criteria has important implications for this project. The site falls under the oversight of two regulatory programs (NYS BCP, NYC E-

Site); therefore proper management and disposal of all excavated and disturbed soil will be required. To meet the unrestricted use criteria, it is very likely that the entire site will require excavation to a depth of at least 10 feet. The only way to avoid the additional cost will be to limit sub-grade development of the site as much as possible by reducing basement level depth and / or area, and by pursuing a Track 4 cleanup under the BCP. If a Track 1 cleanup is not achieved (unrestricted use) under the BCP, it will be necessary to record an environmental easement on the property which must be disclosed to future purchasers under a condominium or townhouse development scenario.

Off-Site
The extent of off-site impact and the magnitude of off-site remediation required has not yet been determined. Based on our review of utility conduits along Dupont Street and Commercial Street and the shallow depth to water in the area, it is highly probable that liquid phase plasticizer and fuel oil are migrating along the utility conduits in the street and/or sidewalk. This will be very difficult to assess since it is not possible to collect samples in close proximity to the conduits. Given the amount of liquid phase plasticizer and fuel oil presently identified in the sidewalk, there may be considerable cost in further investigation and remediation of off-site contamination.

Please be advised that we have not completed out supplemental sampling program and may identify additional issues regarding the extent of contamination both on the property and off-site. Please call if you have any questions or if anything requires further explanation.

Very truly yours,
Environmental Business Consultants

Charles B. Sosik, P.G., P.H.G.
Principal

TABLES

TABLE 1A
49 Dupont Street - Brooklyn, NY
Volatile Organic Compounds

COMPOUND	TAGM 4046 Clean-up Objectives	Track 1 Unrestricted Cleanup Objectives	E1 (0-4)	E1 (8-12)	E2(0-4)	E2(8-12)	E3 (0-4)	E3 (8-12)	E4 (0-4)	E4 (8-12)	E5 (0-4)	E5 (8-12)	E6 (0-4)	E6 (8-12)	E7 (0-4)
1,1,1-Trichloroethane		680	2.3 U	2.6 U	2.5 U	2.5 U	2.5 U	2.5 U	2.3 U	2.6 U	2.5 U	2.4 U	2.2 U	2.4 U	2.2 U
1,1,2,2-Tetrachloroethane			1.7 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.7 U	2.0 U	1.8 U	1.8 U	1.7 U	1.8 U	1.6 U
1,1,2-Trichloroethane			1.6 U	1.8 U	1.7 U	1.8 U	1.7 U	1.8 U	1.6 U	1.8 U	1.7 U	1.7 U	1.6 U	1.7 U	1.5 U
1,1,2-Trichlorotrifluoroethane			3.7 U	4.1 U	3.9 U	4.0 U	3.9 U	4.0 U	3.7 U	4.2 U	3.9 U	3.8 U	3.5 U	3.8 U	3.4 U
1,1-Dichloroethane		270	1.5 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.5 U	1.7 U	1.6 U	1.5 U	1.4 U	1.5 U	1.4 U
1,1-Dichloroethene		330	3.2 U	3.5 U	3.4 U	3.4 U	3.4 U	3.4 U	3.2 U	3.6 U	3.4 U	3.3 U	3.1 U	3.3 U	3.0 U
1,2,4-Trichlorobenzene			3.8 U	4.2 U	4.0 U	4.1 U	4.0 U	4.1 U	3.8 U	4.3 U	4.0 U	3.9 U	3.6 U	3.9 U	3.5 U
1,2-Dibromo-3-Chloropropane			5.3 U	5.8 U	5.5 U	5.6 U	5.6 U	5.6 U	5.2 U	5.9 U	5.6 U	5.4 U	5.0 U	5.4 U	4.9 U
1,2-Dibromoethane			2.2 U	2.5 U	2.4 U	2.4 U	2.4 U	2.4 U	2.2 U	2.5 U	2.4 U	2.3 U	2.1 U	2.3 U	2.1 U
1,2-Dichlorobenzene		1,100	2.2 U	2.4 U	2.3 U	2.3 U	2.3 U	2.3 U	2.1 U	2.4 U	2.3 U	2.2 U	2.1 U	2.2 U	2.0 U
1,2-Dichloroethane		20	1.7 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U	1.9 U	1.8 U	1.8 U	1.6 U	1.8 U	1.6 U
1,2-Dichloropropane			2.2 U	2.4 U	2.3 U	2.4 U	2.3 U	2.4 U	2.2 U	2.5 U	2.4 U	2.3 U	2.1 U	2.3 U	2.1 U
1,3-Dichlorobenzene		2,400	3.1 U	3.4 U	3.3 U	3.3 U	3.3 U	3.3 U	3.1 U	3.5 U	3.3 U	3.2 U	3.0 U	3.2 U	2.9 U
1,4-Dichlorobenzene		1,800	3.0 U	3.3 U	3.2 U	3.3 U	3.2 U	3.3 U	3.0 U	3.4 U	3.2 U	3.1 U	2.9 U	3.1 U	2.8 U
2-Butanone			16 U	17 U	17 U	17 U	17 U	17 U	16 U	18 U	17 U	16 U	15 U	16 U	15 U
2-Hexanone			20 U	22 U	21 U	22 U	21 U	22 U	20 U	23 U	21 U	21 U	19 U	21 U	19 U
4-Methyl-2-Pentanone			11 U	12 U	12 U	12 U	12 U	12 U	11 U	12 U	12 U	11 U	11 U	11 U	10 U
Acetone	100	50	19 U	21 U	72 J	20 U	20 U	20 U	19 U	21 U	20 U	19 U	18 U	19 U	17 U
Benzene	60	60	2.2 U	2.4 U	2.3 U	2.4 U	2.4 U	2.4 U	2.2 U	2.5 U	2.4 U	2.3 U	2.1 U	2.3 U	2.1 U
Bromodichloromethane			1.9 U	2.1 U	2.0 U	2.0 U	2.0 U	2.0 U	1.8 U	2.1 U	2.0 U	1.9 U	1.8 U	1.9 U	1.7 U
Bromoform			1.7 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.7 U	1.9 U	1.8 U	1.8 U	1.7 U	1.8 U	1.6 U
Bromomethane			11 U	12 U	12 U	12 U	12 U	12 U	11 U	13 U	12 U	12 U	11 U	12 U	10 U
Carbon Disulfide	2,700		2.1 U	2.3 U	2.2 U	2.2 U	2.2 U	2.2 U	2.0 U	2.3 U	2.2 U	2.1 U	2.0 U	2.1 U	1.9 U
Carbon Tetrachloride		760	2.5 U	2.7 U	2.6 U	2.7 U	2.6 U	2.6 U	2.4 U	2.8 U	2.6 U	2.5 U	2.4 U	2.6 U	2.3 U
Chlorobenzene		1,100	2.0 U	2.2 U	2.1 U	2.2 U	2.1 U	2.2 U	2.0 U	2.3 U	2.1 U	2.1 U	1.9 U	2.1 U	1.9 U
Chloroethane			12 U	13 U	13 U	13 U	13 U	13 U	12 U	13 U	13 U	12 U	11 U	12 U	11 U
Chloroform		370	1.9 U	2.1 U	2.0 U	2.1 U	2.1 U	2.1 U	1.9 U	2.2 U	2.1 U	2.0 U	1.9 U	2.0 U	1.8 U
Chloromethane			4.8 U	5.2 U	5.0 U	5.1 U	5.0 U	5.1 U	4.7 U	5.4 U	5.0 U	4.9 U	4.5 U	4.9 U	4.4 U
cis-1,2-Dichloroethene		250	1.8 U	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U	1.7 U	1.9 U	1.7 U
cis-1,3-Dichloropropene			1.8 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	1.8 U	2.1 U	2.0 U	1.9 U	1.8 U	1.9 U	1.7 U
Cyclohexane			1.8 U	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U	1.7 U	1.9 U	1.7 U
Dibromochloromethane			1.3 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.3 U	1.4 U	1.4 U	1.3 U	1.2 U	1.3 U	1.2 U
Dichlorodifluoromethane			4.8 U	5.2 U	5.0 U	5.1 U	5.1 U	5.1 U	4.7 U	5.4 U	5.1 U	4.9 U	4.6 U	4.9 U	4.4 U
Ethyl Benzene	5,500	1,000	2.0 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U	2.0 U	2.2 U	2.1 U	2.0 U	1.9 U	2.0 U	1.8 U
Isopropylbenzene	2,300		2.3 U	2.5 U	2.4 U	2.5 U	2.5 U	2.5 U	2.3 U	2.6 U	2.5 U	2.4 U	2.2 U	2.4 U	2.1 U
m/p-Xylenes	2,000	260	4.8 U	5.3 U	5.1 U	5.2 U	5.1 U	5.2 U	4.8 U	5.4 U	5.1 U	4.9 U	4.6 U	5.0 U	4.5 U
Methyl Acetate			4.8 U	5.3 U	5.1 U	5.2 U	5.1 U	5.2 U	4.8 U	5.4 U	5.1 U	4.9 U	4.6 U	5.0 U	4.5 U
Methyl tert-butyl Ether		930	2.1 U	2.3 U	2.2 U	2.2 U	2.2 U	2.2 U	2.0 U	2.3 U	2.2 U	2.1 U	2.0 U	2.1 U	1.9 U
Methylcyclohexane			2.3 U	2.6 U	2.5 U	2.5 U	2.5 U	2.5 U	2.3 U	2.6 U	2.5 U	2.4 U	2.2 U	2.4 U	2.2 U
Methylene Chloride		50	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U	11 U	10 U	9.7 U	11 U	9.4 U
o-Xylene	600	260	2.1 U	2.4 U	2.3 U	2.3 U	2.3 U	2.3 U	2.1 U	2.4 U	2.3 U	2.2 U	2.0 U	2.2 U	2.0 U
Styrene			2.6 U	2.8 U	2.7 U	2.8 U	2.7 U	2.7 U	2.5 U	2.9 U	2.7 U	2.6 U	2.4 U	2.6 U	2.4 U
t-1,3-Dichloropropene			2.0 U	2.2 U	2.1 U	2.2 U	2.1 U	2.2 U	2.0 U	2.3 U	2.1 U	2.1 U	1.9 U	2.1 U	1.9 U
Tetrachloroethene	1,400	1,300	4.1 U	4.5 U	4.3 U	4.4 U	4.3 U	4.4 U	4.0 U	4.6 U	4.3 U	4.2 U	3.9 U	4.2 U	3.8 U
Toluene	1,500	700	2.3 U	2.5 U	2.4 U	2.4 U	2.4 U	2.4 U	2.2 U	2.5 U	2.4 U	2.3 U	2.2 U	2.3 U	2.1 U
trans-1,2-Dichloroethene		190	3.6 U	3.9 U	3.8 U	3.8 U	3.8 U	3.8 U	3.5 U	4.0 U	3.8 U	3.6 U	3.4 U	3.7 U	3.3 U
Trichloroethene		470	1.7 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U	1.9 U	1.8 U	1.8 U	1.6 U	1.8 U	1.6 U
Trichlorofluoromethane			7.0 U	7.6 U	7.3 U	7.5 U	7.4 U	7.5 U	6.9 U	7.8 U	7.4 U	7.1 U	6.6 U	7.2 U	6.4 U
Vinyl Chloride		20	4.6 U	5.0 U	4.8 U	4.9 U	4.9 U	4.9 U	4.5 U	5.2 U	4.9 U	4.7 U	4.4 U	4.7 U	4.3 U
Total Confident Conc. VOC			0	0	72	0	0	0	0	0	0	0	0	0	0
Total TICs			0	0	0	0	0	0	0	0	0	0	0	0	0

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

TABLE 1B
49 Dupont Street - Brooklyn, NY
Volatile Organic Contaminants

COMPOUND	TAGM 4046 Clean-up Objectives	Track 1 Unrestricted Cleanup	E8 (0-4)	E8 (8-12)	E9 (0-4)	E9 (8-12)	E10 (0-4)	E10 (8-12)	E11 (0-4)	E11 (8-12)	E12 (0-4)	E12 (8-12)	E13 (0-4)
1,1,1-Trichloroethane		680	2.2 U	2.4 U	2.2 U	2.6 U	2.2 U	2.4 U	2.6 U	2.1 U	4.6 U	5.5 U	4.9 U
1,1,2,2-Tetrachloroethane			1.6 U	1.8 U	1.6 U	1.9 U	1.7 U	1.8 U	1.9 U	1.6 U	4.6 U	5.4 U	4.9 U
1,1,2-Trichloroethane			1.5 U	1.7 U	1.5 U	1.8 U	1.6 U	1.7 U	1.8 U	1.5 U	4.4 U	5.3 U	4.8 U
1,1,2-Trichlorotrifluoroethane			3.5 U	3.8 U	3.5 U	4.1 U	3.6 U	3.8 U	4.1 U	3.4 U	11 U	13 U	12 U
1,1-Dichloroethane		270	1.4 U	1.5 U	1.4 U	1.7 U	1.4 U	1.6 U	120	1.4 U	11 U	14 U	12 U
1,1-Dichloroethene		330	3.0 U	3.2 U	3.0 U	3.6 U	3.1 U	3.3 U	3.5 U	2.9 U	6.7 U	8.0 U	7.2 U
1,2,4-Trichlorobenzene			3.6 U	3.9 U	3.6 U	4.3 U	3.7 U	3.9 U	4.2 U	3.5 U	3.6 U	4.2 U	3.8 U
1,2-Dibromo-3-Chloropropane			4.9 U	5.3 U	4.9 U	5.9 U	5.1 U	5.4 U	5.8 U	4.8 U	3.1 U	3.7 U	3.3 U
1,2-Dibromoethane			2.1 U	2.3 U	2.1 U	2.5 U	2.2 U	2.3 U	2.5 U	2.1 U	18 U	21 U	19 U
1,2-Dichlorobenzene		1,100	2.0 U	2.2 U	2.0 U	2.4 U	2.1 U	2.2 U	2.4 U	2.0 U	2.0 U	2.4 U	2.1 U
1,2-Dichloroethane		20	1.6 U	1.7 U	1.6 U	1.9 U	1.7 U	1.8 U	1.9 U	1.6 U	2.0 U	2.4 U	2.1 U
1,2-Dichloropropane			2.1 U	2.2 U	2.1 U	2.5 U	2.1 U	2.3 U	2.4 U	2.0 U	4.7 U	5.5 U	5.0 U
1,3-Dichlorobenzene		2,400	2.9 U	3.1 U	2.9 U	3.5 U	3.0 U	3.2 U	3.4 U	2.8 U	9.8 U	12 U	11 U
1,4-Dichlorobenzene		1,800	2.8 U	3.1 U	2.8 U	3.4 U	2.9 U	3.1 U	3.3 U	2.8 U	3.4 U	4.1 U	3.7 U
2-Butanone			15 U	16 U	15 U	18 U	15 U	16 U	17 U	14 U	1.4 U	1.7 U	1.6 U
2-Hexanone			19 U	20 U	19 U	22 U	19 U	21 U	22 U	18 U	1.7 U	2.1 U	1.9 U
4-Methyl-2-Pentanone			10 U	11 U	10 U	12 U	11 U	11 U	12 U	10 U	15 U	18 U	16 U
Acetone	100	50	18 U	19 U	18 U	21 U	18 U	19 U	**140 J**	**160**	2.4 U	2.8 U	2.6 U
Benzene	60	60	2.1 U	2.3 U	2.1 U	2.5 U	2.1 U	2.3 U	2.4 U	2.0 U	1.7 U	2.1 U	1.9 U
Bromodichloromethane			1.7 U	1.9 U	1.7 U	2.1 U	1.8 U	1.9 U	2.0 U	1.7 U	1.9 U	2.2 U	2.0 U
Bromoform			1.6 U	1.7 U	1.6 U	1.9 U	1.7 U	1.8 U	1.9 U	1.6 U	2.2 U	2.7 U	2.4 U
Bromomethane			11 U	11 U	11 U	13 U	11 U	12 U	12 U	10 U	2.3 U	2.7 U	2.4 U
Carbon Disulfide	2,700		1.9 U	2.1 U	1.9 U	2.3 U	2.0 U	2.1 U	2.2 U	1.9 U	2.1 U	2.5 U	2.3 U
Carbon Tetrachloride		760	2.3 U	2.5 U	2.3 U	2.8 U	2.4 U	2.6 U	2.7 U	2.3 U	1.7 U	2.0 U	1.8 U
Chlorobenzene		1,100	1.9 U	2.0 U	1.9 U	2.3 U	1.9 U	2.1 U	2.2 U	1.8 U	1.7 U	2.0 U	250
Chloroethane			11 U	12 U	11 U	13 U	11 U	12 U	13 U	11 U	2.1 U	2.5 U	2.3 U
Chloroform		370	1.8 U	2.0 U	1.8 U	2.2 U	1.9 U	2.0 U	46	1.8 U	1.8 U	2.1 U	1.9 U
Chloromethane			4.4 U	4.8 U	4.5 U	5.3 U	4.6 U	4.9 U	5.2 U	4.4 U	11 U	13 U	11 U
cis-1,2-Dichloroethene		250	1.7 U	1.8 U	1.7 U	2.0 U	1.7 U	1.9 U	2.0 U	1.7 U	2.2 U	2.6 U	2.3 U
cis-1,3-Dichloropropene			1.7 U	1.9 U	1.7 U	2.1 U	1.8 U	1.9 U	2.0 U	1.7 U	2.0 U	2.3 U	2.1 U
Cyclohexane			1.7 U	1.8 U	1.7 U	2.0 U	1.7 U	1.9 U	2.0 U	1.7 U	1.8 U	2.1 U	1.9 U
Dibromochloromethane			1.2 U	1.3 U	1.2 U	1.4 U	1.2 U	1.3 U	1.4 U	1.2 U	1.6 U	1.9 U	1.7 U
Dichlorodifluoromethane			4.5 U	4.8 U	4.5 U	5.3 U	4.6 U	4.9 U	5.2 U	4.4 U	19 U	23 U	21 U
Ethyl Benzene	5,500	1,000	1.8 U	2.0 U	1.8 U	2.2 U	1.9 U	2.0 U	2.2 U	1.8 U	1.2 U	1.5 U	1.3 U
Isopropylbenzene	2,300		2.2 U	2.3 U	2.2 U	2.6 U	2.2 U	2.4 U	2.5 U	2.1 U	2.2 U	2.6 U	2.3 U
m/p-Xylenes	2,000	260	4.5 U	4.9 U	4.5 U	5.4 U	4.7 U	5.0 U	5.3 U	4.4 U	3.9 U	4.7 U	4.2 U
Methyl Acetate			4.5 U	4.9 U	4.5 U	5.4 U	4.7 U	5.0 U	5.3 U	4.4 U	1.9 U	2.3 U	2.1 U
Methyl tert-butyl Ether		930	1.9 U	2.1 U	1.9 U	2.3 U	2.0 U	2.1 U	2.2 U	1.9 U	1.9 U	2.3 U	2.0 U
Methylcyclohexane			2.2 U	2.4 U	2.2 U	2.6 U	2.3 U	2.4 U	2.6 U	2.1 U	4.7 U	5.5 U	5.0 U
Methylene Chloride		50	9.5 U	10 U	9.5 U	11 U	9.8 U	11 U	11 U	9.3 U	2.1 U	2.5 U	2.2 U
o-Xylene	600	260	2.0 U	2.2 U	2.0 U	2.4 U	2.1 U	2.2 U	2.3 U	2.0 U	2.5 U	2.9 U	2.7 U
Styrene			2.4 U	2.6 U	2.4 U	2.9 U	2.5 U	2.7 U	2.8 U	2.3 U	1.7 U	2.0 U	1.8 U
t-1,3-Dichloropropene			1.9 U	2.0 U	1.9 U	2.3 U	2.0 U	2.1 U	2.2 U	1.9 U	2.2 U	2.7 U	2.4 U
Tetrachloroethene	1,400	1,300	3.8 U	4.1 U	3.8 U	4.5 U	3.9 U	4.2 U	4.5 U	3.7 U	1.7 U	2.0 U	1.8 U
Toluene	1,500	700	2.1 U	2.3 U	2.1 U	2.5 U	2.2 U	2.3 U	2.5 U	2.1 U	3.0 U	3.6 U	3.2 U
trans-1,2-Dichloroethene		190	3.3 U	3.6 U	3.3 U	4.0 U	3.4 U	3.7 U	3.9 U	3.3 U	2.9 U	3.5 U	3.1 U
Trichloroethene		470	1.6 U	1.7 U	1.6 U	1.9 U	1.7 U	1.8 U	1.9 U	1.6 U	2.1 U	2.5 U	2.2 U
Trichlorofluoromethane			6.5 U	7.0 U	6.5 U	7.8 U	6.7 U	7.2 U	7.6 U	6.4 U	5.1 U	6.0 U	5.4 U
Vinyl Chloride		20	4.3 U	4.6 U	4.3 U	5.1 U	4.4 U	4.7 U	5.0 U	4.2 U	3.7 U	4.4 U	3.9 U
Total Confident Conc. VOC			0	0	0	0	0	0	306	160	0	0	250
Total TICs			0	0	0	0	0	0	0	0	0	0	0

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

TABLE 2A
49 Dupont Street - Brooklyn, NY
Semi-Volatile Organic Compounds

COMPOUND	TAGM 4046 Clean-up Objectives	Track 1 Unrestricted Cleanup Objectives	E1 (0-4)	E1 (8-12)	E2(0-4)	E2(8-12)	E3 (0-4)	E3 (8-12)	E4 (0-4)	E4 (8-12)	E5 (0-4)	E5 (8-12)	E6 (0-4)	E6 (8-12)	E7 (0-4)
1,1-Biphenyl			62 U	68 U	64 U	67 U	65 U	66 U	62 U	70 U	66 U	64 U	58 U	63 U	57 U
2,2-oxybis(1-Chloropropane)			61 U	66 U	63 U	65 U	64 U	65 U	61 U	68 U	65 U	62 U	57 U	62 U	56 U
2,4,5-Trichlorophenol			58 U	63 U	59 U	62 U	61 U	62 U	57 U	65 U	61 U	59 U	54 U	58 U	53 U
2,4,6-Trichlorophenol			56 U	60 U	57 U	59 U	58 U	59 U	55 U	62 U	59 U	57 U	52 U	56 U	51 U
2,4-Dichlorophenol			70 U	76 U	72 U	75 U	73 U	75 U	70 U	78 U	74 U	71 U	65 U	71 U	65 U
2,4-Dimethylphenol			60 U	65 U	62 U	64 U	63 U	64 U	60 U	67 U	64 U	61 U	56 U	61 U	55 U
2,4-Dinitrophenol			320 U	350 U	330 U	350 U	340 U	340 U	320 U	360 U	340 U	330 U	300 U	330 U	300 U
2,4-Dinitrotoluene	NS		56 U	60 U	57 U	59 U	58 U	59 U	55 U	62 U	59 U	57 U	52 U	56 U	51 U
2,6-Dinitrotoluene	1000		54 U	58 U	55 U	57 U	56 U	57 U	53 U	60 U	57 U	55 U	50 U	54 U	49 U
2-Chloronaphthalene	NS		63 U	68 U	64 U	67 U	66 U	67 U	62 U	70 U	67 U	64 U	59 U	63 U	58 U
2-Chlorophenol			60 U	65 U	62 U	65 U	63 U	64 U	60 U	68 U	64 U	62 U	56 U	61 U	56 U
2-Methylnaphthalene	36,400		63 U	69 U	65 U	68 U	66 U	67 U	63 U	71 U	67 U	65 U	59 U	64 U	58 U
2-Methylphenol			63 U	68 U	65 U	67 U	66 U	67 U	62 U	70 U	67 U	64 U	59 U	64 U	58 U
2-Nitroaniline	430 or MDL		48 U	52 U	49 U	51 U	50 U	51 U	48 U	54 U	51 U	49 U	45 U	49 U	44 U
2-Nitrophenol			58 U	63 U	60 U	62 U	61 U	62 U	58 U	65 U	62 U	59 U	54 U	59 U	54 U
3,3-Dichlorobenzidine	NS		65 U	70 U	66 U	69 U	68 U	69 U	64 U	72 U	69 U	66 U	61 U	65 U	60 U
3+4-Methylphenols			60 U	65 U	61 U	64 U	62 U	64 U	59 U	67 U	63 U	61 U	56 U	60 U	55 U
3-Nitroaniline	500 or MDL		49 U	53 U	51 U	53 U	52 U	52 U	49 U	55 U	52 U	50 U	46 U	50 U	45 U
4,6-Dinitro-2-methylphenol			73 U	80 U	75 U	78 U	77 U	78 U	73 U	82 U	78 U	75 U	69 U	74 U	68 U
4-Bromophenyl-phenylether	NS		56 U	61 U	58 U	60 U	59 U	60 U	56 U	63 U	60 U	58 U	53 U	57 U	52 U
4-Chloro-3-methylphenol			52 U	57 U	54 U	56 U	55 U	56 U	52 U	59 U	55 U	53 U	49 U	53 U	48 U
4-Chloroaniline	220 or MDL		45 U	49 U	46 U	48 U	47 U	48 U	45 U	50 U	48 U	46 U	42 U	46 U	42 U
4-Chlorophenyl-phenylether	NS		60 U	65 U	61 U	64 U	63 U	64 U	59 U	67 U	63 U	61 U	56 U	60 U	55 U
4-Nitroaniline	NS		65 U	70 U	66 U	69 U	68 U	69 U	64 U	72 U	68 U	66 U	60 U	65 U	60 U
4-Nitrophenol			47 U	51 U	48 U	50 U	49 U	50 U	47 U	53 U	50 U	48 U	44 U	47 U	43 U
Acenaphthene	50,000	20,000	67 U	73 U	69 U	72 U	70 U	72 U	67 U	75 U	71 U	69 U	63 U	68 U	110 J
Acenaphthylene	50,000	100,000	61 U	67 U	63 U	66 U	64 U	65 U	61 U	69 U	65 U	63 U	57 U	62 U	57 U
Acetophenone		100,000	55 U	60 U	57 U	59 U	58 U	59 U	55 U	62 U	59 U	56 U	52 U	56 U	51 U
Anthracene	50,000		57 U	62 U	59 U	61 U	60 U	61 U	57 U	64 U	60 U	58 U	53 U	58 U	200 J
Atrazine			58 U	63 U	59 U	62 U	61 U	62 U	58 U	65 U	61 U	59 U	54 U	59 U	53 U
Benzaldehyde			78 U	84 U	80 U	83 U	81 U	83 U	77 U	87 U	82 U	79 U	73 U	78 U	72 U
Benzo(a)anthracene	224 or MDL	1,000	53 U	57 U	54 U	57 U	55 U	56 U	53 U	59 U	56 U	54 U	50 U	53 U	**450**
Benzo(a)pyrene	61 or MDL	1,000	61 U	66 U	62 U	65 U	63 U	64 U	60 U	68 U	64 U	62 U	57 U	61 U	340 J
Benzo(b)fluoranthene	220 or MDL	1,000	42 U	45 U	43 U	44 U	44 U	44 U	53 J	47 U	44 U	42 U	39 U	42 U	**500**
Benzo(g,h,i)perylene	50,000	100,000	63 U	68 U	64 U	67 U	65 U	67 U	62 U	70 U	66 U	64 U	59 U	63 U	130 J
Benzo(k)fluoranthene	220 or MDL	800	83 U	90 U	85 U	89 U	87 U	89 U	83 U	93 U	88 U	85 U	78 U	84 U	140 J
bis(2-Chloroethoxy)methane	NS		62 U	67 U	64 U	66 U	65 U	66 U	62 U	70 U	66 U	63 U	58 U	63 U	57 U
bis(2-Chloroethyl)ether	NS		60 U	65 U	61 U	64 U	63 U	64 U	59 U	67 U	63 U	61 U	56 U	60 U	55 U
bis(2-Ethylhexyl)phthalate	50,000		80 J	79 U	75 U	78 U	110 J	160 J	72 U	81 U	77 U	74 U	68 U	73 U	390
Butylbenzylphthalate	50,000		61 U	66 U	63 U	65 U	64 U	65 U	61 U	69 U	65 U	62 U	57 U	62 U	56 U
Caprolactam			61 U	66 U	62 U	65 U	64 U	65 U	60 U	68 U	64 U	62 U	57 U	61 U	56 U
Carbazole	NS		58 U	63 U	59 U	62 U	60 U	62 U	57 U	65 U	61 U	59 U	54 U	58 U	110 J
Chrysene	400	1,000	68 U	74 U	70 U	73 U	71 U	72 U	67 U	76 U	72 U	69 U	64 U	69 U	**450**
Dibenz(a,h)anthracene	14 or MDL	330	47 U	51 U	49 U	51 U	50 U	51 U	47 U	53 U	50 U	48 U	44 U	48 U	44 U
Dibenzofuran	6,200		63 U	68 U	64 U	67 U	65 U	67 U	62 U	70 U	66 U	64 U	59 U	63 U	79 J
Diethylphthalate	7,100		65 U	71 U	67 U	70 U	68 U	70 U	65 U	73 U	69 U	67 U	61 U	66 U	60 U
Dimethylphthalate	2,000		61 U	66 U	62 U	65 U	64 U	65 U	60 U	68 U	64 U	62 U	57 U	61 U	56 U
Di-n-butylphthalate	8,100		58 U	62 U	59 U	62 U	60 U	61 U	57 U	65 U	61 U	59 U	54 U	58 U	53 U
Di-n-octyl phthalate	50,000		64 U	70 U	66 U	69 U	67 U	69 U	64 U	72 U	68 U	66 U	60 U	65 U	59 U
Fluoranthene	50,000	100,000	56 U	61 U	58 U	60 U	59 U	60 U	88 J	63 U	60 U	57 U	53 U	57 U	1000
Fluorene	50,000	30,000	64 U	69 U	65 U	68 U	67 U	68 U	63 U	71 U	68 U	65 U	60 U	64 U	82 J
Hexachlorobenzene	410		61 U	66 U	62 U	65 U	63 U	64 U	60 U	68 U	64 U	62 U	57 U	61 U	56 U
Hexachlorobutadiene	NS		58 U	63 U	60 U	62 U	61 U	62 U	58 U	65 U	62 U	59 U	54 U	59 U	54 U
Hexachlorocyclopentadiene	NS		60 U	65 U	62 U	65 U	63 U	64 U	60 U	68 U	64 U	62 U	56 U	61 U	56 U
Hexachloroethane	NS		64 U	70 U	66 U	69 U	67 U	68 U	64 U	72 U	68 U	66 U	60 U	65 U	59 U
Indeno(1,2,3-cd)pyrene	3,200	500	48 U	52 U	49 U	51 U	50 U	51 U	48 U	54 U	51 U	49 U	45 U	49 U	94 J
Isophorone	4,400		57 U	62 U	58 U	61 U	59 U	61 U	56 U	64 U	60 U	58 U	53 U	57 U	52 U
Naphthalene	13,000	12,000	65 U	70 U	66 U	69 U	68 U	69 U	64 U	72 U	68 U	66 U	60 U	65 U	100 J
Nitrobenzene	200 or MDL		83 U	89 U	85 U	88 U	86 U	88 U	82 U	92 U	88 U	84 U	77 U	83 U	76 U
N-Nitroso-di-n-propylamine	NS		63 U	68 U	64 U	67 U	66 U	67 U	62 U	70 U	66 U	64 U	59 U	63 U	58 U
N-Nitrosodiphenylamine	NS		62 U	68 U	64 U	67 U	65 U	66 U	62 U	70 U	66 U	64 U	58 U	63 U	57 U
Pentachlorophenol			88 U	95 U	90 U	94 U	92 U	93 U	87 U	98 U	93 U	89 U	82 U	88 U	81 U
Phenanthrene	50,000	100,000	60 U	65 U	62 U	64 U	63 U	64 U	60 J	67 U	64 U	61 U	56 U	61 U	1200
Phenol			57 U	62 U	59 U	61 U	60 U	61 U	57 U	64 U	61 U	58 U	54 U	58 U	53 U
Pyrene	50,000	100,000	67 U	72 U	69 U	72 U	70 U	71 U	110 J	75 U	71 U	68 U	63 U	68 U	1200
Total Confident Conc. SVOC			80	0	0	0	110	160	311	0	0	0	0	0	6575
Total TICs			0	0	0	0	0	0	0	0	0	0	0	0	0

Qualifiers
U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
NR - Not analyzed

TABLE 2B
49 Dupont Street - Brooklyn, NY
Semi-Volatile Organic Compounds

COMPOUND	TAGM 4046 Clean-up Objectives	Track 1 Unrestricted Cleanup	E8 (0-4)	E8 (8-12)	E9 (0-4)	E9 (8-12)	E10 (0-4)	E10 (8-12)	E11 (0-4)	E11 (8-12)	E12 (0-4)	E12 (8-12)	E13 (0-4)	E13 (8-12)	E14 (0-4)	E14 (8-12)
1,1-Biphenyl			360 U	79 U	59 U	69 U	58 U	63 U	67 U	560 U	59 U	71 U	65 U	70 U	62 U	67 U
2,2-oxybis(1-Chloropropane)			270 U	1800	57 U	68 U	57 U	62 U	65 U	550 U	57 U	70 U	63 U	68 U	60 U	65 U
2,4,5-Trichlorophenol			280 U	61 U	54 U	64 U	54 U	59 U	62 U	520 U	54 U	66 U	60 U	65 U	57 U	62 U
2,4,6-Trichlorophenol			280 U	61 U	52 U	62 U	52 U	57 U	59 U	500 U	52 U	63 U	58 U	62 U	55 U	60 U
2,4-Dichlorophenol			290 U	64 U	66 U	78 U	66 U	71 U	75 U	630 U	66 U	80 U	73 U	78 U	69 U	75 U
2,4-Dimethylphenol			280 U	62 U	56 U	67 U	56 U	61 U	64 U	540 U	56 U	69 U	62 U	67 U	59 U	64 U
2,4-Dinitrophenol			260 U	56 U	300 U	360 U	300 U	330 U	350 U	2900 U	300 U	370 U	340 U	360 U	320 U	350 U
2,4-Dinitrotoluene	NS		280 U	61 U	52 U	62 U	52 U	57 U	59 U	500 U	52 U	63 U	58 U	62 U	55 U	60 U
2,6-Dinitrotoluene	1,000		290 U	64 U	50 U	60 U	50 U	55 U	57 U	480 U	50 U	61 U	56 U	60 U	53 U	57 U
2-Chloronaphthalene	NS		300 U	65 U	59 U	70 U	59 U	64 U	67 U	570 U	59 U	72 U	65 U	70 U	62 U	67 U
2-Chlorophenol			380 U	84 U	57 U	67 U	57 U	62 U	65 U	550 U	57 U	69 U	63 U	68 U	60 U	65 U
2-Methylnaphthalene	36,400		260 U	58 U	59 U	70 U	59 U	64 U	68 U	570 U	59 U	72 U	66 U	71 U	63 U	68 U
2-Methylphenol			270 U	59 U	59 U	70 U	59 U	64 U	67 U	570 U	59 U	72 U	65 U	70 U	62 U	68 U
2-Nitroaniline	430 or MDL		280 U	61 U	45 U	54 U	45 U	49 U	51 U	430 U	45 U	55 U	50 U	54 U	48 U	52 U
2-Nitrophenol			290 U	63 U	55 U	65 U	55 U	59 U	62 U	530 U	55 U	66 U	60 U	65 U	58 U	63 U
3,3-Dichlorobenzidine	NS		320 U	71 U	61 U	72 U	61 U	66 U	69 U	590 U	61 U	74 U	67 U	72 U	64 U	70 U
3+4-Methylphenols			300 U	66 U	56 U	67 U	56 U	61 U	64 U	540 U	56 U	68 U	62 U	67 U	59 U	64 U
3-Nitroaniline	500 or MDL		210 U	46 U	46 U	55 U	46 U	50 U	53 U	450 U	46 U	56 U	51 U	55 U	49 U	53 U
4,6-Dinitro-2-methylphenol			270 U	59 U	69 U	82 U	69 U	75 U	78 U	660 U	69 U	84 U	76 U	82 U	73 U	79 U
4-Bromophenyl-phenylether	NS		280 U	62 U	53 U	63 U	53 U	58 U	60 U	510 U	53 U	65 U	59 U	63 U	56 U	61 U
4-Chloro-3-methylphenol			240 U	53 U	49 U	58 U	49 U	53 U	56 U	470 U	49 U	60 U	54 U	58 U	52 U	56 U
4-Chloroaniline	220 or MDL		290 U	64 U	42 U	50 U	42 U	46 U	48 U	410 U	42 U	51 U	47 U	50 U	45 U	48 U
4-Chlorophenyl-phenylether	NS		280 U	61 U	56 U	67 U	56 U	61 U	64 U	540 U	56 U	68 U	62 U	67 U	59 U	64 U
4-Nitroaniline	NS		260 U	56 U	61 U	72 U	61 U	66 U	69 U	590 U	61 U	74 U	67 U	72 U	64 U	69 U
4-Nitrophenol			270 U	59 U	44 U	52 U	44 U	48 U	50 U	420 U	44 U	54 U	49 U	52 U	46 U	50 U
Acenaphthene	50,000	20,000	290 U	63 U	63 U	75 U	63 U	69 U	72 U	610 U	63 U	77 U	70 U	75 U	67 U	72 U
Acenaphthylene	50,000	100,000	290 U	64 U	58 U	68 U	58 U	63 U	66 U	560 U	58 U	70 U	64 U	69 U	61 U	66 U
Acetophenone		100,000	220 U	49 U	52 U	62 U	52 U	56 U	59 U	500 U	52 U	63 U	57 U	62 U	55 U	59 U
Anthracene	50,000		280 U	62 U	70 J	64 U	53 U	58 U	61 U	520 U	54 U	65 U	59 U	64 U	56 U	61 U
Atrazine			280 U	62 U	54 U	65 U	54 U	59 U	62 U	520 U	54 U	66 U	60 U	65 U	57 U	62 U
Benzaldehyde			250 U	54 U	73 U	87 U	73 U	79 U	83 U	700 U	73 U	89 U	81 U	87 U	77 U	83 U
Benzo(a)anthracene	224 or MDL	1,000	230 U	50 U	**570**	59 U	50 U	54 U	57 U	480 U	50 U	60 U	**250** J	59 U	84 J	57 U
Benzo(a)pyrene	61 or MDL	1,000	**620** J	68 U	**520**	67 U	57 U	62 U	65 U	550 U	57 U	69 U	**200** J	68 U	60 U	65 U
Benzo(b)fluoranthene	220 or MDL	1,000	1500 U	330 U	**840**	46 U	39 U	42 U	44 U	380 U	47 J	48 U	**270** J	47 U	88 J	45 U
Benzo(g,h,i)perylene	50,000	100,000	220 U	48 U	170 J	70 U	59 U	64 U	67 U	570 U	59 U	71 U	83 J	70 U	62 U	67 U
Benzo(k)fluoranthene	220 or MDL	800	290 U	63 U	**260** J	93 U	78 U	85 U	89 U	750 U	78 U	95 U	94 J	93 U	82 U	89 U
bis(2-Chloroethoxy)methane	NS		260 U	56 U	58 U	69 U	58 U	63 U	66 U	560 U	58 U	71 U	65 U	70 U	62 U	67 U
bis(2-Chloroethyl)ether	NS		300 U	66 U	56 U	67 U	56 U	61 U	64 U	540 U	56 U	68 U	62 U	67 U	59 U	64 U
bis(2-Ethylhexyl)phthalate	50,000		280 U	61 U	7400 D	38000 D	130 J	84 J	78 U	**2,500,000 D**	68 U	83 U	75 U	110 J	110 J	78 U
Butylbenzylphthalate	50,000		300 U	65 U	57 U	68 U	57 U	62 U	65 U	550 U	58 U	70 U	63 U	68 U	61 U	66 U
Caprolactam			300 U	66 U	57 U	68 U	57 U	62 U	65 U	550 U	57 U	69 U	63 U	68 U	60 U	65 U
Carbazole	NS		340 U	75 U	54 U	64 U	54 U	59 U	62 U	520 U	54 U	66 U	60 U	65 U	57 U	62 U
Chrysene	400	1,000	290 U	63 U	**610**	76 U	64 U	69 U	73 U	620 U	64 U	78 U	250 J	76 U	94 J	73 U
Dibenz(a,h)anthracene	14 or MDL	330	260 U	57 U	45 U	53 U	44 U	48 U	51 U	430 U	45 U	54 U	49 U	53 U	47 U	51 U
Dibenzofuran	6,200		280 U	61 U	59 U	70 U	59 U	64 U	67 U	570 U	59 U	71 U	65 U	70 U	62 U	67 U
Diethylphthalate	7,100		270 U	59 U	61 U	73 U	61 U	67 U	70 U	590 U	61 U	75 U	68 U	73 U	65 U	70 U
Dimethylphthalate	2,000		410 U	89 U	57 U	68 U	57 U	62 U	65 U	550 U	57 U	69 U	63 U	68 U	60 U	65 U
Di-n-butylphthalate	8,100		6300	170 J	54 U	64 U	54 U	59 U	62 U	520 U	54 U	66 U	60 U	64 U	57 U	62 U
Di-n-octyl phthalate	50,000		920 J	58 U	60 U	1100	60 U	66 U	69 U	580 U	61 U	74 U	67 U	72 U	64 U	69 U
Fluoranthene	50,000	100,000	320 J	59 U	1000	63 U	53 U	57 U	60 U	510 U	53 U	64 U	490	63 U	180 J	60 U
Fluorene	50,000	30,000	270 U	59 U	60 U	71 U	60 U	65 U	68 U	580 U	60 U	73 U	66 U	71 U	63 U	69 U
Hexachlorobenzene	410		**7,100**	160 J	57 U	67 U	57 U	62 U	65 U	550 U	57 U	69 U	63 U	68 U	60 U	65 U
Hexachlorobutadiene	NS		7300	200 J	55 U	65 U	55 U	59 U	62 U	530 U	55 U	66 U	60 U	65 U	58 U	63 U
Hexachlorocyclopentadiene	NS		280 U	62 U	57 U	67 U	57 U	62 U	65 U	550 U	57 U	69 U	63 U	68 U	60 U	65 U
Hexachloroethane	NS		300 U	66 U	60 U	72 U	60 U	65 U	69 U	580 U	60 U	73 U	67 U	72 U	64 U	69 U
Indeno(1,2,3-cd)pyrene	3,200	500	3200	100 J	130 J	54 U	45 U	49 U	51 U	430 U	45 U	55 U	56 J	54 U	48 U	52 U
Isophorone	4,400		3100	90 J	53 U	63 U	53 U	58 U	61 U	510 U	53 U	65 U	59 U	64 U	56 U	61 U
Naphthalene	13,000	12,000	740 J	**22,000 D**	61 U	72 U	61 U	66 U	69 U	590 U	61 U	74 U	67 U	72 U	64 U	69 U
Nitrobenzene	200 or MDL		300 U	65 U	78 U	92 U	77 U	84 U	88 U	750 U	78 U	94 U	86 U	92 U	82 U	89 U
N-Nitroso-di-n-propylamine	NS		2800	42 U	59 U	70 U	59 U	64 U	67 U	570 U	59 U	72 U	65 U	70 U	62 U	67 U
N-Nitrosodiphenylamine	NS		1000 J	85 U	59 U	69 U	58 U	63 U	67 U	560 U	59 U	71 U	65 U	70 U	62 U	67 U
Pentachlorophenol			2100	61 U	82 U	98 U	82 U	89 U	94 U	790 U	82 U	100 U	91 U	98 U	87 U	94 U
Phenanthrene	50,000	100,000	1100 J	49 U	530	67 U	56 U	61 U	64 U	550 U	57 U	69 U	410	70 J	150 J	65 U
Phenol			220 U	48 U	54 U	64 U	54 U	58 U	61 U	520 U	54 U	65 U	59 U	64 U	57 U	62 U
Pyrene	50,000	100,000	1200 J	63 U	1200	75 U	63 U	68 U	71 U	610 U	63 U	76 U	640	84 J	220 J	72 U
Total Confident Conc. SVOC			37800	23520	15700	32100	130	84	0	270000	47	0	2743	264	926	0
Total TICs			0	0	0	0	0	0	0	0	0	0	0	0	0	0

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

TABLE 3A
49 Dupont Street - Brooklyn, NY
Pesticides / PCBs

COMPOUND	TAGM 4046 Clean-up Objectives	Track 1 Unrestricted Cleanup Objectives	E1 (0-4)	E1 (8-12)	E2(0-4)	E2(8-12)	E3 (0-4)	E3 (8-12)	E4 (0-4)	E4 (8-12)	E5 (0-4)	E5 (8-12)	E6 (0-4)	E6 (8-12)	E7 (0-4)
4,4-DDD	2,900	3	0.79 U	0.87 U	0.82 U	0.85 U	0.83 U	0.85 U	0.79 U	0.89 U	0.85 U	0.82 U	0.75 U	0.80 U	0.74 U
4,4-DDE	2,100	3	0.89 U	0.98 U	0.92 U	0.95 U	0.93 U	0.96 U	0.89 U	1.0 U	0.95 U	0.92 U	0.84 U	0.90 U	0.82 U
4,4-DDT	2,100	3	0.82 U	0.89 U	0.84 U	0.87 U	0.85 U	0.88 U	0.82 U	0.92 U	0.87 U	0.84 U	0.77 U	0.82 U	0.75 U
Aldrin	41	5	1.4 U	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	1.4 U	1.6 U	1.5 U	1.4 U	1.3 U	1.4 U	1.3 U
alpha-BHC	110	20	0.72 U	0.79 U	0.75 U	0.77 U	0.76 U	0.78 U	0.72 U	0.81 U	0.77 U	0.74 U	0.68 U	0.73 U	0.67 U
alpha-Chlordane	300	94	0.95 U	1.0 U	0.98 U	1.0 U	0.99 U	1.0 U	0.95 U	1.1 U	1.0 U	0.97 U	0.89 U	0.95 U	0.88 U
beta-BHC	200	36	0.99 U	1.1 U	1.0 U	1.1 U	1.0 U	1.1 U	0.99 U	1.1 U	1.1 U	1.0 U	0.93 U	1.0 U	0.92 U
delta-BHC	NA	40	1.8 U	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	1.8 U	2.1 U	2.0 U	1.9 U	1.7 U	1.9 U	1.7 U
Dieldrin	NA	5	0.94 U	1.0 U	0.97 U	1.0 U	0.98 U	1.0 U	0.93 U	1.0 U	1.0 U	0.96 U	0.88 U	0.94 U	0.86 U
Endosulfan I	44	2,400	1.0 U	1.1 U	1.0 U	1.1 U	1.0 U	1.1 U	1.0 U	1.1 U	1.1 U	1.0 U	0.94 U	1.0 U	0.92 U
Endosulfan II	900	2,400	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U	1.1 U	1.0 U	1.1 U	0.99 U
Endosulfan Sulfate	900	2,400	1.2 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.2 U	1.4 U	1.3 U	1.3 U	1.1 U	1.2 U	1.1 U
Endrin	1,000	14	0.96 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	0.96 U	1.1 U	1.0 U	0.99 U	0.91 U	0.97 U	0.89 U
Endrin aldehyde	100		1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.3 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U
Endrin ketone	NA		0.93 U	1.0 U	0.96 U	1.0 U	0.98 U	1.0 U	0.93 U	1.0 U	0.99 U	0.96 U	0.88 U	0.94 U	0.86 U
gamma-BHC	NA		0.81 U	0.89 U	0.84 U	0.87 U	0.85 U	0.87 U	0.81 U	0.91 U	0.87 U	0.84 U	0.77 U	0.82 U	0.75 U
gamma-Chlordane			0.99 U	1.1 U	1.0 U	1.1 U	1.0 U	1.1 U	0.99 U	1.1 U	1.1 U	1.0 U	0.93 U	0.99 U	0.91 U
Heptachlor	100	42	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	0.99 U	1.1 U	0.97 U
Heptachlor epoxide	20		1.2 U	1.3 U	1.2 U	1.3 U	1.3 U	1.3 U	1.2 U	1.3 U	1.3 U	1.2 U	1.1 U	1.2 U	1.1 U
Methoxychlor	10		0.97 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	0.97 U	1.1 U	1.0 U	1.0 U	0.92 U	0.98 U	0.90 U
Toxaphene	NA		4.1 U	4.4 U	4.2 U	4.3 U	4.2 U	4.4 U	4.0 U	4.6 U	4.3 U	4.2 U	3.8 U	4.1 U	3.7 U
Aroclor-1016	10,000	100	2.9 U	3.1 U	3.0 U	3.1 U	3.1 U	3.1 U	2.8 U	3.2 U	3.1 U	3.0 U	2.7 U	2.9 U	2.7 U
Aroclor-1221	10,000	100	4.5 U	4.9 U	4.6 U	4.8 U	4.7 U	4.8 U	4.4 U	5.0 U	4.8 U	4.6 U	4.2 U	4.5 U	4.2 U
Aroclor-1232	10,000	100	6.7 U	7.3 U	6.9 U	7.2 U	7.1 U	7.1 U	6.6 U	7.5 U	7.1 U	6.9 U	6.2 U	6.8 U	6.3 U
Aroclor-1242	10,000	100	5.9 U	6.5 U	6.1 U	6.4 U	6.3 U	6.3 U	5.9 U	6.7 U	6.3 U	6.1 U	5.5 U	6.0 U	5.6 U
Aroclor-1248	10,000	100	2.9 U	3.2 U	3.0 U	3.1 U	3.1 U	3.1 U	2.9 U	3.3 U	3.1 U	3.0 U	2.7 U	2.9 U	2.7 U
Aroclor-1254	10,000	100	1.9 U	2.1 U	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	2.1 U	2.0 U	1.9 U	1.8 U	1.9 U	1.8 U
Aroclor-1260	10,000	100	4.8 U	5.2 U	4.9 U	5.2 U	5.1 U	5.1 U	4.7 U	5.4 U	5.1 U	4.9 U	4.5 U	4.8 U	38

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

TABLE 3B
49 Dupont Street - Brooklyn, NY
Pesticides / PCBs

COMPOUND	TAGM 4046 Clean-up Objectives	Track 1 Unrestricted Cleanup Objectives	E8 (0-4)	E8 (8-12)	E9 (0-4)	E9 (8-12)	E10 (0-4)	E10 (8-12)	E11 (0-4)	E11 (8-12)	E12 (0-4)	E12 (8-12)	E13 (0-4)	E13 (8-12)	E14 (0-4)	E14 (8-12)
4,4-DDD	2,900	3	0.74 U	0.81 U	0.75 U	4.5 U	0.75 U	0.81 U	0.85 U	3.6 U	0.76 U	0.91 U	0.82 U	0.89 U	0.80 U	0.86 U
4,4-DDE	2,100	3	0.83 U	0.91 U	0.84 U	5.0 U	0.84 U	0.91 U	0.96 U	4.1 U	0.85 U	1.0 U	0.92 U	1.0 U	0.89 U	0.96 U
4,4-DDT	2,100	3	0.76 U	0.83 U	0.77 U	4.6 U	0.77 U	0.83 U	0.88 U	3.7 U	0.78 U	0.94 U	0.85 U	0.92 U	0.82 U	0.88 U
Aldrin	41	5	1.3 U	1.4 U	1.3 U	7.8 U	1.3 U	1.4 U	1.5 U	6.4 U	1.3 U	1.6 U	1.4 U	1.6 U	1.4 U	1.5 U
alpha-BHC	110	20	0.68 U	0.74 U	0.68 U	4.1 U	0.68 U	0.74 U	0.78 U	3.3 U	0.69 U	0.83 U	0.75 U	0.81 U	0.73 U	0.78 U
alpha-Chlordane	300	94	0.89 U	0.96 U	0.89 U	5.3 U	0.89 U	0.96 U	1.0 U	4.3 U	0.91 U	1.1 U	0.98 U	1.1 U	0.95 U	1.0 U
beta-BHC	200	36	0.93 U	1.0 U	0.93 U	5.6 U	0.93 U	1.0 U	1.1 U	4.5 U	0.95 U	1.1 U	1.0 U	1.1 U	0.99 U	1.1 U
delta-BHC	NA	40	1.7 U	1.9 U	1.7 U	10 U	1.7 U	1.9 U	2.0 U	8.4 U	1.8 U	2.1 U	1.9 U	2.1 U	1.8 U	2.0 U
Dieldrin	NA	5	0.88 U	0.95 U	0.88 U	5.3 U	0.88 U	0.95 U	1.0 U	4.3 U	0.89 U	1.1 U	0.97 U	1.0 U	0.94 U	1.0 U
Endosulfan I	44	2,400	0.93 U	1.0 U	0.94 U	5.6 U	0.93 U	1.0 U	1.1 U	4.6 U	0.95 U	1.1 U	1.0 U	1.1 U	1.0 U	1.1 U
Endosulfan II	900	2,400	1.0 U	1.1 U	1.0 U	6.0 U	1.0 U	1.1 U	1.1 U	4.9 U	1.0 U	1.2 U	1.1 U	1.2 U	1.1 U	1.2 U
Endosulfan Sulfate	900	2,400	1.1 U	1.2 U	1.2 U	6.9 U	1.1 U	1.2 U	1.3 U	5.6 U	1.2 U	1.4 U	1.3 U	1.4 U	1.2 U	1.3 U
Endrin	1,000	14	0.90 U	0.98 U	0.91 U	5.4 U	0.90 U	0.98 U	1.0 U	4.4 U	0.92 U	1.1 U	1.0 U	1.1 U	0.97 U	1.0 U
Endrin aldehyde	100		1.1 U	1.2 U	1.1 U	6.4 U	1.1 U	1.2 U	1.2 U	5.2 U	1.1 U	1.3 U	1.2 U	1.3 U	1.1 U	1.2 U
Endrin ketone	NA		0.87 U	0.95 U	0.88 U	5.3 U	0.87 U	0.95 U	1.0 U	4.3 U	0.89 U	1.1 U	0.97 U	1.0 U	0.93 U	1.0 U
gamma-BHC	NA		0.76 U	0.83 U	0.77 U	4.6 U	0.76 U	0.83 U	0.87 U	3.7 U	0.78 U	0.94 U	0.84 U	0.91 U	0.82 U	0.88 U
gamma-Chlordane			0.93 U	1.0 U	0.93 U	5.6 U	0.93 U	1.0 U	1.1 U	4.5 U	0.95 U	1.1 U	1.0 U	1.1 U	0.99 U	1.1 U
Heptachlor	100	42	0.99 U	1.1 U	0.99 U	5.9 U	0.99 U	1.1 U	1.1 U	4.8 U	1.0 U	1.2 U	1.1 U	1.2 U	1.1 U	1.1 U
Heptachlor epoxide	20		1.1 U	1.2 U	1.1 U	6.8 U	1.1 U	1.2 U	1.3 U	5.5 U	1.1 U	1.4 U	1.2 U	1.3 U	1.2 U	1.3 U
Methoxychlor	10		0.91 U	0.99 U	0.92 U	5.5 U	0.91 U	0.99 U	1.0 U	4.5 U	0.93 U	1.1 U	1.0 U	1.1 U	0.98 U	1.1 U
Toxaphene	NA		3.8 U	4.1 U	3.8 U	23 U	3.8 U	4.1 U	4.4 U	19 U	3.9 U	4.7 U	4.2 U	4.6 U	4.1 U	4.4 U
Aroclor-1016	10,000	100	2.7 U	2.9 U	2.7 U	3.2 U	2.7 U	3.0 U	3.1 U	2.6 U	2.7 U	3.3 U	3.0 U	3.2 U	2.8 U	3.1 U
Aroclor-1221	10,000	100	4.2 U	4.5 U	4.2 U	5.0 U	4.2 U	4.6 U	4.8 U	4.1 U	4.2 U	5.1 U	4.6 U	5.0 U	4.4 U	4.8 U
Aroclor-1232	10,000	100	6.2 U	6.7 U	6.3 U	7.4 U	6.2 U	6.9 U	7.1 U	6.1 U	6.4 U	7.6 U	6.9 U	7.4 U	6.6 U	7.2 U
Aroclor-1242	10,000	100	5.5 U	6.0 U	5.6 U	6.6 U	5.5 U	6.2 U	6.3 U	5.4 U	5.6 U	6.8 U	6.1 U	6.6 U	5.9 U	6.4 U
Aroclor-1248	10,000	100	2.7 U	2.9 U	2.7 U	3.2 U	2.7 U	3.0 U	3.1 U	2.6 U	2.7 U	3.3 U	3.0 U	3.2 U	2.9 U	3.1 U
Aroclor-1254	10,000	100	1.7 U	1.9 U	1.8 U	2.1 U	1.8 U	1.9 U	2.0 U	1.7 U	1.8 U	2.1 U	1.9 U	2.1 U	1.9 U	2.0 U
Aroclor-1260	10,000	100	4.4 U	61	4.5 U	5.3 U	4.5 U	5.0 U	5.1 U	270	4.5 U	5.4 U	4.9 U	5.3 U	4.7 U	5.1 U

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

TABLE 4A
49 Dupont Street - Brooklyn, NY
Metals

COMPOUND	TAGM 4046 Clean-up Objectives	Eastern USA Background	Track 1 Unrestricted Cleanup Objectives	E1 (0-4)	E1 (8-12)	E2(0-4)	E2(8-12)	E3 (0-4)	E3 (8-12)	E4 (0-4)	E4 (8-12)	E5 (0-4)	E5 (8-12)	E6 (0-4)	E6 (8-12)	E7 (0-4)
Aluminum	SB	33,000		12000	8060	14500	7430	15800	6250	8630	17800	13000	4740	5650	12200	8550
Antimony	SB	NS		0.259 U	0.283 U	0.267 U	0.278 U	0.271 U	0.276 U	0.258 U	0.291 U	0.274 U	0.268 U	0.244 U	0.263 U	0.242 U
Arsenic	7.5 or SB	3 -12	13	3.080	1.160	3.540	1.470	3.330	5.960	6.050	1.380	4.140	3.400	4.970	0.457 J	2.440
Barium	300 or SB	15 - 600	350	23.2	34.6	38.4	40.8	61.4	18.6	60.2	145	35.8	17.0	21.2	99.9	72.7
Beryllium	0.16 or SB	0 - 1.75	7.2	0.486	0.423	0.575	0.476	0.577	0.576	0.479	1.010	0.550	0.357	0.457	0.604	0.591
Cadmium	1 or SB	0.1 - 1	2.5 c	0.652 J	0.154 J	0.790	0.346 J	0.565 J	0.340 J	0.300 J	0.803 J	0.691 J	0.066 J	0.318 J	**1.060**	0.804
Calcium	SB	130 - 35,000		815	1210	1170	3260	1040	993	2120	2130	537	463	487	826	5810
Chromium	10 or SB	1.5 - 40**	30 c	14.3	16.0	18.8	18.4	21.5	13.1	13.3	**43.4**	16.9	10.0	10.9	**31.6**	21.7
Cobalt	30 or SB	2.5 - 60**		8.400	5.550	14.4	8.640	12.2	11.3	8.440	19.3	11.7	5.520	6.850	8.800	11.9
Copper	25 or SB	1 - 50	50	23.6	10.0	24.3	15.6	19.5	10.9	17.2	32.8	30.5	5.740	8.830	27.8	**69.1**
Iron	2,000 or SB	2,000 - 550,000		21400	11700	23200	16200	23200	17900	19800	34000	25400	7730	15700	31900	22800
Lead	500***	200-500	63 c	9.000	6.690	25.8	8.920	18.2	8.190	**80.0**	11.6	26.0	5.220	6.280	8.230	58.1
Magnesium	SB	100 - 5,000		3900	2670	3900	3270	4140	2020	3100	**8670**	4450	1870	1940	**6600**	4440
Manganese	SB	50 - 5,000	1600 c	555	107	620	175	229	175	477	837	620	111	360	203	641
Mercury	0.1	0.001 - 0.2	0.18 c	0.012	0.005 J	0.029	0.012 J	0.048	0.015	0.004 U	**0.249**	0.019	0.004 U	0.008 J	0.009 J	0.041
Nickel	13 or SB	0.5 - 25	30	19.9	14.7	21.4	17.1	20.9	13.8	14.8	**37.7**	21.3	9.270	11.3	21.7	19.3
Potassium	SB	8,500 - 43,000		885	1120	945	1440	1150	665	912	4820	969	877	718	3940	2620
Selenium	2 or SB	0.1 - 3.9	3.9c	0.137 U	0.150 U	0.142 U	0.147 U	0.143 U	0.146 U	0.137 U	0.154 U	0.145 U	0.142 U	0.129 U	0.139 U	0.128 U
Silver	SB	NS	2	0.423	0.150 U	0.445	0.160 J	0.535	0.430	0.867	1.720	0.753	0.142 U	0.307 J	0.506	1.070
Sodium	SB	6,000 - 8,000		124	38.3 J	154	104	76.5 J	23.5 U	22.0 U	113	23.2 U	42.8 J	20.7 U	22.3 U	112
Thallium	SB	NS		1.440 U	1.570 U	1.490 U	1.550 U	1.510 U	1.540 U	1.440 U	1.620 U	1.520 U	1.490 U	1.350 U	1.460 U	1.340 U
Vanadium	150 or SB	1 - 200		20.8	16.8	25.1	24.1	26.4	17.9	21.3	49.3	24.2	17.2	18.3	45.6	27.9
Zinc	20 or SB	9 - 50	109 c	**169**	48.0	**164**	**60.2**	**87.3**	**61.9**	**83.7**	**125**	**91.2**	49.3	40.0	**135**	**184**

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

TABLE 4B
49 Dupont Street - Brooklyn, NY
Metals

COMPOUND	TAGM 4046 Clean-up Objectives	Eastern USA Background	Track 1 Unrestricted Cleanup Objectives	E8 (0-4)	E8 (8-12)	E9 (0-4)	E9 (8-12)	E10 (0-4)	E10 (8-12)	E11 (0-4)	E11 (8-12)	E12 (0-4)	E12 (8-12)	E13 (0-4)	E13 (8-12)	E14 (0-4)	E14 (8-12)
Aluminum	SB	33,000		8940	7710	8780	9760	10100	11700	19900	6060	9340	25200	12600	8150	14500	14300
Antimony	SB	NS		0.240 U	0.264 U	0.241 U	0.289 U	0.241 U	0.265 U	0.280 U	0.237 U	0.244 U	0.299 U	0.270 U	0.290 U	8.090	0.279 U
Arsenic	7.5 or SB	3 -12	13	1.880	0.535 J	2.840	0.170 U	0.540 J	0.156 U	2.400	0.193 J	4.770	0.967	7.810	5.090	3.940	0.413 J
Barium	300 or SB	15 - 600	350	86.5	71.6	115	71.0	54.6	104	144	64.4	82.2	221	40.0	45.6	86.3	116
Beryllium	0.16 or SB	0 - 1.75	7.2	0.658	0.612	0.636	0.637	0.669	0.991	1.130	0.581	0.490	1.380	0.614	0.536	0.993	0.930
Cadmium	1 or SB	0.1 - 1	2.5 c	0.670 J	0.466 J	0.981	0.399 J	0.514 J	0.678 J	0.849	0.731	**1.900**	**1.670**	0.669 J	0.607 J	**1.080**	0.858
Calcium	SB	130 - 35,000		8680	3270	9410	1350	1960	1880	2170	3550	1570	1720	1120	2330	1850	1220
Chromium	10 or SB	1.5 - 40**	30 c	21.4	19.3	21.4	23.5	20.6	**31.8**	**41.3**	19.2	25.3	**77.0**	17.4	16.0	24.4	**34.8**
Cobalt	30 or SB	2.5 - 60**		12.3	12.2	13.3	12.2	11.2	20.0	19.3	13.5	8.240	27.1	10.9	10.0	18.0	20.4
Copper	25 or SB	1 - 50	50	28.4	24.0	39.4	20.5	22.7	27.3	36.1	22.8	**78.9**	**53.8**	23.0	15.9	30.4	31.4
Iron	2,000 or SB	2,000 - 550,000		22500	22000	25100	20400	23400	29100	36700	21600	34300	44300	25200	20800	29600	34200
Lead	500***	200-500	63 c	**87.5**	11.2	**215**	6.160	11.1	9.840	15.0	7.050	**380**	14.9	23.6	19.8	52.3	9.800
Magnesium	SB	100 - 5,000		5730	4950	7340	5650	4850	7800	8460	4940	4720	11600	3790	2950	5330	7370
Manganese	SB	50 - 5,000	1600 c	553	628	658	515	609	805	806	516	258	921	593	720	838	733
Mercury	0.1	0.001 - 0.2	0.18 c	**0.311**	0.063	**0.130**	0.014	0.014	0.011 J	0.008 J	0.003 U	0.004 J	**1.8**	0.038	0.007 J	0.010 J	0.004 U
Nickel	13 or SB	0.5 - 25	30	20.3	20.8	21.6	20.5	19.1	**31.0**	**38.9**	26.0	16.8	**51.5**	16.9	18.7	26.0	**31.4**
Potassium	SB	8,500 - 43,000		2260	2000	2660	3140	1710	4550	5220	1820	2700	9023.8 OI	1260	1220	2270	4830
Selenium	2 or SB	0.1 - 3.9	3.9c	0.127 U	0.140 U	0.128 U	0.153 U	0.128 U	0.141 U	0.148 U	0.125 U	0.129 U	0.158 U	0.143 U	0.153 U	0.137 U	0.148 U
Silver	SB	NS	2	1.040	1.140	1.090	1.070	1.210	1.530	**2.270**	1.120	1.860	**2.260**	0.618	0.298 J	0.697	1.530
Sodium	SB	6,000 - 8,000		115	50.7 J	71.8	76.3 J	85.7	22.6 U	71.5 J	25.2 J	178	274	119	106	76.0	23.7 U
Thallium	SB	NS		1.330 U	1.470 U	1.340 U	1.610 U	1.340 U	1.480 U	1.560 U	1.320 U	1.350 U	1.660 U	1.500 U	1.610 U	1.430 U	1.550 U
Vanadium	150 or SB	1 - 200		27.5	27.2	29.1	30.3	28.7	40.2	52.7	27.0	33.0	73.0	26.8	24.8	38.9	49.8
Zinc	20 or SB	9 - 50	109 c	**129**	**107**	**204**	**104**	**87.2**	**194**	**114**	**76.3**	**542**	**279**	**82.0**	**140**	**239**	**132**

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

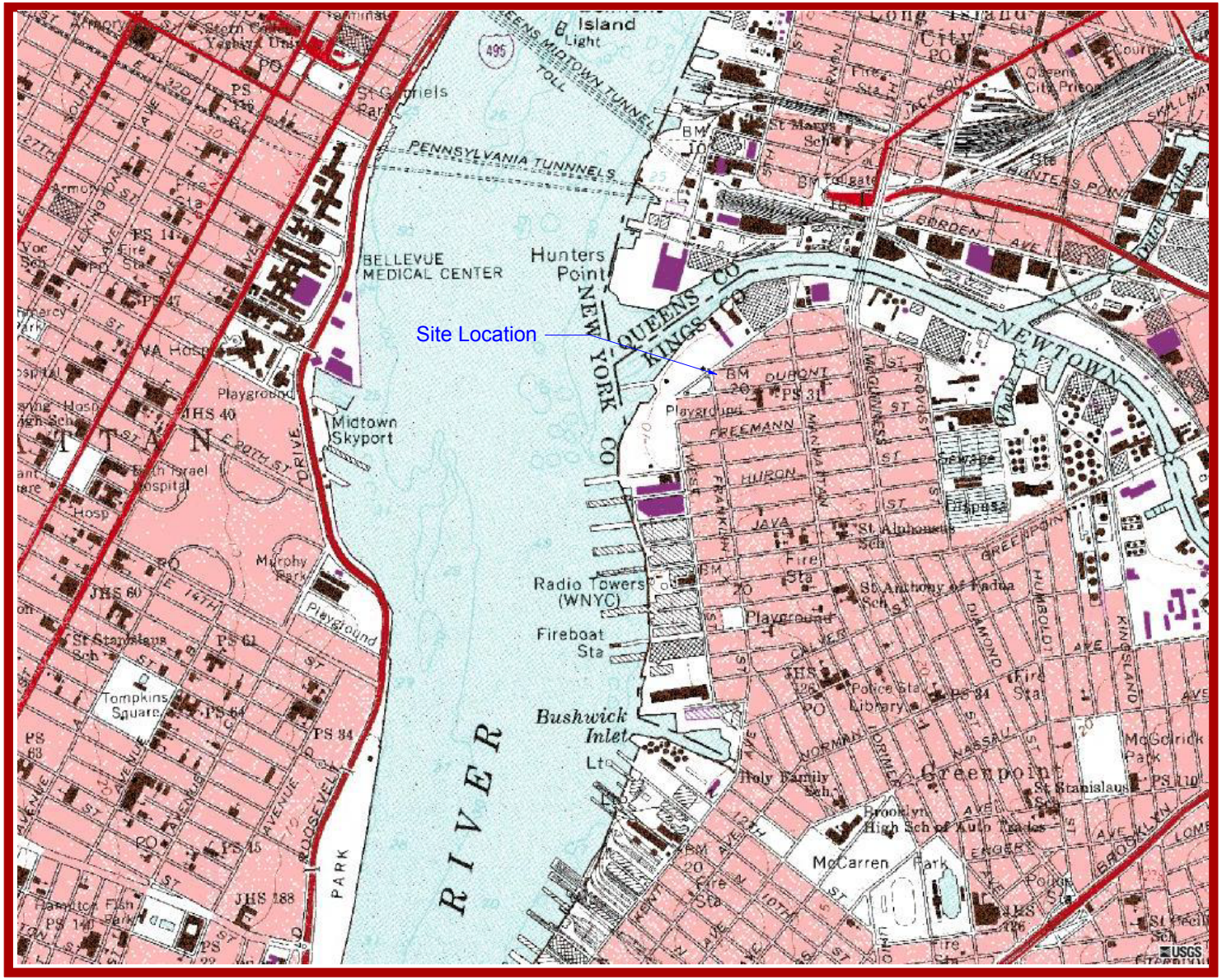
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

Bold - exceeds TAGM objectives and Eastern USA Background levels

Shaded - exceeds unrestricted use criteria

FIGURES



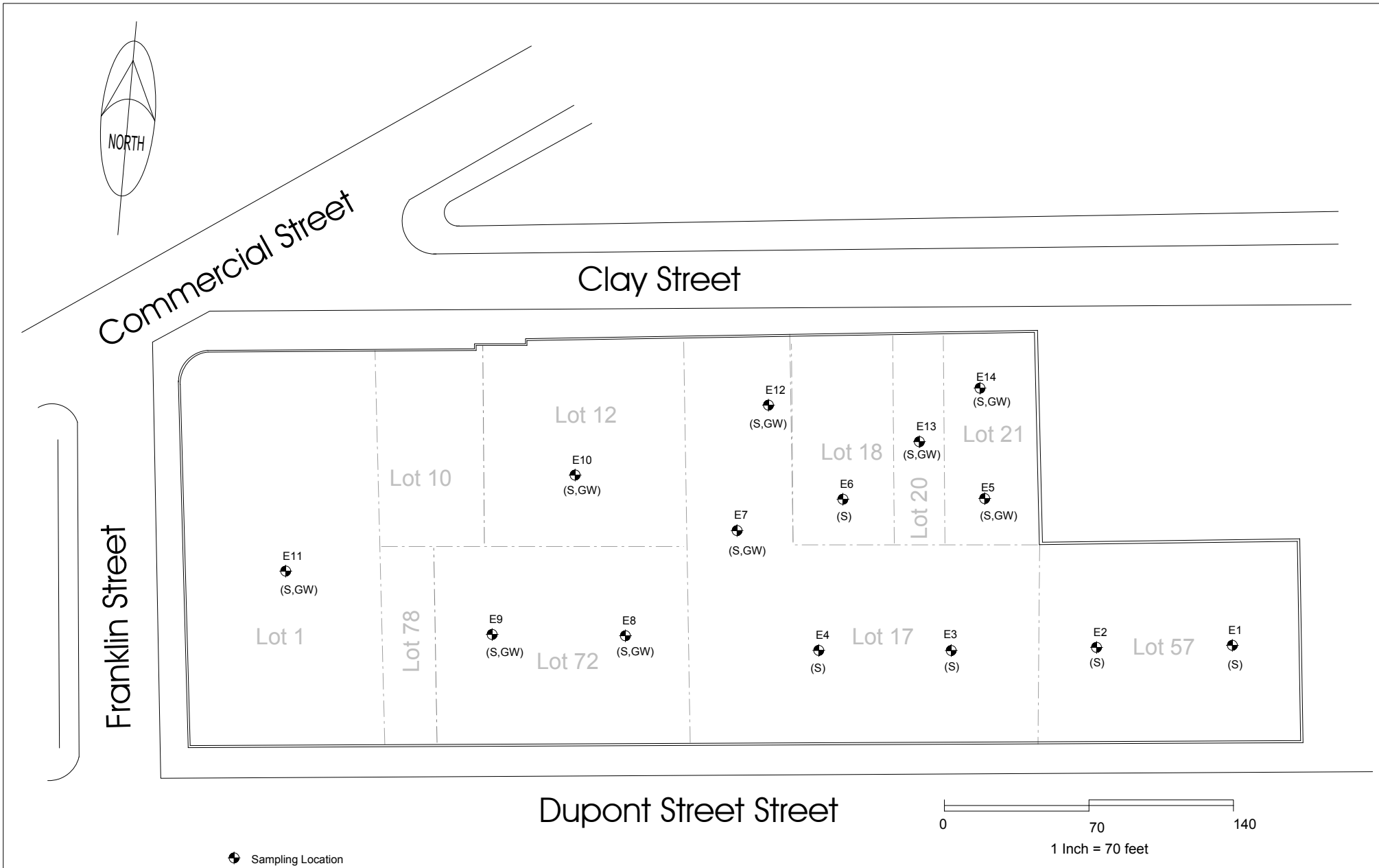
EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.924.0870
Fax 631. 924 .2870

49 DUPONT STREET BROOKLYN, NY

SITE LOCATION MAP

FIGURE 1



EBC
Environmental Business Consultants
9 Peconic Road
Ridge, NY 11961
Phone 631.924.0870
Fax 631. 924 .2870

49 Dupont Street, Brooklyn NY
Sampling Locations

FIGURE 2

APPENDIX A
Laboratory Reports

ANALYTICAL RESULTS
SUMMARY

PROJECT NAME: 49 Dupont Street

ENVIRONMENTAL BUSINESS CONSULTANTS
9 PECONIC ROAD
RIDGE, NY 11961
6319240870

CHEMTECH PROJECT NO. **Y4128**
ATTENTION: **Charles B.Sosik P.G.**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E1 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-01**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**13**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019032.D	1	8/22/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.8	U	28	4.8	ug/Kg
74-87-3	Chloromethane	4.8	U	28	4.8	ug/Kg
75-01-4	Vinyl chloride	4.6	U	28	4.6	ug/Kg
74-83-9	Bromomethane	11	U	28	11	ug/Kg
75-00-3	Chloroethane	12	U	28	12	ug/Kg
75-69-4	Trichlorofluoromethane	7.0	U	28	7.0	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.7	U	28	3.7	ug/Kg
75-35-4	1,1-Dichloroethene	3.2	U	28	3.2	ug/Kg
67-64-1	Acetone	19	U	140	19	ug/Kg
75-15-0	Carbon disulfide	2.1	U	28	2.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.1	U	28	2.1	ug/Kg
79-20-9	Methyl Acetate	4.8	U	28	4.8	ug/Kg
75-09-2	Methylene Chloride	10	U	28	10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.6	U	28	3.6	ug/Kg
75-34-3	1,1-Dichloroethane	1.5	U	28	1.5	ug/Kg
110-82-7	Cyclohexane	1.8	U	28	1.8	ug/Kg
78-93-3	2-Butanone	16	U	140	16	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	28	2.5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.8	U	28	1.8	ug/Kg
67-66-3	Chloroform	1.9	U	28	1.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.3	U	28	2.3	ug/Kg
108-87-2	Methylcyclohexane	2.3	U	28	2.3	ug/Kg
71-43-2	Benzene	2.2	U	28	2.2	ug/Kg
107-06-2	1,2-Dichloroethane	1.7	U	28	1.7	ug/Kg
79-01-6	Trichloroethene	1.7	U	28	1.7	ug/Kg
78-87-5	1,2-Dichloropropane	2.2	U	28	2.2	ug/Kg
75-27-4	Bromodichloromethane	1.9	U	28	1.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	140	11	ug/Kg
108-88-3	Toluene	2.3	U	28	2.3	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.0	U	28	2.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.8	U	28	1.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.6	U	28	1.6	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E1 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-01**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**13**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019032.D	1	8/22/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	20	U	140	20	ug/Kg
124-48-1	Dibromochloromethane	1.3	U	28	1.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.2	U	28	2.2	ug/Kg
127-18-4	Tetrachloroethene	4.1	U	28	4.1	ug/Kg
108-90-7	Chlorobenzene	2.0	U	28	2.0	ug/Kg
100-41-4	Ethyl Benzene	2.0	U	28	2.0	ug/Kg
126777-61-2	m/p-Xylenes	4.8	U	56	4.8	ug/Kg
95-47-6	o-Xylene	2.1	U	28	2.1	ug/Kg
100-42-5	Styrene	2.6	U	28	2.6	ug/Kg
75-25-2	Bromoform	1.7	U	28	1.7	ug/Kg
98-82-8	Isopropylbenzene	2.3	U	28	2.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	28	1.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.1	U	28	3.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.0	U	28	3.0	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.2	U	28	2.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.3	U	28	5.3	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.8	U	28	3.8	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.57	93 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	52.6	105 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	50.68	101 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	47.7	95 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	251456	3.30			
540-36-3	1,4-Difluorobenzene	451266	3.70			
3114-55-4	Chlorobenzene-d5	394440	6.41			
3855-82-1	1,4-Dichlorobenzene-d4	170911	8.70			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E1 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-02**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**20**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019078.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.2	U	31	5.2	ug/Kg
74-87-3	Chloromethane	5.2	U	31	5.2	ug/Kg
75-01-4	Vinyl chloride	5.0	U	31	5.0	ug/Kg
74-83-9	Bromomethane	12	U	31	12	ug/Kg
75-00-3	Chloroethane	13	U	31	13	ug/Kg
75-69-4	Trichlorofluoromethane	7.6	U	31	7.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.1	U	31	4.1	ug/Kg
75-35-4	1,1-Dichloroethene	3.5	U	31	3.5	ug/Kg
67-64-1	Acetone	21	U	150	21	ug/Kg
75-15-0	Carbon disulfide	2.3	U	31	2.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.3	U	31	2.3	ug/Kg
79-20-9	Methyl Acetate	5.3	U	31	5.3	ug/Kg
75-09-2	Methylene Chloride	11	U	31	11	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.9	U	31	3.9	ug/Kg
75-34-3	1,1-Dichloroethane	1.6	U	31	1.6	ug/Kg
110-82-7	Cyclohexane	2.0	U	31	2.0	ug/Kg
78-93-3	2-Butanone	17	U	150	17	ug/Kg
56-23-5	Carbon Tetrachloride	2.7	U	31	2.7	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.0	U	31	2.0	ug/Kg
67-66-3	Chloroform	2.1	U	31	2.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.6	U	31	2.6	ug/Kg
108-87-2	Methylcyclohexane	2.6	U	31	2.6	ug/Kg
71-43-2	Benzene	2.4	U	31	2.4	ug/Kg
107-06-2	1,2-Dichloroethane	1.9	U	31	1.9	ug/Kg
79-01-6	Trichloroethene	1.9	U	31	1.9	ug/Kg
78-87-5	1,2-Dichloropropane	2.4	U	31	2.4	ug/Kg
75-27-4	Bromodichloromethane	2.1	U	31	2.1	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12	U	150	12	ug/Kg
108-88-3	Toluene	2.5	U	31	2.5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.2	U	31	2.2	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.0	U	31	2.0	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.8	U	31	1.8	ug/Kg

U = Not Detected
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B = Analyte Found in Associated Method Blank
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E1 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-02**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**20**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019078.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	22	U	150	22	ug/Kg
124-48-1	Dibromochloromethane	1.4	U	31	1.4	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	31	2.5	ug/Kg
127-18-4	Tetrachloroethene	4.5	U	31	4.5	ug/Kg
108-90-7	Chlorobenzene	2.2	U	31	2.2	ug/Kg
100-41-4	Ethyl Benzene	2.2	U	31	2.2	ug/Kg
126777-61-2	m/p-Xylenes	5.3	U	61	5.3	ug/Kg
95-47-6	o-Xylene	2.4	U	31	2.4	ug/Kg
100-42-5	Styrene	2.8	U	31	2.8	ug/Kg
75-25-2	Bromoform	1.9	U	31	1.9	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	31	2.5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.9	U	31	1.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.4	U	31	3.4	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.3	U	31	3.3	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.4	U	31	2.4	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.8	U	31	5.8	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.2	U	31	4.2	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	42.42	85 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	37.81	76 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	49.82	100 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	47.93	96 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	265358	3.31			
540-36-3	1,4-Difluorobenzene	460408	3.69			
3114-55-4	Chlorobenzene-d5	393405	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	173745	8.71			

U = Not Detected
RL = Reporting Limit
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E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E2(0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-03**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**15**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019079.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.0	U	29	5.0	ug/Kg
74-87-3	Chloromethane	5.0	U	29	5.0	ug/Kg
75-01-4	Vinyl chloride	4.8	U	29	4.8	ug/Kg
74-83-9	Bromomethane	12	U	29	12	ug/Kg
75-00-3	Chloroethane	13	U	29	13	ug/Kg
75-69-4	Trichlorofluoromethane	7.3	U	29	7.3	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.9	U	29	3.9	ug/Kg
75-35-4	1,1-Dichloroethene	3.4	U	29	3.4	ug/Kg
67-64-1	Acetone	72	J	150	20	ug/Kg
75-15-0	Carbon disulfide	2.2	U	29	2.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.2	U	29	2.2	ug/Kg
79-20-9	Methyl Acetate	5.1	U	29	5.1	ug/Kg
75-09-2	Methylene Chloride	11	U	29	11	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.8	U	29	3.8	ug/Kg
75-34-3	1,1-Dichloroethane	1.6	U	29	1.6	ug/Kg
110-82-7	Cyclohexane	1.9	U	29	1.9	ug/Kg
78-93-3	2-Butanone	17	U	150	17	ug/Kg
56-23-5	Carbon Tetrachloride	2.6	U	29	2.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.9	U	29	1.9	ug/Kg
67-66-3	Chloroform	2.0	U	29	2.0	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	29	2.5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	29	2.5	ug/Kg
71-43-2	Benzene	2.3	U	29	2.3	ug/Kg
107-06-2	1,2-Dichloroethane	1.8	U	29	1.8	ug/Kg
79-01-6	Trichloroethene	1.8	U	29	1.8	ug/Kg
78-87-5	1,2-Dichloropropane	2.3	U	29	2.3	ug/Kg
75-27-4	Bromodichloromethane	2.0	U	29	2.0	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12	U	150	12	ug/Kg
108-88-3	Toluene	2.4	U	29	2.4	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.1	U	29	2.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.9	U	29	1.9	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.7	U	29	1.7	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E2(0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-03**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**15**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019079.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	21	U	150	21	ug/Kg
124-48-1	Dibromochloromethane	1.4	U	29	1.4	ug/Kg
106-93-4	1,2-Dibromoethane	2.4	U	29	2.4	ug/Kg
127-18-4	Tetrachloroethene	4.3	U	29	4.3	ug/Kg
108-90-7	Chlorobenzene	2.1	U	29	2.1	ug/Kg
100-41-4	Ethyl Benzene	2.1	U	29	2.1	ug/Kg
126777-61-2	m/p-Xylenes	5.1	U	59	5.1	ug/Kg
95-47-6	o-Xylene	2.3	U	29	2.3	ug/Kg
100-42-5	Styrene	2.7	U	29	2.7	ug/Kg
75-25-2	Bromoform	1.8	U	29	1.8	ug/Kg
98-82-8	Isopropylbenzene	2.4	U	29	2.4	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	29	1.8	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.3	U	29	3.3	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.2	U	29	3.2	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.3	U	29	2.3	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.5	U	29	5.5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.0	U	29	4.0	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.66	87 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	52.63	105 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	50.96	102 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	46.47	93 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	269365	3.31			
540-36-3	1,4-Difluorobenzene	464759	3.69			
3114-55-4	Chlorobenzene-d5	387151	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	164334	8.70			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E2(8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-06**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**19**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019034.D	1	8/22/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.1	U	30	5.1	ug/Kg
74-87-3	Chloromethane	5.1	U	30	5.1	ug/Kg
75-01-4	Vinyl chloride	4.9	U	30	4.9	ug/Kg
74-83-9	Bromomethane	12	U	30	12	ug/Kg
75-00-3	Chloroethane	13	U	30	13	ug/Kg
75-69-4	Trichlorofluoromethane	7.5	U	30	7.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.0	U	30	4.0	ug/Kg
75-35-4	1,1-Dichloroethene	3.4	U	30	3.4	ug/Kg
67-64-1	Acetone	20	U	150	20	ug/Kg
75-15-0	Carbon disulfide	2.2	U	30	2.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.2	U	30	2.2	ug/Kg
79-20-9	Methyl Acetate	5.2	U	30	5.2	ug/Kg
75-09-2	Methylene Chloride	11	U	30	11	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.8	U	30	3.8	ug/Kg
75-34-3	1,1-Dichloroethane	1.6	U	30	1.6	ug/Kg
110-82-7	Cyclohexane	1.9	U	30	1.9	ug/Kg
78-93-3	2-Butanone	17	U	150	17	ug/Kg
56-23-5	Carbon Tetrachloride	2.7	U	30	2.7	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.9	U	30	1.9	ug/Kg
67-66-3	Chloroform	2.1	U	30	2.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	30	2.5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	30	2.5	ug/Kg
71-43-2	Benzene	2.4	U	30	2.4	ug/Kg
107-06-2	1,2-Dichloroethane	1.8	U	30	1.8	ug/Kg
79-01-6	Trichloroethene	1.8	U	30	1.8	ug/Kg
78-87-5	1,2-Dichloropropane	2.4	U	30	2.4	ug/Kg
75-27-4	Bromodichloromethane	2.0	U	30	2.0	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12	U	150	12	ug/Kg
108-88-3	Toluene	2.4	U	30	2.4	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.2	U	30	2.2	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.0	U	30	2.0	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.8	U	30	1.8	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E2(8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-06**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**19**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019034.D	1	8/22/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	22	U	150	22	ug/Kg
124-48-1	Dibromochloromethane	1.4	U	30	1.4	ug/Kg
106-93-4	1,2-Dibromoethane	2.4	U	30	2.4	ug/Kg
127-18-4	Tetrachloroethene	4.4	U	30	4.4	ug/Kg
108-90-7	Chlorobenzene	2.2	U	30	2.2	ug/Kg
100-41-4	Ethyl Benzene	2.1	U	30	2.1	ug/Kg
126777-61-2	m/p-Xylenes	5.2	U	60	5.2	ug/Kg
95-47-6	o-Xylene	2.3	U	30	2.3	ug/Kg
100-42-5	Styrene	2.8	U	30	2.8	ug/Kg
75-25-2	Bromoform	1.9	U	30	1.9	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	30	2.5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.9	U	30	1.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.3	U	30	3.3	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.3	U	30	3.3	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.3	U	30	2.3	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.6	U	30	5.6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.1	U	30	4.1	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.65	97 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	47.36	95 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	50.36	101 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	48.05	96 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	246612	3.30			
540-36-3	1,4-Difluorobenzene	456957	3.69			
3114-55-4	Chlorobenzene-d5	404290	6.41			
3855-82-1	1,4-Dichlorobenzene-d4	176464	8.70			

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E3 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-07**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**17**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019035.D	1	8/22/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.1	U	30	5.1	ug/Kg
74-87-3	Chloromethane	5.0	U	30	5.0	ug/Kg
75-01-4	Vinyl chloride	4.9	U	30	4.9	ug/Kg
74-83-9	Bromomethane	12	U	30	12	ug/Kg
75-00-3	Chloroethane	13	U	30	13	ug/Kg
75-69-4	Trichlorofluoromethane	7.4	U	30	7.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.9	U	30	3.9	ug/Kg
75-35-4	1,1-Dichloroethene	3.4	U	30	3.4	ug/Kg
67-64-1	Acetone	20	U	150	20	ug/Kg
75-15-0	Carbon disulfide	2.2	U	30	2.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.2	U	30	2.2	ug/Kg
79-20-9	Methyl Acetate	5.1	U	30	5.1	ug/Kg
75-09-2	Methylene Chloride	11	U	30	11	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.8	U	30	3.8	ug/Kg
75-34-3	1,1-Dichloroethane	1.6	U	30	1.6	ug/Kg
110-82-7	Cyclohexane	1.9	U	30	1.9	ug/Kg
78-93-3	2-Butanone	17	U	150	17	ug/Kg
56-23-5	Carbon Tetrachloride	2.6	U	30	2.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.9	U	30	1.9	ug/Kg
67-66-3	Chloroform	2.1	U	30	2.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	30	2.5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	30	2.5	ug/Kg
71-43-2	Benzene	2.4	U	30	2.4	ug/Kg
107-06-2	1,2-Dichloroethane	1.8	U	30	1.8	ug/Kg
79-01-6	Trichloroethene	1.8	U	30	1.8	ug/Kg
78-87-5	1,2-Dichloropropane	2.3	U	30	2.3	ug/Kg
75-27-4	Bromodichloromethane	2.0	U	30	2.0	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12	U	150	12	ug/Kg
108-88-3	Toluene	2.4	U	30	2.4	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.1	U	30	2.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.0	U	30	2.0	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.7	U	30	1.7	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E3 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-07**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**17**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019035.D	1	8/22/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	21	U	150	21	ug/Kg
124-48-1	Dibromochloromethane	1.4	U	30	1.4	ug/Kg
106-93-4	1,2-Dibromoethane	2.4	U	30	2.4	ug/Kg
127-18-4	Tetrachloroethene	4.3	U	30	4.3	ug/Kg
108-90-7	Chlorobenzene	2.1	U	30	2.1	ug/Kg
100-41-4	Ethyl Benzene	2.1	U	30	2.1	ug/Kg
126777-61-2	m/p-Xylenes	5.1	U	59	5.1	ug/Kg
95-47-6	o-Xylene	2.3	U	30	2.3	ug/Kg
100-42-5	Styrene	2.7	U	30	2.7	ug/Kg
75-25-2	Bromoform	1.8	U	30	1.8	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	30	2.5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	30	1.8	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.3	U	30	3.3	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.2	U	30	3.2	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.3	U	30	2.3	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.6	U	30	5.6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.0	U	30	4.0	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.65	97 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	53.99	108 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	51.89	104 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	47.99	96 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	246414	3.30			
540-36-3	1,4-Difluorobenzene	448740	3.69			
3114-55-4	Chlorobenzene-d5	394147	6.41			
3855-82-1	1,4-Dichlorobenzene-d4	166439	8.70			

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E3 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-08**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**18**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019036.D	1	8/22/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.1	U	30	5.1	ug/Kg
74-87-3	Chloromethane	5.1	U	30	5.1	ug/Kg
75-01-4	Vinyl chloride	4.9	U	30	4.9	ug/Kg
74-83-9	Bromomethane	12	U	30	12	ug/Kg
75-00-3	Chloroethane	13	U	30	13	ug/Kg
75-69-4	Trichlorofluoromethane	7.5	U	30	7.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.0	U	30	4.0	ug/Kg
75-35-4	1,1-Dichloroethene	3.4	U	30	3.4	ug/Kg
67-64-1	Acetone	20	U	150	20	ug/Kg
75-15-0	Carbon disulfide	2.2	U	30	2.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.2	U	30	2.2	ug/Kg
79-20-9	Methyl Acetate	5.2	U	30	5.2	ug/Kg
75-09-2	Methylene Chloride	11	U	30	11	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.8	U	30	3.8	ug/Kg
75-34-3	1,1-Dichloroethane	1.6	U	30	1.6	ug/Kg
110-82-7	Cyclohexane	1.9	U	30	1.9	ug/Kg
78-93-3	2-Butanone	17	U	150	17	ug/Kg
56-23-5	Carbon Tetrachloride	2.6	U	30	2.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.9	U	30	1.9	ug/Kg
67-66-3	Chloroform	2.1	U	30	2.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	30	2.5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	30	2.5	ug/Kg
71-43-2	Benzene	2.4	U	30	2.4	ug/Kg
107-06-2	1,2-Dichloroethane	1.8	U	30	1.8	ug/Kg
79-01-6	Trichloroethene	1.8	U	30	1.8	ug/Kg
78-87-5	1,2-Dichloropropane	2.4	U	30	2.4	ug/Kg
75-27-4	Bromodichloromethane	2.0	U	30	2.0	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12	U	150	12	ug/Kg
108-88-3	Toluene	2.4	U	30	2.4	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.2	U	30	2.2	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.0	U	30	2.0	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.8	U	30	1.8	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E3 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-08**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**18**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019036.D	1	8/22/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	22	U	150	22	ug/Kg
124-48-1	Dibromochloromethane	1.4	U	30	1.4	ug/Kg
106-93-4	1,2-Dibromoethane	2.4	U	30	2.4	ug/Kg
127-18-4	Tetrachloroethene	4.4	U	30	4.4	ug/Kg
108-90-7	Chlorobenzene	2.2	U	30	2.2	ug/Kg
100-41-4	Ethyl Benzene	2.1	U	30	2.1	ug/Kg
126777-61-2	m/p-Xylenes	5.2	U	60	5.2	ug/Kg
95-47-6	o-Xylene	2.3	U	30	2.3	ug/Kg
100-42-5	Styrene	2.7	U	30	2.7	ug/Kg
75-25-2	Bromoform	1.9	U	30	1.9	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	30	2.5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.9	U	30	1.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.3	U	30	3.3	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.3	U	30	3.3	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.3	U	30	2.3	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.6	U	30	5.6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.1	U	30	4.1	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	38.02	76 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	44.59	89 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	49.57	99 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	42.74	85 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	291204	3.30			
540-36-3	1,4-Difluorobenzene	518721	3.69			
3114-55-4	Chlorobenzene-d5	426835	6.41			
3855-82-1	1,4-Dichlorobenzene-d4	164250	8.70			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E6 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-09**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**7**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019080.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.6	U	27	4.6	ug/Kg
74-87-3	Chloromethane	4.5	U	27	4.5	ug/Kg
75-01-4	Vinyl chloride	4.4	U	27	4.4	ug/Kg
74-83-9	Bromomethane	11	U	27	11	ug/Kg
75-00-3	Chloroethane	11	U	27	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.6	U	27	6.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.5	U	27	3.5	ug/Kg
75-35-4	1,1-Dichloroethene	3.1	U	27	3.1	ug/Kg
67-64-1	Acetone	18	U	130	18	ug/Kg
75-15-0	Carbon disulfide	2.0	U	27	2.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.0	U	27	2.0	ug/Kg
79-20-9	Methyl Acetate	4.6	U	27	4.6	ug/Kg
75-09-2	Methylene Chloride	9.7	U	27	9.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.4	U	27	3.4	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	27	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	27	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.4	U	27	2.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	27	1.7	ug/Kg
67-66-3	Chloroform	1.9	U	27	1.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	27	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.2	U	27	2.2	ug/Kg
71-43-2	Benzene	2.1	U	27	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	27	1.6	ug/Kg
79-01-6	Trichloroethene	1.6	U	27	1.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	27	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	27	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	130	11	ug/Kg
108-88-3	Toluene	2.2	U	27	2.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	27	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.8	U	27	1.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.6	U	27	1.6	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E6 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-09**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**7**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019080.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	27	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.1	U	27	2.1	ug/Kg
127-18-4	Tetrachloroethene	3.9	U	27	3.9	ug/Kg
108-90-7	Chlorobenzene	1.9	U	27	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.9	U	27	1.9	ug/Kg
126777-61-2	m/p-Xylenes	4.6	U	53	4.6	ug/Kg
95-47-6	o-Xylene	2.0	U	27	2.0	ug/Kg
100-42-5	Styrene	2.4	U	27	2.4	ug/Kg
75-25-2	Bromoform	1.7	U	27	1.7	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	27	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	27	1.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.0	U	27	3.0	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.9	U	27	2.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.1	U	27	2.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U	27	5.0	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.6	U	27	3.6	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.43	89 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	51.4	103 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	50.66	101 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	47.63	95 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	258214	3.30			
540-36-3	1,4-Difluorobenzene	450636	3.70			
3114-55-4	Chlorobenzene-d5	383680	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	168437	8.70			

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E6 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-10**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**14**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019081.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.9	U	29	4.9	ug/Kg
74-87-3	Chloromethane	4.9	U	29	4.9	ug/Kg
75-01-4	Vinyl chloride	4.7	U	29	4.7	ug/Kg
74-83-9	Bromomethane	12	U	29	12	ug/Kg
75-00-3	Chloroethane	12	U	29	12	ug/Kg
75-69-4	Trichlorofluoromethane	7.2	U	29	7.2	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.8	U	29	3.8	ug/Kg
75-35-4	1,1-Dichloroethene	3.3	U	29	3.3	ug/Kg
67-64-1	Acetone	19	U	140	19	ug/Kg
75-15-0	Carbon disulfide	2.1	U	29	2.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.1	U	29	2.1	ug/Kg
79-20-9	Methyl Acetate	5.0	U	29	5.0	ug/Kg
75-09-2	Methylene Chloride	11	U	29	11	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.7	U	29	3.7	ug/Kg
75-34-3	1,1-Dichloroethane	1.5	U	29	1.5	ug/Kg
110-82-7	Cyclohexane	1.9	U	29	1.9	ug/Kg
78-93-3	2-Butanone	16	U	140	16	ug/Kg
56-23-5	Carbon Tetrachloride	2.6	U	29	2.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.9	U	29	1.9	ug/Kg
67-66-3	Chloroform	2.0	U	29	2.0	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.4	U	29	2.4	ug/Kg
108-87-2	Methylcyclohexane	2.4	U	29	2.4	ug/Kg
71-43-2	Benzene	2.3	U	29	2.3	ug/Kg
107-06-2	1,2-Dichloroethane	1.8	U	29	1.8	ug/Kg
79-01-6	Trichloroethene	1.8	U	29	1.8	ug/Kg
78-87-5	1,2-Dichloropropane	2.3	U	29	2.3	ug/Kg
75-27-4	Bromodichloromethane	1.9	U	29	1.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	140	11	ug/Kg
108-88-3	Toluene	2.3	U	29	2.3	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.1	U	29	2.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.9	U	29	1.9	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.7	U	29	1.7	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E6 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-10**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**14**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019081.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	21	U	140	21	ug/Kg
124-48-1	Dibromochloromethane	1.3	U	29	1.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.3	U	29	2.3	ug/Kg
127-18-4	Tetrachloroethene	4.2	U	29	4.2	ug/Kg
108-90-7	Chlorobenzene	2.1	U	29	2.1	ug/Kg
100-41-4	Ethyl Benzene	2.0	U	29	2.0	ug/Kg
126777-61-2	m/p-Xylenes	5.0	U	58	5.0	ug/Kg
95-47-6	o-Xylene	2.2	U	29	2.2	ug/Kg
100-42-5	Styrene	2.6	U	29	2.6	ug/Kg
75-25-2	Bromoform	1.8	U	29	1.8	ug/Kg
98-82-8	Isopropylbenzene	2.4	U	29	2.4	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	29	1.8	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.2	U	29	3.2	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.1	U	29	3.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.2	U	29	2.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.4	U	29	5.4	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.9	U	29	3.9	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.23	92 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	51.86	104 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	50.09	100 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	47.16	94 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	247785	3.30			
540-36-3	1,4-Difluorobenzene	439214	3.70			
3114-55-4	Chlorobenzene-d5	373800	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	162991	8.70			

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E13 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-11**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**16**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019059.D	1	8/23/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.9	U	29	4.9	ug/Kg
74-87-3	Chloromethane	4.9	U	29	4.9	ug/Kg
75-01-4	Vinyl chloride	4.8	U	29	4.8	ug/Kg
74-83-9	Bromomethane	12	U	29	12	ug/Kg
75-00-3	Chloroethane	12	U	29	12	ug/Kg
75-69-4	Trichlorofluoromethane	7.2	U	29	7.2	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.8	U	29	3.8	ug/Kg
75-35-4	1,1-Dichloroethene	3.3	U	29	3.3	ug/Kg
67-64-1	Acetone	19	U	140	19	ug/Kg
75-15-0	Carbon disulfide	2.1	U	29	2.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.1	U	29	2.1	ug/Kg
79-20-9	Methyl Acetate	5.0	U	29	5.0	ug/Kg
75-09-2	Methylene Chloride	11	U	29	11	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.7	U	29	3.7	ug/Kg
75-34-3	1,1-Dichloroethane	1.6	U	29	1.6	ug/Kg
110-82-7	Cyclohexane	1.9	U	29	1.9	ug/Kg
78-93-3	2-Butanone	16	U	140	16	ug/Kg
56-23-5	Carbon Tetrachloride	2.6	U	29	2.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.9	U	29	1.9	ug/Kg
67-66-3	Chloroform	2.0	U	29	2.0	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.4	U	29	2.4	ug/Kg
108-87-2	Methylcyclohexane	2.4	U	29	2.4	ug/Kg
71-43-2	Benzene	2.3	U	29	2.3	ug/Kg
107-06-2	1,2-Dichloroethane	1.8	U	29	1.8	ug/Kg
79-01-6	Trichloroethene	250		29	1.8	ug/Kg
78-87-5	1,2-Dichloropropane	2.3	U	29	2.3	ug/Kg
75-27-4	Bromodichloromethane	1.9	U	29	1.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	140	11	ug/Kg
108-88-3	Toluene	2.3	U	29	2.3	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.1	U	29	2.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.9	U	29	1.9	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.7	U	29	1.7	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E13 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-11**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**16**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019059.D	1	8/23/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	21	U	140	21	ug/Kg
124-48-1	Dibromochloromethane	1.3	U	29	1.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.3	U	29	2.3	ug/Kg
127-18-4	Tetrachloroethene	4.2	U	29	4.2	ug/Kg
108-90-7	Chlorobenzene	2.1	U	29	2.1	ug/Kg
100-41-4	Ethyl Benzene	2.0	U	29	2.0	ug/Kg
126777-61-2	m/p-Xylenes	5.0	U	58	5.0	ug/Kg
95-47-6	o-Xylene	2.2	U	29	2.2	ug/Kg
100-42-5	Styrene	2.7	U	29	2.7	ug/Kg
75-25-2	Bromoform	1.8	U	29	1.8	ug/Kg
98-82-8	Isopropylbenzene	2.4	U	29	2.4	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	29	1.8	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.2	U	29	3.2	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.1	U	29	3.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.2	U	29	2.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.4	U	29	5.4	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.9	U	29	3.9	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	40.8	82 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	52.89	106 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	49.46	99 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	39.92	80 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	271675	3.30			
540-36-3	1,4-Difluorobenzene	473022	3.70			
3114-55-4	Chlorobenzene-d5	390932	6.41			
3855-82-1	1,4-Dichlorobenzene-d4	143623	8.70			

U = Not Detected
RL = Reporting Limit
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E = Value Exceeds Calibration Range

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B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E13 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-12**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**22**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019060.D	1	8/23/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.4	U	31	5.4	ug/Kg
74-87-3	Chloromethane	5.4	U	31	5.4	ug/Kg
75-01-4	Vinyl chloride	5.2	U	31	5.2	ug/Kg
74-83-9	Bromomethane	13	U	31	13	ug/Kg
75-00-3	Chloroethane	13	U	31	13	ug/Kg
75-69-4	Trichlorofluoromethane	7.8	U	31	7.8	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.2	U	31	4.2	ug/Kg
75-35-4	1,1-Dichloroethene	3.6	U	31	3.6	ug/Kg
67-64-1	Acetone	21	U	160	21	ug/Kg
75-15-0	Carbon disulfide	2.3	U	31	2.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.3	U	31	2.3	ug/Kg
79-20-9	Methyl Acetate	5.4	U	31	5.4	ug/Kg
75-09-2	Methylene Chloride	11	U	31	11	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.0	U	31	4.0	ug/Kg
75-34-3	1,1-Dichloroethane	1.7	U	31	1.7	ug/Kg
110-82-7	Cyclohexane	2.0	U	31	2.0	ug/Kg
78-93-3	2-Butanone	18	U	160	18	ug/Kg
56-23-5	Carbon Tetrachloride	2.8	U	31	2.8	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.0	U	31	2.0	ug/Kg
67-66-3	Chloroform	2.2	U	31	2.2	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.6	U	31	2.6	ug/Kg
108-87-2	Methylcyclohexane	2.6	U	31	2.6	ug/Kg
71-43-2	Benzene	2.5	U	31	2.5	ug/Kg
107-06-2	1,2-Dichloroethane	1.9	U	31	1.9	ug/Kg
79-01-6	Trichloroethene	1.9	U	31	1.9	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	31	2.5	ug/Kg
75-27-4	Bromodichloromethane	2.1	U	31	2.1	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12	U	160	12	ug/Kg
108-88-3	Toluene	2.5	U	31	2.5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.3	U	31	2.3	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.1	U	31	2.1	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.8	U	31	1.8	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E13 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-12**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**22**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019060.D	1	8/23/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	23	U	160	23	ug/Kg
124-48-1	Dibromochloromethane	1.4	U	31	1.4	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	31	2.5	ug/Kg
127-18-4	Tetrachloroethene	4.6	U	31	4.6	ug/Kg
108-90-7	Chlorobenzene	2.3	U	31	2.3	ug/Kg
100-41-4	Ethyl Benzene	2.2	U	31	2.2	ug/Kg
126777-61-2	m/p-Xylenes	5.4	U	63	5.4	ug/Kg
95-47-6	o-Xylene	2.4	U	31	2.4	ug/Kg
100-42-5	Styrene	2.9	U	31	2.9	ug/Kg
75-25-2	Bromoform	1.9	U	31	1.9	ug/Kg
98-82-8	Isopropylbenzene	2.6	U	31	2.6	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	31	2.0	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.5	U	31	3.5	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.4	U	31	3.4	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.4	U	31	2.4	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.9	U	31	5.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.3	U	31	4.3	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	41.23	82 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	49.81	100 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	49.48	99 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	45.97	92 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	283112	3.30			
540-36-3	1,4-Difluorobenzene	489678	3.70			
3114-55-4	Chlorobenzene-d5	426350	6.41			
3855-82-1	1,4-Dichlorobenzene-d4	179132	8.70			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E5 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-13**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**18**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019061.D	1	8/23/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.1	U	30	5.1	ug/Kg
74-87-3	Chloromethane	5.0	U	30	5.0	ug/Kg
75-01-4	Vinyl chloride	4.9	U	30	4.9	ug/Kg
74-83-9	Bromomethane	12	U	30	12	ug/Kg
75-00-3	Chloroethane	13	U	30	13	ug/Kg
75-69-4	Trichlorofluoromethane	7.4	U	30	7.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.9	U	30	3.9	ug/Kg
75-35-4	1,1-Dichloroethene	3.4	U	30	3.4	ug/Kg
67-64-1	Acetone	20	U	150	20	ug/Kg
75-15-0	Carbon disulfide	2.2	U	30	2.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.2	U	30	2.2	ug/Kg
79-20-9	Methyl Acetate	5.1	U	30	5.1	ug/Kg
75-09-2	Methylene Chloride	11	U	30	11	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.8	U	30	3.8	ug/Kg
75-34-3	1,1-Dichloroethane	1.6	U	30	1.6	ug/Kg
110-82-7	Cyclohexane	1.9	U	30	1.9	ug/Kg
78-93-3	2-Butanone	17	U	150	17	ug/Kg
56-23-5	Carbon Tetrachloride	2.6	U	30	2.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.9	U	30	1.9	ug/Kg
67-66-3	Chloroform	2.1	U	30	2.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	30	2.5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	30	2.5	ug/Kg
71-43-2	Benzene	2.4	U	30	2.4	ug/Kg
107-06-2	1,2-Dichloroethane	1.8	U	30	1.8	ug/Kg
79-01-6	Trichloroethene	1.8	U	30	1.8	ug/Kg
78-87-5	1,2-Dichloropropane	2.4	U	30	2.4	ug/Kg
75-27-4	Bromodichloromethane	2.0	U	30	2.0	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12	U	150	12	ug/Kg
108-88-3	Toluene	2.4	U	30	2.4	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.1	U	30	2.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.0	U	30	2.0	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.7	U	30	1.7	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E5 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-13**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**18**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019061.D	1	8/23/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	21	U	150	21	ug/Kg
124-48-1	Dibromochloromethane	1.4	U	30	1.4	ug/Kg
106-93-4	1,2-Dibromoethane	2.4	U	30	2.4	ug/Kg
127-18-4	Tetrachloroethene	4.3	U	30	4.3	ug/Kg
108-90-7	Chlorobenzene	2.1	U	30	2.1	ug/Kg
100-41-4	Ethyl Benzene	2.1	U	30	2.1	ug/Kg
126777-61-2	m/p-Xylenes	5.1	U	59	5.1	ug/Kg
95-47-6	o-Xylene	2.3	U	30	2.3	ug/Kg
100-42-5	Styrene	2.7	U	30	2.7	ug/Kg
75-25-2	Bromoform	1.8	U	30	1.8	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	30	2.5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	30	1.8	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.3	U	30	3.3	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.2	U	30	3.2	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.3	U	30	2.3	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.6	U	30	5.6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.0	U	30	4.0	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.58	89 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	52.94	106 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	51.6	103 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	47.86	96 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	261671	3.30			
540-36-3	1,4-Difluorobenzene	463017	3.69			
3114-55-4	Chlorobenzene-d5	408271	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	173280	8.70			

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E5 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-14**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**15**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019062.D	1	8/23/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.9	U	29	4.9	ug/Kg
74-87-3	Chloromethane	4.9	U	29	4.9	ug/Kg
75-01-4	Vinyl chloride	4.7	U	29	4.7	ug/Kg
74-83-9	Bromomethane	12	U	29	12	ug/Kg
75-00-3	Chloroethane	12	U	29	12	ug/Kg
75-69-4	Trichlorofluoromethane	7.1	U	29	7.1	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.8	U	29	3.8	ug/Kg
75-35-4	1,1-Dichloroethene	3.3	U	29	3.3	ug/Kg
67-64-1	Acetone	19	U	140	19	ug/Kg
75-15-0	Carbon disulfide	2.1	U	29	2.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.1	U	29	2.1	ug/Kg
79-20-9	Methyl Acetate	4.9	U	29	4.9	ug/Kg
75-09-2	Methylene Chloride	10	U	29	10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.6	U	29	3.6	ug/Kg
75-34-3	1,1-Dichloroethane	1.5	U	29	1.5	ug/Kg
110-82-7	Cyclohexane	1.9	U	29	1.9	ug/Kg
78-93-3	2-Butanone	16	U	140	16	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	29	2.5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.9	U	29	1.9	ug/Kg
67-66-3	Chloroform	2.0	U	29	2.0	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.4	U	29	2.4	ug/Kg
108-87-2	Methylcyclohexane	2.4	U	29	2.4	ug/Kg
71-43-2	Benzene	2.3	U	29	2.3	ug/Kg
107-06-2	1,2-Dichloroethane	1.8	U	29	1.8	ug/Kg
79-01-6	Trichloroethene	1.8	U	29	1.8	ug/Kg
78-87-5	1,2-Dichloropropane	2.3	U	29	2.3	ug/Kg
75-27-4	Bromodichloromethane	1.9	U	29	1.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	140	11	ug/Kg
108-88-3	Toluene	2.3	U	29	2.3	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.1	U	29	2.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.9	U	29	1.9	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.7	U	29	1.7	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E5 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-14**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**15**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019062.D	1	8/23/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	21	U	140	21	ug/Kg
124-48-1	Dibromochloromethane	1.3	U	29	1.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.3	U	29	2.3	ug/Kg
127-18-4	Tetrachloroethene	4.2	U	29	4.2	ug/Kg
108-90-7	Chlorobenzene	2.1	U	29	2.1	ug/Kg
100-41-4	Ethyl Benzene	2.0	U	29	2.0	ug/Kg
126777-61-2	m/p-Xylenes	4.9	U	57	4.9	ug/Kg
95-47-6	o-Xylene	2.2	U	29	2.2	ug/Kg
100-42-5	Styrene	2.6	U	29	2.6	ug/Kg
75-25-2	Bromoform	1.8	U	29	1.8	ug/Kg
98-82-8	Isopropylbenzene	2.4	U	29	2.4	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	29	1.8	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.2	U	29	3.2	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.1	U	29	3.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.2	U	29	2.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.4	U	29	5.4	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.9	U	29	3.9	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.22	88 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	51.82	104 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	51.14	102 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	48.08	96 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	267329	3.30			
540-36-3	1,4-Difluorobenzene	476567	3.69			
3114-55-4	Chlorobenzene-d5	413072	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	179733	8.70			

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E14 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-15**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**12**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019063.D	1	8/23/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.8	U	28	4.8	ug/Kg
74-87-3	Chloromethane	4.8	U	28	4.8	ug/Kg
75-01-4	Vinyl chloride	4.6	U	28	4.6	ug/Kg
74-83-9	Bromomethane	11	U	28	11	ug/Kg
75-00-3	Chloroethane	12	U	28	12	ug/Kg
75-69-4	Trichlorofluoromethane	7.0	U	28	7.0	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.7	U	28	3.7	ug/Kg
75-35-4	1,1-Dichloroethene	3.2	U	28	3.2	ug/Kg
67-64-1	Acetone	66	J	140	19	ug/Kg
75-15-0	Carbon disulfide	2.1	U	28	2.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.1	U	28	2.1	ug/Kg
79-20-9	Methyl Acetate	4.9	U	28	4.9	ug/Kg
75-09-2	Methylene Chloride	10	U	28	10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.6	U	28	3.6	ug/Kg
75-34-3	1,1-Dichloroethane	1.5	U	28	1.5	ug/Kg
110-82-7	Cyclohexane	1.8	U	28	1.8	ug/Kg
78-93-3	2-Butanone	16	U	140	16	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	28	2.5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.8	U	28	1.8	ug/Kg
67-66-3	Chloroform	2.0	U	28	2.0	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.4	U	28	2.4	ug/Kg
108-87-2	Methylcyclohexane	2.4	U	28	2.4	ug/Kg
71-43-2	Benzene	2.2	U	28	2.2	ug/Kg
107-06-2	1,2-Dichloroethane	1.7	U	28	1.7	ug/Kg
79-01-6	Trichloroethene	1.7	U	28	1.7	ug/Kg
78-87-5	1,2-Dichloropropane	2.2	U	28	2.2	ug/Kg
75-27-4	Bromodichloromethane	1.9	U	28	1.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	140	11	ug/Kg
108-88-3	Toluene	2.3	U	28	2.3	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.0	U	28	2.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.9	U	28	1.9	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.7	U	28	1.7	ug/Kg

U = Not Detected
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E14 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-15**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**12**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019063.D	1	8/23/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	20	U	140	20	ug/Kg
124-48-1	Dibromochloromethane	1.3	U	28	1.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.3	U	28	2.3	ug/Kg
127-18-4	Tetrachloroethene	4.1	U	28	4.1	ug/Kg
108-90-7	Chlorobenzene	2.0	U	28	2.0	ug/Kg
100-41-4	Ethyl Benzene	2.0	U	28	2.0	ug/Kg
126777-61-2	m/p-Xylenes	4.9	U	56	4.9	ug/Kg
95-47-6	o-Xylene	2.2	U	28	2.2	ug/Kg
100-42-5	Styrene	2.6	U	28	2.6	ug/Kg
75-25-2	Bromoform	1.7	U	28	1.7	ug/Kg
98-82-8	Isopropylbenzene	2.3	U	28	2.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	28	1.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.1	U	28	3.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.1	U	28	3.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.2	U	28	2.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.3	U	28	5.3	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.8	U	28	3.8	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.31	93 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	52.12	104 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	47.77	96 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	48.47	97 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	255287	3.30			
540-36-3	1,4-Difluorobenzene	466901	3.69			
3114-55-4	Chlorobenzene-d5	388355	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	170836	8.70			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E14 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-16**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**19**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019064.D	1	8/23/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.2	U	31	5.2	ug/Kg
74-87-3	Chloromethane	5.2	U	31	5.2	ug/Kg
75-01-4	Vinyl chloride	5.0	U	31	5.0	ug/Kg
74-83-9	Bromomethane	12	U	31	12	ug/Kg
75-00-3	Chloroethane	13	U	31	13	ug/Kg
75-69-4	Trichlorofluoromethane	7.6	U	31	7.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.1	U	31	4.1	ug/Kg
75-35-4	1,1-Dichloroethene	3.5	U	31	3.5	ug/Kg
67-64-1	Acetone	21	U	150	21	ug/Kg
75-15-0	Carbon disulfide	2.2	U	31	2.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.2	U	31	2.2	ug/Kg
79-20-9	Methyl Acetate	5.3	U	31	5.3	ug/Kg
75-09-2	Methylene Chloride	11	U	31	11	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.9	U	31	3.9	ug/Kg
75-34-3	1,1-Dichloroethane	1.6	U	31	1.6	ug/Kg
110-82-7	Cyclohexane	2.0	U	31	2.0	ug/Kg
78-93-3	2-Butanone	17	U	150	17	ug/Kg
56-23-5	Carbon Tetrachloride	2.7	U	31	2.7	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.0	U	31	2.0	ug/Kg
67-66-3	Chloroform	2.1	U	31	2.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.6	U	31	2.6	ug/Kg
108-87-2	Methylcyclohexane	2.6	U	31	2.6	ug/Kg
71-43-2	Benzene	2.4	U	31	2.4	ug/Kg
107-06-2	1,2-Dichloroethane	1.9	U	31	1.9	ug/Kg
79-01-6	Trichloroethene	1.9	U	31	1.9	ug/Kg
78-87-5	1,2-Dichloropropane	2.4	U	31	2.4	ug/Kg
75-27-4	Bromodichloromethane	2.0	U	31	2.0	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12	U	150	12	ug/Kg
108-88-3	Toluene	2.5	U	31	2.5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.2	U	31	2.2	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.0	U	31	2.0	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.8	U	31	1.8	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E14 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-16**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**19**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019064.D	1	8/23/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	22	U	150	22	ug/Kg
124-48-1	Dibromochloromethane	1.4	U	31	1.4	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	31	2.5	ug/Kg
127-18-4	Tetrachloroethene	4.5	U	31	4.5	ug/Kg
108-90-7	Chlorobenzene	2.2	U	31	2.2	ug/Kg
100-41-4	Ethyl Benzene	2.2	U	31	2.2	ug/Kg
126777-61-2	m/p-Xylenes	5.3	U	61	5.3	ug/Kg
95-47-6	o-Xylene	2.3	U	31	2.3	ug/Kg
100-42-5	Styrene	2.8	U	31	2.8	ug/Kg
75-25-2	Bromoform	1.9	U	31	1.9	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	31	2.5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.9	U	31	1.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.4	U	31	3.4	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.3	U	31	3.3	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.4	U	31	2.4	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.8	U	31	5.8	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.2	U	31	4.2	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.56	89 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	52.58	105 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	51.24	102 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	47.89	96 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	260224	3.30			
540-36-3	1,4-Difluorobenzene	462186	3.69			
3114-55-4	Chlorobenzene-d5	394476	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	172308	8.70			

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E7 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-17**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**6**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019065.D	1	8/23/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.4	U	26	4.4	ug/Kg
74-87-3	Chloromethane	4.4	U	26	4.4	ug/Kg
75-01-4	Vinyl chloride	4.3	U	26	4.3	ug/Kg
74-83-9	Bromomethane	10	U	26	10	ug/Kg
75-00-3	Chloroethane	11	U	26	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.4	U	26	6.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.4	U	26	3.4	ug/Kg
75-35-4	1,1-Dichloroethene	3.0	U	26	3.0	ug/Kg
67-64-1	Acetone	17	U	130	17	ug/Kg
75-15-0	Carbon disulfide	1.9	U	26	1.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.9	U	26	1.9	ug/Kg
79-20-9	Methyl Acetate	4.5	U	26	4.5	ug/Kg
75-09-2	Methylene Chloride	9.4	U	26	9.4	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.3	U	26	3.3	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	26	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	26	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.3	U	26	2.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	26	1.7	ug/Kg
67-66-3	Chloroform	1.8	U	26	1.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	26	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.2	U	26	2.2	ug/Kg
71-43-2	Benzene	2.1	U	26	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	26	1.6	ug/Kg
79-01-6	Trichloroethene	1.6	U	26	1.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	26	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.7	U	26	1.7	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10	U	130	10	ug/Kg
108-88-3	Toluene	2.1	U	26	2.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	26	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.7	U	26	1.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.5	U	26	1.5	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E7 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-17**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**6**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019065.D	1	8/23/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	26	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.1	U	26	2.1	ug/Kg
127-18-4	Tetrachloroethene	3.8	U	26	3.8	ug/Kg
108-90-7	Chlorobenzene	1.9	U	26	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.8	U	26	1.8	ug/Kg
126777-61-2	m/p-Xylenes	4.5	U	52	4.5	ug/Kg
95-47-6	o-Xylene	2.0	U	26	2.0	ug/Kg
100-42-5	Styrene	2.4	U	26	2.4	ug/Kg
75-25-2	Bromoform	1.6	U	26	1.6	ug/Kg
98-82-8	Isopropylbenzene	2.1	U	26	2.1	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U	26	1.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.9	U	26	2.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.8	U	26	2.8	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.0	U	26	2.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.9	U	26	4.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.5	U	26	3.5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.41	93 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	51.53	103 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	48.9	98 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	43.12	86 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	240784	3.30			
540-36-3	1,4-Difluorobenzene	438305	3.70			
3114-55-4	Chlorobenzene-d5	358565	6.41			
3855-82-1	1,4-Dichlorobenzene-d4	137881	8.70			

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E12 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-19**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**8**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019074.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.6	U	27	4.6	ug/Kg
74-87-3	Chloromethane	4.6	U	27	4.6	ug/Kg
75-01-4	Vinyl chloride	4.4	U	27	4.4	ug/Kg
74-83-9	Bromomethane	11	U	27	11	ug/Kg
75-00-3	Chloroethane	11	U	27	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.7	U	27	6.7	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.6	U	27	3.6	ug/Kg
75-35-4	1,1-Dichloroethene	3.1	U	27	3.1	ug/Kg
67-64-1	Acetone	18	U	130	18	ug/Kg
75-15-0	Carbon disulfide	2.0	U	27	2.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.0	U	27	2.0	ug/Kg
79-20-9	Methyl Acetate	4.7	U	27	4.7	ug/Kg
75-09-2	Methylene Chloride	9.8	U	27	9.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.4	U	27	3.4	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	27	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	27	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.4	U	27	2.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	27	1.7	ug/Kg
67-66-3	Chloroform	1.9	U	27	1.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	27	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.3	U	27	2.3	ug/Kg
71-43-2	Benzene	2.1	U	27	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.7	U	27	1.7	ug/Kg
79-01-6	Trichloroethene	1.7	U	27	1.7	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	27	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	27	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	130	11	ug/Kg
108-88-3	Toluene	2.2	U	27	2.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.0	U	27	2.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.8	U	27	1.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.6	U	27	1.6	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E12 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-19**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**8**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019074.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	27	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.2	U	27	2.2	ug/Kg
127-18-4	Tetrachloroethene	3.9	U	27	3.9	ug/Kg
108-90-7	Chlorobenzene	1.9	U	27	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.9	U	27	1.9	ug/Kg
126777-61-2	m/p-Xylenes	4.7	U	54	4.7	ug/Kg
95-47-6	o-Xylene	2.1	U	27	2.1	ug/Kg
100-42-5	Styrene	2.5	U	27	2.5	ug/Kg
75-25-2	Bromoform	1.7	U	27	1.7	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	27	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	27	1.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.0	U	27	3.0	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.9	U	27	2.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.1	U	27	2.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.1	U	27	5.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.7	U	27	3.7	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	39.96	80 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	44.3	89 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	49.6	99 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	45.37	91 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	285041	3.29			
540-36-3	1,4-Difluorobenzene	494655	3.69			
3114-55-4	Chlorobenzene-d5	417868	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	174516	8.70			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E12 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-20**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**24**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019075.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.5	U	32	5.5	ug/Kg
74-87-3	Chloromethane	5.4	U	32	5.4	ug/Kg
75-01-4	Vinyl chloride	5.3	U	32	5.3	ug/Kg
74-83-9	Bromomethane	13	U	32	13	ug/Kg
75-00-3	Chloroethane	14	U	32	14	ug/Kg
75-69-4	Trichlorofluoromethane	8.0	U	32	8.0	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.2	U	32	4.2	ug/Kg
75-35-4	1,1-Dichloroethene	3.7	U	32	3.7	ug/Kg
67-64-1	Acetone	21	U	160	21	ug/Kg
75-15-0	Carbon disulfide	2.4	U	32	2.4	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.4	U	32	2.4	ug/Kg
79-20-9	Methyl Acetate	5.5	U	32	5.5	ug/Kg
75-09-2	Methylene Chloride	12	U	32	12	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.1	U	32	4.1	ug/Kg
75-34-3	1,1-Dichloroethane	1.7	U	32	1.7	ug/Kg
110-82-7	Cyclohexane	2.1	U	32	2.1	ug/Kg
78-93-3	2-Butanone	18	U	160	18	ug/Kg
56-23-5	Carbon Tetrachloride	2.8	U	32	2.8	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.1	U	32	2.1	ug/Kg
67-66-3	Chloroform	2.2	U	32	2.2	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.7	U	32	2.7	ug/Kg
108-87-2	Methylcyclohexane	2.7	U	32	2.7	ug/Kg
71-43-2	Benzene	2.5	U	32	2.5	ug/Kg
107-06-2	1,2-Dichloroethane	2.0	U	32	2.0	ug/Kg
79-01-6	Trichloroethene	2.0	U	32	2.0	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	32	2.5	ug/Kg
75-27-4	Bromodichloromethane	2.1	U	32	2.1	ug/Kg
108-10-1	4-Methyl-2-Pentanone	13	U	160	13	ug/Kg
108-88-3	Toluene	2.6	U	32	2.6	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.3	U	32	2.3	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.1	U	32	2.1	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.9	U	32	1.9	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E12 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-20**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**24**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019075.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	23	U	160	23	ug/Kg
124-48-1	Dibromochloromethane	1.5	U	32	1.5	ug/Kg
106-93-4	1,2-Dibromoethane	2.6	U	32	2.6	ug/Kg
127-18-4	Tetrachloroethene	4.7	U	32	4.7	ug/Kg
108-90-7	Chlorobenzene	2.3	U	32	2.3	ug/Kg
100-41-4	Ethyl Benzene	2.3	U	32	2.3	ug/Kg
126777-61-2	m/p-Xylenes	5.5	U	64	5.5	ug/Kg
95-47-6	o-Xylene	2.5	U	32	2.5	ug/Kg
100-42-5	Styrene	2.9	U	32	2.9	ug/Kg
75-25-2	Bromoform	2.0	U	32	2.0	ug/Kg
98-82-8	Isopropylbenzene	2.7	U	32	2.7	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	32	2.0	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.6	U	32	3.6	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.5	U	32	3.5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	32	2.5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	6.0	U	32	6.0	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.4	U	32	4.4	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	42.16	84 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	50.39	101 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	50.45	101 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	46.6	93 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	269658	3.30			
540-36-3	1,4-Difluorobenzene	477182	3.70			
3114-55-4	Chlorobenzene-d5	406178	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	170071	8.70			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E4 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-21**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**12**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019076.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.7	U	28	4.7	ug/Kg
74-87-3	Chloromethane	4.7	U	28	4.7	ug/Kg
75-01-4	Vinyl chloride	4.5	U	28	4.5	ug/Kg
74-83-9	Bromomethane	11	U	28	11	ug/Kg
75-00-3	Chloroethane	12	U	28	12	ug/Kg
75-69-4	Trichlorofluoromethane	6.9	U	28	6.9	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.7	U	28	3.7	ug/Kg
75-35-4	1,1-Dichloroethene	3.2	U	28	3.2	ug/Kg
67-64-1	Acetone	19	U	140	19	ug/Kg
75-15-0	Carbon disulfide	2.0	U	28	2.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.0	U	28	2.0	ug/Kg
79-20-9	Methyl Acetate	4.8	U	28	4.8	ug/Kg
75-09-2	Methylene Chloride	10	U	28	10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.5	U	28	3.5	ug/Kg
75-34-3	1,1-Dichloroethane	1.5	U	28	1.5	ug/Kg
110-82-7	Cyclohexane	1.8	U	28	1.8	ug/Kg
78-93-3	2-Butanone	16	U	140	16	ug/Kg
56-23-5	Carbon Tetrachloride	2.4	U	28	2.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.8	U	28	1.8	ug/Kg
67-66-3	Chloroform	1.9	U	28	1.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.3	U	28	2.3	ug/Kg
108-87-2	Methylcyclohexane	2.3	U	28	2.3	ug/Kg
71-43-2	Benzene	2.2	U	28	2.2	ug/Kg
107-06-2	1,2-Dichloroethane	1.7	U	28	1.7	ug/Kg
79-01-6	Trichloroethene	1.7	U	28	1.7	ug/Kg
78-87-5	1,2-Dichloropropane	2.2	U	28	2.2	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	28	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	140	11	ug/Kg
108-88-3	Toluene	2.2	U	28	2.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.0	U	28	2.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.8	U	28	1.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.6	U	28	1.6	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E4 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-21**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**12**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019076.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	20	U	140	20	ug/Kg
124-48-1	Dibromochloromethane	1.3	U	28	1.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.2	U	28	2.2	ug/Kg
127-18-4	Tetrachloroethene	4.0	U	28	4.0	ug/Kg
108-90-7	Chlorobenzene	2.0	U	28	2.0	ug/Kg
100-41-4	Ethyl Benzene	2.0	U	28	2.0	ug/Kg
126777-61-2	m/p-Xylenes	4.8	U	55	4.8	ug/Kg
95-47-6	o-Xylene	2.1	U	28	2.1	ug/Kg
100-42-5	Styrene	2.5	U	28	2.5	ug/Kg
75-25-2	Bromoform	1.7	U	28	1.7	ug/Kg
98-82-8	Isopropylbenzene	2.3	U	28	2.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	28	1.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.1	U	28	3.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.0	U	28	3.0	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.1	U	28	2.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.2	U	28	5.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.8	U	28	3.8	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.07	90 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	52.39	105 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	50.85	102 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	47.89	96 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	260330	3.30			
540-36-3	1,4-Difluorobenzene	459972	3.69			
3114-55-4	Chlorobenzene-d5	394993	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	171735	8.70			

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E4 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-22**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**22**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019077.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.4	U	31	5.4	ug/Kg
74-87-3	Chloromethane	5.4	U	31	5.4	ug/Kg
75-01-4	Vinyl chloride	5.2	U	31	5.2	ug/Kg
74-83-9	Bromomethane	13	U	31	13	ug/Kg
75-00-3	Chloroethane	13	U	31	13	ug/Kg
75-69-4	Trichlorofluoromethane	7.8	U	31	7.8	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.2	U	31	4.2	ug/Kg
75-35-4	1,1-Dichloroethene	3.6	U	31	3.6	ug/Kg
67-64-1	Acetone	21	U	160	21	ug/Kg
75-15-0	Carbon disulfide	2.3	U	31	2.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.3	U	31	2.3	ug/Kg
79-20-9	Methyl Acetate	5.4	U	31	5.4	ug/Kg
75-09-2	Methylene Chloride	11	U	31	11	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.0	U	31	4.0	ug/Kg
75-34-3	1,1-Dichloroethane	1.7	U	31	1.7	ug/Kg
110-82-7	Cyclohexane	2.0	U	31	2.0	ug/Kg
78-93-3	2-Butanone	18	U	160	18	ug/Kg
56-23-5	Carbon Tetrachloride	2.8	U	31	2.8	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.0	U	31	2.0	ug/Kg
67-66-3	Chloroform	2.2	U	31	2.2	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.6	U	31	2.6	ug/Kg
108-87-2	Methylcyclohexane	2.6	U	31	2.6	ug/Kg
71-43-2	Benzene	2.5	U	31	2.5	ug/Kg
107-06-2	1,2-Dichloroethane	1.9	U	31	1.9	ug/Kg
79-01-6	Trichloroethene	1.9	U	31	1.9	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	31	2.5	ug/Kg
75-27-4	Bromodichloromethane	2.1	U	31	2.1	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12	U	160	12	ug/Kg
108-88-3	Toluene	2.5	U	31	2.5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.3	U	31	2.3	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.1	U	31	2.1	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.8	U	31	1.8	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E4 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-22**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**22**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019077.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	23	U	160	23	ug/Kg
124-48-1	Dibromochloromethane	1.4	U	31	1.4	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	31	2.5	ug/Kg
127-18-4	Tetrachloroethene	4.6	U	31	4.6	ug/Kg
108-90-7	Chlorobenzene	2.3	U	31	2.3	ug/Kg
100-41-4	Ethyl Benzene	2.2	U	31	2.2	ug/Kg
126777-61-2	m/p-Xylenes	5.4	U	63	5.4	ug/Kg
95-47-6	o-Xylene	2.4	U	31	2.4	ug/Kg
100-42-5	Styrene	2.9	U	31	2.9	ug/Kg
75-25-2	Bromoform	1.9	U	31	1.9	ug/Kg
98-82-8	Isopropylbenzene	2.6	U	31	2.6	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	31	2.0	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.5	U	31	3.5	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.4	U	31	3.4	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.4	U	31	2.4	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.9	U	31	5.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.3	U	31	4.3	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.57	87 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	51.04	102 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	50.28	101 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	46.58	93 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	269556	3.30			
540-36-3	1,4-Difluorobenzene	483753	3.69			
3114-55-4	Chlorobenzene-d5	408753	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	174109	8.70			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	Date Collected:	8/17/2007
Project:	49 Dupont Street	Date Received:	8/21/2007
Client Sample ID:	TB	SDG No.:	Y4128
Lab Sample ID:	Y4128-23	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG008363.D	1	8/30/2007	VG082907

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	Date Collected:	8/17/2007
Project:	49 Dupont Street	Date Received:	8/21/2007
Client Sample ID:	TB	SDG No.:	Y4128
Lab Sample ID:	Y4128-23	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG008363.D	1	8/30/2007	VG082907

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.7	103 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	52.23	104 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	49.83	100 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	51.42	103 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1332488	4.43			
540-36-3	1,4-Difluorobenzene	3002438	5.31			
3114-55-4	Chlorobenzene-d5	3374432	10.04			
3855-82-1	1,4-Dichlorobenzene-d4	1648114	13.72			

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Chemtech

Summary Sheet
SW-846

SDG No.: Y4128 **Order ID:** Y4128

Client: Environmental Business Consultants **Project ID:** ENVI49

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**E13 (0-4)**							
Y4128-11	E13 (0-4)	SOIL	Trichloroethene	250		29	1.8	ug/Kg
			Total VOC's:	250.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	250.00				
Client ID:	**E14 (0-4)**							
Y4128-15	E14 (0-4)	SOIL	Acetone	66	J	140	19	ug/Kg
			Total VOC's:	66.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	66.00				
Client ID:	**E2(0-4)**							
Y4128-03	E2(0-4)	SOIL	Acetone	72	J	150	20	ug/Kg
			Total VOC's:	72.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	72.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E1 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-01	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	13
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039400.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	78	U	380	78	ug/Kg
108-95-2	Phenol	57	U	380	57	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	60	U	380	60	ug/Kg
95-57-8	2-Chlorophenol	60	U	380	60	ug/Kg
95-48-7	2-Methylphenol	63	U	380	63	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61	U	380	61	ug/Kg
98-86-2	Acetophenone	55	U	380	55	ug/Kg
106-44-5	3+4-Methylphenols	60	U	380	60	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	380	63	ug/Kg
67-72-1	Hexachloroethane	64	U	380	64	ug/Kg
98-95-3	Nitrobenzene	83	U	380	83	ug/Kg
78-59-1	Isophorone	57	U	380	57	ug/Kg
88-75-5	2-Nitrophenol	58	U	380	58	ug/Kg
105-67-9	2,4-Dimethylphenol	60	U	380	60	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	62	U	380	62	ug/Kg
120-83-2	2,4-Dichlorophenol	70	U	380	70	ug/Kg
91-20-3	Naphthalene	65	U	380	65	ug/Kg
106-47-8	4-Chloroaniline	45	U	380	45	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	380	58	ug/Kg
105-60-2	Caprolactam	61	U	380	61	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	380	52	ug/Kg
91-57-6	2-Methylnaphthalene	63	U	380	63	ug/Kg
77-47-4	Hexachlorocyclopentadiene	60	U	380	60	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	380	56	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	950	58	ug/Kg
92-52-4	1,1-Biphenyl	62	U	380	62	ug/Kg
91-58-7	2-Chloronaphthalene	63	U	380	63	ug/Kg
88-74-4	2-Nitroaniline	48	U	950	48	ug/Kg
131-11-3	Dimethylphthalate	61	U	380	61	ug/Kg
208-96-8	Acenaphthylene	61	U	380	61	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	380	54	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E1 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-01	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	13
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039400.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	49	U	950	49	ug/Kg
83-32-9	Acenaphthene	67	U	380	67	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	950	320	ug/Kg
100-02-7	4-Nitrophenol	47	U	950	47	ug/Kg
132-64-9	Dibenzofuran	63	U	380	63	ug/Kg
121-14-2	2,4-Dinitrotoluene	56	U	380	56	ug/Kg
84-66-2	Diethylphthalate	65	U	380	65	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	380	60	ug/Kg
86-73-7	Fluorene	64	U	380	64	ug/Kg
100-01-6	4-Nitroaniline	65	U	950	65	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73	U	950	73	ug/Kg
86-30-6	N-Nitrosodiphenylamine	62	U	380	62	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	380	56	ug/Kg
118-74-1	Hexachlorobenzene	61	U	380	61	ug/Kg
1912-24-9	Atrazine	58	U	380	58	ug/Kg
87-86-5	Pentachlorophenol	88	U	950	88	ug/Kg
85-01-8	Phenanthrene	60	U	380	60	ug/Kg
120-12-7	Anthracene	57	U	380	57	ug/Kg
86-74-8	Carbazole	58	U	380	58	ug/Kg
84-74-2	Di-n-butylphthalate	58	U	380	58	ug/Kg
206-44-0	Fluoranthene	56	U	380	56	ug/Kg
129-00-0	Pyrene	67	U	380	67	ug/Kg
85-68-7	Butylbenzylphthalate	61	U	380	61	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	380	65	ug/Kg
56-55-3	Benzo(a)anthracene	53	U	380	53	ug/Kg
218-01-9	Chrysene	68	U	380	68	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	80	J	380	73	ug/Kg
117-84-0	Di-n-octyl phthalate	64	U	380	64	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	380	42	ug/Kg
207-08-9	Benzo(k)fluoranthene	83	U	380	83	ug/Kg
50-32-8	Benzo(a)pyrene	61	U	380	61	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E1 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-01	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	13
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039400.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	48	U	380	48	ug/Kg
53-70-3	Dibenz(a,h)anthracene	47	U	380	47	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63	U	380	63	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	90.87	61 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	99	66 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	70.66	71 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	68.61	69 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	80.11	53 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	69.3	69 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	250201	4.88			
1146-65-2	Naphthalene-d8	1100900	7.06			
15067-26-2	Acenaphthene-d10	520178	10.39			
1517-22-2	Phenanthrene-d10	807158	13.26			
1719-03-5	Chrysene-d12	685306	18.45			
1520-96-3	Perylene-d12	543419	21.05			

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E1 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-02**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**20**
Sample Wt/Vol:	**30.3 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039397.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	84	U	410	84	ug/Kg
108-95-2	Phenol	62	U	410	62	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	65	U	410	65	ug/Kg
95-57-8	2-Chlorophenol	65	U	410	65	ug/Kg
95-48-7	2-Methylphenol	68	U	410	68	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	410	66	ug/Kg
98-86-2	Acetophenone	60	U	410	60	ug/Kg
106-44-5	3+4-Methylphenols	65	U	410	65	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	68	U	410	68	ug/Kg
67-72-1	Hexachloroethane	70	U	410	70	ug/Kg
98-95-3	Nitrobenzene	89	U	410	89	ug/Kg
78-59-1	Isophorone	62	U	410	62	ug/Kg
88-75-5	2-Nitrophenol	63	U	410	63	ug/Kg
105-67-9	2,4-Dimethylphenol	65	U	410	65	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	67	U	410	67	ug/Kg
120-83-2	2,4-Dichlorophenol	76	U	410	76	ug/Kg
91-20-3	Naphthalene	70	U	410	70	ug/Kg
106-47-8	4-Chloroaniline	49	U	410	49	ug/Kg
87-68-3	Hexachlorobutadiene	63	U	410	63	ug/Kg
105-60-2	Caprolactam	66	U	410	66	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	410	57	ug/Kg
91-57-6	2-Methylnaphthalene	69	U	410	69	ug/Kg
77-47-4	Hexachlorocyclopentadiene	65	U	410	65	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	410	60	ug/Kg
95-95-4	2,4,5-Trichlorophenol	63	U	1000	63	ug/Kg
92-52-4	1,1-Biphenyl	68	U	410	68	ug/Kg
91-58-7	2-Chloronaphthalene	68	U	410	68	ug/Kg
88-74-4	2-Nitroaniline	52	U	1000	52	ug/Kg
131-11-3	Dimethylphthalate	66	U	410	66	ug/Kg
208-96-8	Acenaphthylene	67	U	410	67	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	410	58	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E1 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	20
Sample Wt/Vol:	30.3 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039397.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	53	U	1000	53	ug/Kg
83-32-9	Acenaphthene	73	U	410	73	ug/Kg
51-28-5	2,4-Dinitrophenol	350	U	1000	350	ug/Kg
100-02-7	4-Nitrophenol	51	U	1000	51	ug/Kg
132-64-9	Dibenzofuran	68	U	410	68	ug/Kg
121-14-2	2,4-Dinitrotoluene	60	U	410	60	ug/Kg
84-66-2	Diethylphthalate	71	U	410	71	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	65	U	410	65	ug/Kg
86-73-7	Fluorene	69	U	410	69	ug/Kg
100-01-6	4-Nitroaniline	70	U	1000	70	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80	U	1000	80	ug/Kg
86-30-6	N-Nitrosodiphenylamine	68	U	410	68	ug/Kg
101-55-3	4-Bromophenyl-phenylether	61	U	410	61	ug/Kg
118-74-1	Hexachlorobenzene	66	U	410	66	ug/Kg
1912-24-9	Atrazine	63	U	410	63	ug/Kg
87-86-5	Pentachlorophenol	95	U	1000	95	ug/Kg
85-01-8	Phenanthrene	65	U	410	65	ug/Kg
120-12-7	Anthracene	62	U	410	62	ug/Kg
86-74-8	Carbazole	63	U	410	63	ug/Kg
84-74-2	Di-n-butylphthalate	62	U	410	62	ug/Kg
206-44-0	Fluoranthene	61	U	410	61	ug/Kg
129-00-0	Pyrene	72	U	410	72	ug/Kg
85-68-7	Butylbenzylphthalate	66	U	410	66	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70	U	410	70	ug/Kg
56-55-3	Benzo(a)anthracene	57	U	410	57	ug/Kg
218-01-9	Chrysene	74	U	410	74	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	79	U	410	79	ug/Kg
117-84-0	Di-n-octyl phthalate	70	U	410	70	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	410	45	ug/Kg
207-08-9	Benzo(k)fluoranthene	90	U	410	90	ug/Kg
50-32-8	Benzo(a)pyrene	66	U	410	66	ug/Kg

U = Not Detected
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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E1 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-02**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**20**
Sample Wt/Vol:	**30.3 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039397.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	410	52	ug/Kg
53-70-3	Dibenz(a,h)anthracene	51	U	410	51	ug/Kg
191-24-2	Benzo(g,h,i)perylene	68	U	410	68	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	90.29	60 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	100.79	67 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	68.84	69 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	67.02	67 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	78.79	53 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	67.89	68 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	242095	4.88			
1146-65-2	Naphthalene-d8	1079312	7.06			
15067-26-2	Acenaphthene-d10	513855	10.40			
1517-22-2	Phenanthrene-d10	780338	13.27			
1719-03-5	Chrysene-d12	682044	18.46			
1520-96-3	Perylene-d12	563476	21.06			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E2(0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-03	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	15
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039420.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	80	U	390	80	ug/Kg
108-95-2	Phenol	59	U	390	59	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61	U	390	61	ug/Kg
95-57-8	2-Chlorophenol	62	U	390	62	ug/Kg
95-48-7	2-Methylphenol	65	U	390	65	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	390	63	ug/Kg
98-86-2	Acetophenone	57	U	390	57	ug/Kg
106-44-5	3+4-Methylphenols	61	U	390	61	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	64	U	390	64	ug/Kg
67-72-1	Hexachloroethane	66	U	390	66	ug/Kg
98-95-3	Nitrobenzene	85	U	390	85	ug/Kg
78-59-1	Isophorone	58	U	390	58	ug/Kg
88-75-5	2-Nitrophenol	60	U	390	60	ug/Kg
105-67-9	2,4-Dimethylphenol	62	U	390	62	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	64	U	390	64	ug/Kg
120-83-2	2,4-Dichlorophenol	72	U	390	72	ug/Kg
91-20-3	Naphthalene	66	U	390	66	ug/Kg
106-47-8	4-Chloroaniline	46	U	390	46	ug/Kg
87-68-3	Hexachlorobutadiene	60	U	390	60	ug/Kg
105-60-2	Caprolactam	62	U	390	62	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	390	54	ug/Kg
91-57-6	2-Methylnaphthalene	65	U	390	65	ug/Kg
77-47-4	Hexachlorocyclopentadiene	62	U	390	62	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	390	57	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	970	59	ug/Kg
92-52-4	1,1-Biphenyl	64	U	390	64	ug/Kg
91-58-7	2-Chloronaphthalene	64	U	390	64	ug/Kg
88-74-4	2-Nitroaniline	49	U	970	49	ug/Kg
131-11-3	Dimethylphthalate	62	U	390	62	ug/Kg
208-96-8	Acenaphthylene	63	U	390	63	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	390	55	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E2(0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-03	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	15
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039420.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	51	U	970	51	ug/Kg
83-32-9	Acenaphthene	69	U	390	69	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	970	330	ug/Kg
100-02-7	4-Nitrophenol	48	U	970	48	ug/Kg
132-64-9	Dibenzofuran	64	U	390	64	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	390	57	ug/Kg
84-66-2	Diethylphthalate	67	U	390	67	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	390	61	ug/Kg
86-73-7	Fluorene	65	U	390	65	ug/Kg
100-01-6	4-Nitroaniline	66	U	970	66	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75	U	970	75	ug/Kg
86-30-6	N-Nitrosodiphenylamine	64	U	390	64	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58	U	390	58	ug/Kg
118-74-1	Hexachlorobenzene	62	U	390	62	ug/Kg
1912-24-9	Atrazine	59	U	390	59	ug/Kg
87-86-5	Pentachlorophenol	90	U	970	90	ug/Kg
85-01-8	Phenanthrene	62	U	390	62	ug/Kg
120-12-7	Anthracene	59	U	390	59	ug/Kg
86-74-8	Carbazole	59	U	390	59	ug/Kg
84-74-2	Di-n-butylphthalate	59	U	390	59	ug/Kg
206-44-0	Fluoranthene	58	U	390	58	ug/Kg
129-00-0	Pyrene	69	U	390	69	ug/Kg
85-68-7	Butylbenzylphthalate	63	U	390	63	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	390	66	ug/Kg
56-55-3	Benzo(a)anthracene	54	U	390	54	ug/Kg
218-01-9	Chrysene	70	U	390	70	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	75	U	390	75	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	390	66	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	390	43	ug/Kg
207-08-9	Benzo(k)fluoranthene	85	U	390	85	ug/Kg
50-32-8	Benzo(a)pyrene	62	U	390	62	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E2(0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-03	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	15
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039420.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	49	U	390	49	ug/Kg
53-70-3	Dibenz(a,h)anthracene	49	U	390	49	ug/Kg
191-24-2	Benzo(g,h,i)perylene	64	U	390	64	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	93.16	62 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	101.07	67 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	71.7	72 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	66.72	67 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	75.6	50 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	76.09	76 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	270352	4.89			
1146-65-2	Naphthalene-d8	1172770	7.07			
15067-26-2	Acenaphthene-d10	566899	10.41			
1517-22-2	Phenanthrene-d10	893159	13.28			
1719-03-5	Chrysene-d12	673660	18.47			
1520-96-3	Perylene-d12	557084	21.08			

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E2(8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-06**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**19**
Sample Wt/Wol:	**30.3 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039398.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	83	U	400	83	ug/Kg
108-95-2	Phenol	61	U	400	61	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	64	U	400	64	ug/Kg
95-57-8	2-Chlorophenol	65	U	400	65	ug/Kg
95-48-7	2-Methylphenol	67	U	400	67	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	400	65	ug/Kg
98-86-2	Acetophenone	59	U	400	59	ug/Kg
106-44-5	3+4-Methylphenols	64	U	400	64	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	67	U	400	67	ug/Kg
67-72-1	Hexachloroethane	69	U	400	69	ug/Kg
98-95-3	Nitrobenzene	88	U	400	88	ug/Kg
78-59-1	Isophorone	61	U	400	61	ug/Kg
88-75-5	2-Nitrophenol	62	U	400	62	ug/Kg
105-67-9	2,4-Dimethylphenol	64	U	400	64	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	66	U	400	66	ug/Kg
120-83-2	2,4-Dichlorophenol	75	U	400	75	ug/Kg
91-20-3	Naphthalene	69	U	400	69	ug/Kg
106-47-8	4-Chloroaniline	48	U	400	48	ug/Kg
87-68-3	Hexachlorobutadiene	62	U	400	62	ug/Kg
105-60-2	Caprolactam	65	U	400	65	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	400	56	ug/Kg
91-57-6	2-Methylnaphthalene	68	U	400	68	ug/Kg
77-47-4	Hexachlorocyclopentadiene	65	U	400	65	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	400	59	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	1000	62	ug/Kg
92-52-4	1,1-Biphenyl	67	U	400	67	ug/Kg
91-58-7	2-Chloronaphthalene	67	U	400	67	ug/Kg
88-74-4	2-Nitroaniline	51	U	1000	51	ug/Kg
131-11-3	Dimethylphthalate	65	U	400	65	ug/Kg
208-96-8	Acenaphthylene	66	U	400	66	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	400	57	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E2(8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-06**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**19**
Sample Wt/Wol:	**30.3 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039398.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	53	U	1000	53	ug/Kg
83-32-9	Acenaphthene	72	U	400	72	ug/Kg
51-28-5	2,4-Dinitrophenol	350	U	1000	350	ug/Kg
100-02-7	4-Nitrophenol	50	U	1000	50	ug/Kg
132-64-9	Dibenzofuran	67	U	400	67	ug/Kg
121-14-2	2,4-Dinitrotoluene	59	U	400	59	ug/Kg
84-66-2	Diethylphthalate	70	U	400	70	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	64	U	400	64	ug/Kg
86-73-7	Fluorene	68	U	400	68	ug/Kg
100-01-6	4-Nitroaniline	69	U	1000	69	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78	U	1000	78	ug/Kg
86-30-6	N-Nitrosodiphenylamine	67	U	400	67	ug/Kg
101-55-3	4-Bromophenyl-phenylether	60	U	400	60	ug/Kg
118-74-1	Hexachlorobenzene	65	U	400	65	ug/Kg
1912-24-9	Atrazine	62	U	400	62	ug/Kg
87-86-5	Pentachlorophenol	94	U	1000	94	ug/Kg
85-01-8	Phenanthrene	64	U	400	64	ug/Kg
120-12-7	Anthracene	61	U	400	61	ug/Kg
86-74-8	Carbazole	62	U	400	62	ug/Kg
84-74-2	Di-n-butylphthalate	62	U	400	62	ug/Kg
206-44-0	Fluoranthene	60	U	400	60	ug/Kg
129-00-0	Pyrene	72	U	400	72	ug/Kg
85-68-7	Butylbenzylphthalate	65	U	400	65	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	400	69	ug/Kg
56-55-3	Benzo(a)anthracene	57	U	400	57	ug/Kg
218-01-9	Chrysene	73	U	400	73	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	78	U	400	78	ug/Kg
117-84-0	Di-n-octyl phthalate	69	U	400	69	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	400	44	ug/Kg
207-08-9	Benzo(k)fluoranthene	89	U	400	89	ug/Kg
50-32-8	Benzo(a)pyrene	65	U	400	65	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E2(8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-06**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**19**
Sample Wt/Wol:	**30.3 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039398.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	51	U	400	51	ug/Kg
53-70-3	Dibenz(a,h)anthracene	51	U	400	51	ug/Kg
191-24-2	Benzo(g,h,i)perylene	67	U	400	67	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	92.33	62 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	102.6	68 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	71.92	72 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	67.45	67 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	80.27	54 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	72	72 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	231745	4.88			
1146-65-2	Naphthalene-d8	1027127	7.06			
15067-26-2	Acenaphthene-d10	500192	10.39			
1517-22-2	Phenanthrene-d10	768203	13.27			
1719-03-5	Chrysene-d12	632801	18.45			
1520-96-3	Perylene-d12	522315	21.06			

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E3 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-07**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**17**
Sample Wt/Wol:	**30.2 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039414.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	81	U	390	81	ug/Kg
108-95-2	Phenol	60	U	390	60	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	63	U	390	63	ug/Kg
95-57-8	2-Chlorophenol	63	U	390	63	ug/Kg
95-48-7	2-Methylphenol	66	U	390	66	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64	U	390	64	ug/Kg
98-86-2	Acetophenone	58	U	390	58	ug/Kg
106-44-5	3+4-Methylphenols	62	U	390	62	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	66	U	390	66	ug/Kg
67-72-1	Hexachloroethane	67	U	390	67	ug/Kg
98-95-3	Nitrobenzene	86	U	390	86	ug/Kg
78-59-1	Isophorone	59	U	390	59	ug/Kg
88-75-5	2-Nitrophenol	61	U	390	61	ug/Kg
105-67-9	2,4-Dimethylphenol	63	U	390	63	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	65	U	390	65	ug/Kg
120-83-2	2,4-Dichlorophenol	73	U	390	73	ug/Kg
91-20-3	Naphthalene	68	U	390	68	ug/Kg
106-47-8	4-Chloroaniline	47	U	390	47	ug/Kg
87-68-3	Hexachlorobutadiene	61	U	390	61	ug/Kg
105-60-2	Caprolactam	64	U	390	64	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	390	55	ug/Kg
91-57-6	2-Methylnaphthalene	66	U	390	66	ug/Kg
77-47-4	Hexachlorocyclopentadiene	63	U	390	63	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	390	58	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	990	61	ug/Kg
92-52-4	1,1-Biphenyl	65	U	390	65	ug/Kg
91-58-7	2-Chloronaphthalene	66	U	390	66	ug/Kg
88-74-4	2-Nitroaniline	50	U	990	50	ug/Kg
131-11-3	Dimethylphthalate	64	U	390	64	ug/Kg
208-96-8	Acenaphthylene	64	U	390	64	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	390	56	ug/Kg

U = Not Detected
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E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E3 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-07	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	17
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039414.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	52	U	990	52	ug/Kg
83-32-9	Acenaphthene	70	U	390	70	ug/Kg
51-28-5	2,4-Dinitrophenol	340	U	990	340	ug/Kg
100-02-7	4-Nitrophenol	49	U	990	49	ug/Kg
132-64-9	Dibenzofuran	65	U	390	65	ug/Kg
121-14-2	2,4-Dinitrotoluene	58	U	390	58	ug/Kg
84-66-2	Diethylphthalate	68	U	390	68	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63	U	390	63	ug/Kg
86-73-7	Fluorene	67	U	390	67	ug/Kg
100-01-6	4-Nitroaniline	68	U	990	68	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	990	77	ug/Kg
86-30-6	N-Nitrosodiphenylamine	65	U	390	65	ug/Kg
101-55-3	4-Bromophenyl-phenylether	59	U	390	59	ug/Kg
118-74-1	Hexachlorobenzene	63	U	390	63	ug/Kg
1912-24-9	Atrazine	61	U	390	61	ug/Kg
87-86-5	Pentachlorophenol	92	U	990	92	ug/Kg
85-01-8	Phenanthrene	63	U	390	63	ug/Kg
120-12-7	Anthracene	60	U	390	60	ug/Kg
86-74-8	Carbazole	60	U	390	60	ug/Kg
84-74-2	Di-n-butylphthalate	60	U	390	60	ug/Kg
206-44-0	Fluoranthene	59	U	390	59	ug/Kg
129-00-0	Pyrene	70	U	390	70	ug/Kg
85-68-7	Butylbenzylphthalate	64	U	390	64	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	390	68	ug/Kg
56-55-3	Benzo(a)anthracene	55	U	390	55	ug/Kg
218-01-9	Chrysene	71	U	390	71	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	110	J	390	76	ug/Kg
117-84-0	Di-n-octyl phthalate	67	U	390	67	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	390	44	ug/Kg
207-08-9	Benzo(k)fluoranthene	87	U	390	87	ug/Kg
50-32-8	Benzo(a)pyrene	63	U	390	63	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E3 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-07**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**17**
Sample Wt/Vol:	**30.2 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039414.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	390	50	ug/Kg
53-70-3	Dibenz(a,h)anthracene	50	U	390	50	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65	U	390	65	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	91.13	61 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	100.4	67 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	72.82	73 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	66.18	66 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	71.94	48 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	80.5	81 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	302250	4.89			
1146-65-2	Naphthalene-d8	1316743	7.08			
15067-26-2	Acenaphthene-d10	620437	10.41			
1517-22-2	Phenanthrene-d10	913536	13.28			
1719-03-5	Chrysene-d12	593028	18.48			
1520-96-3	Perylene-d12	435910	21.07			

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E3 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-08**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**18**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039406.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	83	U	400	83	ug/Kg
108-95-2	Phenol	61	U	400	61	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	64	U	400	64	ug/Kg
95-57-8	2-Chlorophenol	64	U	400	64	ug/Kg
95-48-7	2-Methylphenol	67	U	400	67	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	400	65	ug/Kg
98-86-2	Acetophenone	59	U	400	59	ug/Kg
106-44-5	3+4-Methylphenols	64	U	400	64	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	67	U	400	67	ug/Kg
67-72-1	Hexachloroethane	68	U	400	68	ug/Kg
98-95-3	Nitrobenzene	88	U	400	88	ug/Kg
78-59-1	Isophorone	61	U	400	61	ug/Kg
88-75-5	2-Nitrophenol	62	U	400	62	ug/Kg
105-67-9	2,4-Dimethylphenol	64	U	400	64	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	66	U	400	66	ug/Kg
120-83-2	2,4-Dichlorophenol	75	U	400	75	ug/Kg
91-20-3	Naphthalene	69	U	400	69	ug/Kg
106-47-8	4-Chloroaniline	48	U	400	48	ug/Kg
87-68-3	Hexachlorobutadiene	62	U	400	62	ug/Kg
105-60-2	Caprolactam	65	U	400	65	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	400	56	ug/Kg
91-57-6	2-Methylnaphthalene	67	U	400	67	ug/Kg
77-47-4	Hexachlorocyclopentadiene	64	U	400	64	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	400	59	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	1000	62	ug/Kg
92-52-4	1,1-Biphenyl	66	U	400	66	ug/Kg
91-58-7	2-Chloronaphthalene	67	U	400	67	ug/Kg
88-74-4	2-Nitroaniline	51	U	1000	51	ug/Kg
131-11-3	Dimethylphthalate	65	U	400	65	ug/Kg
208-96-8	Acenaphthylene	65	U	400	65	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	400	57	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E3 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-08	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	18
Sample Wt/Vol:	30.0 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039406.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	52	U	1000	52	ug/Kg
83-32-9	Acenaphthene	72	U	400	72	ug/Kg
51-28-5	2,4-Dinitrophenol	340	U	1000	340	ug/Kg
100-02-7	4-Nitrophenol	50	U	1000	50	ug/Kg
132-64-9	Dibenzofuran	67	U	400	67	ug/Kg
121-14-2	2,4-Dinitrotoluene	59	U	400	59	ug/Kg
84-66-2	Diethylphthalate	70	U	400	70	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	64	U	400	64	ug/Kg
86-73-7	Fluorene	68	U	400	68	ug/Kg
100-01-6	4-Nitroaniline	69	U	1000	69	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78	U	1000	78	ug/Kg
86-30-6	N-Nitrosodiphenylamine	66	U	400	66	ug/Kg
101-55-3	4-Bromophenyl-phenylether	60	U	400	60	ug/Kg
118-74-1	Hexachlorobenzene	64	U	400	64	ug/Kg
1912-24-9	Atrazine	62	U	400	62	ug/Kg
87-86-5	Pentachlorophenol	93	U	1000	93	ug/Kg
85-01-8	Phenanthrene	64	U	400	64	ug/Kg
120-12-7	Anthracene	61	U	400	61	ug/Kg
86-74-8	Carbazole	62	U	400	62	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	400	61	ug/Kg
206-44-0	Fluoranthene	60	U	400	60	ug/Kg
129-00-0	Pyrene	71	U	400	71	ug/Kg
85-68-7	Butylbenzylphthalate	65	U	400	65	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	400	69	ug/Kg
56-55-3	Benzo(a)anthracene	56	U	400	56	ug/Kg
218-01-9	Chrysene	72	U	400	72	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	160	J	400	77	ug/Kg
117-84-0	Di-n-octyl phthalate	69	U	400	69	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	400	44	ug/Kg
207-08-9	Benzo(k)fluoranthene	89	U	400	89	ug/Kg
50-32-8	Benzo(a)pyrene	64	U	400	64	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E3 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-08**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**18**
Sample Wt/Wol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039406.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	51	U	400	51	ug/Kg
53-70-3	Dibenz(a,h)anthracene	51	U	400	51	ug/Kg
191-24-2	Benzo(g,h,i)perylene	67	U	400	67	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	91.14	61 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	101.12	67 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	70.67	71 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	66.43	66 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	76.51	51 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	70.48	70 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	254094	4.88			
1146-65-2	Naphthalene-d8	1135162	7.06			
15067-26-2	Acenaphthene-d10	541217	10.39			
1517-22-2	Phenanthrene-d10	847458	13.26			
1719-03-5	Chrysene-d12	694941	18.45			
1520-96-3	Perylene-d12	549092	21.05			

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E6 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-09**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**7**
Sample Wt/Vol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039404.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	73	U	350	73	ug/Kg
108-95-2	Phenol	54	U	350	54	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56	U	350	56	ug/Kg
95-57-8	2-Chlorophenol	56	U	350	56	ug/Kg
95-48-7	2-Methylphenol	59	U	350	59	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57	U	350	57	ug/Kg
98-86-2	Acetophenone	52	U	350	52	ug/Kg
106-44-5	3+4-Methylphenols	56	U	350	56	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	350	59	ug/Kg
67-72-1	Hexachloroethane	60	U	350	60	ug/Kg
98-95-3	Nitrobenzene	77	U	350	77	ug/Kg
78-59-1	Isophorone	53	U	350	53	ug/Kg
88-75-5	2-Nitrophenol	54	U	350	54	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	350	56	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58	U	350	58	ug/Kg
120-83-2	2,4-Dichlorophenol	65	U	350	65	ug/Kg
91-20-3	Naphthalene	60	U	350	60	ug/Kg
106-47-8	4-Chloroaniline	42	U	350	42	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	350	54	ug/Kg
105-60-2	Caprolactam	57	U	350	57	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	350	49	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	350	59	ug/Kg
77-47-4	Hexachlorocyclopentadiene	56	U	350	56	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	350	52	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	890	54	ug/Kg
92-52-4	1,1-Biphenyl	58	U	350	58	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	350	59	ug/Kg
88-74-4	2-Nitroaniline	45	U	890	45	ug/Kg
131-11-3	Dimethylphthalate	57	U	350	57	ug/Kg
208-96-8	Acenaphthylene	57	U	350	57	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	350	50	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E6 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-09	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039404.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	46	U	890	46	ug/Kg
83-32-9	Acenaphthene	63	U	350	63	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	890	300	ug/Kg
100-02-7	4-Nitrophenol	44	U	890	44	ug/Kg
132-64-9	Dibenzofuran	59	U	350	59	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	350	52	ug/Kg
84-66-2	Diethylphthalate	61	U	350	61	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	350	56	ug/Kg
86-73-7	Fluorene	60	U	350	60	ug/Kg
100-01-6	4-Nitroaniline	60	U	890	60	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	69	U	890	69	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	350	58	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	350	53	ug/Kg
118-74-1	Hexachlorobenzene	57	U	350	57	ug/Kg
1912-24-9	Atrazine	54	U	350	54	ug/Kg
87-86-5	Pentachlorophenol	82	U	890	82	ug/Kg
85-01-8	Phenanthrene	56	U	350	56	ug/Kg
120-12-7	Anthracene	53	U	350	53	ug/Kg
86-74-8	Carbazole	54	U	350	54	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	350	54	ug/Kg
206-44-0	Fluoranthene	53	U	350	53	ug/Kg
129-00-0	Pyrene	63	U	350	63	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	350	57	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	350	61	ug/Kg
56-55-3	Benzo(a)anthracene	50	U	350	50	ug/Kg
218-01-9	Chrysene	64	U	350	64	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	68	U	350	68	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	350	60	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	350	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	78	U	350	78	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	350	57	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
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B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E6 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-09	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039404.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	350	45	ug/Kg
53-70-3	Dibenz(a,h)anthracene	44	U	350	44	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59	U	350	59	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	92.28	62 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	101.59	68 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	68.51	69 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	66.15	66 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	78.91	53 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	75.37	75 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	240946	4.88			
1146-65-2	Naphthalene-d8	1092546	7.06			
15067-26-2	Acenaphthene-d10	529140	10.39			
1517-22-2	Phenanthrene-d10	798989	13.27			
1719-03-5	Chrysene-d12	613738	18.45			
1520-96-3	Perylene-d12	497881	21.05			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E6 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-10	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	14
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039401.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	78	U	380	78	ug/Kg
108-95-2	Phenol	58	U	380	58	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	60	U	380	60	ug/Kg
95-57-8	2-Chlorophenol	61	U	380	61	ug/Kg
95-48-7	2-Methylphenol	64	U	380	64	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62	U	380	62	ug/Kg
98-86-2	Acetophenone	56	U	380	56	ug/Kg
106-44-5	3+4-Methylphenols	60	U	380	60	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	380	63	ug/Kg
67-72-1	Hexachloroethane	65	U	380	65	ug/Kg
98-95-3	Nitrobenzene	83	U	380	83	ug/Kg
78-59-1	Isophorone	57	U	380	57	ug/Kg
88-75-5	2-Nitrophenol	59	U	380	59	ug/Kg
105-67-9	2,4-Dimethylphenol	61	U	380	61	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	63	U	380	63	ug/Kg
120-83-2	2,4-Dichlorophenol	71	U	380	71	ug/Kg
91-20-3	Naphthalene	65	U	380	65	ug/Kg
106-47-8	4-Chloroaniline	46	U	380	46	ug/Kg
87-68-3	Hexachlorobutadiene	59	U	380	59	ug/Kg
105-60-2	Caprolactam	61	U	380	61	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	380	53	ug/Kg
91-57-6	2-Methylnaphthalene	64	U	380	64	ug/Kg
77-47-4	Hexachlorocyclopentadiene	61	U	380	61	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	380	56	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	960	58	ug/Kg
92-52-4	1,1-Biphenyl	63	U	380	63	ug/Kg
91-58-7	2-Chloronaphthalene	63	U	380	63	ug/Kg
88-74-4	2-Nitroaniline	49	U	960	49	ug/Kg
131-11-3	Dimethylphthalate	61	U	380	61	ug/Kg
208-96-8	Acenaphthylene	62	U	380	62	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	380	54	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E6 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-10	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	14
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039401.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	50	U	960	50	ug/Kg
83-32-9	Acenaphthene	68	U	380	68	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	960	330	ug/Kg
100-02-7	4-Nitrophenol	47	U	960	47	ug/Kg
132-64-9	Dibenzofuran	63	U	380	63	ug/Kg
121-14-2	2,4-Dinitrotoluene	56	U	380	56	ug/Kg
84-66-2	Diethylphthalate	66	U	380	66	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	380	60	ug/Kg
86-73-7	Fluorene	64	U	380	64	ug/Kg
100-01-6	4-Nitroaniline	65	U	960	65	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74	U	960	74	ug/Kg
86-30-6	N-Nitrosodiphenylamine	63	U	380	63	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	380	57	ug/Kg
118-74-1	Hexachlorobenzene	61	U	380	61	ug/Kg
1912-24-9	Atrazine	59	U	380	59	ug/Kg
87-86-5	Pentachlorophenol	88	U	960	88	ug/Kg
85-01-8	Phenanthrene	61	U	380	61	ug/Kg
120-12-7	Anthracene	58	U	380	58	ug/Kg
86-74-8	Carbazole	58	U	380	58	ug/Kg
84-74-2	Di-n-butylphthalate	58	U	380	58	ug/Kg
206-44-0	Fluoranthene	57	U	380	57	ug/Kg
129-00-0	Pyrene	68	U	380	68	ug/Kg
85-68-7	Butylbenzylphthalate	62	U	380	62	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	380	65	ug/Kg
56-55-3	Benzo(a)anthracene	53	U	380	53	ug/Kg
218-01-9	Chrysene	69	U	380	69	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	73	U	380	73	ug/Kg
117-84-0	Di-n-octyl phthalate	65	U	380	65	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	380	42	ug/Kg
207-08-9	Benzo(k)fluoranthene	84	U	380	84	ug/Kg
50-32-8	Benzo(a)pyrene	61	U	380	61	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E6 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-10	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	14
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039401.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	49	U	380	49	ug/Kg
53-70-3	Dibenz(a,h)anthracene	48	U	380	48	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63	U	380	63	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	93.78	63 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	103.12	69 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	71.49	71 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	69.34	69 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	81.27	54 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	72.5	73 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	230544	4.88			
1146-65-2	Naphthalene-d8	1006515	7.06			
15067-26-2	Acenaphthene-d10	487241	10.39			
1517-22-2	Phenanthrene-d10	734741	13.26			
1719-03-5	Chrysene-d12	626333	18.45			
1520-96-3	Perylene-d12	506983	21.05			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E13 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-11	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	16
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039426.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	81	U	390	81	ug/Kg
108-95-2	Phenol	59	U	390	59	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	62	U	390	62	ug/Kg
95-57-8	2-Chlorophenol	63	U	390	63	ug/Kg
95-48-7	2-Methylphenol	65	U	390	65	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	390	63	ug/Kg
98-86-2	Acetophenone	57	U	390	57	ug/Kg
106-44-5	3+4-Methylphenols	62	U	390	62	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	65	U	390	65	ug/Kg
67-72-1	Hexachloroethane	67	U	390	67	ug/Kg
98-95-3	Nitrobenzene	86	U	390	86	ug/Kg
78-59-1	Isophorone	59	U	390	59	ug/Kg
88-75-5	2-Nitrophenol	60	U	390	60	ug/Kg
105-67-9	2,4-Dimethylphenol	62	U	390	62	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	65	U	390	65	ug/Kg
120-83-2	2,4-Dichlorophenol	73	U	390	73	ug/Kg
91-20-3	Naphthalene	67	U	390	67	ug/Kg
106-47-8	4-Chloroaniline	47	U	390	47	ug/Kg
87-68-3	Hexachlorobutadiene	60	U	390	60	ug/Kg
105-60-2	Caprolactam	63	U	390	63	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	390	54	ug/Kg
91-57-6	2-Methylnaphthalene	66	U	390	66	ug/Kg
77-47-4	Hexachlorocyclopentadiene	63	U	390	63	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	390	58	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	980	60	ug/Kg
92-52-4	1,1-Biphenyl	65	U	390	65	ug/Kg
91-58-7	2-Chloronaphthalene	65	U	390	65	ug/Kg
88-74-4	2-Nitroaniline	50	U	980	50	ug/Kg
131-11-3	Dimethylphthalate	63	U	390	63	ug/Kg
208-96-8	Acenaphthylene	64	U	390	64	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	390	56	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E13 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-11**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**16**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039426.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	51	U	980	51	ug/Kg
83-32-9	Acenaphthene	70	U	390	70	ug/Kg
51-28-5	2,4-Dinitrophenol	340	U	980	340	ug/Kg
100-02-7	4-Nitrophenol	49	U	980	49	ug/Kg
132-64-9	Dibenzofuran	65	U	390	65	ug/Kg
121-14-2	2,4-Dinitrotoluene	58	U	390	58	ug/Kg
84-66-2	Diethylphthalate	68	U	390	68	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62	U	390	62	ug/Kg
86-73-7	Fluorene	66	U	390	66	ug/Kg
100-01-6	4-Nitroaniline	67	U	980	67	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76	U	980	76	ug/Kg
86-30-6	N-Nitrosodiphenylamine	65	U	390	65	ug/Kg
101-55-3	4-Bromophenyl-phenylether	59	U	390	59	ug/Kg
118-74-1	Hexachlorobenzene	63	U	390	63	ug/Kg
1912-24-9	Atrazine	60	U	390	60	ug/Kg
87-86-5	Pentachlorophenol	91	U	980	91	ug/Kg
85-01-8	Phenanthrene	410		390	63	ug/Kg
120-12-7	Anthracene	59	U	390	59	ug/Kg
86-74-8	Carbazole	60	U	390	60	ug/Kg
84-74-2	Di-n-butylphthalate	60	U	390	60	ug/Kg
206-44-0	Fluoranthene	490		390	58	ug/Kg
129-00-0	Pyrene	640		390	69	ug/Kg
85-68-7	Butylbenzylphthalate	63	U	390	63	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	390	67	ug/Kg
56-55-3	Benzo(a)anthracene	250	J	390	55	ug/Kg
218-01-9	Chrysene	250	J	390	70	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	75	U	390	75	ug/Kg
117-84-0	Di-n-octyl phthalate	67	U	390	67	ug/Kg
205-99-2	Benzo(b)fluoranthene	270	J	390	43	ug/Kg
207-08-9	Benzo(k)fluoranthene	94	J	390	86	ug/Kg
50-32-8	Benzo(a)pyrene	200	J	390	63	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E13 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-11**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**16**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039426.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	56	J	390	50	ug/Kg
53-70-3	Dibenz(a,h)anthracene	49	U	390	49	ug/Kg
191-24-2	Benzo(g,h,i)perylene	83	J	390	65	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	87.88	59 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	96.07	64 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	65.92	66 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	64.21	64 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	71.83	48 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	72.88	73 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	309660	4.89			
1146-65-2	Naphthalene-d8	1360605	7.07			
15067-26-2	Acenaphthene-d10	646606	10.41			
1517-22-2	Phenanthrene-d10	926245	13.29			
1719-03-5	Chrysene-d12	648098	18.48			
1520-96-3	Perylene-d12	395020	21.08			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E13 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-12	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	22
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039421.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	87	U	420	87	ug/Kg
108-95-2	Phenol	64	U	420	64	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	67	U	420	67	ug/Kg
95-57-8	2-Chlorophenol	68	U	420	68	ug/Kg
95-48-7	2-Methylphenol	70	U	420	70	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68	U	420	68	ug/Kg
98-86-2	Acetophenone	62	U	420	62	ug/Kg
106-44-5	3+4-Methylphenols	67	U	420	67	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	70	U	420	70	ug/Kg
67-72-1	Hexachloroethane	72	U	420	72	ug/Kg
98-95-3	Nitrobenzene	92	U	420	92	ug/Kg
78-59-1	Isophorone	64	U	420	64	ug/Kg
88-75-5	2-Nitrophenol	65	U	420	65	ug/Kg
105-67-9	2,4-Dimethylphenol	67	U	420	67	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	70	U	420	70	ug/Kg
120-83-2	2,4-Dichlorophenol	78	U	420	78	ug/Kg
91-20-3	Naphthalene	72	U	420	72	ug/Kg
106-47-8	4-Chloroaniline	50	U	420	50	ug/Kg
87-68-3	Hexachlorobutadiene	65	U	420	65	ug/Kg
105-60-2	Caprolactam	68	U	420	68	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	420	58	ug/Kg
91-57-6	2-Methylnaphthalene	71	U	420	71	ug/Kg
77-47-4	Hexachlorocyclopentadiene	68	U	420	68	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	420	62	ug/Kg
95-95-4	2,4,5-Trichlorophenol	65	U	1100	65	ug/Kg
92-52-4	1,1-Biphenyl	70	U	420	70	ug/Kg
91-58-7	2-Chloronaphthalene	70	U	420	70	ug/Kg
88-74-4	2-Nitroaniline	54	U	1100	54	ug/Kg
131-11-3	Dimethylphthalate	68	U	420	68	ug/Kg
208-96-8	Acenaphthylene	69	U	420	69	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	420	60	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E13 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-12	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	22
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039421.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	55	U	1100	55	ug/Kg
83-32-9	Acenaphthene	75	U	420	75	ug/Kg
51-28-5	2,4-Dinitrophenol	360	U	1100	360	ug/Kg
100-02-7	4-Nitrophenol	52	U	1100	52	ug/Kg
132-64-9	Dibenzofuran	70	U	420	70	ug/Kg
121-14-2	2,4-Dinitrotoluene	62	U	420	62	ug/Kg
84-66-2	Diethylphthalate	73	U	420	73	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	67	U	420	67	ug/Kg
86-73-7	Fluorene	71	U	420	71	ug/Kg
100-01-6	4-Nitroaniline	72	U	1100	72	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82	U	1100	82	ug/Kg
86-30-6	N-Nitrosodiphenylamine	70	U	420	70	ug/Kg
101-55-3	4-Bromophenyl-phenylether	63	U	420	63	ug/Kg
118-74-1	Hexachlorobenzene	68	U	420	68	ug/Kg
1912-24-9	Atrazine	65	U	420	65	ug/Kg
87-86-5	Pentachlorophenol	98	U	1100	98	ug/Kg
85-01-8	Phenanthrene	70	J	420	67	ug/Kg
120-12-7	Anthracene	64	U	420	64	ug/Kg
86-74-8	Carbazole	65	U	420	65	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	420	64	ug/Kg
206-44-0	Fluoranthene	63	U	420	63	ug/Kg
129-00-0	Pyrene	84	J	420	75	ug/Kg
85-68-7	Butylbenzylphthalate	68	U	420	68	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72	U	420	72	ug/Kg
56-55-3	Benzo(a)anthracene	59	U	420	59	ug/Kg
218-01-9	Chrysene	76	U	420	76	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	110	J	420	81	ug/Kg
117-84-0	Di-n-octyl phthalate	72	U	420	72	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	U	420	47	ug/Kg
207-08-9	Benzo(k)fluoranthene	93	U	420	93	ug/Kg
50-32-8	Benzo(a)pyrene	68	U	420	68	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E13 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-12**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**22**
Sample Wt/Vol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039421.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	420	54	ug/Kg
53-70-3	Dibenz(a,h)anthracene	53	U	420	53	ug/Kg
191-24-2	Benzo(g,h,i)perylene	70	U	420	70	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	91.66	61 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	99.33	66 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	72.18	72 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	66.04	66 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	71.86	48 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	79.45	79 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	264613	4.89			
1146-65-2	Naphthalene-d8	1141158	7.07			
15067-26-2	Acenaphthene-d10	557853	10.41			
1517-22-2	Phenanthrene-d10	804864	13.28			
1719-03-5	Chrysene-d12	510346	18.47			
1520-96-3	Perylene-d12	388121	21.08			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E5 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-13	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	18
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039403.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	82	U	400	82	ug/Kg
108-95-2	Phenol	61	U	400	61	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	63	U	400	63	ug/Kg
95-57-8	2-Chlorophenol	64	U	400	64	ug/Kg
95-48-7	2-Methylphenol	67	U	400	67	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	400	65	ug/Kg
98-86-2	Acetophenone	59	U	400	59	ug/Kg
106-44-5	3+4-Methylphenols	63	U	400	63	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	66	U	400	66	ug/Kg
67-72-1	Hexachloroethane	68	U	400	68	ug/Kg
98-95-3	Nitrobenzene	88	U	400	88	ug/Kg
78-59-1	Isophorone	60	U	400	60	ug/Kg
88-75-5	2-Nitrophenol	62	U	400	62	ug/Kg
105-67-9	2,4-Dimethylphenol	64	U	400	64	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	66	U	400	66	ug/Kg
120-83-2	2,4-Dichlorophenol	74	U	400	74	ug/Kg
91-20-3	Naphthalene	68	U	400	68	ug/Kg
106-47-8	4-Chloroaniline	48	U	400	48	ug/Kg
87-68-3	Hexachlorobutadiene	62	U	400	62	ug/Kg
105-60-2	Caprolactam	64	U	400	64	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	400	55	ug/Kg
91-57-6	2-Methylnaphthalene	67	U	400	67	ug/Kg
77-47-4	Hexachlorocyclopentadiene	64	U	400	64	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	400	59	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	1000	61	ug/Kg
92-52-4	1,1-Biphenyl	66	U	400	66	ug/Kg
91-58-7	2-Chloronaphthalene	67	U	400	67	ug/Kg
88-74-4	2-Nitroaniline	51	U	1000	51	ug/Kg
131-11-3	Dimethylphthalate	64	U	400	64	ug/Kg
208-96-8	Acenaphthylene	65	U	400	65	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	400	57	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E5 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-13**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**18**
Sample Wt/Wol:	**30.2 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039403.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	52	U	1000	52	ug/Kg
83-32-9	Acenaphthene	71	U	400	71	ug/Kg
51-28-5	2,4-Dinitrophenol	340	U	1000	340	ug/Kg
100-02-7	4-Nitrophenol	50	U	1000	50	ug/Kg
132-64-9	Dibenzofuran	66	U	400	66	ug/Kg
121-14-2	2,4-Dinitrotoluene	59	U	400	59	ug/Kg
84-66-2	Diethylphthalate	69	U	400	69	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63	U	400	63	ug/Kg
86-73-7	Fluorene	68	U	400	68	ug/Kg
100-01-6	4-Nitroaniline	68	U	1000	68	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78	U	1000	78	ug/Kg
86-30-6	N-Nitrosodiphenylamine	66	U	400	66	ug/Kg
101-55-3	4-Bromophenyl-phenylether	60	U	400	60	ug/Kg
118-74-1	Hexachlorobenzene	64	U	400	64	ug/Kg
1912-24-9	Atrazine	61	U	400	61	ug/Kg
87-86-5	Pentachlorophenol	93	U	1000	93	ug/Kg
85-01-8	Phenanthrene	64	U	400	64	ug/Kg
120-12-7	Anthracene	60	U	400	60	ug/Kg
86-74-8	Carbazole	61	U	400	61	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	400	61	ug/Kg
206-44-0	Fluoranthene	60	U	400	60	ug/Kg
129-00-0	Pyrene	71	U	400	71	ug/Kg
85-68-7	Butylbenzylphthalate	65	U	400	65	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	400	69	ug/Kg
56-55-3	Benzo(a)anthracene	56	U	400	56	ug/Kg
218-01-9	Chrysene	72	U	400	72	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	77	U	400	77	ug/Kg
117-84-0	Di-n-octyl phthalate	68	U	400	68	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	400	44	ug/Kg
207-08-9	Benzo(k)fluoranthene	88	U	400	88	ug/Kg
50-32-8	Benzo(a)pyrene	64	U	400	64	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E5 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-13**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**18**
Sample Wt/Vol:	**30.2 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039403.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	51	U	400	51	ug/Kg
53-70-3	Dibenz(a,h)anthracene	50	U	400	50	ug/Kg
191-24-2	Benzo(g,h,i)perylene	66	U	400	66	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	93.92	63 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	102.6	68 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	72.53	73 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	66.75	67 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	78.54	52 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	74.37	74 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	248743	4.88			
1146-65-2	Naphthalene-d8	1101573	7.06			
15067-26-2	Acenaphthene-d10	547861	10.39			
1517-22-2	Phenanthrene-d10	835270	13.26			
1719-03-5	Chrysene-d12	679348	18.45			
1520-96-3	Perylene-d12	569036	21.05			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E5 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-14	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	15
Sample Wt/Vol:	30.3 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039396.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	79	U	390	79	ug/Kg
108-95-2	Phenol	58	U	390	58	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61	U	390	61	ug/Kg
95-57-8	2-Chlorophenol	62	U	390	62	ug/Kg
95-48-7	2-Methylphenol	64	U	390	64	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62	U	390	62	ug/Kg
98-86-2	Acetophenone	56	U	390	56	ug/Kg
106-44-5	3+4-Methylphenols	61	U	390	61	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	64	U	390	64	ug/Kg
67-72-1	Hexachloroethane	66	U	390	66	ug/Kg
98-95-3	Nitrobenzene	84	U	390	84	ug/Kg
78-59-1	Isophorone	58	U	390	58	ug/Kg
88-75-5	2-Nitrophenol	59	U	390	59	ug/Kg
105-67-9	2,4-Dimethylphenol	61	U	390	61	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	63	U	390	63	ug/Kg
120-83-2	2,4-Dichlorophenol	71	U	390	71	ug/Kg
91-20-3	Naphthalene	66	U	390	66	ug/Kg
106-47-8	4-Chloroaniline	46	U	390	46	ug/Kg
87-68-3	Hexachlorobutadiene	59	U	390	59	ug/Kg
105-60-2	Caprolactam	62	U	390	62	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	390	53	ug/Kg
91-57-6	2-Methylnaphthalene	65	U	390	65	ug/Kg
77-47-4	Hexachlorocyclopentadiene	62	U	390	62	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	390	57	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	970	59	ug/Kg
92-52-4	1,1-Biphenyl	64	U	390	64	ug/Kg
91-58-7	2-Chloronaphthalene	64	U	390	64	ug/Kg
88-74-4	2-Nitroaniline	49	U	970	49	ug/Kg
131-11-3	Dimethylphthalate	62	U	390	62	ug/Kg
208-96-8	Acenaphthylene	63	U	390	63	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	390	55	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E5 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-14	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	15
Sample Wt/Wol:	30.3 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039396.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	50	U	970	50	ug/Kg
83-32-9	Acenaphthene	69	U	390	69	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	970	330	ug/Kg
100-02-7	4-Nitrophenol	48	U	970	48	ug/Kg
132-64-9	Dibenzofuran	64	U	390	64	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	390	57	ug/Kg
84-66-2	Diethylphthalate	67	U	390	67	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	390	61	ug/Kg
86-73-7	Fluorene	65	U	390	65	ug/Kg
100-01-6	4-Nitroaniline	66	U	970	66	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75	U	970	75	ug/Kg
86-30-6	N-Nitrosodiphenylamine	64	U	390	64	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58	U	390	58	ug/Kg
118-74-1	Hexachlorobenzene	62	U	390	62	ug/Kg
1912-24-9	Atrazine	59	U	390	59	ug/Kg
87-86-5	Pentachlorophenol	89	U	970	89	ug/Kg
85-01-8	Phenanthrene	61	U	390	61	ug/Kg
120-12-7	Anthracene	58	U	390	58	ug/Kg
86-74-8	Carbazole	59	U	390	59	ug/Kg
84-74-2	Di-n-butylphthalate	59	U	390	59	ug/Kg
206-44-0	Fluoranthene	57	U	390	57	ug/Kg
129-00-0	Pyrene	68	U	390	68	ug/Kg
85-68-7	Butylbenzylphthalate	62	U	390	62	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	390	66	ug/Kg
56-55-3	Benzo(a)anthracene	54	U	390	54	ug/Kg
218-01-9	Chrysene	69	U	390	69	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	74	U	390	74	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	390	66	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	390	42	ug/Kg
207-08-9	Benzo(k)fluoranthene	85	U	390	85	ug/Kg
50-32-8	Benzo(a)pyrene	62	U	390	62	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E5 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-14**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**15**
Sample Wt/Wol:	**30.3 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039396.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	49	U	390	49	ug/Kg
53-70-3	Dibenz(a,h)anthracene	48	U	390	48	ug/Kg
191-24-2	Benzo(g,h,i)perylene	64	U	390	64	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	89.19	59 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	99.51	66 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	70.12	70 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	66.62	67 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	77.68	52 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	69.66	70 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	241851	4.88			
1146-65-2	Naphthalene-d8	1062193	7.06			
15067-26-2	Acenaphthene-d10	535251	10.39			
1517-22-2	Phenanthrene-d10	806077	13.27			
1719-03-5	Chrysene-d12	681184	18.45			
1520-96-3	Perylene-d12	581014	21.05			

U = Not Detected
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E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E14 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-15	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	12
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039423.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	77	U	370	77	ug/Kg
108-95-2	Phenol	57	U	370	57	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59	U	370	59	ug/Kg
95-57-8	2-Chlorophenol	60	U	370	60	ug/Kg
95-48-7	2-Methylphenol	62	U	370	62	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	370	60	ug/Kg
98-86-2	Acetophenone	55	U	370	55	ug/Kg
106-44-5	3+4-Methylphenols	59	U	370	59	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	370	62	ug/Kg
67-72-1	Hexachloroethane	64	U	370	64	ug/Kg
98-95-3	Nitrobenzene	82	U	370	82	ug/Kg
78-59-1	Isophorone	56	U	370	56	ug/Kg
88-75-5	2-Nitrophenol	58	U	370	58	ug/Kg
105-67-9	2,4-Dimethylphenol	59	U	370	59	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	62	U	370	62	ug/Kg
120-83-2	2,4-Dichlorophenol	69	U	370	69	ug/Kg
91-20-3	Naphthalene	64	U	370	64	ug/Kg
106-47-8	4-Chloroaniline	45	U	370	45	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	370	58	ug/Kg
105-60-2	Caprolactam	60	U	370	60	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	370	52	ug/Kg
91-57-6	2-Methylnaphthalene	63	U	370	63	ug/Kg
77-47-4	Hexachlorocyclopentadiene	60	U	370	60	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	370	55	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	940	57	ug/Kg
92-52-4	1,1-Biphenyl	62	U	370	62	ug/Kg
91-58-7	2-Chloronaphthalene	62	U	370	62	ug/Kg
88-74-4	2-Nitroaniline	48	U	940	48	ug/Kg
131-11-3	Dimethylphthalate	60	U	370	60	ug/Kg
208-96-8	Acenaphthylene	61	U	370	61	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	370	53	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E14 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-15**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**12**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039423.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	49	U	940	49	ug/Kg
83-32-9	Acenaphthene	67	U	370	67	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	940	320	ug/Kg
100-02-7	4-Nitrophenol	46	U	940	46	ug/Kg
132-64-9	Dibenzofuran	62	U	370	62	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	370	55	ug/Kg
84-66-2	Diethylphthalate	65	U	370	65	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	370	59	ug/Kg
86-73-7	Fluorene	63	U	370	63	ug/Kg
100-01-6	4-Nitroaniline	64	U	940	64	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73	U	940	73	ug/Kg
86-30-6	N-Nitrosodiphenylamine	62	U	370	62	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	370	56	ug/Kg
118-74-1	Hexachlorobenzene	60	U	370	60	ug/Kg
1912-24-9	Atrazine	57	U	370	57	ug/Kg
87-86-5	Pentachlorophenol	87	U	940	87	ug/Kg
85-01-8	Phenanthrene	150	J	370	60	ug/Kg
120-12-7	Anthracene	56	U	370	56	ug/Kg
86-74-8	Carbazole	57	U	370	57	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	370	57	ug/Kg
206-44-0	Fluoranthene	180	J	370	56	ug/Kg
129-00-0	Pyrene	220	J	370	66	ug/Kg
85-68-7	Butylbenzylphthalate	61	U	370	61	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	370	64	ug/Kg
56-55-3	Benzo(a)anthracene	84	J	370	52	ug/Kg
218-01-9	Chrysene	94	J	370	67	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	110	J	370	72	ug/Kg
117-84-0	Di-n-octyl phthalate	64	U	370	64	ug/Kg
205-99-2	Benzo(b)fluoranthene	88	J	370	41	ug/Kg
207-08-9	Benzo(k)fluoranthene	82	U	370	82	ug/Kg
50-32-8	Benzo(a)pyrene	60	U	370	60	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E14 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-15**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**12**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039423.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	48	U	370	48	ug/Kg
53-70-3	Dibenz(a,h)anthracene	47	U	370	47	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62	U	370	62	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	88.43	59 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	96.65	64 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	65.18	65 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	67.22	67 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	73.2	49 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	76.92	77 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	279336	4.88			
1146-65-2	Naphthalene-d8	1270130	7.07			
15067-26-2	Acenaphthene-d10	584582	10.40			
1517-22-2	Phenanthrene-d10	884310	13.28			
1719-03-5	Chrysene-d12	573842	18.47			
1520-96-3	Perylene-d12	442000	21.08			

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E14 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-16**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**19**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039405.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	83	U	410	83	ug/Kg
108-95-2	Phenol	62	U	410	62	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	64	U	410	64	ug/Kg
95-57-8	2-Chlorophenol	65	U	410	65	ug/Kg
95-48-7	2-Methylphenol	68	U	410	68	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	410	65	ug/Kg
98-86-2	Acetophenone	59	U	410	59	ug/Kg
106-44-5	3+4-Methylphenols	64	U	410	64	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	67	U	410	67	ug/Kg
67-72-1	Hexachloroethane	69	U	410	69	ug/Kg
98-95-3	Nitrobenzene	89	U	410	89	ug/Kg
78-59-1	Isophorone	61	U	410	61	ug/Kg
88-75-5	2-Nitrophenol	63	U	410	63	ug/Kg
105-67-9	2,4-Dimethylphenol	64	U	410	64	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	67	U	410	67	ug/Kg
120-83-2	2,4-Dichlorophenol	75	U	410	75	ug/Kg
91-20-3	Naphthalene	69	U	410	69	ug/Kg
106-47-8	4-Chloroaniline	48	U	410	48	ug/Kg
87-68-3	Hexachlorobutadiene	63	U	410	63	ug/Kg
105-60-2	Caprolactam	65	U	410	65	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	410	56	ug/Kg
91-57-6	2-Methylnaphthalene	68	U	410	68	ug/Kg
77-47-4	Hexachlorocyclopentadiene	65	U	410	65	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	410	60	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	1000	62	ug/Kg
92-52-4	1,1-Biphenyl	67	U	410	67	ug/Kg
91-58-7	2-Chloronaphthalene	67	U	410	67	ug/Kg
88-74-4	2-Nitroaniline	52	U	1000	52	ug/Kg
131-11-3	Dimethylphthalate	65	U	410	65	ug/Kg
208-96-8	Acenaphthylene	66	U	410	66	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	410	57	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E14 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-16	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	19
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039405.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	53	U	1000	53	ug/Kg
83-32-9	Acenaphthene	72	U	410	72	ug/Kg
51-28-5	2,4-Dinitrophenol	350	U	1000	350	ug/Kg
100-02-7	4-Nitrophenol	50	U	1000	50	ug/Kg
132-64-9	Dibenzofuran	67	U	410	67	ug/Kg
121-14-2	2,4-Dinitrotoluene	60	U	410	60	ug/Kg
84-66-2	Diethylphthalate	70	U	410	70	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	64	U	410	64	ug/Kg
86-73-7	Fluorene	69	U	410	69	ug/Kg
100-01-6	4-Nitroaniline	69	U	1000	69	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79	U	1000	79	ug/Kg
86-30-6	N-Nitrosodiphenylamine	67	U	410	67	ug/Kg
101-55-3	4-Bromophenyl-phenylether	61	U	410	61	ug/Kg
118-74-1	Hexachlorobenzene	65	U	410	65	ug/Kg
1912-24-9	Atrazine	62	U	410	62	ug/Kg
87-86-5	Pentachlorophenol	94	U	1000	94	ug/Kg
85-01-8	Phenanthrene	65	U	410	65	ug/Kg
120-12-7	Anthracene	61	U	410	61	ug/Kg
86-74-8	Carbazole	62	U	410	62	ug/Kg
84-74-2	Di-n-butylphthalate	62	U	410	62	ug/Kg
206-44-0	Fluoranthene	60	U	410	60	ug/Kg
129-00-0	Pyrene	72	U	410	72	ug/Kg
85-68-7	Butylbenzylphthalate	66	U	410	66	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70	U	410	70	ug/Kg
56-55-3	Benzo(a)anthracene	57	U	410	57	ug/Kg
218-01-9	Chrysene	73	U	410	73	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	78	U	410	78	ug/Kg
117-84-0	Di-n-octyl phthalate	69	U	410	69	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	410	45	ug/Kg
207-08-9	Benzo(k)fluoranthene	89	U	410	89	ug/Kg
50-32-8	Benzo(a)pyrene	65	U	410	65	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E14 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-16**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**19**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039405.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	410	52	ug/Kg
53-70-3	Dibenz(a,h)anthracene	51	U	410	51	ug/Kg
191-24-2	Benzo(g,h,i)perylene	67	U	410	67	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	87.2	58 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	98.22	65 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	67.67	68 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	66.8	67 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	77.1	51 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	73.45	73 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	248490	4.88			
1146-65-2	Naphthalene-d8	1088859	7.06			
15067-26-2	Acenaphthene-d10	527424	10.39			
1517-22-2	Phenanthrene-d10	804933	13.26			
1719-03-5	Chrysene-d12	645439	18.44			
1520-96-3	Perylene-d12	550219	21.05			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E7 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-17	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	6
Sample Wt/Vol:	30.3 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039425.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	72	U	350	72	ug/Kg
108-95-2	Phenol	53	U	350	53	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55	U	350	55	ug/Kg
95-57-8	2-Chlorophenol	56	U	350	56	ug/Kg
95-48-7	2-Methylphenol	58	U	350	58	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56	U	350	56	ug/Kg
98-86-2	Acetophenone	51	U	350	51	ug/Kg
106-44-5	3+4-Methylphenols	55	U	350	55	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	350	58	ug/Kg
67-72-1	Hexachloroethane	59	U	350	59	ug/Kg
98-95-3	Nitrobenzene	76	U	350	76	ug/Kg
78-59-1	Isophorone	52	U	350	52	ug/Kg
88-75-5	2-Nitrophenol	54	U	350	54	ug/Kg
105-67-9	2,4-Dimethylphenol	55	U	350	55	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57	U	350	57	ug/Kg
120-83-2	2,4-Dichlorophenol	65	U	350	65	ug/Kg
91-20-3	Naphthalene	100	J	350	60	ug/Kg
106-47-8	4-Chloroaniline	42	U	350	42	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	350	54	ug/Kg
105-60-2	Caprolactam	56	U	350	56	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	350	48	ug/Kg
91-57-6	2-Methylnaphthalene	58	U	350	58	ug/Kg
77-47-4	Hexachlorocyclopentadiene	56	U	350	56	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	350	51	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	880	53	ug/Kg
92-52-4	1,1-Biphenyl	57	U	350	57	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	350	58	ug/Kg
88-74-4	2-Nitroaniline	44	U	880	44	ug/Kg
131-11-3	Dimethylphthalate	56	U	350	56	ug/Kg
208-96-8	Acenaphthylene	57	U	350	57	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	350	49	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E7 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-17**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**6**
Sample Wt/Vol:	**30.3 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039425.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	45	U	880	45	ug/Kg
83-32-9	Acenaphthene	110	J	350	62	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	880	300	ug/Kg
100-02-7	4-Nitrophenol	43	U	880	43	ug/Kg
132-64-9	Dibenzofuran	79	J	350	58	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	350	51	ug/Kg
84-66-2	Diethylphthalate	60	U	350	60	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	350	55	ug/Kg
86-73-7	Fluorene	82	J	350	59	ug/Kg
100-01-6	4-Nitroaniline	60	U	880	60	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	68	U	880	68	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	350	57	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	350	52	ug/Kg
118-74-1	Hexachlorobenzene	56	U	350	56	ug/Kg
1912-24-9	Atrazine	53	U	350	53	ug/Kg
87-86-5	Pentachlorophenol	81	U	880	81	ug/Kg
85-01-8	Phenanthrene	1200		350	56	ug/Kg
120-12-7	Anthracene	200	J	350	53	ug/Kg
86-74-8	Carbazole	110	J	350	53	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	350	53	ug/Kg
206-44-0	Fluoranthene	1000		350	52	ug/Kg
129-00-0	Pyrene	1200		350	62	ug/Kg
85-68-7	Butylbenzylphthalate	56	U	350	56	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	350	60	ug/Kg
56-55-3	Benzo(a)anthracene	450		350	49	ug/Kg
218-01-9	Chrysene	450		350	63	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	390		350	67	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	350	59	ug/Kg
205-99-2	Benzo(b)fluoranthene	500		350	38	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	350	77	ug/Kg
50-32-8	Benzo(a)pyrene	340	J	350	56	ug/Kg

U = Not Detected
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MDL = Method Detection Limit
E = Value Exceeds Calibration Range

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E7 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-17**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**6**
Sample Wt/Wol:	**30.3 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039425.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	94	J	350	44	ug/Kg
53-70-3	Dibenz(a,h)anthracene	44	U	350	44	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	J	350	58	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	92.27	62 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	99.02	66 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	70.63	71 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	66.34	66 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	72.83	49 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	78.48	78 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	275138	4.89			
1146-65-2	Naphthalene-d8	1191461	7.07			
15067-26-2	Acenaphthene-d10	582920	10.40			
1517-22-2	Phenanthrene-d10	788229	13.28			
1719-03-5	Chrysene-d12	531808	18.48			
1520-96-3	Perylene-d12	342985	21.09			

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E12 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-19**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**8**
Sample Wt/Vol:	**30.3 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039424.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	73	U	350	73	ug/Kg
108-95-2	Phenol	54	U	350	54	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56	U	350	56	ug/Kg
95-57-8	2-Chlorophenol	57	U	350	57	ug/Kg
95-48-7	2-Methylphenol	59	U	350	59	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57	U	350	57	ug/Kg
98-86-2	Acetophenone	52	U	350	52	ug/Kg
106-44-5	3+4-Methylphenols	56	U	350	56	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	350	59	ug/Kg
67-72-1	Hexachloroethane	60	U	350	60	ug/Kg
98-95-3	Nitrobenzene	78	U	350	78	ug/Kg
78-59-1	Isophorone	53	U	350	53	ug/Kg
88-75-5	2-Nitrophenol	55	U	350	55	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	350	56	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58	U	350	58	ug/Kg
120-83-2	2,4-Dichlorophenol	66	U	350	66	ug/Kg
91-20-3	Naphthalene	61	U	350	61	ug/Kg
106-47-8	4-Chloroaniline	42	U	350	42	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	350	55	ug/Kg
105-60-2	Caprolactam	57	U	350	57	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	350	49	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	350	59	ug/Kg
77-47-4	Hexachlorocyclopentadiene	57	U	350	57	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	350	52	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	890	54	ug/Kg
92-52-4	1,1-Biphenyl	59	U	350	59	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	350	59	ug/Kg
88-74-4	2-Nitroaniline	45	U	890	45	ug/Kg
131-11-3	Dimethylphthalate	57	U	350	57	ug/Kg
208-96-8	Acenaphthylene	58	U	350	58	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	350	50	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E12 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-19**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**8**
Sample Wt/Wol:	**30.3 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039424.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	46	U	890	46	ug/Kg
83-32-9	Acenaphthene	63	U	350	63	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	890	300	ug/Kg
100-02-7	4-Nitrophenol	44	U	890	44	ug/Kg
132-64-9	Dibenzofuran	59	U	350	59	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	350	52	ug/Kg
84-66-2	Diethylphthalate	61	U	350	61	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	350	56	ug/Kg
86-73-7	Fluorene	60	U	350	60	ug/Kg
100-01-6	4-Nitroaniline	61	U	890	61	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	69	U	890	69	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	350	59	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	350	53	ug/Kg
118-74-1	Hexachlorobenzene	57	U	350	57	ug/Kg
1912-24-9	Atrazine	54	U	350	54	ug/Kg
87-86-5	Pentachlorophenol	82	U	890	82	ug/Kg
85-01-8	Phenanthrene	57	U	350	57	ug/Kg
120-12-7	Anthracene	54	U	350	54	ug/Kg
86-74-8	Carbazole	54	U	350	54	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	350	54	ug/Kg
206-44-0	Fluoranthene	53	U	350	53	ug/Kg
129-00-0	Pyrene	63	U	350	63	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	350	58	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	350	61	ug/Kg
56-55-3	Benzo(a)anthracene	50	U	350	50	ug/Kg
218-01-9	Chrysene	64	U	350	64	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	68	U	350	68	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	350	61	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	J	350	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	78	U	350	78	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	350	57	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E12 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-19**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**8**
Sample Wt/Vol:	**30.3 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039424.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	350	45	ug/Kg
53-70-3	Dibenz(a,h)anthracene	45	U	350	45	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59	U	350	59	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	87.37	58 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	95.72	64 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	68.91	69 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	75.46	75 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	72.74	48 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	79.72	80 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	273480	4.88			
1146-65-2	Naphthalene-d8	1159804	7.08			
15067-26-2	Acenaphthene-d10	480582	10.41			
1517-22-2	Phenanthrene-d10	623378	13.28			
1719-03-5	Chrysene-d12	444672	18.47			
1520-96-3	Perylene-d12	290591	21.08			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E12 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-20	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	24
Sample Wt/Vol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039399.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	89	U	430	89	ug/Kg
108-95-2	Phenol	65	U	430	65	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	68	U	430	68	ug/Kg
95-57-8	2-Chlorophenol	69	U	430	69	ug/Kg
95-48-7	2-Methylphenol	72	U	430	72	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	430	70	ug/Kg
98-86-2	Acetophenone	63	U	430	63	ug/Kg
106-44-5	3+4-Methylphenols	68	U	430	68	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	72	U	430	72	ug/Kg
67-72-1	Hexachloroethane	73	U	430	73	ug/Kg
98-95-3	Nitrobenzene	94	U	430	94	ug/Kg
78-59-1	Isophorone	65	U	430	65	ug/Kg
88-75-5	2-Nitrophenol	66	U	430	66	ug/Kg
105-67-9	2,4-Dimethylphenol	69	U	430	69	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	71	U	430	71	ug/Kg
120-83-2	2,4-Dichlorophenol	80	U	430	80	ug/Kg
91-20-3	Naphthalene	74	U	430	74	ug/Kg
106-47-8	4-Chloroaniline	51	U	430	51	ug/Kg
87-68-3	Hexachlorobutadiene	66	U	430	66	ug/Kg
105-60-2	Caprolactam	69	U	430	69	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	430	60	ug/Kg
91-57-6	2-Methylnaphthalene	72	U	430	72	ug/Kg
77-47-4	Hexachlorocyclopentadiene	69	U	430	69	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	430	63	ug/Kg
95-95-4	2,4,5-Trichlorophenol	66	U	1100	66	ug/Kg
92-52-4	1,1-Biphenyl	71	U	430	71	ug/Kg
91-58-7	2-Chloronaphthalene	72	U	430	72	ug/Kg
88-74-4	2-Nitroaniline	55	U	1100	55	ug/Kg
131-11-3	Dimethylphthalate	69	U	430	69	ug/Kg
208-96-8	Acenaphthylene	70	U	430	70	ug/Kg
606-20-2	2,6-Dinitrotoluene	61	U	430	61	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E12 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-20	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	24
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039399.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	56	U	1100	56	ug/Kg
83-32-9	Acenaphthene	77	U	430	77	ug/Kg
51-28-5	2,4-Dinitrophenol	370	U	1100	370	ug/Kg
100-02-7	4-Nitrophenol	54	U	1100	54	ug/Kg
132-64-9	Dibenzofuran	71	U	430	71	ug/Kg
121-14-2	2,4-Dinitrotoluene	63	U	430	63	ug/Kg
84-66-2	Diethylphthalate	75	U	430	75	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	68	U	430	68	ug/Kg
86-73-7	Fluorene	73	U	430	73	ug/Kg
100-01-6	4-Nitroaniline	74	U	1100	74	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	84	U	1100	84	ug/Kg
86-30-6	N-Nitrosodiphenylamine	71	U	430	71	ug/Kg
101-55-3	4-Bromophenyl-phenylether	65	U	430	65	ug/Kg
118-74-1	Hexachlorobenzene	69	U	430	69	ug/Kg
1912-24-9	Atrazine	66	U	430	66	ug/Kg
87-86-5	Pentachlorophenol	100	U	1100	100	ug/Kg
85-01-8	Phenanthrene	69	U	430	69	ug/Kg
120-12-7	Anthracene	65	U	430	65	ug/Kg
86-74-8	Carbazole	66	U	430	66	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	430	66	ug/Kg
206-44-0	Fluoranthene	64	U	430	64	ug/Kg
129-00-0	Pyrene	76	U	430	76	ug/Kg
85-68-7	Butylbenzylphthalate	70	U	430	70	ug/Kg
91-94-1	3,3-Dichlorobenzidine	74	U	430	74	ug/Kg
56-55-3	Benzo(a)anthracene	60	U	430	60	ug/Kg
218-01-9	Chrysene	78	U	430	78	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	83	U	430	83	ug/Kg
117-84-0	Di-n-octyl phthalate	74	U	430	74	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	430	48	ug/Kg
207-08-9	Benzo(k)fluoranthene	95	U	430	95	ug/Kg
50-32-8	Benzo(a)pyrene	69	U	430	69	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E12 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-20**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**24**
Sample Wt/Vol:	**30.2 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039399.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	55	U	430	55	ug/Kg
53-70-3	Dibenz(a,h)anthracene	54	U	430	54	ug/Kg
191-24-2	Benzo(g,h,i)perylene	71	U	430	71	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	88.67	59 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	99.63	66 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	68.05	68 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	65.33	65 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	76.66	51 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	72.56	73 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	228997	4.88			
1146-65-2	Naphthalene-d8	1003489	7.06			
15067-26-2	Acenaphthene-d10	480565	10.39			
1517-22-2	Phenanthrene-d10	739815	13.27			
1719-03-5	Chrysene-d12	593193	18.45			
1520-96-3	Perylene-d12	511310	21.06			

U = Not Detected
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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E4 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-21	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	12
Sample Wt/Wol:	30.0 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039422.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	77	U	370	77	ug/Kg
108-95-2	Phenol	57	U	370	57	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59	U	370	59	ug/Kg
95-57-8	2-Chlorophenol	60	U	370	60	ug/Kg
95-48-7	2-Methylphenol	62	U	370	62	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61	U	370	61	ug/Kg
98-86-2	Acetophenone	55	U	370	55	ug/Kg
106-44-5	3+4-Methylphenols	59	U	370	59	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	370	62	ug/Kg
67-72-1	Hexachloroethane	64	U	370	64	ug/Kg
98-95-3	Nitrobenzene	82	U	370	82	ug/Kg
78-59-1	Isophorone	56	U	370	56	ug/Kg
88-75-5	2-Nitrophenol	58	U	370	58	ug/Kg
105-67-9	2,4-Dimethylphenol	60	U	370	60	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	62	U	370	62	ug/Kg
120-83-2	2,4-Dichlorophenol	70	U	370	70	ug/Kg
91-20-3	Naphthalene	64	U	370	64	ug/Kg
106-47-8	4-Chloroaniline	45	U	370	45	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	370	58	ug/Kg
105-60-2	Caprolactam	60	U	370	60	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	370	52	ug/Kg
91-57-6	2-Methylnaphthalene	63	U	370	63	ug/Kg
77-47-4	Hexachlorocyclopentadiene	60	U	370	60	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	370	55	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	940	57	ug/Kg
92-52-4	1,1-Biphenyl	62	U	370	62	ug/Kg
91-58-7	2-Chloronaphthalene	62	U	370	62	ug/Kg
88-74-4	2-Nitroaniline	48	U	940	48	ug/Kg
131-11-3	Dimethylphthalate	60	U	370	60	ug/Kg
208-96-8	Acenaphthylene	61	U	370	61	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	370	53	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E4 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-21	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	12
Sample Wt/Vol:	30.0 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039422.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	49	U	940	49	ug/Kg
83-32-9	Acenaphthene	67	U	370	67	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	940	320	ug/Kg
100-02-7	4-Nitrophenol	47	U	940	47	ug/Kg
132-64-9	Dibenzofuran	62	U	370	62	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	370	55	ug/Kg
84-66-2	Diethylphthalate	65	U	370	65	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	370	59	ug/Kg
86-73-7	Fluorene	63	U	370	63	ug/Kg
100-01-6	4-Nitroaniline	64	U	940	64	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73	U	940	73	ug/Kg
86-30-6	N-Nitrosodiphenylamine	62	U	370	62	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	370	56	ug/Kg
118-74-1	Hexachlorobenzene	60	U	370	60	ug/Kg
1912-24-9	Atrazine	58	U	370	58	ug/Kg
87-86-5	Pentachlorophenol	87	U	940	87	ug/Kg
85-01-8	Phenanthrene	60	J	370	60	ug/Kg
120-12-7	Anthracene	57	U	370	57	ug/Kg
86-74-8	Carbazole	57	U	370	57	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	370	57	ug/Kg
206-44-0	Fluoranthene	88	J	370	56	ug/Kg
129-00-0	Pyrene	110	J	370	66	ug/Kg
85-68-7	Butylbenzylphthalate	61	U	370	61	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	370	64	ug/Kg
56-55-3	Benzo(a)anthracene	53	U	370	53	ug/Kg
218-01-9	Chrysene	67	U	370	67	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	72	U	370	72	ug/Kg
117-84-0	Di-n-octyl phthalate	64	U	370	64	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	J	370	41	ug/Kg
207-08-9	Benzo(k)fluoranthene	83	U	370	83	ug/Kg
50-32-8	Benzo(a)pyrene	60	U	370	60	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E4 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-21**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**12**
Sample Wt/Vol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039422.D	1	8/23/2007	8/25/2007	BB082507

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	48	U	370	48	ug/Kg
53-70-3	Dibenz(a,h)anthracene	47	U	370	47	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62	U	370	62	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	86.1	57 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	92.9	62 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	67.05	67 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	65.98	66 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	72.69	48 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	76.56	77 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	272274	4.88			
1146-65-2	Naphthalene-d8	1149830	7.07			
15067-26-2	Acenaphthene-d10	549389	10.40			
1517-22-2	Phenanthrene-d10	814884	13.28			
1719-03-5	Chrysene-d12	531250	18.47			
1520-96-3	Perylene-d12	421981	21.08			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E4 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-22	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	22
Sample Wt/Vol:	30.0 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039402.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	87	U	420	87	ug/Kg
108-95-2	Phenol	64	U	420	64	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	67	U	420	67	ug/Kg
95-57-8	2-Chlorophenol	68	U	420	68	ug/Kg
95-48-7	2-Methylphenol	70	U	420	70	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68	U	420	68	ug/Kg
98-86-2	Acetophenone	62	U	420	62	ug/Kg
106-44-5	3+4-Methylphenols	67	U	420	67	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	70	U	420	70	ug/Kg
67-72-1	Hexachloroethane	72	U	420	72	ug/Kg
98-95-3	Nitrobenzene	92	U	420	92	ug/Kg
78-59-1	Isophorone	64	U	420	64	ug/Kg
88-75-5	2-Nitrophenol	65	U	420	65	ug/Kg
105-67-9	2,4-Dimethylphenol	67	U	420	67	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	70	U	420	70	ug/Kg
120-83-2	2,4-Dichlorophenol	78	U	420	78	ug/Kg
91-20-3	Naphthalene	72	U	420	72	ug/Kg
106-47-8	4-Chloroaniline	50	U	420	50	ug/Kg
87-68-3	Hexachlorobutadiene	65	U	420	65	ug/Kg
105-60-2	Caprolactam	68	U	420	68	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	420	59	ug/Kg
91-57-6	2-Methylnaphthalene	71	U	420	71	ug/Kg
77-47-4	Hexachlorocyclopentadiene	68	U	420	68	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	420	62	ug/Kg
95-95-4	2,4,5-Trichlorophenol	65	U	1100	65	ug/Kg
92-52-4	1,1-Biphenyl	70	U	420	70	ug/Kg
91-58-7	2-Chloronaphthalene	70	U	420	70	ug/Kg
88-74-4	2-Nitroaniline	54	U	1100	54	ug/Kg
131-11-3	Dimethylphthalate	68	U	420	68	ug/Kg
208-96-8	Acenaphthylene	69	U	420	69	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	420	60	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E4 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-22	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	22
Sample Wt/Wol:	30.0 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039402.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	55	U	1100	55	ug/Kg
83-32-9	Acenaphthene	75	U	420	75	ug/Kg
51-28-5	2,4-Dinitrophenol	360	U	1100	360	ug/Kg
100-02-7	4-Nitrophenol	53	U	1100	53	ug/Kg
132-64-9	Dibenzofuran	70	U	420	70	ug/Kg
121-14-2	2,4-Dinitrotoluene	62	U	420	62	ug/Kg
84-66-2	Diethylphthalate	73	U	420	73	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	67	U	420	67	ug/Kg
86-73-7	Fluorene	71	U	420	71	ug/Kg
100-01-6	4-Nitroaniline	72	U	1100	72	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82	U	1100	82	ug/Kg
86-30-6	N-Nitrosodiphenylamine	70	U	420	70	ug/Kg
101-55-3	4-Bromophenyl-phenylether	63	U	420	63	ug/Kg
118-74-1	Hexachlorobenzene	68	U	420	68	ug/Kg
1912-24-9	Atrazine	65	U	420	65	ug/Kg
87-86-5	Pentachlorophenol	98	U	1100	98	ug/Kg
85-01-8	Phenanthrene	67	U	420	67	ug/Kg
120-12-7	Anthracene	64	U	420	64	ug/Kg
86-74-8	Carbazole	65	U	420	65	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	420	65	ug/Kg
206-44-0	Fluoranthene	63	U	420	63	ug/Kg
129-00-0	Pyrene	75	U	420	75	ug/Kg
85-68-7	Butylbenzylphthalate	69	U	420	69	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72	U	420	72	ug/Kg
56-55-3	Benzo(a)anthracene	59	U	420	59	ug/Kg
218-01-9	Chrysene	76	U	420	76	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	81	U	420	81	ug/Kg
117-84-0	Di-n-octyl phthalate	72	U	420	72	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	U	420	47	ug/Kg
207-08-9	Benzo(k)fluoranthene	93	U	420	93	ug/Kg
50-32-8	Benzo(a)pyrene	68	U	420	68	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E4 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-22**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**22**
Sample Wt/Vol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039402.D	1	8/23/2007	8/24/2007	BB082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	420	54	ug/Kg
53-70-3	Dibenz(a,h)anthracene	53	U	420	53	ug/Kg
191-24-2	Benzo(g,h,i)perylene	70	U	420	70	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	94.7	63 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	101.4	68 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	70.07	70 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	65.9	66 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	77.73	52 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	72.9	73 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	248047	4.88			
1146-65-2	Naphthalene-d8	1117156	7.06			
15067-26-2	Acenaphthene-d10	539432	10.39			
1517-22-2	Phenanthrene-d10	838174	13.26			
1719-03-5	Chrysene-d12	657755	18.45			
1520-96-3	Perylene-d12	568750	21.05			

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Chemtech

Hit Summary Report

SDG No.: Y4128 **Order ID:** Y4128

Client: Environmental Business Consultants **Project ID:** 49 Dupont Street

Test: SVOCMS Group1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**E1 (0-4)**							
Y4128-01	E1 (0-4)	SOIL	bis(2-Ethylhexyl)phthalate	80	J	380	73	ug/Kg
			Total SVOC's:	80.00				
			Total TIC's:	0.00				
			Total SVOC's and TIC's:	80.00				
Client ID:	**E12 (0-4)**							
Y4128-19	E12 (0-4)	SOIL	Benzo(b)fluoranthene	47	J	350	39	ug/Kg
			Total SVOC's:	47.00				
			Total TIC's:	0.00				
			Total SVOC's and TIC's:	47.00				
Client ID:	**E13 (0-4)**							
Y4128-11	E13 (0-4)	SOIL	Phenanthrene	410		390	63	ug/Kg
Y4128-11	E13 (0-4)	SOIL	Fluoranthene	490		390	58	ug/Kg
Y4128-11	E13 (0-4)	SOIL	Pyrene	640		390	69	ug/Kg
Y4128-11	E13 (0-4)	SOIL	Benzo(a)anthracene	250	J	390	55	ug/Kg
Y4128-11	E13 (0-4)	SOIL	Chrysene	250	J	390	70	ug/Kg
Y4128-11	E13 (0-4)	SOIL	Benzo(b)fluoranthene	270	J	390	43	ug/Kg
Y4128-11	E13 (0-4)	SOIL	Benzo(k)fluoranthene	94	J	390	86	ug/Kg
Y4128-11	E13 (0-4)	SOIL	Benzo(a)pyrene	200	J	390	63	ug/Kg
Y4128-11	E13 (0-4)	SOIL	Indeno(1,2,3-cd)pyrene	56	J	390	50	ug/Kg
Y4128-11	E13 (0-4)	SOIL	Benzo(g,h,i)perylene	83	J	390	65	ug/Kg
			Total SVOC's:	2743.00				
			Total TIC's:	0.00				
			Total SVOC's and TIC's:	2743.00				
Client ID:	**E13 (8-12)**							
Y4128-12	E13 (8-12)	SOIL	Phenanthrene	70	J	420	67	ug/Kg
Y4128-12	E13 (8-12)	SOIL	Pyrene	84	J	420	75	ug/Kg
Y4128-12	E13 (8-12)	SOIL	bis(2-Ethylhexyl)phthalate	110	J	420	81	ug/Kg
			Total SVOC's:	264.00				
			Total TIC's:	0.00				
			Total SVOC's and TIC's:	264.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Chemtech

Hit Summary Report

SDG No.: Y4128 **Order ID:** Y4128

Client: Environmental Business Consultants **Project ID:** 49 Dupont Street

Test: SVOCMS Group1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**E14 (0-4)**							
Y4128-15	E14 (0-4)	SOIL	Phenanthrene	150	J	370	60	ug/Kg
Y4128-15	E14 (0-4)	SOIL	Fluoranthene	180	J	370	56	ug/Kg
Y4128-15	E14 (0-4)	SOIL	Pyrene	220	J	370	66	ug/Kg
Y4128-15	E14 (0-4)	SOIL	Benzo(a)anthracene	84	J	370	52	ug/Kg
Y4128-15	E14 (0-4)	SOIL	Chrysene	94	J	370	67	ug/Kg
Y4128-15	E14 (0-4)	SOIL	bis(2-Ethylhexyl)phthalate	110	J	370	72	ug/Kg
Y4128-15	E14 (0-4)	SOIL	Benzo(b)fluoranthene	88	J	370	41	ug/Kg
			Total SVOC's:	926.00				
			Total TIC's:	0.00				
			Total SVOC's and TIC's:	926.00				
Client ID:	**E3 (0-4)**							
Y4128-07	E3 (0-4)	SOIL	bis(2-Ethylhexyl)phthalate	110	J	390	76	ug/Kg
			Total SVOC's:	110.00				
			Total TIC's:	0.00				
			Total SVOC's and TIC's:	110.00				
Client ID:	**E3 (8-12)**							
Y4128-08	E3 (8-12)	SOIL	bis(2-Ethylhexyl)phthalate	160	J	400	77	ug/Kg
			Total SVOC's:	160.00				
			Total TIC's:	0.00				
			Total SVOC's and TIC's:	160.00				
Client ID:	**E4 (0-4)**							
Y4128-21	E4 (0-4)	SOIL	Phenanthrene	60	J	370	60	ug/Kg
Y4128-21	E4 (0-4)	SOIL	Fluoranthene	88	J	370	56	ug/Kg
Y4128-21	E4 (0-4)	SOIL	Pyrene	110	J	370	66	ug/Kg
Y4128-21	E4 (0-4)	SOIL	Benzo(b)fluoranthene	53	J	370	41	ug/Kg
			Total SVOC's:	311.00				
			Total TIC's:	0.00				
			Total SVOC's and TIC's:	311.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Chemtech

Hit Summary Report

SDG No.: Y4128 **Order ID:** Y4128

Client: Environmental Business Consultants **Project ID:** 49 Dupont Street

Test: SVOCMS Group1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	E7 (0-4)							
Y4128-17	E7 (0-4)	SOIL	Naphthalene	100	J	350	60	ug/Kg
Y4128-17	E7 (0-4)	SOIL	Acenaphthene	110	J	350	62	ug/Kg
Y4128-17	E7 (0-4)	SOIL	Dibenzofuran	79	J	350	58	ug/Kg
Y4128-17	E7 (0-4)	SOIL	Fluorene	82	J	350	59	ug/Kg
Y4128-17	E7 (0-4)	SOIL	Phenanthrene	1200		350	56	ug/Kg
Y4128-17	E7 (0-4)	SOIL	Anthracene	200	J	350	53	ug/Kg
Y4128-17	E7 (0-4)	SOIL	Carbazole	110	J	350	53	ug/Kg
Y4128-17	E7 (0-4)	SOIL	Fluoranthene	1000		350	52	ug/Kg
Y4128-17	E7 (0-4)	SOIL	Pyrene	1200		350	62	ug/Kg
Y4128-17	E7 (0-4)	SOIL	Benzo(a)anthracene	450		350	49	ug/Kg
Y4128-17	E7 (0-4)	SOIL	Chrysene	450		350	63	ug/Kg
Y4128-17	E7 (0-4)	SOIL	bis(2-Ethylhexyl)phthalate	390		350	67	ug/Kg
Y4128-17	E7 (0-4)	SOIL	Benzo(b)fluoranthene	500		350	38	ug/Kg
Y4128-17	E7 (0-4)	SOIL	Benzo(k)fluoranthene	140	J	350	77	ug/Kg
Y4128-17	E7 (0-4)	SOIL	Benzo(a)pyrene	340	J	350	56	ug/Kg
Y4128-17	E7 (0-4)	SOIL	Indeno(1,2,3-cd)pyrene	94	J	350	44	ug/Kg
Y4128-17	E7 (0-4)	SOIL	Benzo(g,h,i)perylene	130	J	350	58	ug/Kg
			Total SVOC's:	6575.00				
			Total TIC's:	0.00				
			Total SVOC's and TIC's:	6575.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E1 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-01	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	13
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008424.D	1	8/23/2007	8/26/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.72	U	1.9	0.72	ug/Kg
319-85-7	beta-BHC	0.99	U	1.9	0.99	ug/Kg
319-86-8	delta-BHC	1.8	U	1.9	1.8	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.81	U	1.9	0.81	ug/Kg
76-44-8	Heptachlor	1.1	U	1.9	1.1	ug/Kg
309-00-2	Aldrin	1.4	U	1.9	1.4	ug/Kg
1024-57-3	Heptachlor epoxide	1.2	U	1.9	1.2	ug/Kg
959-98-8	Endosulfan I	1.0	U	1.9	1.0	ug/Kg
60-57-1	Dieldrin	0.94	U	1.9	0.94	ug/Kg
72-55-9	4,4'-DDE	0.89	U	1.9	0.89	ug/Kg
72-20-8	Endrin	0.96	U	1.9	0.96	ug/Kg
33213-65-9	Endosulfan II	1.1	U	1.9	1.1	ug/Kg
72-54-8	4,4'-DDD	0.79	U	1.9	0.79	ug/Kg
1031-07-8	Endosulfan sulfate	1.2	U	1.9	1.2	ug/Kg
50-29-3	4,4'-DDT	0.82	U	1.9	0.82	ug/Kg
72-43-5	Methoxychlor	0.97	U	1.9	0.97	ug/Kg
53494-70-5	Endrin ketone	0.93	U	1.9	0.93	ug/Kg
7421-93-4	Endrin aldehyde	1.1	U	1.9	1.1	ug/Kg
5103-71-9	alpha-Chlordane	0.95	U	1.9	0.95	ug/Kg
5103-74-2	gamma-Chlordane	0.99	U	1.9	0.99	ug/Kg
8001-35-2	Toxaphene	4.1	U	19	4.1	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.82	94 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	14.4	72 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E1 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-02	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	20
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008425.D	1	8/23/2007	8/26/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.79	U	2.1	0.79	ug/Kg
319-85-7	beta-BHC	1.1	U	2.1	1.1	ug/Kg
319-86-8	delta-BHC	2.0	U	2.1	2.0	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.89	U	2.1	0.89	ug/Kg
76-44-8	Heptachlor	1.2	U	2.1	1.2	ug/Kg
309-00-2	Aldrin	1.5	U	2.1	1.5	ug/Kg
1024-57-3	Heptachlor epoxide	1.3	U	2.1	1.3	ug/Kg
959-98-8	Endosulfan I	1.1	U	2.1	1.1	ug/Kg
60-57-1	Dieldrin	1.0	U	2.1	1.0	ug/Kg
72-55-9	4,4'-DDE	0.98	U	2.1	0.98	ug/Kg
72-20-8	Endrin	1.1	U	2.1	1.1	ug/Kg
33213-65-9	Endosulfan II	1.2	U	2.1	1.2	ug/Kg
72-54-8	4,4'-DDD	0.87	U	2.1	0.87	ug/Kg
1031-07-8	Endosulfan sulfate	1.3	U	2.1	1.3	ug/Kg
50-29-3	4,4'-DDT	0.89	U	2.1	0.89	ug/Kg
72-43-5	Methoxychlor	1.1	U	2.1	1.1	ug/Kg
53494-70-5	Endrin ketone	1.0	U	2.1	1.0	ug/Kg
7421-93-4	Endrin aldehyde	1.2	U	2.1	1.2	ug/Kg
5103-71-9	alpha-Chlordane	1.0	U	2.1	1.0	ug/Kg
5103-74-2	gamma-Chlordane	1.1	U	2.1	1.1	ug/Kg
8001-35-2	Toxaphene	4.4	U	21	4.4	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.44	97 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	14.4	72 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E2(0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-03**	**Matrix:**	**SOIL**
Analytical Method:	**8081**	**% Moisture:**	**15**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008426.D	1	8/23/2007	8/26/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.75	U	2.0	0.75	ug/Kg
319-85-7	beta-BHC	1.0	U	2.0	1.0	ug/Kg
319-86-8	delta-BHC	1.9	U	2.0	1.9	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.84	U	2.0	0.84	ug/Kg
76-44-8	Heptachlor	1.1	U	2.0	1.1	ug/Kg
309-00-2	Aldrin	1.4	U	2.0	1.4	ug/Kg
1024-57-3	Heptachlor epoxide	1.2	U	2.0	1.2	ug/Kg
959-98-8	Endosulfan I	1.0	U	2.0	1.0	ug/Kg
60-57-1	Dieldrin	0.97	U	2.0	0.97	ug/Kg
72-55-9	4,4'-DDE	0.92	U	2.0	0.92	ug/Kg
72-20-8	Endrin	1.0	U	2.0	1.0	ug/Kg
33213-65-9	Endosulfan II	1.1	U	2.0	1.1	ug/Kg
72-54-8	4,4'-DDD	0.82	U	2.0	0.82	ug/Kg
1031-07-8	Endosulfan sulfate	1.3	U	2.0	1.3	ug/Kg
50-29-3	4,4'-DDT	0.84	U	2.0	0.84	ug/Kg
72-43-5	Methoxychlor	1.0	U	2.0	1.0	ug/Kg
53494-70-5	Endrin ketone	0.96	U	2.0	0.96	ug/Kg
7421-93-4	Endrin aldehyde	1.2	U	2.0	1.2	ug/Kg
5103-71-9	alpha-Chlordane	0.98	U	2.0	0.98	ug/Kg
5103-74-2	gamma-Chlordane	1.0	U	2.0	1.0	ug/Kg
8001-35-2	Toxaphene	4.2	U	20	4.2	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.38	92 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	14.91	75 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E2(8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-06	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	19
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008433.D	1	8/23/2007	8/26/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.77	U	2.1	0.77	ug/Kg
319-85-7	beta-BHC	1.1	U	2.1	1.1	ug/Kg
319-86-8	delta-BHC	2.0	U	2.1	2.0	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.87	U	2.1	0.87	ug/Kg
76-44-8	Heptachlor	1.1	U	2.1	1.1	ug/Kg
309-00-2	Aldrin	1.5	U	2.1	1.5	ug/Kg
1024-57-3	Heptachlor epoxide	1.3	U	2.1	1.3	ug/Kg
959-98-8	Endosulfan I	1.1	U	2.1	1.1	ug/Kg
60-57-1	Dieldrin	1.0	U	2.1	1.0	ug/Kg
72-55-9	4,4'-DDE	0.95	U	2.1	0.95	ug/Kg
72-20-8	Endrin	1.0	U	2.1	1.0	ug/Kg
33213-65-9	Endosulfan II	1.1	U	2.1	1.1	ug/Kg
72-54-8	4,4'-DDD	0.85	U	2.1	0.85	ug/Kg
1031-07-8	Endosulfan sulfate	1.3	U	2.1	1.3	ug/Kg
50-29-3	4,4'-DDT	0.87	U	2.1	0.87	ug/Kg
72-43-5	Methoxychlor	1.0	U	2.1	1.0	ug/Kg
53494-70-5	Endrin ketone	1.0	U	2.1	1.0	ug/Kg
7421-93-4	Endrin aldehyde	1.2	U	2.1	1.2	ug/Kg
5103-71-9	alpha-Chlordane	1.0	U	2.1	1.0	ug/Kg
5103-74-2	gamma-Chlordane	1.1	U	2.1	1.1	ug/Kg
8001-35-2	Toxaphene	4.3	U	21	4.3	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.52	98 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	14.23	71 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E3 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-07	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	17
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008434.D	1	8/23/2007	8/26/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.76	U	2.0	0.76	ug/Kg
319-85-7	beta-BHC	1.0	U	2.0	1.0	ug/Kg
319-86-8	delta-BHC	1.9	U	2.0	1.9	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.85	U	2.0	0.85	ug/Kg
76-44-8	Heptachlor	1.1	U	2.0	1.1	ug/Kg
309-00-2	Aldrin	1.5	U	2.0	1.5	ug/Kg
1024-57-3	Heptachlor epoxide	1.3	U	2.0	1.3	ug/Kg
959-98-8	Endosulfan I	1.0	U	2.0	1.0	ug/Kg
60-57-1	Dieldrin	0.98	U	2.0	0.98	ug/Kg
72-55-9	4,4'-DDE	0.93	U	2.0	0.93	ug/Kg
72-20-8	Endrin	1.0	U	2.0	1.0	ug/Kg
33213-65-9	Endosulfan II	1.1	U	2.0	1.1	ug/Kg
72-54-8	4,4'-DDD	0.83	U	2.0	0.83	ug/Kg
1031-07-8	Endosulfan sulfate	1.3	U	2.0	1.3	ug/Kg
50-29-3	4,4'-DDT	0.85	U	2.0	0.85	ug/Kg
72-43-5	Methoxychlor	1.0	U	2.0	1.0	ug/Kg
53494-70-5	Endrin ketone	0.98	U	2.0	0.98	ug/Kg
7421-93-4	Endrin aldehyde	1.2	U	2.0	1.2	ug/Kg
5103-71-9	alpha-Chlordane	0.99	U	2.0	0.99	ug/Kg
5103-74-2	gamma-Chlordane	1.0	U	2.0	1.0	ug/Kg
8001-35-2	Toxaphene	4.2	U	20	4.2	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.73	89 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	12.85	64 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E3 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-08	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	18
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008435.D	1	8/23/2007	8/26/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.78	U	2.1	0.78	ug/Kg
319-85-7	beta-BHC	1.1	U	2.1	1.1	ug/Kg
319-86-8	delta-BHC	2.0	U	2.1	2.0	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.87	U	2.1	0.87	ug/Kg
76-44-8	Heptachlor	1.1	U	2.1	1.1	ug/Kg
309-00-2	Aldrin	1.5	U	2.1	1.5	ug/Kg
1024-57-3	Heptachlor epoxide	1.3	U	2.1	1.3	ug/Kg
959-98-8	Endosulfan I	1.1	U	2.1	1.1	ug/Kg
60-57-1	Dieldrin	1.0	U	2.1	1.0	ug/Kg
72-55-9	4,4'-DDE	0.96	U	2.1	0.96	ug/Kg
72-20-8	Endrin	1.0	U	2.1	1.0	ug/Kg
33213-65-9	Endosulfan II	1.2	U	2.1	1.2	ug/Kg
72-54-8	4,4'-DDD	0.85	U	2.1	0.85	ug/Kg
1031-07-8	Endosulfan sulfate	1.3	U	2.1	1.3	ug/Kg
50-29-3	4,4'-DDT	0.88	U	2.1	0.88	ug/Kg
72-43-5	Methoxychlor	1.0	U	2.1	1.0	ug/Kg
53494-70-5	Endrin ketone	1.0	U	2.1	1.0	ug/Kg
7421-93-4	Endrin aldehyde	1.2	U	2.1	1.2	ug/Kg
5103-71-9	alpha-Chlordane	1.0	U	2.1	1.0	ug/Kg
5103-74-2	gamma-Chlordane	1.1	U	2.1	1.1	ug/Kg
8001-35-2	Toxaphene	4.4	U	21	4.4	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.7	99 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	15.01	75 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E6 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-09	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	7
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008436.D	1	8/23/2007	8/26/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.68	U	1.8	0.68	ug/Kg
319-85-7	beta-BHC	0.93	U	1.8	0.93	ug/Kg
319-86-8	delta-BHC	1.7	U	1.8	1.7	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.77	U	1.8	0.77	ug/Kg
76-44-8	Heptachlor	0.99	U	1.8	0.99	ug/Kg
309-00-2	Aldrin	1.3	U	1.8	1.3	ug/Kg
1024-57-3	Heptachlor epoxide	1.1	U	1.8	1.1	ug/Kg
959-98-8	Endosulfan I	0.94	U	1.8	0.94	ug/Kg
60-57-1	Dieldrin	0.88	U	1.8	0.88	ug/Kg
72-55-9	4,4'-DDE	0.84	U	1.8	0.84	ug/Kg
72-20-8	Endrin	0.91	U	1.8	0.91	ug/Kg
33213-65-9	Endosulfan II	1.0	U	1.8	1.0	ug/Kg
72-54-8	4,4'-DDD	0.75	U	1.8	0.75	ug/Kg
1031-07-8	Endosulfan sulfate	1.1	U	1.8	1.1	ug/Kg
50-29-3	4,4'-DDT	0.77	U	1.8	0.77	ug/Kg
72-43-5	Methoxychlor	0.92	U	1.8	0.92	ug/Kg
53494-70-5	Endrin ketone	0.88	U	1.8	0.88	ug/Kg
7421-93-4	Endrin aldehyde	1.1	U	1.8	1.1	ug/Kg
5103-71-9	alpha-Chlordane	0.89	U	1.8	0.89	ug/Kg
5103-74-2	gamma-Chlordane	0.93	U	1.8	0.93	ug/Kg
8001-35-2	Toxaphene	3.8	U	18	3.8	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.14	96 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	13.41	67 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E6 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-10	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	14
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008437.D	1	8/23/2007	8/26/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.73	U	1.9	0.73	ug/Kg
319-85-7	beta-BHC	1.0	U	1.9	1.0	ug/Kg
319-86-8	delta-BHC	1.9	U	1.9	1.9	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.82	U	1.9	0.82	ug/Kg
76-44-8	Heptachlor	1.1	U	1.9	1.1	ug/Kg
309-00-2	Aldrin	1.4	U	1.9	1.4	ug/Kg
1024-57-3	Heptachlor epoxide	1.2	U	1.9	1.2	ug/Kg
959-98-8	Endosulfan I	1.0	U	1.9	1.0	ug/Kg
60-57-1	Dieldrin	0.94	U	1.9	0.94	ug/Kg
72-55-9	4,4'-DDE	0.90	U	1.9	0.90	ug/Kg
72-20-8	Endrin	0.97	U	1.9	0.97	ug/Kg
33213-65-9	Endosulfan II	1.1	U	1.9	1.1	ug/Kg
72-54-8	4,4'-DDD	0.80	U	1.9	0.80	ug/Kg
1031-07-8	Endosulfan sulfate	1.2	U	1.9	1.2	ug/Kg
50-29-3	4,4'-DDT	0.82	U	1.9	0.82	ug/Kg
72-43-5	Methoxychlor	0.98	U	1.9	0.98	ug/Kg
53494-70-5	Endrin ketone	0.94	U	1.9	0.94	ug/Kg
7421-93-4	Endrin aldehyde	1.1	U	1.9	1.1	ug/Kg
5103-71-9	alpha-Chlordane	0.95	U	1.9	0.95	ug/Kg
5103-74-2	gamma-Chlordane	0.99	U	1.9	0.99	ug/Kg
8001-35-2	Toxaphene	4.1	U	19	4.1	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.13	96 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	14.45	72 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E13 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-11	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	16
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008438.D	1	8/23/2007	8/26/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.75	U	2.0	0.75	ug/Kg
319-85-7	beta-BHC	1.0	U	2.0	1.0	ug/Kg
319-86-8	delta-BHC	1.9	U	2.0	1.9	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.84	U	2.0	0.84	ug/Kg
76-44-8	Heptachlor	1.1	U	2.0	1.1	ug/Kg
309-00-2	Aldrin	1.4	U	2.0	1.4	ug/Kg
1024-57-3	Heptachlor epoxide	1.2	U	2.0	1.2	ug/Kg
959-98-8	Endosulfan I	1.0	U	2.0	1.0	ug/Kg
60-57-1	Dieldrin	0.97	U	2.0	0.97	ug/Kg
72-55-9	4,4'-DDE	0.92	U	2.0	0.92	ug/Kg
72-20-8	Endrin	1.0	U	2.0	1.0	ug/Kg
33213-65-9	Endosulfan II	1.1	U	2.0	1.1	ug/Kg
72-54-8	4,4'-DDD	0.82	U	2.0	0.82	ug/Kg
1031-07-8	Endosulfan sulfate	1.3	U	2.0	1.3	ug/Kg
50-29-3	4,4'-DDT	0.85	U	2.0	0.85	ug/Kg
72-43-5	Methoxychlor	1.0	U	2.0	1.0	ug/Kg
53494-70-5	Endrin ketone	0.97	U	2.0	0.97	ug/Kg
7421-93-4	Endrin aldehyde	1.2	U	2.0	1.2	ug/Kg
5103-71-9	alpha-Chlordane	0.98	U	2.0	0.98	ug/Kg
5103-74-2	gamma-Chlordane	1.0	U	2.0	1.0	ug/Kg
8001-35-2	Toxaphene	4.2	U	20	4.2	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.05	110 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	14.09	70 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E13 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-12	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	22
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008439.D	1	8/23/2007	8/26/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.81	U	2.2	0.81	ug/Kg
319-85-7	beta-BHC	1.1	U	2.2	1.1	ug/Kg
319-86-8	delta-BHC	2.1	U	2.2	2.1	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.91	U	2.2	0.91	ug/Kg
76-44-8	Heptachlor	1.2	U	2.2	1.2	ug/Kg
309-00-2	Aldrin	1.6	U	2.2	1.6	ug/Kg
1024-57-3	Heptachlor epoxide	1.3	U	2.2	1.3	ug/Kg
959-98-8	Endosulfan I	1.1	U	2.2	1.1	ug/Kg
60-57-1	Dieldrin	1.0	U	2.2	1.0	ug/Kg
72-55-9	4,4'-DDE	1.0	U	2.2	1.0	ug/Kg
72-20-8	Endrin	1.1	U	2.2	1.1	ug/Kg
33213-65-9	Endosulfan II	1.2	U	2.2	1.2	ug/Kg
72-54-8	4,4'-DDD	0.89	U	2.2	0.89	ug/Kg
1031-07-8	Endosulfan sulfate	1.4	U	2.2	1.4	ug/Kg
50-29-3	4,4'-DDT	0.92	U	2.2	0.92	ug/Kg
72-43-5	Methoxychlor	1.1	U	2.2	1.1	ug/Kg
53494-70-5	Endrin ketone	1.0	U	2.2	1.0	ug/Kg
7421-93-4	Endrin aldehyde	1.3	U	2.2	1.3	ug/Kg
5103-71-9	alpha-Chlordane	1.1	U	2.2	1.1	ug/Kg
5103-74-2	gamma-Chlordane	1.1	U	2.2	1.1	ug/Kg
8001-35-2	Toxaphene	4.6	U	22	4.6	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.71	94 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	13.06	65 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E5 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-13**	**Matrix:**	**SOIL**
Analytical Method:	**8081**	**% Moisture:**	**18**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008440.D	1	8/23/2007	8/26/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.77	U	2.1	0.77	ug/Kg
319-85-7	beta-BHC	1.1	U	2.1	1.1	ug/Kg
319-86-8	delta-BHC	2.0	U	2.1	2.0	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.87	U	2.1	0.87	ug/Kg
76-44-8	Heptachlor	1.1	U	2.1	1.1	ug/Kg
309-00-2	Aldrin	1.5	U	2.1	1.5	ug/Kg
1024-57-3	Heptachlor epoxide	1.3	U	2.1	1.3	ug/Kg
959-98-8	Endosulfan I	1.1	U	2.1	1.1	ug/Kg
60-57-1	Dieldrin	1.0	U	2.1	1.0	ug/Kg
72-55-9	4,4'-DDE	0.95	U	2.1	0.95	ug/Kg
72-20-8	Endrin	1.0	U	2.1	1.0	ug/Kg
33213-65-9	Endosulfan II	1.1	U	2.1	1.1	ug/Kg
72-54-8	4,4'-DDD	0.85	U	2.1	0.85	ug/Kg
1031-07-8	Endosulfan sulfate	1.3	U	2.1	1.3	ug/Kg
50-29-3	4,4'-DDT	0.87	U	2.1	0.87	ug/Kg
72-43-5	Methoxychlor	1.0	U	2.1	1.0	ug/Kg
53494-70-5	Endrin ketone	0.99	U	2.1	0.99	ug/Kg
7421-93-4	Endrin aldehyde	1.2	U	2.1	1.2	ug/Kg
5103-71-9	alpha-Chlordane	1.0	U	2.1	1.0	ug/Kg
5103-74-2	gamma-Chlordane	1.1	U	2.1	1.1	ug/Kg
8001-35-2	Toxaphene	4.3	U	21	4.3	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.34	92 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	13.33	67 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E5 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-14**	**Matrix:**	**SOIL**
Analytical Method:	**8081**	**% Moisture:**	**15**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008441.D	1	8/23/2007	8/26/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.74	U	2.0	0.74	ug/Kg
319-85-7	beta-BHC	1.0	U	2.0	1.0	ug/Kg
319-86-8	delta-BHC	1.9	U	2.0	1.9	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.84	U	2.0	0.84	ug/Kg
76-44-8	Heptachlor	1.1	U	2.0	1.1	ug/Kg
309-00-2	Aldrin	1.4	U	2.0	1.4	ug/Kg
1024-57-3	Heptachlor epoxide	1.2	U	2.0	1.2	ug/Kg
959-98-8	Endosulfan I	1.0	U	2.0	1.0	ug/Kg
60-57-1	Dieldrin	0.96	U	2.0	0.96	ug/Kg
72-55-9	4,4'-DDE	0.92	U	2.0	0.92	ug/Kg
72-20-8	Endrin	0.99	U	2.0	0.99	ug/Kg
33213-65-9	Endosulfan II	1.1	U	2.0	1.1	ug/Kg
72-54-8	4,4'-DDD	0.82	U	2.0	0.82	ug/Kg
1031-07-8	Endosulfan sulfate	1.3	U	2.0	1.3	ug/Kg
50-29-3	4,4'-DDT	0.84	U	2.0	0.84	ug/Kg
72-43-5	Methoxychlor	1.0	U	2.0	1.0	ug/Kg
53494-70-5	Endrin ketone	0.96	U	2.0	0.96	ug/Kg
7421-93-4	Endrin aldehyde	1.2	U	2.0	1.2	ug/Kg
5103-71-9	alpha-Chlordane	0.97	U	2.0	0.97	ug/Kg
5103-74-2	gamma-Chlordane	1.0	U	2.0	1.0	ug/Kg
8001-35-2	Toxaphene	4.2	U	20	4.2	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.75	99 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	17.22	86 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E14 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-15	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	12
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008442.D	1	8/23/2007	8/26/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.73	U	1.9	0.73	ug/Kg
319-85-7	beta-BHC	0.99	U	1.9	0.99	ug/Kg
319-86-8	delta-BHC	1.8	U	1.9	1.8	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.82	U	1.9	0.82	ug/Kg
76-44-8	Heptachlor	1.1	U	1.9	1.1	ug/Kg
309-00-2	Aldrin	1.4	U	1.9	1.4	ug/Kg
1024-57-3	Heptachlor epoxide	1.2	U	1.9	1.2	ug/Kg
959-98-8	Endosulfan I	1.0	U	1.9	1.0	ug/Kg
60-57-1	Dieldrin	0.94	U	1.9	0.94	ug/Kg
72-55-9	4,4'-DDE	0.89	U	1.9	0.89	ug/Kg
72-20-8	Endrin	0.97	U	1.9	0.97	ug/Kg
33213-65-9	Endosulfan II	1.1	U	1.9	1.1	ug/Kg
72-54-8	4,4'-DDD	0.80	U	1.9	0.80	ug/Kg
1031-07-8	Endosulfan sulfate	1.2	U	1.9	1.2	ug/Kg
50-29-3	4,4'-DDT	0.82	U	1.9	0.82	ug/Kg
72-43-5	Methoxychlor	0.98	U	1.9	0.98	ug/Kg
53494-70-5	Endrin ketone	0.93	U	1.9	0.93	ug/Kg
7421-93-4	Endrin aldehyde	1.1	U	1.9	1.1	ug/Kg
5103-71-9	alpha-Chlordane	0.95	U	1.9	0.95	ug/Kg
5103-74-2	gamma-Chlordane	0.99	U	1.9	0.99	ug/Kg
8001-35-2	Toxaphene	4.1	U	19	4.1	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.81	84 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	15.44	77 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E14 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-16	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	19
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008446.D	1	8/23/2007	8/26/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.78	U	2.1	0.78	ug/Kg
319-85-7	beta-BHC	1.1	U	2.1	1.1	ug/Kg
319-86-8	delta-BHC	2.0	U	2.1	2.0	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.88	U	2.1	0.88	ug/Kg
76-44-8	Heptachlor	1.1	U	2.1	1.1	ug/Kg
309-00-2	Aldrin	1.5	U	2.1	1.5	ug/Kg
1024-57-3	Heptachlor epoxide	1.3	U	2.1	1.3	ug/Kg
959-98-8	Endosulfan I	1.1	U	2.1	1.1	ug/Kg
60-57-1	Dieldrin	1.0	U	2.1	1.0	ug/Kg
72-55-9	4,4'-DDE	0.96	U	2.1	0.96	ug/Kg
72-20-8	Endrin	1.0	U	2.1	1.0	ug/Kg
33213-65-9	Endosulfan II	1.2	U	2.1	1.2	ug/Kg
72-54-8	4,4'-DDD	0.86	U	2.1	0.86	ug/Kg
1031-07-8	Endosulfan sulfate	1.3	U	2.1	1.3	ug/Kg
50-29-3	4,4'-DDT	0.88	U	2.1	0.88	ug/Kg
72-43-5	Methoxychlor	1.1	U	2.1	1.1	ug/Kg
53494-70-5	Endrin ketone	1.0	U	2.1	1.0	ug/Kg
7421-93-4	Endrin aldehyde	1.2	U	2.1	1.2	ug/Kg
5103-71-9	alpha-Chlordane	1.0	U	2.1	1.0	ug/Kg
5103-74-2	gamma-Chlordane	1.1	U	2.1	1.1	ug/Kg
8001-35-2	Toxaphene	4.4	U	21	4.4	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.52	93 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	14.63	73 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E7 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-17	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	6
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008447.D	1	8/23/2007	8/26/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.67	U	1.8	0.67	ug/Kg
319-85-7	beta-BHC	0.92	U	1.8	0.92	ug/Kg
319-86-8	delta-BHC	1.7	U	1.8	1.7	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.75	U	1.8	0.75	ug/Kg
76-44-8	Heptachlor	0.97	U	1.8	0.97	ug/Kg
309-00-2	Aldrin	1.3	U	1.8	1.3	ug/Kg
1024-57-3	Heptachlor epoxide	1.1	U	1.8	1.1	ug/Kg
959-98-8	Endosulfan I	0.92	U	1.8	0.92	ug/Kg
60-57-1	Dieldrin	0.86	U	1.8	0.86	ug/Kg
72-55-9	4,4'-DDE	0.82	U	1.8	0.82	ug/Kg
72-20-8	Endrin	0.89	U	1.8	0.89	ug/Kg
33213-65-9	Endosulfan II	0.99	U	1.8	0.99	ug/Kg
72-54-8	4,4'-DDD	0.74	U	1.8	0.74	ug/Kg
1031-07-8	Endosulfan sulfate	1.1	U	1.8	1.1	ug/Kg
50-29-3	4,4'-DDT	0.75	U	1.8	0.75	ug/Kg
72-43-5	Methoxychlor	0.90	U	1.8	0.90	ug/Kg
53494-70-5	Endrin ketone	0.86	U	1.8	0.86	ug/Kg
7421-93-4	Endrin aldehyde	1.1	U	1.8	1.1	ug/Kg
5103-71-9	alpha-Chlordane	0.88	U	1.8	0.88	ug/Kg
5103-74-2	gamma-Chlordane	0.91	U	1.8	0.91	ug/Kg
8001-35-2	Toxaphene	3.7	U	18	3.7	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.34	102 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	15.97	80 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E12 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-19	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	8
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008448.D	1	8/23/2007	8/26/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.69	U	1.8	0.69	ug/Kg
319-85-7	beta-BHC	0.95	U	1.8	0.95	ug/Kg
319-86-8	delta-BHC	1.8	U	1.8	1.8	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.78	U	1.8	0.78	ug/Kg
76-44-8	Heptachlor	1.0	U	1.8	1.0	ug/Kg
309-00-2	Aldrin	1.3	U	1.8	1.3	ug/Kg
1024-57-3	Heptachlor epoxide	1.1	U	1.8	1.1	ug/Kg
959-98-8	Endosulfan I	0.95	U	1.8	0.95	ug/Kg
60-57-1	Dieldrin	0.89	U	1.8	0.89	ug/Kg
72-55-9	4,4'-DDE	0.85	U	1.8	0.85	ug/Kg
72-20-8	Endrin	0.92	U	1.8	0.92	ug/Kg
33213-65-9	Endosulfan II	1.0	U	1.8	1.0	ug/Kg
72-54-8	4,4'-DDD	0.76	U	1.8	0.76	ug/Kg
1031-07-8	Endosulfan sulfate	1.2	U	1.8	1.2	ug/Kg
50-29-3	4,4'-DDT	0.78	U	1.8	0.78	ug/Kg
72-43-5	Methoxychlor	0.93	U	1.8	0.93	ug/Kg
53494-70-5	Endrin ketone	0.89	U	1.8	0.89	ug/Kg
7421-93-4	Endrin aldehyde	1.1	U	1.8	1.1	ug/Kg
5103-71-9	alpha-Chlordane	0.91	U	1.8	0.91	ug/Kg
5103-74-2	gamma-Chlordane	0.95	U	1.8	0.95	ug/Kg
8001-35-2	Toxaphene	3.9	U	18	3.9	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.15	86 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	13.85	69 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E12 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-20	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	24
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008449.D	1	8/23/2007	8/26/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.83	U	2.2	0.83	ug/Kg
319-85-7	beta-BHC	1.1	U	2.2	1.1	ug/Kg
319-86-8	delta-BHC	2.1	U	2.2	2.1	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.94	U	2.2	0.94	ug/Kg
76-44-8	Heptachlor	1.2	U	2.2	1.2	ug/Kg
309-00-2	Aldrin	1.6	U	2.2	1.6	ug/Kg
1024-57-3	Heptachlor epoxide	1.4	U	2.2	1.4	ug/Kg
959-98-8	Endosulfan I	1.1	U	2.2	1.1	ug/Kg
60-57-1	Dieldrin	1.1	U	2.2	1.1	ug/Kg
72-55-9	4,4'-DDE	1.0	U	2.2	1.0	ug/Kg
72-20-8	Endrin	1.1	U	2.2	1.1	ug/Kg
33213-65-9	Endosulfan II	1.2	U	2.2	1.2	ug/Kg
72-54-8	4,4'-DDD	0.91	U	2.2	0.91	ug/Kg
1031-07-8	Endosulfan sulfate	1.4	U	2.2	1.4	ug/Kg
50-29-3	4,4'-DDT	0.94	U	2.2	0.94	ug/Kg
72-43-5	Methoxychlor	1.1	U	2.2	1.1	ug/Kg
53494-70-5	Endrin ketone	1.1	U	2.2	1.1	ug/Kg
7421-93-4	Endrin aldehyde	1.3	U	2.2	1.3	ug/Kg
5103-71-9	alpha-Chlordane	1.1	U	2.2	1.1	ug/Kg
5103-74-2	gamma-Chlordane	1.1	U	2.2	1.1	ug/Kg
8001-35-2	Toxaphene	4.7	U	22	4.7	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.36	97 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	16.32	82 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E4 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-21**	**Matrix:**	**SOIL**
Analytical Method:	**8081**	**% Moisture:**	**12**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008450.D	1	8/23/2007	8/26/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.72	U	1.9	0.72	ug/Kg
319-85-7	beta-BHC	0.99	U	1.9	0.99	ug/Kg
319-86-8	delta-BHC	1.8	U	1.9	1.8	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.81	U	1.9	0.81	ug/Kg
76-44-8	Heptachlor	1.1	U	1.9	1.1	ug/Kg
309-00-2	Aldrin	1.4	U	1.9	1.4	ug/Kg
1024-57-3	Heptachlor epoxide	1.2	U	1.9	1.2	ug/Kg
959-98-8	Endosulfan I	1.0	U	1.9	1.0	ug/Kg
60-57-1	Dieldrin	0.93	U	1.9	0.93	ug/Kg
72-55-9	4,4'-DDE	0.89	U	1.9	0.89	ug/Kg
72-20-8	Endrin	0.96	U	1.9	0.96	ug/Kg
33213-65-9	Endosulfan II	1.1	U	1.9	1.1	ug/Kg
72-54-8	4,4'-DDD	0.79	U	1.9	0.79	ug/Kg
1031-07-8	Endosulfan sulfate	1.2	U	1.9	1.2	ug/Kg
50-29-3	4,4'-DDT	0.82	U	1.9	0.82	ug/Kg
72-43-5	Methoxychlor	0.97	U	1.9	0.97	ug/Kg
53494-70-5	Endrin ketone	0.93	U	1.9	0.93	ug/Kg
7421-93-4	Endrin aldehyde	1.1	U	1.9	1.1	ug/Kg
5103-71-9	alpha-Chlordane	0.95	U	1.9	0.95	ug/Kg
5103-74-2	gamma-Chlordane	0.99	U	1.9	0.99	ug/Kg
8001-35-2	Toxaphene	4.0	U	19	4.0	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.6	98 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	16.82	84 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E4 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-22	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	22
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008451.D	1	8/23/2007	8/26/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.81	U	2.2	0.81	ug/Kg
319-85-7	beta-BHC	1.1	U	2.2	1.1	ug/Kg
319-86-8	delta-BHC	2.1	U	2.2	2.1	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.91	U	2.2	0.91	ug/Kg
76-44-8	Heptachlor	1.2	U	2.2	1.2	ug/Kg
309-00-2	Aldrin	1.6	U	2.2	1.6	ug/Kg
1024-57-3	Heptachlor epoxide	1.3	U	2.2	1.3	ug/Kg
959-98-8	Endosulfan I	1.1	U	2.2	1.1	ug/Kg
60-57-1	Dieldrin	1.0	U	2.2	1.0	ug/Kg
72-55-9	4,4'-DDE	1.0	U	2.2	1.0	ug/Kg
72-20-8	Endrin	1.1	U	2.2	1.1	ug/Kg
33213-65-9	Endosulfan II	1.2	U	2.2	1.2	ug/Kg
72-54-8	4,4'-DDD	0.89	U	2.2	0.89	ug/Kg
1031-07-8	Endosulfan sulfate	1.4	U	2.2	1.4	ug/Kg
50-29-3	4,4'-DDT	0.92	U	2.2	0.92	ug/Kg
72-43-5	Methoxychlor	1.1	U	2.2	1.1	ug/Kg
53494-70-5	Endrin ketone	1.0	U	2.2	1.0	ug/Kg
7421-93-4	Endrin aldehyde	1.3	U	2.2	1.3	ug/Kg
5103-71-9	alpha-Chlordane	1.1	U	2.2	1.1	ug/Kg
5103-74-2	gamma-Chlordane	1.1	U	2.2	1.1	ug/Kg
8001-35-2	Toxaphene	4.6	U	22	4.6	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.99	90 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	14.11	71 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E1 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-01	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	13
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007446.D	1	8/23/2007	8/30/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.9	U	19	2.9	ug/Kg
11104-28-2	AROCLOR 1221	4.5	U	19	4.5	ug/Kg
11141-16-5	AROCLOR 1232	6.7	U	19	6.7	ug/Kg
53469-21-9	AROCLOR 1242	5.9	U	19	5.9	ug/Kg
12672-29-6	AROCLOR 1248	2.9	U	19	2.9	ug/Kg
11097-69-1	AROCLOR 1254	1.9	U	19	1.9	ug/Kg
11096-82-5	AROCLOR 1260	4.8	U	19	4.8	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.74	104 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	22.05	110 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E1 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-02**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**20**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007447.D	1	8/23/2007	8/30/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	3.1	U	21	3.1	ug/Kg
11104-28-2	AROCLOR 1221	4.9	U	21	4.9	ug/Kg
11141-16-5	AROCLOR 1232	7.3	U	21	7.3	ug/Kg
53469-21-9	AROCLOR 1242	6.5	U	21	6.5	ug/Kg
12672-29-6	AROCLOR 1248	3.2	U	21	3.2	ug/Kg
11097-69-1	AROCLOR 1254	2.1	U	21	2.1	ug/Kg
11096-82-5	AROCLOR 1260	5.2	U	21	5.2	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.84	99 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	24.97	125 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E2(0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-03	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	15
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007405.D	1	8/23/2007	8/29/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	3.0	U	20	3.0	ug/Kg
11104-28-2	AROCLOR 1221	4.6	U	20	4.6	ug/Kg
11141-16-5	AROCLOR 1232	6.9	U	20	6.9	ug/Kg
53469-21-9	AROCLOR 1242	6.1	U	20	6.1	ug/Kg
12672-29-6	AROCLOR 1248	3.0	U	20	3.0	ug/Kg
11097-69-1	AROCLOR 1254	1.9	U	20	1.9	ug/Kg
11096-82-5	AROCLOR 1260	4.9	U	20	4.9	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.07	105 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	11.53	58 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E2(8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-06**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**19**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007406.D	1	8/23/2007	8/29/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	3.1	U	21	3.1	ug/Kg
11104-28-2	AROCLOR 1221	4.8	U	21	4.8	ug/Kg
11141-16-5	AROCLOR 1232	7.2	U	21	7.2	ug/Kg
53469-21-9	AROCLOR 1242	6.4	U	21	6.4	ug/Kg
12672-29-6	AROCLOR 1248	3.1	U	21	3.1	ug/Kg
11097-69-1	AROCLOR 1254	2.0	U	21	2.0	ug/Kg
11096-82-5	AROCLOR 1260	5.2	U	21	5.2	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.95	115 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	12.21	61 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E3 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-07**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**17**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007448.D	1	8/23/2007	8/30/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	3.1	U	20	3.1	ug/Kg
11104-28-2	AROCLOR 1221	4.7	U	20	4.7	ug/Kg
11141-16-5	AROCLOR 1232	7.1	U	20	7.1	ug/Kg
53469-21-9	AROCLOR 1242	6.3	U	20	6.3	ug/Kg
12672-29-6	AROCLOR 1248	3.1	U	20	3.1	ug/Kg
11097-69-1	AROCLOR 1254	2.0	U	20	2.0	ug/Kg
11096-82-5	AROCLOR 1260	5.1	U	20	5.1	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.38	97 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	22.4	112 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E3 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-08**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**18**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007408.D	1	8/23/2007	8/30/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	3.1	U	21	3.1	ug/Kg
11104-28-2	AROCLOR 1221	4.8	U	21	4.8	ug/Kg
11141-16-5	AROCLOR 1232	7.1	U	21	7.1	ug/Kg
53469-21-9	AROCLOR 1242	6.3	U	21	6.3	ug/Kg
12672-29-6	AROCLOR 1248	3.1	U	21	3.1	ug/Kg
11097-69-1	AROCLOR 1254	2.0	U	21	2.0	ug/Kg
11096-82-5	AROCLOR 1260	5.1	U	21	5.1	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.66	113 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	12	60 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E6 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-09**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**7**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007409.D	1	8/23/2007	8/30/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.2	U	18	4.2	ug/Kg
11141-16-5	AROCLOR 1232	6.2	U	18	6.2	ug/Kg
53469-21-9	AROCLOR 1242	5.5	U	18	5.5	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.5	U	18	4.5	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.49	102 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	11.73	59 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E6 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-10**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**14**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007410.D	1	8/23/2007	8/30/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.9	U	20	2.9	ug/Kg
11104-28-2	AROCLOR 1221	4.5	U	20	4.5	ug/Kg
11141-16-5	AROCLOR 1232	6.8	U	20	6.8	ug/Kg
53469-21-9	AROCLOR 1242	6.0	U	20	6.0	ug/Kg
12672-29-6	AROCLOR 1248	2.9	U	20	2.9	ug/Kg
11097-69-1	AROCLOR 1254	1.9	U	20	1.9	ug/Kg
11096-82-5	AROCLOR 1260	4.8	U	20	4.8	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.31	112 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	12.71	64 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E13 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-11**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**16**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007411.D	1	8/23/2007	8/30/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	3.0	U	20	3.0	ug/Kg
11104-28-2	AROCLOR 1221	4.6	U	20	4.6	ug/Kg
11141-16-5	AROCLOR 1232	6.9	U	20	6.9	ug/Kg
53469-21-9	AROCLOR 1242	6.1	U	20	6.1	ug/Kg
12672-29-6	AROCLOR 1248	3.0	U	20	3.0	ug/Kg
11097-69-1	AROCLOR 1254	1.9	U	20	1.9	ug/Kg
11096-82-5	AROCLOR 1260	4.9	U	20	4.9	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.06	105 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	11.72	59 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E13 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-12	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	22
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007412.D	1	8/23/2007	8/30/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	3.2	U	21	3.2	ug/Kg
11104-28-2	AROCLOR 1221	5.0	U	21	5.0	ug/Kg
11141-16-5	AROCLOR 1232	7.4	U	21	7.4	ug/Kg
53469-21-9	AROCLOR 1242	6.6	U	21	6.6	ug/Kg
12672-29-6	AROCLOR 1248	3.2	U	21	3.2	ug/Kg
11097-69-1	AROCLOR 1254	2.1	U	21	2.1	ug/Kg
11096-82-5	AROCLOR 1260	5.3	U	21	5.3	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.89	104 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	11.65	58 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E5 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-13**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**18**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007413.D	1	8/23/2007	8/30/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	3.1	U	21	3.1	ug/Kg
11104-28-2	AROCLOR 1221	4.8	U	21	4.8	ug/Kg
11141-16-5	AROCLOR 1232	7.1	U	21	7.1	ug/Kg
53469-21-9	AROCLOR 1242	6.3	U	21	6.3	ug/Kg
12672-29-6	AROCLOR 1248	3.1	U	21	3.1	ug/Kg
11097-69-1	AROCLOR 1254	2.0	U	21	2.0	ug/Kg
11096-82-5	AROCLOR 1260	5.1	U	21	5.1	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.18	106 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	12.35	62 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E5 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-14**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**15**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007414.D	1	8/23/2007	8/30/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	3.0	U	20	3.0	ug/Kg
11104-28-2	AROCLOR 1221	4.6	U	20	4.6	ug/Kg
11141-16-5	AROCLOR 1232	6.9	U	20	6.9	ug/Kg
53469-21-9	AROCLOR 1242	6.1	U	20	6.1	ug/Kg
12672-29-6	AROCLOR 1248	3.0	U	20	3.0	ug/Kg
11097-69-1	AROCLOR 1254	1.9	U	20	1.9	ug/Kg
11096-82-5	AROCLOR 1260	4.9	U	20	4.9	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.82	114 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	13.59	68 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E14 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-15**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**12**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007415.D	1	8/23/2007	8/30/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.8	U	19	2.8	ug/Kg
11104-28-2	AROCLOR 1221	4.4	U	19	4.4	ug/Kg
11141-16-5	AROCLOR 1232	6.6	U	19	6.6	ug/Kg
53469-21-9	AROCLOR 1242	5.9	U	19	5.9	ug/Kg
12672-29-6	AROCLOR 1248	2.9	U	19	2.9	ug/Kg
11097-69-1	AROCLOR 1254	1.9	U	19	1.9	ug/Kg
11096-82-5	AROCLOR 1260	4.7	U	19	4.7	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.36	112 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	13.54	68 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E14 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-16**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**19**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007416.D	1	8/23/2007	8/30/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	3.1	U	21	3.1	ug/Kg
11104-28-2	AROCLOR 1221	4.8	U	21	4.8	ug/Kg
11141-16-5	AROCLOR 1232	7.2	U	21	7.2	ug/Kg
53469-21-9	AROCLOR 1242	6.4	U	21	6.4	ug/Kg
12672-29-6	AROCLOR 1248	3.1	U	21	3.1	ug/Kg
11097-69-1	AROCLOR 1254	2.0	U	21	2.0	ug/Kg
11096-82-5	AROCLOR 1260	5.1	U	21	5.1	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.34	107 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	12.74	64 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E7 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-17	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	6
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007417.D	1	8/23/2007	8/30/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.2	U	18	4.2	ug/Kg
11141-16-5	AROCLOR 1232	6.3	U	18	6.3	ug/Kg
53469-21-9	AROCLOR 1242	5.6	U	18	5.6	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	38		18	4.5	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.85	109 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	13.06	65 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E12 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-19	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	8
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007418.D	1	8/23/2007	8/30/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.2	U	18	4.2	ug/Kg
11141-16-5	AROCLOR 1232	6.4	U	18	6.4	ug/Kg
53469-21-9	AROCLOR 1242	5.6	U	18	5.6	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.5	U	18	4.5	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.96	85 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	11.81	59 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E12 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-20**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**24**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007419.D	1	8/23/2007	8/30/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	3.3	U	22	3.3	ug/Kg
11104-28-2	AROCLOR 1221	5.1	U	22	5.1	ug/Kg
11141-16-5	AROCLOR 1232	7.6	U	22	7.6	ug/Kg
53469-21-9	AROCLOR 1242	6.8	U	22	6.8	ug/Kg
12672-29-6	AROCLOR 1248	3.3	U	22	3.3	ug/Kg
11097-69-1	AROCLOR 1254	2.1	U	22	2.1	ug/Kg
11096-82-5	AROCLOR 1260	5.4	U	22	5.4	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.07	110 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	13.34	67 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E4 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-21**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**12**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007420.D	1	8/23/2007	8/30/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.8	U	19	2.8	ug/Kg
11104-28-2	AROCLOR 1221	4.4	U	19	4.4	ug/Kg
11141-16-5	AROCLOR 1232	6.6	U	19	6.6	ug/Kg
53469-21-9	AROCLOR 1242	5.9	U	19	5.9	ug/Kg
12672-29-6	AROCLOR 1248	2.9	U	19	2.9	ug/Kg
11097-69-1	AROCLOR 1254	1.9	U	19	1.9	ug/Kg
11096-82-5	AROCLOR 1260	4.7	U	19	4.7	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.07	115 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	13.82	69 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E4 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-22	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	22
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007421.D	1	8/23/2007	8/30/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	3.2	U	22	3.2	ug/Kg
11104-28-2	AROCLOR 1221	5.0	U	22	5.0	ug/Kg
11141-16-5	AROCLOR 1232	7.5	U	22	7.5	ug/Kg
53469-21-9	AROCLOR 1242	6.7	U	22	6.7	ug/Kg
12672-29-6	AROCLOR 1248	3.3	U	22	3.3	ug/Kg
11097-69-1	AROCLOR 1254	2.1	U	22	2.1	ug/Kg
11096-82-5	AROCLOR 1260	5.4	U	22	5.4	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.15	101 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	12.28	61 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

Chemtech

Hit Summary Report

SDG No.: Y4128 **Order ID:** Y4128
Client: Environmental Business Consultants **Project ID:** 49 Dupont Street
Test: PCB

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	E7 (0-4)							
Y4128-17	E7 (0-4)	SOIL	AROCLOR 1260	38		18	4.5	ug/Kg
			Total PCB's:	38.00				

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E1 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-01**	**Matrix:**	**SOIL**
		% Solids:	**87.40**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	12000			mg/Kg	0.679	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.259	U		mg/Kg	0.259	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	3.080		N	mg/Kg	0.153	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	23.2		N	mg/Kg	0.114	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.486		N	mg/Kg	0.008	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.652	J	N	mg/Kg	0.046	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	815			mg/Kg	1.300	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	14.3			mg/Kg	0.084	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	8.400			mg/Kg	0.107	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	23.6			mg/Kg	0.099	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	21400			mg/Kg	2.040	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	9.000			mg/Kg	0.107	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	3900			mg/Kg	1.320	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	555			mg/Kg	0.046	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.012			mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	19.9			mg/Kg	0.092	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	885			mg/Kg	16.8	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.137	U		mg/Kg	0.137	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	0.423		N	mg/Kg	0.137	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	124		N	mg/Kg	22.0	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.440	U	N	mg/Kg	1.440	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	20.8			mg/Kg	0.114	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	169			mg/Kg	0.816	1	8/23/2007	8/28/2007	EPA SW-846 6010

Comments:

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N = Spiked sample recovery not within control limits

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E1 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-02	**Matrix:**	SOIL
		% Solids:	80.00

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	8060			mg/Kg	0.742	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.283	U		mg/Kg	0.283	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	1.160		N	mg/Kg	0.167	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	34.6		N	mg/Kg	0.125	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.423		N	mg/Kg	0.008	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.154	J	N	mg/Kg	0.050	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	1210			mg/Kg	1.420	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	16.0			mg/Kg	0.092	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	5.550			mg/Kg	0.117	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	10.0			mg/Kg	0.108	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	11700			mg/Kg	2.220	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	6.690			mg/Kg	0.117	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	2670			mg/Kg	1.440	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	107			mg/Kg	0.050	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.005	J		mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	14.7			mg/Kg	0.100	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	1120			mg/Kg	18.3	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.150	U		mg/Kg	0.150	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	0.150	U	N	mg/Kg	0.150	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	38.3	J	N	mg/Kg	24.1	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.570	U	N	mg/Kg	1.570	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	16.8			mg/Kg	0.125	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	48.0			mg/Kg	0.892	1	8/23/2007	8/28/2007	EPA SW-846 6010

Comments:

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E2(0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-03**	**Matrix:**	**SOIL**
		% Solids:	**84.80**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	14500		mg/Kg	0.700	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.267	U	mg/Kg	0.267	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	3.540	N	mg/Kg	0.157	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	38.4	N	mg/Kg	0.118	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.575	N	mg/Kg	0.008	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.790	N	mg/Kg	0.047	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	1170		mg/Kg	1.340	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	18.8		mg/Kg	0.086	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	14.4		mg/Kg	0.110	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	24.3		mg/Kg	0.102	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	23200		mg/Kg	2.100	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	25.8		mg/Kg	0.110	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	3900		mg/Kg	1.360	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	620		mg/Kg	0.047	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.029		mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	21.4		mg/Kg	0.094	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	945		mg/Kg	17.3	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.142	U	mg/Kg	0.142	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	0.445	N	mg/Kg	0.142	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	154	N	mg/Kg	22.7	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.490	U N	mg/Kg	1.490	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	25.1		mg/Kg	0.118	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	164		mg/Kg	0.841	1	8/23/2007	8/28/2007	EPA SW-846 6010

Comments:

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N = Spiked sample recovery not within control limits

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E2(8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-06	**Matrix:**	SOIL
		% Solids:	80.90

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	7430			mg/Kg	0.729	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.278	U		mg/Kg	0.278	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	1.470		N	mg/Kg	0.164	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	40.8		N	mg/Kg	0.123	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.476		N	mg/Kg	0.008	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.346	J	N	mg/Kg	0.049	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	3260			mg/Kg	1.400	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	18.4			mg/Kg	0.090	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	8.640			mg/Kg	0.115	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	15.6			mg/Kg	0.106	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	16200			mg/Kg	2.190	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	8.920			mg/Kg	0.115	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	3270			mg/Kg	1.420	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	175			mg/Kg	0.049	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.012	J		mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	17.1			mg/Kg	0.098	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	1440			mg/Kg	18.0	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.147	U		mg/Kg	0.147	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	0.160	J	N	mg/Kg	0.147	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	104		N	mg/Kg	23.6	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.550	U	N	mg/Kg	1.550	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	24.1			mg/Kg	0.123	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	60.2			mg/Kg	0.876	1	8/23/2007	8/28/2007	EPA SW-846 6010

Comments:

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E3 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-07	**Matrix:**	SOIL
		% Solids:	82.60

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	15800			mg/Kg	0.709	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.271	U		mg/Kg	0.271	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	3.330		N	mg/Kg	0.159	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	61.4		N	mg/Kg	0.119	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.577		N	mg/Kg	0.008	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.565	J	N	mg/Kg	0.048	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	1040			mg/Kg	1.360	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	21.5			mg/Kg	0.088	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	12.2			mg/Kg	0.112	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	19.5			mg/Kg	0.104	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	23200			mg/Kg	2.130	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	18.2			mg/Kg	0.112	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	4140			mg/Kg	1.380	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	229			mg/Kg	0.048	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.048			mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	20.9			mg/Kg	0.096	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	1150			mg/Kg	17.5	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.143	U		mg/Kg	0.143	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	0.535		N	mg/Kg	0.143	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	76.5	J	N	mg/Kg	23.0	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.510	U	N	mg/Kg	1.510	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	26.4			mg/Kg	0.119	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	87.3			mg/Kg	0.852	1	8/23/2007	8/28/2007	EPA SW-846 6010

Comments:

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E3 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-08	**Matrix:**	SOIL
		% Solids:	82.00

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	6250			mg/Kg	0.724	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.276	U		mg/Kg	0.276	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	5.960		N	mg/Kg	0.163	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	18.6		N	mg/Kg	0.122	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.576		N	mg/Kg	0.008	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.340	J	N	mg/Kg	0.049	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	993			mg/Kg	1.390	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	13.1			mg/Kg	0.089	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	11.3			mg/Kg	0.114	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	10.9			mg/Kg	0.106	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	17900			mg/Kg	2.170	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	8.190			mg/Kg	0.114	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	2020			mg/Kg	1.410	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	175			mg/Kg	0.049	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.015			mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	13.8			mg/Kg	0.098	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	665			mg/Kg	17.9	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.146	U		mg/Kg	0.146	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	0.430		N	mg/Kg	0.146	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	23.5	U	N	mg/Kg	23.5	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.540	U	N	mg/Kg	1.540	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	17.9			mg/Kg	0.122	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	61.9			mg/Kg	0.870	1	8/23/2007	8/28/2007	EPA SW-846 6010

Comments:

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E6 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-09	**Matrix:**	SOIL
		% Solids:	93.00

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	5650			mg/Kg	0.638	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.244	U		mg/Kg	0.244	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	4.970		N	mg/Kg	0.143	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	21.2		N	mg/Kg	0.108	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.457		N	mg/Kg	0.007	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.318	J	N	mg/Kg	0.043	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	487			mg/Kg	1.230	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	10.9			mg/Kg	0.079	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	6.850			mg/Kg	0.100	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	8.830			mg/Kg	0.093	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	15700			mg/Kg	1.910	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	6.280			mg/Kg	0.100	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	1940			mg/Kg	1.240	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	360			mg/Kg	0.043	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.008	J		mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	11.3			mg/Kg	0.086	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	718			mg/Kg	15.7	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.129	U		mg/Kg	0.129	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	0.307	J	N	mg/Kg	0.129	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	20.7	U	N	mg/Kg	20.7	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.350	U	N	mg/Kg	1.350	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	18.3			mg/Kg	0.108	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	40.0			mg/Kg	0.767	1	8/23/2007	8/28/2007	EPA SW-846 6010

Comments:

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E6 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-10**	**Matrix:**	**SOIL**
		% Solids:	**86.20**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	12200			mg/Kg	0.688	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.263	U		mg/Kg	0.263	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	0.457	J	N	mg/Kg	0.155	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	99.9		N	mg/Kg	0.116	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.604		N	mg/Kg	0.008	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	1.060		N	mg/Kg	0.046	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	826			mg/Kg	1.320	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	31.6			mg/Kg	0.085	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	8.800			mg/Kg	0.108	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	27.8			mg/Kg	0.101	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	31900			mg/Kg	2.060	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	8.230			mg/Kg	0.108	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	6600			mg/Kg	1.340	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	203			mg/Kg	0.046	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.009	J		mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	21.7			mg/Kg	0.093	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	3940			mg/Kg	17.0	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.139	U		mg/Kg	0.139	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	0.506		N	mg/Kg	0.139	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	22.3	U	N	mg/Kg	22.3	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.460	U	N	mg/Kg	1.460	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	45.6			mg/Kg	0.116	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	135			mg/Kg	0.828	1	8/23/2007	8/28/2007	EPA SW-846 6010

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E13 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-11**	**Matrix:**	**SOIL**
		% Solids:	**84.10**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	12600			mg/Kg	0.706	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.270	U		mg/Kg	0.270	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	7.810		N	mg/Kg	0.159	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	40.0		N	mg/Kg	0.119	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.614		N	mg/Kg	0.008	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.669	J	N	mg/Kg	0.048	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	1120			mg/Kg	1.360	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	17.4			mg/Kg	0.087	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	10.9			mg/Kg	0.111	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	23.0			mg/Kg	0.103	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	25200			mg/Kg	2.120	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	23.6			mg/Kg	0.111	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	3790			mg/Kg	1.370	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	593			mg/Kg	0.048	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.038			mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	16.9			mg/Kg	0.095	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	1260			mg/Kg	17.4	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.143	U		mg/Kg	0.143	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	0.618		N	mg/Kg	0.143	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	119		N	mg/Kg	22.9	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.500	U	N	mg/Kg	1.500	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	26.8			mg/Kg	0.119	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	82.0			mg/Kg	0.848	1	8/23/2007	8/28/2007	EPA SW-846 6010

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E13 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-12	**Matrix:**	SOIL
		% Solids:	78.20

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	8150			mg/Kg	0.759	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.290	U		mg/Kg	0.290	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	5.090		N	mg/Kg	0.171	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	45.6		N	mg/Kg	0.128	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.536		N	mg/Kg	0.009	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.607	J	N	mg/Kg	0.051	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	2330			mg/Kg	1.460	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	16.0			mg/Kg	0.094	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	10.0			mg/Kg	0.119	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	15.9			mg/Kg	0.111	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	20800			mg/Kg	2.280	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	19.8			mg/Kg	0.119	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	2950			mg/Kg	1.470	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	720			mg/Kg	0.051	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.007	J		mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	18.7			mg/Kg	0.102	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	1220			mg/Kg	18.7	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.153	U		mg/Kg	0.153	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	0.298	J	N	mg/Kg	0.153	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	106		N	mg/Kg	24.6	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.610	U	N	mg/Kg	1.610	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	24.8			mg/Kg	0.128	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	140			mg/Kg	0.912	1	8/23/2007	8/28/2007	EPA SW-846 6010

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E5 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-13**	**Matrix:**	**SOIL**
		% Solids:	**82.30**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	13000			mg/Kg	0.716	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.274	U		mg/Kg	0.274	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	4.140		N	mg/Kg	0.161	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	35.8		N	mg/Kg	0.121	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.550		N	mg/Kg	0.008	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.691	J	N	mg/Kg	0.048	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	537			mg/Kg	1.380	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	16.9			mg/Kg	0.089	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	11.7			mg/Kg	0.113	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	30.5			mg/Kg	0.105	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	25400			mg/Kg	2.150	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	26.0			mg/Kg	0.113	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	4450			mg/Kg	1.390	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	620			mg/Kg	0.048	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.019			mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	21.3			mg/Kg	0.097	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	969			mg/Kg	17.7	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.145	U		mg/Kg	0.145	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	0.753		N	mg/Kg	0.145	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	23.2	U	N	mg/Kg	23.2	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.520	U	N	mg/Kg	1.520	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	24.2			mg/Kg	0.121	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	91.2			mg/Kg	0.861	1	8/23/2007	8/28/2007	EPA SW-846 6010

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/16/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E5 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-14**	**Matrix:**	**SOIL**
		% Solids:	**84.50**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	4740			mg/Kg	0.702	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.268	U		mg/Kg	0.268	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	3.400		N	mg/Kg	0.158	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	17.0		N	mg/Kg	0.118	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.357		N	mg/Kg	0.008	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.066	J	N	mg/Kg	0.047	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	463			mg/Kg	1.350	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	10.0			mg/Kg	0.087	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	5.520			mg/Kg	0.110	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	5.740			mg/Kg	0.103	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	7730			mg/Kg	2.110	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	5.220			mg/Kg	0.110	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	1870			mg/Kg	1.360	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	111			mg/Kg	0.047	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.004	U		mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	9.270			mg/Kg	0.095	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	877			mg/Kg	17.3	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.142	U		mg/Kg	0.142	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	0.142	U	N	mg/Kg	0.142	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	42.8	J	N	mg/Kg	22.8	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.490	U	N	mg/Kg	1.490	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	17.2			mg/Kg	0.118	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	49.3			mg/Kg	0.844	1	8/23/2007	8/28/2007	EPA SW-846 6010

Comments:

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E14 (0-4)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-15	**Matrix:**	SOIL
		% Solids:	87.90

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	14500			mg/Kg	0.675	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	8.090			mg/Kg	0.258	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	3.940		N	mg/Kg	0.152	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	86.3		N	mg/Kg	0.114	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.993		N	mg/Kg	0.008	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	1.080		N	mg/Kg	0.046	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	1850			mg/Kg	1.300	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	24.4			mg/Kg	0.083	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	18.0			mg/Kg	0.106	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	30.4			mg/Kg	0.099	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	29600			mg/Kg	2.030	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	52.3			mg/Kg	0.106	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	5330			mg/Kg	1.310	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	838			mg/Kg	0.046	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.010	J		mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	26.0			mg/Kg	0.091	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	2270			mg/Kg	16.7	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.137	U		mg/Kg	0.137	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	0.697		N	mg/Kg	0.137	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	76.0		N	mg/Kg	21.9	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.430	U	N	mg/Kg	1.430	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	38.9			mg/Kg	0.114	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	239			mg/Kg	0.812	1	8/23/2007	8/28/2007	EPA SW-846 6010

Comments:

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/16/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E14 (8-12)	**SDG No.:**	Y4128
Lab Sample ID:	Y4128-16	**Matrix:**	SOIL
		% Solids:	81.10

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	14300			mg/Kg	0.732	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.279	U		mg/Kg	0.279	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	0.413	J	N	mg/Kg	0.164	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	116		N	mg/Kg	0.123	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.930		N	mg/Kg	0.008	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.858		N	mg/Kg	0.049	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	1220			mg/Kg	1.410	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	34.8			mg/Kg	0.090	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	20.4			mg/Kg	0.115	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	31.4			mg/Kg	0.107	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	34200			mg/Kg	2.190	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	9.800			mg/Kg	0.115	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	7370			mg/Kg	1.420	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	733			mg/Kg	0.049	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.004	U		mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	31.4			mg/Kg	0.099	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	4830			mg/Kg	18.1	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.148	U		mg/Kg	0.148	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	1.530		N	mg/Kg	0.148	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	23.7	U	N	mg/Kg	23.7	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.550	U	N	mg/Kg	1.550	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	49.8			mg/Kg	0.123	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	132			mg/Kg	0.880	1	8/23/2007	8/28/2007	EPA SW-846 6010

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E7 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-17**	**Matrix:**	**SOIL**
		% Solids:	**93.70**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	8550		mg/Kg	0.633	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.242	U	mg/Kg	0.242	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	2.440	N	mg/Kg	0.142	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	72.7	N	mg/Kg	0.107	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.591	N	mg/Kg	0.007	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.804	N	mg/Kg	0.043	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	5810		mg/Kg	1.220	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	21.7		mg/Kg	0.078	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	11.9		mg/Kg	0.100	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	69.1		mg/Kg	0.092	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	22800		mg/Kg	1.900	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	58.1		mg/Kg	0.100	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	4440		mg/Kg	1.230	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	641		mg/Kg	0.043	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.041		mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	19.3		mg/Kg	0.085	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	2620		mg/Kg	15.6	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.128	U	mg/Kg	0.128	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	1.070	N	mg/Kg	0.128	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	112	N	mg/Kg	20.6	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.340	U N	mg/Kg	1.340	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	27.9		mg/Kg	0.107	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	184		mg/Kg	0.761	1	8/23/2007	8/28/2007	EPA SW-846 6010

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E12 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-19**	**Matrix:**	**SOIL**
		% Solids:	**91.80**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	9340			mg/Kg	0.638	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.244	U		mg/Kg	0.244	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	4.770		N	mg/Kg	0.143	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	82.2		N	mg/Kg	0.107	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.490		N	mg/Kg	0.007	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	1.900		N	mg/Kg	0.043	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	1570			mg/Kg	1.230	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	25.3			mg/Kg	0.079	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	8.240			mg/Kg	0.100	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	78.9			mg/Kg	0.093	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	34300			mg/Kg	1.910	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	380			mg/Kg	0.100	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	4720			mg/Kg	1.240	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	258			mg/Kg	0.043	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.004	J		mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	16.8			mg/Kg	0.086	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	2700			mg/Kg	15.7	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.129	U		mg/Kg	0.129	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	1.860		N	mg/Kg	0.129	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	178		N	mg/Kg	20.7	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.350	U	N	mg/Kg	1.350	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	33.0			mg/Kg	0.107	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	542			mg/Kg	0.767	1	8/23/2007	8/28/2007	EPA SW-846 6010

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E12 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-20**	**Matrix:**	**SOIL**
		% Solids:	**75.80**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	25200		mg/Kg	0.783	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.299	U	mg/Kg	0.299	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	0.967	N	mg/Kg	0.176	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	221	N	mg/Kg	0.132	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	1.380	N	mg/Kg	0.009	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	1.670	N	mg/Kg	0.053	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	1720		mg/Kg	1.500	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	77.0		mg/Kg	0.097	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	27.1		mg/Kg	0.123	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	53.8		mg/Kg	0.114	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	44300		mg/Kg	2.350	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	14.9		mg/Kg	0.123	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	11600		mg/Kg	1.520	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	921		mg/Kg	0.053	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	1.8	D	mg/Kg	0.017	4	8/23/2007	8/30/2007	EPA SW-846 7471
7440-02-0	Nickel	51.5		mg/Kg	0.106	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	9023.8	OR	mg/Kg	19.31	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.158	U	mg/Kg	0.158	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	2.260	N	mg/Kg	0.158	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	274	N	mg/Kg	25.4	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.660	U N	mg/Kg	1.660	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	73.0		mg/Kg	0.132	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	279		mg/Kg	0.941	1	8/23/2007	8/28/2007	EPA SW-846 6010

Comments:

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	
Project:		**Date Received:**	
Client Sample ID:	**Y4128-20DL**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-20DL**	**Matrix:**	**SOIL**
		% Solids:	**75.80**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	25100		D	mg/Kg	7.830	10	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	2.990	U	D	mg/Kg	2.990	10	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	1.760	U	ND	mg/Kg	1.760	10	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	216		ND	mg/Kg	1.320	10	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	1.310	J	ND	mg/Kg	0.088	10	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.528	U	ND	mg/Kg	0.528	10	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	1860		D	mg/Kg	15.0	10	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	80.4		D	mg/Kg	0.967	10	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	27.8		D	mg/Kg	1.230	10	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	53.0		D	mg/Kg	1.140	10	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	47800		D	mg/Kg	23.5	10	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	10.5		D	mg/Kg	1.230	10	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	11900		D	mg/Kg	15.2	10	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	1010		D	mg/Kg	0.528	10	8/23/2007	8/28/2007	EPA SW-846 6010
7440-02-0	Nickel	51.4		D	mg/Kg	1.060	10	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	6130		D	mg/Kg	193	10	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	1.580	U	D	mg/Kg	1.580	10	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	2.210	J	ND	mg/Kg	1.580	10	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	254	U	ND	mg/Kg	254	10	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	16.6	U	ND	mg/Kg	16.6	10	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	74.5		D	mg/Kg	1.320	10	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	298		D	mg/Kg	9.410	10	8/23/2007	8/28/2007	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E4 (0-4)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-21**	**Matrix:**	**SOIL**
		% Solids:	**87.70**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	8630			mg/Kg	0.677	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.258	U		mg/Kg	0.258	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	6.050		N	mg/Kg	0.152	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	60.2		N	mg/Kg	0.114	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.479		N	mg/Kg	0.008	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.300	J	N	mg/Kg	0.046	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	2120			mg/Kg	1.300	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	13.3			mg/Kg	0.084	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	8.440			mg/Kg	0.106	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	17.2			mg/Kg	0.099	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	19800			mg/Kg	2.030	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	80.0			mg/Kg	0.106	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	3100			mg/Kg	1.320	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	477			mg/Kg	0.046	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.004	U		mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	14.8			mg/Kg	0.091	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	912			mg/Kg	16.7	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.137	U		mg/Kg	0.137	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	0.867		N	mg/Kg	0.137	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	22.0	U	N	mg/Kg	22.0	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.440	U	N	mg/Kg	1.440	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	21.3			mg/Kg	0.114	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	83.7			mg/Kg	0.813	1	8/23/2007	8/28/2007	EPA SW-846 6010

Comments:

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B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E4 (8-12)**	**SDG No.:**	**Y4128**
Lab Sample ID:	**Y4128-22**	**Matrix:**	**SOIL**
		% Solids:	**77.80**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	17800			mg/Kg	0.763	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.291	U		mg/Kg	0.291	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	1.380		N	mg/Kg	0.171	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	145		N	mg/Kg	0.129	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	1.010		N	mg/Kg	0.009	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.803	J	N	mg/Kg	0.051	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	2130			mg/Kg	1.470	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	43.4			mg/Kg	0.094	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	19.3			mg/Kg	0.120	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	32.8			mg/Kg	0.111	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	34000			mg/Kg	2.290	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	11.6			mg/Kg	0.120	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	8670			mg/Kg	1.480	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	837			mg/Kg	0.051	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.249			mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	37.7			mg/Kg	0.103	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	4820			mg/Kg	18.8	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.154	U		mg/Kg	0.154	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	1.720		N	mg/Kg	0.154	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	113		N	mg/Kg	24.8	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.620	U	N	mg/Kg	1.620	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	49.3			mg/Kg	0.129	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	125			mg/Kg	0.917	1	8/23/2007	8/28/2007	EPA SW-846 6010

Comments:

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B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: Y4128 Order ID: Y4128

Client: Environmental Business Consultants Project ID: 49 Dupont Street

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	E1 (0-4)							
Y4128-01	E1 (0-4)	SOIL	Aluminum	12000		3.810	0.679	mg/Kg
Y4128-01	E1 (0-4)	SOIL	Arsenic	3.080		0.763	0.153	mg/Kg
Y4128-01	E1 (0-4)	SOIL	Barium	23.2		3.810	0.114	mg/Kg
Y4128-01	E1 (0-4)	SOIL	Beryllium	0.486		0.229	0.008	mg/Kg
Y4128-01	E1 (0-4)	SOIL	Cadmium	0.652	J	0.763	0.046	mg/Kg
Y4128-01	E1 (0-4)	SOIL	Calcium	815		76.3	1.300	mg/Kg
Y4128-01	E1 (0-4)	SOIL	Chromium	14.3		0.381	0.084	mg/Kg
Y4128-01	E1 (0-4)	SOIL	Cobalt	8.400		1.140	0.107	mg/Kg
Y4128-01	E1 (0-4)	SOIL	Copper	23.6		0.763	0.099	mg/Kg
Y4128-01	E1 (0-4)	SOIL	Iron	21400		3.810	2.040	mg/Kg
Y4128-01	E1 (0-4)	SOIL	Lead	9.000		0.458	0.107	mg/Kg
Y4128-01	E1 (0-4)	SOIL	Magnesium	3900		76.3	1.320	mg/Kg
Y4128-01	E1 (0-4)	SOIL	Manganese	555		0.763	0.046	mg/Kg
Y4128-01	E1 (0-4)	SOIL	Mercury	0.012		0.011	0.004	mg/Kg
Y4128-01	E1 (0-4)	SOIL	Nickel	19.9		1.530	0.092	mg/Kg
Y4128-01	E1 (0-4)	SOIL	Potassium	885		153	16.8	mg/Kg
Y4128-01	E1 (0-4)	SOIL	Silver	0.423		0.381	0.137	mg/Kg
Y4128-01	E1 (0-4)	SOIL	Sodium	124		76.3	22.0	mg/Kg
Y4128-01	E1 (0-4)	SOIL	Vanadium	20.8		1.530	0.114	mg/Kg
Y4128-01	E1 (0-4)	SOIL	Zinc	169		1.530	0.816	mg/Kg
Client ID:	E1 (8-12)							
Y4128-02	E1 (8-12)	SOIL	Aluminum	8060		4.170	0.742	mg/Kg
Y4128-02	E1 (8-12)	SOIL	Arsenic	1.160		0.833	0.167	mg/Kg
Y4128-02	E1 (8-12)	SOIL	Barium	34.6		4.170	0.125	mg/Kg
Y4128-02	E1 (8-12)	SOIL	Beryllium	0.423		0.250	0.008	mg/Kg
Y4128-02	E1 (8-12)	SOIL	Cadmium	0.154	J	0.833	0.050	mg/Kg
Y4128-02	E1 (8-12)	SOIL	Calcium	1210		83.3	1.420	mg/Kg
Y4128-02	E1 (8-12)	SOIL	Chromium	16.0		0.417	0.092	mg/Kg
Y4128-02	E1 (8-12)	SOIL	Cobalt	5.550		1.250	0.117	mg/Kg
Y4128-02	E1 (8-12)	SOIL	Copper	10.0		0.833	0.108	mg/Kg
Y4128-02	E1 (8-12)	SOIL	Iron	11700		4.170	2.220	mg/Kg
Y4128-02	E1 (8-12)	SOIL	Lead	6.690		0.500	0.117	mg/Kg
Y4128-02	E1 (8-12)	SOIL	Magnesium	2670		83.3	1.440	mg/Kg
Y4128-02	E1 (8-12)	SOIL	Manganese	107		0.833	0.050	mg/Kg
Y4128-02	E1 (8-12)	SOIL	Mercury	0.005	J	0.012	0.004	mg/Kg
Y4128-02	E1 (8-12)	SOIL	Nickel	14.7		1.670	0.100	mg/Kg
Y4128-02	E1 (8-12)	SOIL	Potassium	1120		167	18.3	mg/Kg
Y4128-02	E1 (8-12)	SOIL	Sodium	38.3	J	83.3	24.1	mg/Kg
Y4128-02	E1 (8-12)	SOIL	Vanadium	16.8		1.670	0.125	mg/Kg
Y4128-02	E1 (8-12)	SOIL	Zinc	48.0		1.670	0.892	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: Y4128 **Order ID:** Y4128

Client: Environmental Business Consultants **Project ID:** 49 Dupont Street

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**E2(0-4)**							
Y4128-03	E2(0-4)	SOIL	Aluminum	14500		3.930	0.700	mg/Kg
Y4128-03	E2(0-4)	SOIL	Arsenic	3.540		0.786	0.157	mg/Kg
Y4128-03	E2(0-4)	SOIL	Barium	38.4		3.930	0.118	mg/Kg
Y4128-03	E2(0-4)	SOIL	Beryllium	0.575		0.236	0.008	mg/Kg
Y4128-03	E2(0-4)	SOIL	Cadmium	0.790		0.786	0.047	mg/Kg
Y4128-03	E2(0-4)	SOIL	Calcium	1170		78.6	1.340	mg/Kg
Y4128-03	E2(0-4)	SOIL	Chromium	18.8		0.393	0.086	mg/Kg
Y4128-03	E2(0-4)	SOIL	Cobalt	14.4		1.180	0.110	mg/Kg
Y4128-03	E2(0-4)	SOIL	Copper	24.3		0.786	0.102	mg/Kg
Y4128-03	E2(0-4)	SOIL	Iron	23200		3.930	2.100	mg/Kg
Y4128-03	E2(0-4)	SOIL	Lead	25.8		0.472	0.110	mg/Kg
Y4128-03	E2(0-4)	SOIL	Magnesium	3900		78.6	1.360	mg/Kg
Y4128-03	E2(0-4)	SOIL	Manganese	620		0.786	0.047	mg/Kg
Y4128-03	E2(0-4)	SOIL	Mercury	0.029		0.012	0.004	mg/Kg
Y4128-03	E2(0-4)	SOIL	Nickel	21.4		1.570	0.094	mg/Kg
Y4128-03	E2(0-4)	SOIL	Potassium	945		157	17.3	mg/Kg
Y4128-03	E2(0-4)	SOIL	Silver	0.445		0.393	0.142	mg/Kg
Y4128-03	E2(0-4)	SOIL	Sodium	154		78.6	22.7	mg/Kg
Y4128-03	E2(0-4)	SOIL	Vanadium	25.1		1.570	0.118	mg/Kg
Y4128-03	E2(0-4)	SOIL	Zinc	164		1.570	0.841	mg/Kg
Client ID:	**E2(8-12)**							
Y4128-06	E2(8-12)	SOIL	Aluminum	7430		4.090	0.729	mg/Kg
Y4128-06	E2(8-12)	SOIL	Arsenic	1.470		0.819	0.164	mg/Kg
Y4128-06	E2(8-12)	SOIL	Barium	40.8		4.090	0.123	mg/Kg
Y4128-06	E2(8-12)	SOIL	Beryllium	0.476		0.246	0.008	mg/Kg
Y4128-06	E2(8-12)	SOIL	Cadmium	0.346	J	0.819	0.049	mg/Kg
Y4128-06	E2(8-12)	SOIL	Calcium	3260		81.9	1.400	mg/Kg
Y4128-06	E2(8-12)	SOIL	Chromium	18.4		0.409	0.090	mg/Kg
Y4128-06	E2(8-12)	SOIL	Cobalt	8.640		1.230	0.115	mg/Kg
Y4128-06	E2(8-12)	SOIL	Copper	15.6		0.819	0.106	mg/Kg
Y4128-06	E2(8-12)	SOIL	Iron	16200		4.090	2.190	mg/Kg
Y4128-06	E2(8-12)	SOIL	Lead	8.920		0.491	0.115	mg/Kg
Y4128-06	E2(8-12)	SOIL	Magnesium	3270		81.9	1.420	mg/Kg
Y4128-06	E2(8-12)	SOIL	Manganese	175		0.819	0.049	mg/Kg
Y4128-06	E2(8-12)	SOIL	Mercury	0.012	J	0.012	0.004	mg/Kg
Y4128-06	E2(8-12)	SOIL	Nickel	17.1		1.640	0.098	mg/Kg
Y4128-06	E2(8-12)	SOIL	Potassium	1440		164	18.0	mg/Kg
Y4128-06	E2(8-12)	SOIL	Silver	0.160	J	0.409	0.147	mg/Kg
Y4128-06	E2(8-12)	SOIL	Sodium	104		81.9	23.6	mg/Kg
Y4128-06	E2(8-12)	SOIL	Vanadium	24.1		1.640	0.123	mg/Kg
Y4128-06	E2(8-12)	SOIL	Zinc	60.2		1.640	0.876	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: Y4128 **Order ID:** Y4128

Client: Environmental Business Consultants **Project ID:** 49 Dupont Street

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**E3 (0-4)**							
Y4128-07	E3 (0-4)	SOIL	Aluminum	15800		3.980	0.709	mg/Kg
Y4128-07	E3 (0-4)	SOIL	Arsenic	3.330		0.796	0.159	mg/Kg
Y4128-07	E3 (0-4)	SOIL	Barium	61.4		3.980	0.119	mg/Kg
Y4128-07	E3 (0-4)	SOIL	Beryllium	0.577		0.239	0.008	mg/Kg
Y4128-07	E3 (0-4)	SOIL	Cadmium	0.565	J	0.796	0.048	mg/Kg
Y4128-07	E3 (0-4)	SOIL	Calcium	1040		79.6	1.360	mg/Kg
Y4128-07	E3 (0-4)	SOIL	Chromium	21.5		0.398	0.088	mg/Kg
Y4128-07	E3 (0-4)	SOIL	Cobalt	12.2		1.190	0.112	mg/Kg
Y4128-07	E3 (0-4)	SOIL	Copper	19.5		0.796	0.104	mg/Kg
Y4128-07	E3 (0-4)	SOIL	Iron	23200		3.980	2.130	mg/Kg
Y4128-07	E3 (0-4)	SOIL	Lead	18.2		0.478	0.112	mg/Kg
Y4128-07	E3 (0-4)	SOIL	Magnesium	4140		79.6	1.380	mg/Kg
Y4128-07	E3 (0-4)	SOIL	Manganese	229		0.796	0.048	mg/Kg
Y4128-07	E3 (0-4)	SOIL	Mercury	0.048		0.012	0.004	mg/Kg
Y4128-07	E3 (0-4)	SOIL	Nickel	20.9		1.590	0.096	mg/Kg
Y4128-07	E3 (0-4)	SOIL	Potassium	1150		159	17.5	mg/Kg
Y4128-07	E3 (0-4)	SOIL	Silver	0.535		0.398	0.143	mg/Kg
Y4128-07	E3 (0-4)	SOIL	Sodium	76.5	J	79.6	23.0	mg/Kg
Y4128-07	E3 (0-4)	SOIL	Vanadium	26.4		1.590	0.119	mg/Kg
Y4128-07	E3 (0-4)	SOIL	Zinc	87.3		1.590	0.852	mg/Kg
Client ID:	**E3 (8-12)**							
Y4128-08	E3 (8-12)	SOIL	Aluminum	6250		4.070	0.724	mg/Kg
Y4128-08	E3 (8-12)	SOIL	Arsenic	5.960		0.813	0.163	mg/Kg
Y4128-08	E3 (8-12)	SOIL	Barium	18.6		4.070	0.122	mg/Kg
Y4128-08	E3 (8-12)	SOIL	Beryllium	0.576		0.244	0.008	mg/Kg
Y4128-08	E3 (8-12)	SOIL	Cadmium	0.340	J	0.813	0.049	mg/Kg
Y4128-08	E3 (8-12)	SOIL	Calcium	993		81.3	1.390	mg/Kg
Y4128-08	E3 (8-12)	SOIL	Chromium	13.1		0.407	0.089	mg/Kg
Y4128-08	E3 (8-12)	SOIL	Cobalt	11.3		1.220	0.114	mg/Kg
Y4128-08	E3 (8-12)	SOIL	Copper	10.9		0.813	0.106	mg/Kg
Y4128-08	E3 (8-12)	SOIL	Iron	17900		4.070	2.170	mg/Kg
Y4128-08	E3 (8-12)	SOIL	Lead	8.190		0.488	0.114	mg/Kg
Y4128-08	E3 (8-12)	SOIL	Magnesium	2020		81.3	1.410	mg/Kg
Y4128-08	E3 (8-12)	SOIL	Manganese	175		0.813	0.049	mg/Kg
Y4128-08	E3 (8-12)	SOIL	Mercury	0.015		0.012	0.004	mg/Kg
Y4128-08	E3 (8-12)	SOIL	Nickel	13.8		1.630	0.098	mg/Kg
Y4128-08	E3 (8-12)	SOIL	Potassium	665		163	17.9	mg/Kg
Y4128-08	E3 (8-12)	SOIL	Silver	0.430		0.407	0.146	mg/Kg
Y4128-08	E3 (8-12)	SOIL	Vanadium	17.9		1.630	0.122	mg/Kg
Y4128-08	E3 (8-12)	SOIL	Zinc	61.9		1.630	0.870	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: Y4128 **Order ID:** Y4128

Client: Environmental Business Consultants **Project ID:** 49 Dupont Street

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**E6 (0-4)**							
Y4128-09	E6 (0-4)	SOIL	Aluminum	5650		3.580	0.638	mg/Kg
Y4128-09	E6 (0-4)	SOIL	Arsenic	4.970		0.717	0.143	mg/Kg
Y4128-09	E6 (0-4)	SOIL	Barium	21.2		3.580	0.108	mg/Kg
Y4128-09	E6 (0-4)	SOIL	Beryllium	0.457		0.215	0.007	mg/Kg
Y4128-09	E6 (0-4)	SOIL	Cadmium	0.318	J	0.717	0.043	mg/Kg
Y4128-09	E6 (0-4)	SOIL	Calcium	487		71.7	1.230	mg/Kg
Y4128-09	E6 (0-4)	SOIL	Chromium	10.9		0.358	0.079	mg/Kg
Y4128-09	E6 (0-4)	SOIL	Cobalt	6.850		1.080	0.100	mg/Kg
Y4128-09	E6 (0-4)	SOIL	Copper	8.830		0.717	0.093	mg/Kg
Y4128-09	E6 (0-4)	SOIL	Iron	15700		3.580	1.910	mg/Kg
Y4128-09	E6 (0-4)	SOIL	Lead	6.280		0.430	0.100	mg/Kg
Y4128-09	E6 (0-4)	SOIL	Magnesium	1940		71.7	1.240	mg/Kg
Y4128-09	E6 (0-4)	SOIL	Manganese	360		0.717	0.043	mg/Kg
Y4128-09	E6 (0-4)	SOIL	Mercury	0.008	J	0.011	0.004	mg/Kg
Y4128-09	E6 (0-4)	SOIL	Nickel	11.3		1.430	0.086	mg/Kg
Y4128-09	E6 (0-4)	SOIL	Potassium	718		143	15.7	mg/Kg
Y4128-09	E6 (0-4)	SOIL	Silver	0.307	J	0.358	0.129	mg/Kg
Y4128-09	E6 (0-4)	SOIL	Vanadium	18.3		1.430	0.108	mg/Kg
Y4128-09	E6 (0-4)	SOIL	Zinc	40.0		1.430	0.767	mg/Kg
Client ID:	**E6 (8-12)**							
Y4128-10	E6 (8-12)	SOIL	Aluminum	12200		3.870	0.688	mg/Kg
Y4128-10	E6 (8-12)	SOIL	Arsenic	0.457	J	0.773	0.155	mg/Kg
Y4128-10	E6 (8-12)	SOIL	Barium	99.9		3.870	0.116	mg/Kg
Y4128-10	E6 (8-12)	SOIL	Beryllium	0.604		0.232	0.008	mg/Kg
Y4128-10	E6 (8-12)	SOIL	Cadmium	1.060		0.773	0.046	mg/Kg
Y4128-10	E6 (8-12)	SOIL	Calcium	826		77.3	1.320	mg/Kg
Y4128-10	E6 (8-12)	SOIL	Chromium	31.6		0.387	0.085	mg/Kg
Y4128-10	E6 (8-12)	SOIL	Cobalt	8.800		1.160	0.108	mg/Kg
Y4128-10	E6 (8-12)	SOIL	Copper	27.8		0.773	0.101	mg/Kg
Y4128-10	E6 (8-12)	SOIL	Iron	31900		3.870	2.060	mg/Kg
Y4128-10	E6 (8-12)	SOIL	Lead	8.230		0.464	0.108	mg/Kg
Y4128-10	E6 (8-12)	SOIL	Magnesium	6600		77.3	1.340	mg/Kg
Y4128-10	E6 (8-12)	SOIL	Manganese	203		0.773	0.046	mg/Kg
Y4128-10	E6 (8-12)	SOIL	Mercury	0.009	J	0.011	0.004	mg/Kg
Y4128-10	E6 (8-12)	SOIL	Nickel	21.7		1.550	0.093	mg/Kg
Y4128-10	E6 (8-12)	SOIL	Potassium	3940		155	17.0	mg/Kg
Y4128-10	E6 (8-12)	SOIL	Silver	0.506		0.387	0.139	mg/Kg
Y4128-10	E6 (8-12)	SOIL	Vanadium	45.6		1.550	0.116	mg/Kg
Y4128-10	E6 (8-12)	SOIL	Zinc	135		1.550	0.828	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
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SDG No.: Y4128 **Order ID:** Y4128

Client: Environmental Business Consultants **Project ID:** 49 Dupont Street

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**E13 (0-4)**							
Y4128-11	E13 (0-4)	SOIL	Aluminum	12600		3.960	0.706	mg/Kg
Y4128-11	E13 (0-4)	SOIL	Arsenic	7.810		0.793	0.159	mg/Kg
Y4128-11	E13 (0-4)	SOIL	Barium	40.0		3.960	0.119	mg/Kg
Y4128-11	E13 (0-4)	SOIL	Beryllium	0.614		0.238	0.008	mg/Kg
Y4128-11	E13 (0-4)	SOIL	Cadmium	0.669	J	0.793	0.048	mg/Kg
Y4128-11	E13 (0-4)	SOIL	Calcium	1120		79.3	1.360	mg/Kg
Y4128-11	E13 (0-4)	SOIL	Chromium	17.4		0.396	0.087	mg/Kg
Y4128-11	E13 (0-4)	SOIL	Cobalt	10.9		1.190	0.111	mg/Kg
Y4128-11	E13 (0-4)	SOIL	Copper	23.0		0.793	0.103	mg/Kg
Y4128-11	E13 (0-4)	SOIL	Iron	25200		3.960	2.120	mg/Kg
Y4128-11	E13 (0-4)	SOIL	Lead	23.6		0.476	0.111	mg/Kg
Y4128-11	E13 (0-4)	SOIL	Magnesium	3790		79.3	1.370	mg/Kg
Y4128-11	E13 (0-4)	SOIL	Manganese	593		0.793	0.048	mg/Kg
Y4128-11	E13 (0-4)	SOIL	Mercury	0.038		0.012	0.004	mg/Kg
Y4128-11	E13 (0-4)	SOIL	Nickel	16.9		1.590	0.095	mg/Kg
Y4128-11	E13 (0-4)	SOIL	Potassium	1260		159	17.4	mg/Kg
Y4128-11	E13 (0-4)	SOIL	Silver	0.618		0.396	0.143	mg/Kg
Y4128-11	E13 (0-4)	SOIL	Sodium	119		79.3	22.9	mg/Kg
Y4128-11	E13 (0-4)	SOIL	Vanadium	26.8		1.590	0.119	mg/Kg
Y4128-11	E13 (0-4)	SOIL	Zinc	82.0		1.590	0.848	mg/Kg
Client ID:	**E13 (8-12)**							
Y4128-12	E13 (8-12)	SOIL	Aluminum	8150		4.260	0.759	mg/Kg
Y4128-12	E13 (8-12)	SOIL	Arsenic	5.090		0.853	0.171	mg/Kg
Y4128-12	E13 (8-12)	SOIL	Barium	45.6		4.260	0.128	mg/Kg
Y4128-12	E13 (8-12)	SOIL	Beryllium	0.536		0.256	0.009	mg/Kg
Y4128-12	E13 (8-12)	SOIL	Cadmium	0.607	J	0.853	0.051	mg/Kg
Y4128-12	E13 (8-12)	SOIL	Calcium	2330		85.3	1.460	mg/Kg
Y4128-12	E13 (8-12)	SOIL	Chromium	16.0		0.426	0.094	mg/Kg
Y4128-12	E13 (8-12)	SOIL	Cobalt	10.0		1.280	0.119	mg/Kg
Y4128-12	E13 (8-12)	SOIL	Copper	15.9		0.853	0.111	mg/Kg
Y4128-12	E13 (8-12)	SOIL	Iron	20800		4.260	2.280	mg/Kg
Y4128-12	E13 (8-12)	SOIL	Lead	19.8		0.512	0.119	mg/Kg
Y4128-12	E13 (8-12)	SOIL	Magnesium	2950		85.3	1.470	mg/Kg
Y4128-12	E13 (8-12)	SOIL	Manganese	720		0.853	0.051	mg/Kg
Y4128-12	E13 (8-12)	SOIL	Mercury	0.007	J	0.013	0.004	mg/Kg
Y4128-12	E13 (8-12)	SOIL	Nickel	18.7		1.710	0.102	mg/Kg
Y4128-12	E13 (8-12)	SOIL	Potassium	1220		171	18.7	mg/Kg
Y4128-12	E13 (8-12)	SOIL	Silver	0.298	J	0.426	0.153	mg/Kg
Y4128-12	E13 (8-12)	SOIL	Sodium	106		85.3	24.6	mg/Kg
Y4128-12	E13 (8-12)	SOIL	Vanadium	24.8		1.710	0.128	mg/Kg
Y4128-12	E13 (8-12)	SOIL	Zinc	140		1.710	0.912	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
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SDG No.: Y4128 **Order ID:** Y4128

Client: Environmental Business Consultants **Project ID:** 49 Dupont Street

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**E7 (0-4)**							
Y4128-17	E7 (0-4)	SOIL	Aluminum	8550		3.560	0.633	mg/Kg
Y4128-17	E7 (0-4)	SOIL	Arsenic	2.440		0.711	0.142	mg/Kg
Y4128-17	E7 (0-4)	SOIL	Barium	72.7		3.560	0.107	mg/Kg
Y4128-17	E7 (0-4)	SOIL	Beryllium	0.591		0.213	0.007	mg/Kg
Y4128-17	E7 (0-4)	SOIL	Cadmium	0.804		0.711	0.043	mg/Kg
Y4128-17	E7 (0-4)	SOIL	Calcium	5810		71.1	1.220	mg/Kg
Y4128-17	E7 (0-4)	SOIL	Chromium	21.7		0.356	0.078	mg/Kg
Y4128-17	E7 (0-4)	SOIL	Cobalt	11.9		1.070	0.100	mg/Kg
Y4128-17	E7 (0-4)	SOIL	Copper	69.1		0.711	0.092	mg/Kg
Y4128-17	E7 (0-4)	SOIL	Iron	22800		3.560	1.900	mg/Kg
Y4128-17	E7 (0-4)	SOIL	Lead	58.1		0.427	0.100	mg/Kg
Y4128-17	E7 (0-4)	SOIL	Magnesium	4440		71.1	1.230	mg/Kg
Y4128-17	E7 (0-4)	SOIL	Manganese	641		0.711	0.043	mg/Kg
Y4128-17	E7 (0-4)	SOIL	Mercury	0.041		0.011	0.004	mg/Kg
Y4128-17	E7 (0-4)	SOIL	Nickel	19.3		1.420	0.085	mg/Kg
Y4128-17	E7 (0-4)	SOIL	Potassium	2620		142	15.6	mg/Kg
Y4128-17	E7 (0-4)	SOIL	Silver	1.070		0.356	0.128	mg/Kg
Y4128-17	E7 (0-4)	SOIL	Sodium	112		71.1	20.6	mg/Kg
Y4128-17	E7 (0-4)	SOIL	Vanadium	27.9		1.420	0.107	mg/Kg
Y4128-17	E7 (0-4)	SOIL	Zinc	184		1.420	0.761	mg/Kg
Client ID:	**Y4128-20DL**							
Y4128-20DL	Y4128-20DL	SOIL	Aluminum	25100		44.0	7.830	mg/Kg
Y4128-20DL	Y4128-20DL	SOIL	Barium	216		44.0	1.320	mg/Kg
Y4128-20DL	Y4128-20DL	SOIL	Beryllium	1.310	J	2.640	0.088	mg/Kg
Y4128-20DL	Y4128-20DL	SOIL	Calcium	1860		880	15.0	mg/Kg
Y4128-20DL	Y4128-20DL	SOIL	Chromium	80.4		4.400	0.967	mg/Kg
Y4128-20DL	Y4128-20DL	SOIL	Cobalt	27.8		13.2	1.230	mg/Kg
Y4128-20DL	Y4128-20DL	SOIL	Copper	53.0		8.800	1.140	mg/Kg
Y4128-20DL	Y4128-20DL	SOIL	Iron	47800		44.0	23.5	mg/Kg
Y4128-20DL	Y4128-20DL	SOIL	Lead	10.5		5.280	1.230	mg/Kg
Y4128-20DL	Y4128-20DL	SOIL	Magnesium	11900		880	15.2	mg/Kg
Y4128-20DL	Y4128-20DL	SOIL	Manganese	1010		8.800	0.528	mg/Kg
Y4128-20DL	Y4128-20DL	SOIL	Nickel	51.4		17.6	1.060	mg/Kg
Y4128-20DL	Y4128-20DL	SOIL	Potassium	6130		1760	193	mg/Kg
Y4128-20DL	Y4128-20DL	SOIL	Silver	2.210	J	4.400	1.580	mg/Kg
Y4128-20DL	Y4128-20DL	SOIL	Vanadium	74.5		17.6	1.320	mg/Kg
Y4128-20DL	Y4128-20DL	SOIL	Zinc	298		17.6	9.410	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
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SDG No.: Y4128 **Order ID:** Y4128

Client: Environmental Business Consultants **Project ID:** 49 Dupont Street

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**E12 (0-4)**							
Y4128-19	E12 (0-4)	SOIL	Aluminum	9340		3.580	0.638	mg/Kg
Y4128-19	E12 (0-4)	SOIL	Arsenic	4.770		0.717	0.143	mg/Kg
Y4128-19	E12 (0-4)	SOIL	Barium	82.2		3.580	0.107	mg/Kg
Y4128-19	E12 (0-4)	SOIL	Beryllium	0.490		0.215	0.007	mg/Kg
Y4128-19	E12 (0-4)	SOIL	Cadmium	1.900		0.717	0.043	mg/Kg
Y4128-19	E12 (0-4)	SOIL	Calcium	1570		71.7	1.230	mg/Kg
Y4128-19	E12 (0-4)	SOIL	Chromium	25.3		0.358	0.079	mg/Kg
Y4128-19	E12 (0-4)	SOIL	Cobalt	8.240		1.070	0.100	mg/Kg
Y4128-19	E12 (0-4)	SOIL	Copper	78.9		0.717	0.093	mg/Kg
Y4128-19	E12 (0-4)	SOIL	Iron	34300		3.580	1.910	mg/Kg
Y4128-19	E12 (0-4)	SOIL	Lead	380		0.430	0.100	mg/Kg
Y4128-19	E12 (0-4)	SOIL	Magnesium	4720		71.7	1.240	mg/Kg
Y4128-19	E12 (0-4)	SOIL	Manganese	258		0.717	0.043	mg/Kg
Y4128-19	E12 (0-4)	SOIL	Mercury	0.004	J	0.011	0.004	mg/Kg
Y4128-19	E12 (0-4)	SOIL	Nickel	16.8		1.430	0.086	mg/Kg
Y4128-19	E12 (0-4)	SOIL	Potassium	2700		143	15.7	mg/Kg
Y4128-19	E12 (0-4)	SOIL	Silver	1.860		0.358	0.129	mg/Kg
Y4128-19	E12 (0-4)	SOIL	Sodium	178		71.7	20.7	mg/Kg
Y4128-19	E12 (0-4)	SOIL	Vanadium	33.0		1.430	0.107	mg/Kg
Y4128-19	E12 (0-4)	SOIL	Zinc	542		1.430	0.767	mg/Kg
Client ID:	**E12 (8-12)**							
Y4128-20	E12 (8-12)	SOIL	Aluminum	25200		4.400	0.783	mg/Kg
Y4128-20	E12 (8-12)	SOIL	Arsenic	0.967		0.880	0.176	mg/Kg
Y4128-20	E12 (8-12)	SOIL	Barium	221		4.400	0.132	mg/Kg
Y4128-20	E12 (8-12)	SOIL	Beryllium	1.380		0.264	0.009	mg/Kg
Y4128-20	E12 (8-12)	SOIL	Cadmium	1.670		0.880	0.053	mg/Kg
Y4128-20	E12 (8-12)	SOIL	Calcium	1720		88.0	1.500	mg/Kg
Y4128-20	E12 (8-12)	SOIL	Chromium	77.0		0.440	0.097	mg/Kg
Y4128-20	E12 (8-12)	SOIL	Cobalt	27.1		1.320	0.123	mg/Kg
Y4128-20	E12 (8-12)	SOIL	Copper	53.8		0.880	0.114	mg/Kg
Y4128-20	E12 (8-12)	SOIL	Iron	44300		4.400	2.350	mg/Kg
Y4128-20	E12 (8-12)	SOIL	Lead	14.9		0.528	0.123	mg/Kg
Y4128-20	E12 (8-12)	SOIL	Magnesium	11600		88.0	1.520	mg/Kg
Y4128-20	E12 (8-12)	SOIL	Manganese	921		0.880	0.053	mg/Kg
Y4128-20	E12 (8-12)	SOIL	Mercury	1.8		0.053	0.017	mg/Kg
Y4128-20	E12 (8-12)	SOIL	Nickel	51.5		1.760	0.106	mg/Kg
Y4128-20	E12 (8-12)	SOIL	Potassium	9023.8	OR	175.901	19.31	mg/Kg
Y4128-20	E12 (8-12)	SOIL	Silver	2.260		0.440	0.158	mg/Kg
Y4128-20	E12 (8-12)	SOIL	Sodium	274		88.0	25.4	mg/Kg
Y4128-20	E12 (8-12)	SOIL	Vanadium	73.0		1.760	0.132	mg/Kg
Y4128-20	E12 (8-12)	SOIL	Zinc	279		1.760	0.941	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
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SDG No.: Y4128 **Order ID:** Y4128

Client: Environmental Business Consultants **Project ID:** 49 Dupont Street

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**E4 (0-4)**							
Y4128-21	E4 (0-4)	SOIL	Aluminum	8630		3.800	0.677	mg/Kg
Y4128-21	E4 (0-4)	SOIL	Arsenic	6.050		0.760	0.152	mg/Kg
Y4128-21	E4 (0-4)	SOIL	Barium	60.2		3.800	0.114	mg/Kg
Y4128-21	E4 (0-4)	SOIL	Beryllium	0.479		0.228	0.008	mg/Kg
Y4128-21	E4 (0-4)	SOIL	Cadmium	0.300	J	0.760	0.046	mg/Kg
Y4128-21	E4 (0-4)	SOIL	Calcium	2120		76.0	1.300	mg/Kg
Y4128-21	E4 (0-4)	SOIL	Chromium	13.3		0.380	0.084	mg/Kg
Y4128-21	E4 (0-4)	SOIL	Cobalt	8.440		1.140	0.106	mg/Kg
Y4128-21	E4 (0-4)	SOIL	Copper	17.2		0.760	0.099	mg/Kg
Y4128-21	E4 (0-4)	SOIL	Iron	19800		3.800	2.030	mg/Kg
Y4128-21	E4 (0-4)	SOIL	Lead	80.0		0.456	0.106	mg/Kg
Y4128-21	E4 (0-4)	SOIL	Magnesium	3100		76.0	1.320	mg/Kg
Y4128-21	E4 (0-4)	SOIL	Manganese	477		0.760	0.046	mg/Kg
Y4128-21	E4 (0-4)	SOIL	Nickel	14.8		1.520	0.091	mg/Kg
Y4128-21	E4 (0-4)	SOIL	Potassium	912		152	16.7	mg/Kg
Y4128-21	E4 (0-4)	SOIL	Silver	0.867		0.380	0.137	mg/Kg
Y4128-21	E4 (0-4)	SOIL	Vanadium	21.3		1.520	0.114	mg/Kg
Y4128-21	E4 (0-4)	SOIL	Zinc	83.7		1.520	0.813	mg/Kg
Client ID:	**E4 (8-12)**							
Y4128-22	E4 (8-12)	SOIL	Aluminum	17800		4.280	0.763	mg/Kg
Y4128-22	E4 (8-12)	SOIL	Arsenic	1.380		0.857	0.171	mg/Kg
Y4128-22	E4 (8-12)	SOIL	Barium	145		4.280	0.129	mg/Kg
Y4128-22	E4 (8-12)	SOIL	Beryllium	1.010		0.257	0.009	mg/Kg
Y4128-22	E4 (8-12)	SOIL	Cadmium	0.803	J	0.857	0.051	mg/Kg
Y4128-22	E4 (8-12)	SOIL	Calcium	2130		85.7	1.470	mg/Kg
Y4128-22	E4 (8-12)	SOIL	Chromium	43.4		0.428	0.094	mg/Kg
Y4128-22	E4 (8-12)	SOIL	Cobalt	19.3		1.290	0.120	mg/Kg
Y4128-22	E4 (8-12)	SOIL	Copper	32.8		0.857	0.111	mg/Kg
Y4128-22	E4 (8-12)	SOIL	Iron	34000		4.280	2.290	mg/Kg
Y4128-22	E4 (8-12)	SOIL	Lead	11.6		0.514	0.120	mg/Kg
Y4128-22	E4 (8-12)	SOIL	Magnesium	8670		85.7	1.480	mg/Kg
Y4128-22	E4 (8-12)	SOIL	Manganese	837		0.857	0.051	mg/Kg
Y4128-22	E4 (8-12)	SOIL	Mercury	0.249		0.013	0.004	mg/Kg
Y4128-22	E4 (8-12)	SOIL	Nickel	37.7		1.710	0.103	mg/Kg
Y4128-22	E4 (8-12)	SOIL	Potassium	4820		171	18.8	mg/Kg
Y4128-22	E4 (8-12)	SOIL	Silver	1.720		0.428	0.154	mg/Kg
Y4128-22	E4 (8-12)	SOIL	Sodium	113		85.7	24.8	mg/Kg
Y4128-22	E4 (8-12)	SOIL	Vanadium	49.3		1.710	0.129	mg/Kg
Y4128-22	E4 (8-12)	SOIL	Zinc	125		1.710	0.917	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: Y4128 **Order ID:** Y4128

Client: Environmental Business Consultants **Project ID:** 49 Dupont Street

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**E5 (0-4)**							
Y4128-13	E5 (0-4)	SOIL	Aluminum	13000		4.020	0.716	mg/Kg
Y4128-13	E5 (0-4)	SOIL	Arsenic	4.140		0.805	0.161	mg/Kg
Y4128-13	E5 (0-4)	SOIL	Barium	35.8		4.020	0.121	mg/Kg
Y4128-13	E5 (0-4)	SOIL	Beryllium	0.550		0.241	0.008	mg/Kg
Y4128-13	E5 (0-4)	SOIL	Cadmium	0.691	J	0.805	0.048	mg/Kg
Y4128-13	E5 (0-4)	SOIL	Calcium	537		80.5	1.380	mg/Kg
Y4128-13	E5 (0-4)	SOIL	Chromium	16.9		0.402	0.089	mg/Kg
Y4128-13	E5 (0-4)	SOIL	Cobalt	11.7		1.210	0.113	mg/Kg
Y4128-13	E5 (0-4)	SOIL	Copper	30.5		0.805	0.105	mg/Kg
Y4128-13	E5 (0-4)	SOIL	Iron	25400		4.020	2.150	mg/Kg
Y4128-13	E5 (0-4)	SOIL	Lead	26.0		0.483	0.113	mg/Kg
Y4128-13	E5 (0-4)	SOIL	Magnesium	4450		80.5	1.390	mg/Kg
Y4128-13	E5 (0-4)	SOIL	Manganese	620		0.805	0.048	mg/Kg
Y4128-13	E5 (0-4)	SOIL	Mercury	0.019		0.012	0.004	mg/Kg
Y4128-13	E5 (0-4)	SOIL	Nickel	21.3		1.610	0.097	mg/Kg
Y4128-13	E5 (0-4)	SOIL	Potassium	969		161	17.7	mg/Kg
Y4128-13	E5 (0-4)	SOIL	Silver	0.753		0.402	0.145	mg/Kg
Y4128-13	E5 (0-4)	SOIL	Vanadium	24.2		1.610	0.121	mg/Kg
Y4128-13	E5 (0-4)	SOIL	Zinc	91.2		1.610	0.861	mg/Kg
Client ID:	**E5 (8-12)**							
Y4128-14	E5 (8-12)	SOIL	Aluminum	4740		3.940	0.702	mg/Kg
Y4128-14	E5 (8-12)	SOIL	Arsenic	3.400		0.789	0.158	mg/Kg
Y4128-14	E5 (8-12)	SOIL	Barium	17.0		3.940	0.118	mg/Kg
Y4128-14	E5 (8-12)	SOIL	Beryllium	0.357		0.237	0.008	mg/Kg
Y4128-14	E5 (8-12)	SOIL	Cadmium	0.066	J	0.789	0.047	mg/Kg
Y4128-14	E5 (8-12)	SOIL	Calcium	463		78.9	1.350	mg/Kg
Y4128-14	E5 (8-12)	SOIL	Chromium	10.0		0.394	0.087	mg/Kg
Y4128-14	E5 (8-12)	SOIL	Cobalt	5.520		1.180	0.110	mg/Kg
Y4128-14	E5 (8-12)	SOIL	Copper	5.740		0.789	0.103	mg/Kg
Y4128-14	E5 (8-12)	SOIL	Iron	7730		3.940	2.110	mg/Kg
Y4128-14	E5 (8-12)	SOIL	Lead	5.220		0.473	0.110	mg/Kg
Y4128-14	E5 (8-12)	SOIL	Magnesium	1870		78.9	1.360	mg/Kg
Y4128-14	E5 (8-12)	SOIL	Manganese	111		0.789	0.047	mg/Kg
Y4128-14	E5 (8-12)	SOIL	Nickel	9.270		1.580	0.095	mg/Kg
Y4128-14	E5 (8-12)	SOIL	Potassium	877		158	17.3	mg/Kg
Y4128-14	E5 (8-12)	SOIL	Sodium	42.8	J	78.9	22.8	mg/Kg
Y4128-14	E5 (8-12)	SOIL	Vanadium	17.2		1.580	0.118	mg/Kg
Y4128-14	E5 (8-12)	SOIL	Zinc	49.3		1.580	0.844	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: Y4128 **Order ID:** Y4128

Client: Environmental Business Consultants **Project ID:** 49 Dupont Street

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**E14 (0-4)**							
Y4128-15	E14 (0-4)	SOIL	Aluminum	14500		3.790	0.675	mg/Kg
Y4128-15	E14 (0-4)	SOIL	Antimony	8.090		1.900	0.258	mg/Kg
Y4128-15	E14 (0-4)	SOIL	Arsenic	3.940		0.758	0.152	mg/Kg
Y4128-15	E14 (0-4)	SOIL	Barium	86.3		3.790	0.114	mg/Kg
Y4128-15	E14 (0-4)	SOIL	Beryllium	0.993		0.228	0.008	mg/Kg
Y4128-15	E14 (0-4)	SOIL	Cadmium	1.080		0.758	0.046	mg/Kg
Y4128-15	E14 (0-4)	SOIL	Calcium	1850		75.8	1.300	mg/Kg
Y4128-15	E14 (0-4)	SOIL	Chromium	24.4		0.379	0.083	mg/Kg
Y4128-15	E14 (0-4)	SOIL	Cobalt	18.0		1.140	0.106	mg/Kg
Y4128-15	E14 (0-4)	SOIL	Copper	30.4		0.758	0.099	mg/Kg
Y4128-15	E14 (0-4)	SOIL	Iron	29600		3.790	2.030	mg/Kg
Y4128-15	E14 (0-4)	SOIL	Lead	52.3		0.455	0.106	mg/Kg
Y4128-15	E14 (0-4)	SOIL	Magnesium	5330		75.8	1.310	mg/Kg
Y4128-15	E14 (0-4)	SOIL	Manganese	838		0.758	0.046	mg/Kg
Y4128-15	E14 (0-4)	SOIL	Mercury	0.010	J	0.011	0.004	mg/Kg
Y4128-15	E14 (0-4)	SOIL	Nickel	26.0		1.520	0.091	mg/Kg
Y4128-15	E14 (0-4)	SOIL	Potassium	2270		152	16.7	mg/Kg
Y4128-15	E14 (0-4)	SOIL	Silver	0.697		0.379	0.137	mg/Kg
Y4128-15	E14 (0-4)	SOIL	Sodium	76.0		75.8	21.9	mg/Kg
Y4128-15	E14 (0-4)	SOIL	Vanadium	38.9		1.520	0.114	mg/Kg
Y4128-15	E14 (0-4)	SOIL	Zinc	239		1.520	0.812	mg/Kg
Client ID:	**E14 (8-12)**							
Y4128-16	E14 (8-12)	SOIL	Aluminum	14300		4.110	0.732	mg/Kg
Y4128-16	E14 (8-12)	SOIL	Arsenic	0.413	J	0.822	0.164	mg/Kg
Y4128-16	E14 (8-12)	SOIL	Barium	116		4.110	0.123	mg/Kg
Y4128-16	E14 (8-12)	SOIL	Beryllium	0.930		0.247	0.008	mg/Kg
Y4128-16	E14 (8-12)	SOIL	Cadmium	0.858		0.822	0.049	mg/Kg
Y4128-16	E14 (8-12)	SOIL	Calcium	1220		82.2	1.410	mg/Kg
Y4128-16	E14 (8-12)	SOIL	Chromium	34.8		0.411	0.090	mg/Kg
Y4128-16	E14 (8-12)	SOIL	Cobalt	20.4		1.230	0.115	mg/Kg
Y4128-16	E14 (8-12)	SOIL	Copper	31.4		0.822	0.107	mg/Kg
Y4128-16	E14 (8-12)	SOIL	Iron	34200		4.110	2.190	mg/Kg
Y4128-16	E14 (8-12)	SOIL	Lead	9.800		0.493	0.115	mg/Kg
Y4128-16	E14 (8-12)	SOIL	Magnesium	7370		82.2	1.420	mg/Kg
Y4128-16	E14 (8-12)	SOIL	Manganese	733		0.822	0.049	mg/Kg
Y4128-16	E14 (8-12)	SOIL	Nickel	31.4		1.640	0.099	mg/Kg
Y4128-16	E14 (8-12)	SOIL	Potassium	4830		164	18.1	mg/Kg
Y4128-16	E14 (8-12)	SOIL	Silver	1.530		0.411	0.148	mg/Kg
Y4128-16	E14 (8-12)	SOIL	Vanadium	49.8		1.640	0.123	mg/Kg
Y4128-16	E14 (8-12)	SOIL	Zinc	132		1.640	0.880	mg/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E10 (0-4)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-01	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	7
Sample Wt/Vol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019071.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.6	U	27	4.6	ug/Kg
74-87-3	Chloromethane	4.6	U	27	4.6	ug/Kg
75-01-4	Vinyl chloride	4.4	U	27	4.4	ug/Kg
74-83-9	Bromomethane	11	U	27	11	ug/Kg
75-00-3	Chloroethane	11	U	27	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.7	U	27	6.7	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.6	U	27	3.6	ug/Kg
75-35-4	1,1-Dichloroethene	3.1	U	27	3.1	ug/Kg
67-64-1	Acetone	18	U	130	18	ug/Kg
75-15-0	Carbon disulfide	2.0	U	27	2.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.0	U	27	2.0	ug/Kg
79-20-9	Methyl Acetate	4.7	U	27	4.7	ug/Kg
75-09-2	Methylene Chloride	9.8	U	27	9.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.4	U	27	3.4	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	27	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	27	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.4	U	27	2.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	27	1.7	ug/Kg
67-66-3	Chloroform	1.9	U	27	1.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	27	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.3	U	27	2.3	ug/Kg
71-43-2	Benzene	2.1	U	27	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.7	U	27	1.7	ug/Kg
79-01-6	Trichloroethene	1.7	U	27	1.7	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	27	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	27	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	130	11	ug/Kg
108-88-3	Toluene	2.2	U	27	2.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.0	U	27	2.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.8	U	27	1.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.6	U	27	1.6	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E10 (0-4)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-01**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**7**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019071.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	27	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.2	U	27	2.2	ug/Kg
127-18-4	Tetrachloroethene	3.9	U	27	3.9	ug/Kg
108-90-7	Chlorobenzene	1.9	U	27	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.9	U	27	1.9	ug/Kg
126777-61-2	m/p-Xylenes	4.7	U	54	4.7	ug/Kg
95-47-6	o-Xylene	2.1	U	27	2.1	ug/Kg
100-42-5	Styrene	2.5	U	27	2.5	ug/Kg
75-25-2	Bromoform	1.7	U	27	1.7	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	27	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	27	1.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.0	U	27	3.0	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.9	U	27	2.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.1	U	27	2.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.1	U	27	5.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.7	U	27	3.7	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	25.04	50 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	41.98	84 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	46.8	94 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	35.94	72 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	305679	3.30			
540-36-3	1,4-Difluorobenzene	496598	3.70			
3114-55-4	Chlorobenzene-d5	368810	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	133468	8.70			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E10 (0-4)RE	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-01RE	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	7
Sample Wt/Vol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019170.D	1	8/29/2007	VK082907

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.6	U	27	4.6	ug/Kg
74-87-3	Chloromethane	4.6	U	27	4.6	ug/Kg
75-01-4	Vinyl chloride	4.4	U	27	4.4	ug/Kg
74-83-9	Bromomethane	11	U	27	11	ug/Kg
75-00-3	Chloroethane	11	U	27	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.7	U	27	6.7	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.6	U	27	3.6	ug/Kg
75-35-4	1,1-Dichloroethene	3.1	U	27	3.1	ug/Kg
67-64-1	Acetone	18	U	130	18	ug/Kg
75-15-0	Carbon disulfide	2.0	U	27	2.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.0	U	27	2.0	ug/Kg
79-20-9	Methyl Acetate	4.7	U	27	4.7	ug/Kg
75-09-2	Methylene Chloride	9.8	U	27	9.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.4	U	27	3.4	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	27	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	27	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.4	U	27	2.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	27	1.7	ug/Kg
67-66-3	Chloroform	1.9	U	27	1.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	27	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.3	U	27	2.3	ug/Kg
71-43-2	Benzene	2.1	U	27	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.7	U	27	1.7	ug/Kg
79-01-6	Trichloroethene	1.7	U	27	1.7	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	27	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	27	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	130	11	ug/Kg
108-88-3	Toluene	2.2	U	27	2.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.0	U	27	2.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.8	U	27	1.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.6	U	27	1.6	ug/Kg

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E = Value Exceeds Calibration Range

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B = Analyte Found in Associated Method Blank
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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E10 (0-4)RE	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-01RE	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	7
Sample Wt/Vol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019170.D	1	8/29/2007	VK082907

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	27	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.2	U	27	2.2	ug/Kg
127-18-4	Tetrachloroethene	3.9	U	27	3.9	ug/Kg
108-90-7	Chlorobenzene	1.9	U	27	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.9	U	27	1.9	ug/Kg
126777-61-2	m/p-Xylenes	4.7	U	54	4.7	ug/Kg
95-47-6	o-Xylene	2.1	U	27	2.1	ug/Kg
100-42-5	Styrene	2.5	U	27	2.5	ug/Kg
75-25-2	Bromoform	1.7	U	27	1.7	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	27	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	27	1.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.0	U	27	3.0	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.9	U	27	2.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.1	U	27	2.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.1	U	27	5.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.7	U	27	3.7	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	11.77	24 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	33.8	68 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	39.37	79 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	12.68	25 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	86783	3.30			
540-36-3	1,4-Difluorobenzene	122560	3.69			
3114-55-4	Chlorobenzene-d5	62614	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	6857	8.71			

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RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E10 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-02	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	15
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019082.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.9	U	29	4.9	ug/Kg
74-87-3	Chloromethane	4.9	U	29	4.9	ug/Kg
75-01-4	Vinyl chloride	4.7	U	29	4.7	ug/Kg
74-83-9	Bromomethane	12	U	29	12	ug/Kg
75-00-3	Chloroethane	12	U	29	12	ug/Kg
75-69-4	Trichlorofluoromethane	7.2	U	29	7.2	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.8	U	29	3.8	ug/Kg
75-35-4	1,1-Dichloroethene	3.3	U	29	3.3	ug/Kg
67-64-1	Acetone	19	U	140	19	ug/Kg
75-15-0	Carbon disulfide	2.1	U	29	2.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.1	U	29	2.1	ug/Kg
79-20-9	Methyl Acetate	5.0	U	29	5.0	ug/Kg
75-09-2	Methylene Chloride	11	U	29	11	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.7	U	29	3.7	ug/Kg
75-34-3	1,1-Dichloroethane	1.6	U	29	1.6	ug/Kg
110-82-7	Cyclohexane	1.9	U	29	1.9	ug/Kg
78-93-3	2-Butanone	16	U	140	16	ug/Kg
56-23-5	Carbon Tetrachloride	2.6	U	29	2.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.9	U	29	1.9	ug/Kg
67-66-3	Chloroform	2.0	U	29	2.0	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.4	U	29	2.4	ug/Kg
108-87-2	Methylcyclohexane	2.4	U	29	2.4	ug/Kg
71-43-2	Benzene	2.3	U	29	2.3	ug/Kg
107-06-2	1,2-Dichloroethane	1.8	U	29	1.8	ug/Kg
79-01-6	Trichloroethene	1.8	U	29	1.8	ug/Kg
78-87-5	1,2-Dichloropropane	2.3	U	29	2.3	ug/Kg
75-27-4	Bromodichloromethane	1.9	U	29	1.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	140	11	ug/Kg
108-88-3	Toluene	2.3	U	29	2.3	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.1	U	29	2.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.9	U	29	1.9	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.7	U	29	1.7	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
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B = Analyte Found in Associated Method Blank
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E10 (8-12)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-02**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**15**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019082.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	21	U	140	21	ug/Kg
124-48-1	Dibromochloromethane	1.3	U	29	1.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.3	U	29	2.3	ug/Kg
127-18-4	Tetrachloroethene	4.2	U	29	4.2	ug/Kg
108-90-7	Chlorobenzene	2.1	U	29	2.1	ug/Kg
100-41-4	Ethyl Benzene	2.0	U	29	2.0	ug/Kg
126777-61-2	m/p-Xylenes	5.0	U	58	5.0	ug/Kg
95-47-6	o-Xylene	2.2	U	29	2.2	ug/Kg
100-42-5	Styrene	2.7	U	29	2.7	ug/Kg
75-25-2	Bromoform	1.8	U	29	1.8	ug/Kg
98-82-8	Isopropylbenzene	2.4	U	29	2.4	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	29	1.8	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.2	U	29	3.2	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.1	U	29	3.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.2	U	29	2.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.4	U	29	5.4	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.9	U	29	3.9	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.39	103 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	54.86	110 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	52.1	104 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	49.43	99 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	215870	3.30			
540-36-3	1,4-Difluorobenzene	400896	3.70			
3114-55-4	Chlorobenzene-d5	351924	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	152286	8.70			

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E11 (0-4)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-03**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**19**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019083.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.2	U	31	5.2	ug/Kg
74-87-3	Chloromethane	5.2	U	31	5.2	ug/Kg
75-01-4	Vinyl chloride	5.0	U	31	5.0	ug/Kg
74-83-9	Bromomethane	12	U	31	12	ug/Kg
75-00-3	Chloroethane	13	U	31	13	ug/Kg
75-69-4	Trichlorofluoromethane	7.6	U	31	7.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.1	U	31	4.1	ug/Kg
75-35-4	1,1-Dichloroethene	3.5	U	31	3.5	ug/Kg
67-64-1	Acetone	140	J	150	21	ug/Kg
75-15-0	Carbon disulfide	2.2	U	31	2.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.2	U	31	2.2	ug/Kg
79-20-9	Methyl Acetate	5.3	U	31	5.3	ug/Kg
75-09-2	Methylene Chloride	11	U	31	11	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.9	U	31	3.9	ug/Kg
75-34-3	1,1-Dichloroethane	120		31	1.6	ug/Kg
110-82-7	Cyclohexane	2.0	U	31	2.0	ug/Kg
78-93-3	2-Butanone	17	U	150	17	ug/Kg
56-23-5	Carbon Tetrachloride	2.7	U	31	2.7	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.0	U	31	2.0	ug/Kg
67-66-3	Chloroform	46		31	2.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.6	U	31	2.6	ug/Kg
108-87-2	Methylcyclohexane	2.6	U	31	2.6	ug/Kg
71-43-2	Benzene	2.4	U	31	2.4	ug/Kg
107-06-2	1,2-Dichloroethane	1.9	U	31	1.9	ug/Kg
79-01-6	Trichloroethene	1.9	U	31	1.9	ug/Kg
78-87-5	1,2-Dichloropropane	2.4	U	31	2.4	ug/Kg
75-27-4	Bromodichloromethane	2.0	U	31	2.0	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12	U	150	12	ug/Kg
108-88-3	Toluene	2.5	U	31	2.5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.2	U	31	2.2	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.0	U	31	2.0	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.8	U	31	1.8	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E11 (0-4)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-03**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**19**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019083.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	22	U	150	22	ug/Kg
124-48-1	Dibromochloromethane	1.4	U	31	1.4	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	31	2.5	ug/Kg
127-18-4	Tetrachloroethene	4.5	U	31	4.5	ug/Kg
108-90-7	Chlorobenzene	2.2	U	31	2.2	ug/Kg
100-41-4	Ethyl Benzene	2.2	U	31	2.2	ug/Kg
126777-61-2	m/p-Xylenes	5.3	U	61	5.3	ug/Kg
95-47-6	o-Xylene	2.3	U	31	2.3	ug/Kg
100-42-5	Styrene	2.8	U	31	2.8	ug/Kg
75-25-2	Bromoform	1.9	U	31	1.9	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	31	2.5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.9	U	31	1.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.4	U	31	3.4	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.3	U	31	3.3	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.4	U	31	2.4	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.8	U	31	5.8	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.2	U	31	4.2	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.78	92 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	51.55	103 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	47.12	94 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	27	54 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	187691	3.30			
540-36-3	1,4-Difluorobenzene	329309	3.69			
3114-55-4	Chlorobenzene-d5	213466	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	48297	8.70			

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E11 (0-4)RE**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-03RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**19**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019171.D	1	8/29/2007	VK082907

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.1	U	30	5.1	ug/Kg
74-87-3	Chloromethane	5.1	U	30	5.1	ug/Kg
75-01-4	Vinyl chloride	4.9	U	30	4.9	ug/Kg
74-83-9	Bromomethane	12	U	30	12	ug/Kg
75-00-3	Chloroethane	13	U	30	13	ug/Kg
75-69-4	Trichlorofluoromethane	7.5	U	30	7.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.0	U	30	4.0	ug/Kg
75-35-4	1,1-Dichloroethene	3.4	U	30	3.4	ug/Kg
67-64-1	Acetone	20	U	150	20	ug/Kg
75-15-0	Carbon disulfide	2.2	U	30	2.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.2	U	30	2.2	ug/Kg
79-20-9	Methyl Acetate	5.2	U	30	5.2	ug/Kg
75-09-2	Methylene Chloride	11	U	30	11	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.8	U	30	3.8	ug/Kg
75-34-3	1,1-Dichloroethane	80		30	1.6	ug/Kg
110-82-7	Cyclohexane	1.9	U	30	1.9	ug/Kg
78-93-3	2-Butanone	17	U	150	17	ug/Kg
56-23-5	Carbon Tetrachloride	2.7	U	30	2.7	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.9	U	30	1.9	ug/Kg
67-66-3	Chloroform	30		30	2.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	30	2.5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	30	2.5	ug/Kg
71-43-2	Benzene	2.4	U	30	2.4	ug/Kg
107-06-2	1,2-Dichloroethane	1.8	U	30	1.8	ug/Kg
79-01-6	Trichloroethene	1.8	U	30	1.8	ug/Kg
78-87-5	1,2-Dichloropropane	2.4	U	30	2.4	ug/Kg
75-27-4	Bromodichloromethane	2.0	U	30	2.0	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12	U	150	12	ug/Kg
108-88-3	Toluene	2.4	U	30	2.4	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.2	U	30	2.2	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.0	U	30	2.0	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.8	U	30	1.8	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E11 (0-4)RE**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-03RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**19**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019171.D	1	8/29/2007	VK082907

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	22	U	150	22	ug/Kg
124-48-1	Dibromochloromethane	1.4	U	30	1.4	ug/Kg
106-93-4	1,2-Dibromoethane	2.4	U	30	2.4	ug/Kg
127-18-4	Tetrachloroethene	4.4	U	30	4.4	ug/Kg
108-90-7	Chlorobenzene	2.2	U	30	2.2	ug/Kg
100-41-4	Ethyl Benzene	2.1	U	30	2.1	ug/Kg
126777-61-2	m/p-Xylenes	5.2	U	60	5.2	ug/Kg
95-47-6	o-Xylene	2.3	U	30	2.3	ug/Kg
100-42-5	Styrene	2.8	U	30	2.8	ug/Kg
75-25-2	Bromoform	1.9	U	30	1.9	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	30	2.5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.9	U	30	1.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.3	U	30	3.3	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.3	U	30	3.3	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.3	U	30	2.3	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.6	U	30	5.6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.1	U	30	4.1	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.37	61 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	46.11	92 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	44.6	89 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	19.44	39 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	222604	3.30			
540-36-3	1,4-Difluorobenzene	384936	3.70			
3114-55-4	Chlorobenzene-d5	249253	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	39925	8.70			

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E11 (8-12)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-04**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**4**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019084.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.4	U	26	4.4	ug/Kg
74-87-3	Chloromethane	4.4	U	26	4.4	ug/Kg
75-01-4	Vinyl chloride	4.2	U	26	4.2	ug/Kg
74-83-9	Bromomethane	10	U	26	10	ug/Kg
75-00-3	Chloroethane	11	U	26	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.4	U	26	6.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.4	U	26	3.4	ug/Kg
75-35-4	1,1-Dichloroethene	2.9	U	26	2.9	ug/Kg
67-64-1	Acetone	160		130	17	ug/Kg
75-15-0	Carbon disulfide	1.9	U	26	1.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.9	U	26	1.9	ug/Kg
79-20-9	Methyl Acetate	4.4	U	26	4.4	ug/Kg
75-09-2	Methylene Chloride	9.3	U	26	9.3	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.3	U	26	3.3	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	26	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	26	1.7	ug/Kg
78-93-3	2-Butanone	14	U	130	14	ug/Kg
56-23-5	Carbon Tetrachloride	2.3	U	26	2.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	26	1.7	ug/Kg
67-66-3	Chloroform	1.8	U	26	1.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.1	U	26	2.1	ug/Kg
108-87-2	Methylcyclohexane	2.1	U	26	2.1	ug/Kg
71-43-2	Benzene	2.0	U	26	2.0	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	26	1.6	ug/Kg
79-01-6	Trichloroethene	1.6	U	26	1.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.0	U	26	2.0	ug/Kg
75-27-4	Bromodichloromethane	1.7	U	26	1.7	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10	U	130	10	ug/Kg
108-88-3	Toluene	2.1	U	26	2.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	26	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.7	U	26	1.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.5	U	26	1.5	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E11 (8-12)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-04**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**4**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019084.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	18	U	130	18	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	26	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.1	U	26	2.1	ug/Kg
127-18-4	Tetrachloroethene	3.7	U	26	3.7	ug/Kg
108-90-7	Chlorobenzene	1.8	U	26	1.8	ug/Kg
100-41-4	Ethyl Benzene	1.8	U	26	1.8	ug/Kg
126777-61-2	m/p-Xylenes	4.4	U	51	4.4	ug/Kg
95-47-6	o-Xylene	2.0	U	26	2.0	ug/Kg
100-42-5	Styrene	2.3	U	26	2.3	ug/Kg
75-25-2	Bromoform	1.6	U	26	1.6	ug/Kg
98-82-8	Isopropylbenzene	2.1	U	26	2.1	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U	26	1.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.8	U	26	2.8	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.8	U	26	2.8	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.0	U	26	2.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.8	U	26	4.8	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.5	U	26	3.5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.33	93 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	51.17	102 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	50.06	100 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	43.58	87 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	236460	3.30			
540-36-3	1,4-Difluorobenzene	423626	3.69			
3114-55-4	Chlorobenzene-d5	344705	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	114809	8.70			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E9 (0-4)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-05**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**7**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019085.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.5	U	26	4.5	ug/Kg
74-87-3	Chloromethane	4.5	U	26	4.5	ug/Kg
75-01-4	Vinyl chloride	4.3	U	26	4.3	ug/Kg
74-83-9	Bromomethane	11	U	26	11	ug/Kg
75-00-3	Chloroethane	11	U	26	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.5	U	26	6.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.5	U	26	3.5	ug/Kg
75-35-4	1,1-Dichloroethene	3.0	U	26	3.0	ug/Kg
67-64-1	Acetone	18	U	130	18	ug/Kg
75-15-0	Carbon disulfide	1.9	U	26	1.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.9	U	26	1.9	ug/Kg
79-20-9	Methyl Acetate	4.5	U	26	4.5	ug/Kg
75-09-2	Methylene Chloride	9.5	U	26	9.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.3	U	26	3.3	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	26	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	26	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.3	U	26	2.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	26	1.7	ug/Kg
67-66-3	Chloroform	1.8	U	26	1.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	26	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.2	U	26	2.2	ug/Kg
71-43-2	Benzene	2.1	U	26	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	26	1.6	ug/Kg
79-01-6	Trichloroethene	1.6	U	26	1.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	26	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.7	U	26	1.7	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10	U	130	10	ug/Kg
108-88-3	Toluene	2.1	U	26	2.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	26	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.7	U	26	1.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.5	U	26	1.5	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E9 (0-4)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-05	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	7
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019085.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	26	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.1	U	26	2.1	ug/Kg
127-18-4	Tetrachloroethene	3.8	U	26	3.8	ug/Kg
108-90-7	Chlorobenzene	1.9	U	26	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.8	U	26	1.8	ug/Kg
126777-61-2	m/p-Xylenes	4.5	U	52	4.5	ug/Kg
95-47-6	o-Xylene	2.0	U	26	2.0	ug/Kg
100-42-5	Styrene	2.4	U	26	2.4	ug/Kg
75-25-2	Bromoform	1.6	U	26	1.6	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	26	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U	26	1.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.9	U	26	2.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.8	U	26	2.8	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.0	U	26	2.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.9	U	26	4.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.6	U	26	3.6	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	33.33	67 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	30.78	62 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	48.87	98 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	34.4	69 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	276514	3.30			
540-36-3	1,4-Difluorobenzene	470016	3.69			
3114-55-4	Chlorobenzene-d5	338769	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	110799	8.70			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E9 (0-4)RE**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-05RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**7**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019172.D	1	8/29/2007	VK082907

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.5	U	26	4.5	ug/Kg
74-87-3	Chloromethane	4.5	U	26	4.5	ug/Kg
75-01-4	Vinyl chloride	4.3	U	26	4.3	ug/Kg
74-83-9	Bromomethane	11	U	26	11	ug/Kg
75-00-3	Chloroethane	11	U	26	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.6	U	26	6.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.5	U	26	3.5	ug/Kg
75-35-4	1,1-Dichloroethene	3.0	U	26	3.0	ug/Kg
67-64-1	Acetone	18	U	130	18	ug/Kg
75-15-0	Carbon disulfide	1.9	U	26	1.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.9	U	26	1.9	ug/Kg
79-20-9	Methyl Acetate	4.6	U	26	4.6	ug/Kg
75-09-2	Methylene Chloride	9.6	U	26	9.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.4	U	26	3.4	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	26	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	26	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.3	U	26	2.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	26	1.7	ug/Kg
67-66-3	Chloroform	1.8	U	26	1.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	26	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.2	U	26	2.2	ug/Kg
71-43-2	Benzene	2.1	U	26	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	26	1.6	ug/Kg
79-01-6	Trichloroethene	1.6	U	26	1.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	26	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	26	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10	U	130	10	ug/Kg
108-88-3	Toluene	2.1	U	26	2.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	26	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.7	U	26	1.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.5	U	26	1.5	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E9 (0-4)RE**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-05RE**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**7**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019172.D	1	8/29/2007	VK082907

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	26	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.1	U	26	2.1	ug/Kg
127-18-4	Tetrachloroethene	3.8	U	26	3.8	ug/Kg
108-90-7	Chlorobenzene	1.9	U	26	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.9	U	26	1.9	ug/Kg
126777-61-2	m/p-Xylenes	4.6	U	53	4.6	ug/Kg
95-47-6	o-Xylene	2.0	U	26	2.0	ug/Kg
100-42-5	Styrene	2.4	U	26	2.4	ug/Kg
75-25-2	Bromoform	1.6	U	26	1.6	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	26	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U	26	1.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.9	U	26	2.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.9	U	26	2.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.0	U	26	2.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U	26	5.0	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.6	U	26	3.6	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	13.36	27 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	28.32	57 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	39.24	78 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	11.48	23 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	83405	3.30			
540-36-3	1,4-Difluorobenzene	125181	3.69			
3114-55-4	Chlorobenzene-d5	59534	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	5757	8.71			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E9 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-06	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	22
Sample Wt/Vol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019173.D	1	8/30/2007	VK082907

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.3	U	31	5.3	ug/Kg
74-87-3	Chloromethane	5.3	U	31	5.3	ug/Kg
75-01-4	Vinyl chloride	5.1	U	31	5.1	ug/Kg
74-83-9	Bromomethane	13	U	31	13	ug/Kg
75-00-3	Chloroethane	13	U	31	13	ug/Kg
75-69-4	Trichlorofluoromethane	7.8	U	31	7.8	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.1	U	31	4.1	ug/Kg
75-35-4	1,1-Dichloroethene	3.6	U	31	3.6	ug/Kg
67-64-1	Acetone	21	U	160	21	ug/Kg
75-15-0	Carbon disulfide	2.3	U	31	2.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.3	U	31	2.3	ug/Kg
79-20-9	Methyl Acetate	5.4	U	31	5.4	ug/Kg
75-09-2	Methylene Chloride	11	U	31	11	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.0	U	31	4.0	ug/Kg
75-34-3	1,1-Dichloroethane	1.7	U	31	1.7	ug/Kg
110-82-7	Cyclohexane	2.0	U	31	2.0	ug/Kg
78-93-3	2-Butanone	18	U	160	18	ug/Kg
56-23-5	Carbon Tetrachloride	2.8	U	31	2.8	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.0	U	31	2.0	ug/Kg
67-66-3	Chloroform	2.2	U	31	2.2	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.6	U	31	2.6	ug/Kg
108-87-2	Methylcyclohexane	2.6	U	31	2.6	ug/Kg
71-43-2	Benzene	2.5	U	31	2.5	ug/Kg
107-06-2	1,2-Dichloroethane	1.9	U	31	1.9	ug/Kg
79-01-6	Trichloroethene	1.9	U	31	1.9	ug/Kg
78-87-5	1,2-Dichloropropane	2.5	U	31	2.5	ug/Kg
75-27-4	Bromodichloromethane	2.1	U	31	2.1	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12	U	160	12	ug/Kg
108-88-3	Toluene	2.5	U	31	2.5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.3	U	31	2.3	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.1	U	31	2.1	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.8	U	31	1.8	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E9 (8-12)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-06**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**22**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019173.D	1	8/30/2007	VK082907

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	22	U	160	22	ug/Kg
124-48-1	Dibromochloromethane	1.4	U	31	1.4	ug/Kg
106-93-4	1,2-Dibromoethane	2.5	U	31	2.5	ug/Kg
127-18-4	Tetrachloroethene	4.5	U	31	4.5	ug/Kg
108-90-7	Chlorobenzene	2.3	U	31	2.3	ug/Kg
100-41-4	Ethyl Benzene	2.2	U	31	2.2	ug/Kg
126777-61-2	m/p-Xylenes	5.4	U	62	5.4	ug/Kg
95-47-6	o-Xylene	2.4	U	31	2.4	ug/Kg
100-42-5	Styrene	2.9	U	31	2.9	ug/Kg
75-25-2	Bromoform	1.9	U	31	1.9	ug/Kg
98-82-8	Isopropylbenzene	2.6	U	31	2.6	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.9	U	31	1.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.5	U	31	3.5	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.4	U	31	3.4	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.4	U	31	2.4	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.9	U	31	5.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.3	U	31	4.3	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	40.15	80 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	47.14	94 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	48.16	96 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	46.35	93 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	254751	3.30			
540-36-3	1,4-Difluorobenzene	479395	3.69			
3114-55-4	Chlorobenzene-d5	486730	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	197574	8.70			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E8 (0-4)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-07**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**6**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019087.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.5	U	26	4.5	ug/Kg
74-87-3	Chloromethane	4.4	U	26	4.4	ug/Kg
75-01-4	Vinyl chloride	4.3	U	26	4.3	ug/Kg
74-83-9	Bromomethane	11	U	26	11	ug/Kg
75-00-3	Chloroethane	11	U	26	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.5	U	26	6.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.5	U	26	3.5	ug/Kg
75-35-4	1,1-Dichloroethene	3.0	U	26	3.0	ug/Kg
67-64-1	Acetone	18	U	130	18	ug/Kg
75-15-0	Carbon disulfide	1.9	U	26	1.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.9	U	26	1.9	ug/Kg
79-20-9	Methyl Acetate	4.5	U	26	4.5	ug/Kg
75-09-2	Methylene Chloride	9.5	U	26	9.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.3	U	26	3.3	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	26	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	26	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.3	U	26	2.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	26	1.7	ug/Kg
67-66-3	Chloroform	1.8	U	26	1.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	26	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.2	U	26	2.2	ug/Kg
71-43-2	Benzene	2.1	U	26	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	26	1.6	ug/Kg
79-01-6	Trichloroethene	1.6	U	26	1.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	26	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.7	U	26	1.7	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10	U	130	10	ug/Kg
108-88-3	Toluene	2.1	U	26	2.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	26	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.7	U	26	1.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.5	U	26	1.5	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E8 (0-4)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-07**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**6**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019087.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	26	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.1	U	26	2.1	ug/Kg
127-18-4	Tetrachloroethene	3.8	U	26	3.8	ug/Kg
108-90-7	Chlorobenzene	1.9	U	26	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.8	U	26	1.8	ug/Kg
126777-61-2	m/p-Xylenes	4.5	U	52	4.5	ug/Kg
95-47-6	o-Xylene	2.0	U	26	2.0	ug/Kg
100-42-5	Styrene	2.4	U	26	2.4	ug/Kg
75-25-2	Bromoform	1.6	U	26	1.6	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	26	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U	26	1.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.9	U	26	2.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.8	U	26	2.8	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.0	U	26	2.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.9	U	26	4.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.6	U	26	3.6	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.59	99 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	52.86	106 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	50.36	101 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	44.02	88 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	227079	3.30			
540-36-3	1,4-Difluorobenzene	416174	3.70			
3114-55-4	Chlorobenzene-d5	352642	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	135439	8.70			

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E8 (8-12)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-08**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**14**
Sample Wt/Wol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019088.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.8	U	28	4.8	ug/Kg
74-87-3	Chloromethane	4.8	U	28	4.8	ug/Kg
75-01-4	Vinyl chloride	4.6	U	28	4.6	ug/Kg
74-83-9	Bromomethane	11	U	28	11	ug/Kg
75-00-3	Chloroethane	12	U	28	12	ug/Kg
75-69-4	Trichlorofluoromethane	7.0	U	28	7.0	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.8	U	28	3.8	ug/Kg
75-35-4	1,1-Dichloroethene	3.2	U	28	3.2	ug/Kg
67-64-1	Acetone	19	U	140	19	ug/Kg
75-15-0	Carbon disulfide	2.1	U	28	2.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.1	U	28	2.1	ug/Kg
79-20-9	Methyl Acetate	4.9	U	28	4.9	ug/Kg
75-09-2	Methylene Chloride	10	U	28	10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.6	U	28	3.6	ug/Kg
75-34-3	1,1-Dichloroethane	1.5	U	28	1.5	ug/Kg
110-82-7	Cyclohexane	1.8	U	28	1.8	ug/Kg
78-93-3	2-Butanone	16	U	140	16	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	28	2.5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.8	U	28	1.8	ug/Kg
67-66-3	Chloroform	2.0	U	28	2.0	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.4	U	28	2.4	ug/Kg
108-87-2	Methylcyclohexane	2.4	U	28	2.4	ug/Kg
71-43-2	Benzene	2.3	U	28	2.3	ug/Kg
107-06-2	1,2-Dichloroethane	1.7	U	28	1.7	ug/Kg
79-01-6	Trichloroethene	1.7	U	28	1.7	ug/Kg
78-87-5	1,2-Dichloropropane	2.2	U	28	2.2	ug/Kg
75-27-4	Bromodichloromethane	1.9	U	28	1.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	140	11	ug/Kg
108-88-3	Toluene	2.3	U	28	2.3	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.0	U	28	2.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.9	U	28	1.9	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.7	U	28	1.7	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E8 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-08	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	14
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK019088.D	1	8/24/2007	VK082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	20	U	140	20	ug/Kg
124-48-1	Dibromochloromethane	1.3	U	28	1.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.3	U	28	2.3	ug/Kg
127-18-4	Tetrachloroethene	4.1	U	28	4.1	ug/Kg
108-90-7	Chlorobenzene	2.0	U	28	2.0	ug/Kg
100-41-4	Ethyl Benzene	2.0	U	28	2.0	ug/Kg
126777-61-2	m/p-Xylenes	4.9	U	56	4.9	ug/Kg
95-47-6	o-Xylene	2.2	U	28	2.2	ug/Kg
100-42-5	Styrene	2.6	U	28	2.6	ug/Kg
75-25-2	Bromoform	1.7	U	28	1.7	ug/Kg
98-82-8	Isopropylbenzene	2.3	U	28	2.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	28	1.8	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.1	U	28	3.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.1	U	28	3.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.2	U	28	2.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.3	U	28	5.3	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.9	U	28	3.9	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50	100 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	44.33	89 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	50.87	102 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	46.41	93 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	225624	3.31			
540-36-3	1,4-Difluorobenzene	415697	3.69			
3114-55-4	Chlorobenzene-d5	362368	6.42			
3855-82-1	1,4-Dichlorobenzene-d4	150119	8.70			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E10 (0-4)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-01	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039376.D	1	8/23/2007	8/23/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	73	U	350	73	ug/Kg
108-95-2	Phenol	54	U	350	54	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56	U	350	56	ug/Kg
95-57-8	2-Chlorophenol	57	U	350	57	ug/Kg
95-48-7	2-Methylphenol	59	U	350	59	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57	U	350	57	ug/Kg
98-86-2	Acetophenone	52	U	350	52	ug/Kg
106-44-5	3+4-Methylphenols	56	U	350	56	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	350	59	ug/Kg
67-72-1	Hexachloroethane	60	U	350	60	ug/Kg
98-95-3	Nitrobenzene	77	U	350	77	ug/Kg
78-59-1	Isophorone	53	U	350	53	ug/Kg
88-75-5	2-Nitrophenol	55	U	350	55	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	350	56	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58	U	350	58	ug/Kg
120-83-2	2,4-Dichlorophenol	66	U	350	66	ug/Kg
91-20-3	Naphthalene	61	U	350	61	ug/Kg
106-47-8	4-Chloroaniline	42	U	350	42	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	350	55	ug/Kg
105-60-2	Caprolactam	57	U	350	57	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	350	49	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	350	59	ug/Kg
77-47-4	Hexachlorocyclopentadiene	57	U	350	57	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	350	52	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	890	54	ug/Kg
92-52-4	1,1-Biphenyl	58	U	350	58	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	350	59	ug/Kg
88-74-4	2-Nitroaniline	45	U	890	45	ug/Kg
131-11-3	Dimethylphthalate	57	U	350	57	ug/Kg
208-96-8	Acenaphthylene	58	U	350	58	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	350	50	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E10 (0-4)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-01**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**7**
Sample Wt/Vol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039376.D	1	8/23/2007	8/23/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	46	U	890	46	ug/Kg
83-32-9	Acenaphthene	63	U	350	63	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	890	300	ug/Kg
100-02-7	4-Nitrophenol	44	U	890	44	ug/Kg
132-64-9	Dibenzofuran	59	U	350	59	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	350	52	ug/Kg
84-66-2	Diethylphthalate	61	U	350	61	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	350	56	ug/Kg
86-73-7	Fluorene	60	U	350	60	ug/Kg
100-01-6	4-Nitroaniline	61	U	890	61	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	69	U	890	69	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	350	58	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	350	53	ug/Kg
118-74-1	Hexachlorobenzene	57	U	350	57	ug/Kg
1912-24-9	Atrazine	54	U	350	54	ug/Kg
87-86-5	Pentachlorophenol	82	U	890	82	ug/Kg
85-01-8	Phenanthrene	56	U	350	56	ug/Kg
120-12-7	Anthracene	53	U	350	53	ug/Kg
86-74-8	Carbazole	54	U	350	54	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	350	54	ug/Kg
206-44-0	Fluoranthene	53	U	350	53	ug/Kg
129-00-0	Pyrene	63	U	350	63	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	350	57	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	350	61	ug/Kg
56-55-3	Benzo(a)anthracene	50	U	350	50	ug/Kg
218-01-9	Chrysene	64	U	350	64	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	130	J	350	68	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	350	60	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	350	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	78	U	350	78	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	350	57	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E10 (0-4)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-01	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039376.D	1	8/23/2007	8/23/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	350	45	ug/Kg
53-70-3	Dibenz(a,h)anthracene	44	U	350	44	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59	U	350	59	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	85.19	57 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	92.25	62 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	61.34	61 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	61.89	62 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	74.96	50 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	73.99	74 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	230608	4.89			
1146-65-2	Naphthalene-d8	1004270	7.08			
15067-26-2	Acenaphthene-d10	505711	10.40			
1517-22-2	Phenanthrene-d10	762480	13.28			
1719-03-5	Chrysene-d12	552689	18.46			
1520-96-3	Perylene-d12	431716	21.07			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E10 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	15
Sample Wt/Vol:	30.3 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039377.D	1	8/23/2007	8/23/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	79	U	380	79	ug/Kg
108-95-2	Phenol	58	U	380	58	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61	U	380	61	ug/Kg
95-57-8	2-Chlorophenol	62	U	380	62	ug/Kg
95-48-7	2-Methylphenol	64	U	380	64	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62	U	380	62	ug/Kg
98-86-2	Acetophenone	56	U	380	56	ug/Kg
106-44-5	3+4-Methylphenols	61	U	380	61	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	64	U	380	64	ug/Kg
67-72-1	Hexachloroethane	65	U	380	65	ug/Kg
98-95-3	Nitrobenzene	84	U	380	84	ug/Kg
78-59-1	Isophorone	58	U	380	58	ug/Kg
88-75-5	2-Nitrophenol	59	U	380	59	ug/Kg
105-67-9	2,4-Dimethylphenol	61	U	380	61	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	63	U	380	63	ug/Kg
120-83-2	2,4-Dichlorophenol	71	U	380	71	ug/Kg
91-20-3	Naphthalene	66	U	380	66	ug/Kg
106-47-8	4-Chloroaniline	46	U	380	46	ug/Kg
87-68-3	Hexachlorobutadiene	59	U	380	59	ug/Kg
105-60-2	Caprolactam	62	U	380	62	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	380	53	ug/Kg
91-57-6	2-Methylnaphthalene	64	U	380	64	ug/Kg
77-47-4	Hexachlorocyclopentadiene	62	U	380	62	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	380	57	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	970	59	ug/Kg
92-52-4	1,1-Biphenyl	63	U	380	63	ug/Kg
91-58-7	2-Chloronaphthalene	64	U	380	64	ug/Kg
88-74-4	2-Nitroaniline	49	U	970	49	ug/Kg
131-11-3	Dimethylphthalate	62	U	380	62	ug/Kg
208-96-8	Acenaphthylene	63	U	380	63	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	380	55	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E10 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	15
Sample Wt/Wol:	30.3 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039377.D	1	8/23/2007	8/23/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	50	U	970	50	ug/Kg
83-32-9	Acenaphthene	69	U	380	69	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	970	330	ug/Kg
100-02-7	4-Nitrophenol	48	U	970	48	ug/Kg
132-64-9	Dibenzofuran	64	U	380	64	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	380	57	ug/Kg
84-66-2	Diethylphthalate	67	U	380	67	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	380	61	ug/Kg
86-73-7	Fluorene	65	U	380	65	ug/Kg
100-01-6	4-Nitroaniline	66	U	970	66	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75	U	970	75	ug/Kg
86-30-6	N-Nitrosodiphenylamine	63	U	380	63	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58	U	380	58	ug/Kg
118-74-1	Hexachlorobenzene	62	U	380	62	ug/Kg
1912-24-9	Atrazine	59	U	380	59	ug/Kg
87-86-5	Pentachlorophenol	89	U	970	89	ug/Kg
85-01-8	Phenanthrene	61	U	380	61	ug/Kg
120-12-7	Anthracene	58	U	380	58	ug/Kg
86-74-8	Carbazole	59	U	380	59	ug/Kg
84-74-2	Di-n-butylphthalate	59	U	380	59	ug/Kg
206-44-0	Fluoranthene	57	U	380	57	ug/Kg
129-00-0	Pyrene	68	U	380	68	ug/Kg
85-68-7	Butylbenzylphthalate	62	U	380	62	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	380	66	ug/Kg
56-55-3	Benzo(a)anthracene	54	U	380	54	ug/Kg
218-01-9	Chrysene	69	U	380	69	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	84	J	380	74	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	380	66	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	380	42	ug/Kg
207-08-9	Benzo(k)fluoranthene	85	U	380	85	ug/Kg
50-32-8	Benzo(a)pyrene	62	U	380	62	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E10 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	15
Sample Wt/Wol:	30.3 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039377.D	1	8/23/2007	8/23/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	49	U	380	49	ug/Kg
53-70-3	Dibenz(a,h)anthracene	48	U	380	48	ug/Kg
191-24-2	Benzo(g,h,i)perylene	64	U	380	64	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	75.27	50 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	80.26	54 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	56.12	56 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	57.33	57 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	73.35	49 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	64.25	64 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	232826	4.90			
1146-65-2	Naphthalene-d8	1026809	7.07			
15067-26-2	Acenaphthene-d10	508324	10.40			
1517-22-2	Phenanthrene-d10	790206	13.27			
1719-03-5	Chrysene-d12	605853	18.45			
1520-96-3	Perylene-d12	443105	21.06			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E11 (0-4)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-03	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	19
Sample Wt/Vol:	30.3 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039378.D	1	8/23/2007	8/23/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	83	U	400	83	ug/Kg
108-95-2	Phenol	61	U	400	61	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	64	U	400	64	ug/Kg
95-57-8	2-Chlorophenol	65	U	400	65	ug/Kg
95-48-7	2-Methylphenol	67	U	400	67	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	400	65	ug/Kg
98-86-2	Acetophenone	59	U	400	59	ug/Kg
106-44-5	3+4-Methylphenols	64	U	400	64	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	67	U	400	67	ug/Kg
67-72-1	Hexachloroethane	69	U	400	69	ug/Kg
98-95-3	Nitrobenzene	88	U	400	88	ug/Kg
78-59-1	Isophorone	61	U	400	61	ug/Kg
88-75-5	2-Nitrophenol	62	U	400	62	ug/Kg
105-67-9	2,4-Dimethylphenol	64	U	400	64	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	66	U	400	66	ug/Kg
120-83-2	2,4-Dichlorophenol	75	U	400	75	ug/Kg
91-20-3	Naphthalene	69	U	400	69	ug/Kg
106-47-8	4-Chloroaniline	48	U	400	48	ug/Kg
87-68-3	Hexachlorobutadiene	62	U	400	62	ug/Kg
105-60-2	Caprolactam	65	U	400	65	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	400	56	ug/Kg
91-57-6	2-Methylnaphthalene	68	U	400	68	ug/Kg
77-47-4	Hexachlorocyclopentadiene	65	U	400	65	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	400	59	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	1000	62	ug/Kg
92-52-4	1,1-Biphenyl	67	U	400	67	ug/Kg
91-58-7	2-Chloronaphthalene	67	U	400	67	ug/Kg
88-74-4	2-Nitroaniline	51	U	1000	51	ug/Kg
131-11-3	Dimethylphthalate	65	U	400	65	ug/Kg
208-96-8	Acenaphthylene	66	U	400	66	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	400	57	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E11 (0-4)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-03	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	19
Sample Wt/Wol:	30.3 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039378.D	1	8/23/2007	8/23/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	53	U	1000	53	ug/Kg
83-32-9	Acenaphthene	72	U	400	72	ug/Kg
51-28-5	2,4-Dinitrophenol	350	U	1000	350	ug/Kg
100-02-7	4-Nitrophenol	50	U	1000	50	ug/Kg
132-64-9	Dibenzofuran	67	U	400	67	ug/Kg
121-14-2	2,4-Dinitrotoluene	59	U	400	59	ug/Kg
84-66-2	Diethylphthalate	70	U	400	70	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	64	U	400	64	ug/Kg
86-73-7	Fluorene	68	U	400	68	ug/Kg
100-01-6	4-Nitroaniline	69	U	1000	69	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78	U	1000	78	ug/Kg
86-30-6	N-Nitrosodiphenylamine	67	U	400	67	ug/Kg
101-55-3	4-Bromophenyl-phenylether	60	U	400	60	ug/Kg
118-74-1	Hexachlorobenzene	65	U	400	65	ug/Kg
1912-24-9	Atrazine	62	U	400	62	ug/Kg
87-86-5	Pentachlorophenol	94	U	1000	94	ug/Kg
85-01-8	Phenanthrene	64	U	400	64	ug/Kg
120-12-7	Anthracene	61	U	400	61	ug/Kg
86-74-8	Carbazole	62	U	400	62	ug/Kg
84-74-2	Di-n-butylphthalate	62	U	400	62	ug/Kg
206-44-0	Fluoranthene	60	U	400	60	ug/Kg
129-00-0	Pyrene	71	U	400	71	ug/Kg
85-68-7	Butylbenzylphthalate	65	U	400	65	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	400	69	ug/Kg
56-55-3	Benzo(a)anthracene	57	U	400	57	ug/Kg
218-01-9	Chrysene	73	U	400	73	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	78	U	400	78	ug/Kg
117-84-0	Di-n-octyl phthalate	69	U	400	69	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	400	44	ug/Kg
207-08-9	Benzo(k)fluoranthene	89	U	400	89	ug/Kg
50-32-8	Benzo(a)pyrene	65	U	400	65	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E11 (0-4)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-03**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**19**
Sample Wt/Vol:	**30.3 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039378.D	1	8/23/2007	8/23/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	51	U	400	51	ug/Kg
53-70-3	Dibenz(a,h)anthracene	51	U	400	51	ug/Kg
191-24-2	Benzo(g,h,i)perylene	67	U	400	67	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	76.05	51 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	85.52	57 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	57.85	58 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	58.4	58 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	71.11	47 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	65.32	65 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	239557	4.89			
1146-65-2	Naphthalene-d8	1032597	7.07			
15067-26-2	Acenaphthene-d10	519569	10.40			
1517-22-2	Phenanthrene-d10	809596	13.27			
1719-03-5	Chrysene-d12	620070	18.45			
1520-96-3	Perylene-d12	459209	21.06			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E11 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	4
Sample Wt/Vol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039380.D	10	8/23/2007	8/23/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	700	U	3400	700	ug/Kg
108-95-2	Phenol	520	U	3400	520	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	540	U	3400	540	ug/Kg
95-57-8	2-Chlorophenol	550	U	3400	550	ug/Kg
95-48-7	2-Methylphenol	570	U	3400	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	550	U	3400	550	ug/Kg
98-86-2	Acetophenone	500	U	3400	500	ug/Kg
106-44-5	3+4-Methylphenols	540	U	3400	540	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	570	U	3400	570	ug/Kg
67-72-1	Hexachloroethane	580	U	3400	580	ug/Kg
98-95-3	Nitrobenzene	750	U	3400	750	ug/Kg
78-59-1	Isophorone	510	U	3400	510	ug/Kg
88-75-5	2-Nitrophenol	530	U	3400	530	ug/Kg
105-67-9	2,4-Dimethylphenol	540	U	3400	540	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	560	U	3400	560	ug/Kg
120-83-2	2,4-Dichlorophenol	630	U	3400	630	ug/Kg
91-20-3	Naphthalene	590	U	3400	590	ug/Kg
106-47-8	4-Chloroaniline	410	U	3400	410	ug/Kg
87-68-3	Hexachlorobutadiene	530	U	3400	530	ug/Kg
105-60-2	Caprolactam	550	U	3400	550	ug/Kg
59-50-7	4-Chloro-3-methylphenol	470	U	3400	470	ug/Kg
91-57-6	2-Methylnaphthalene	570	U	3400	570	ug/Kg
77-47-4	Hexachlorocyclopentadiene	550	U	3400	550	ug/Kg
88-06-2	2,4,6-Trichlorophenol	500	U	3400	500	ug/Kg
95-95-4	2,4,5-Trichlorophenol	520	U	8600	520	ug/Kg
92-52-4	1,1-Biphenyl	560	U	3400	560	ug/Kg
91-58-7	2-Chloronaphthalene	570	U	3400	570	ug/Kg
88-74-4	2-Nitroaniline	430	U	8600	430	ug/Kg
131-11-3	Dimethylphthalate	550	U	3400	550	ug/Kg
208-96-8	Acenaphthylene	560	U	3400	560	ug/Kg
606-20-2	2,6-Dinitrotoluene	480	U	3400	480	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E11 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	4
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039380.D	10	8/23/2007	8/23/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	450	U	8600	450	ug/Kg
83-32-9	Acenaphthene	610	U	3400	610	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	U	8600	2900	ug/Kg
100-02-7	4-Nitrophenol	420	U	8600	420	ug/Kg
132-64-9	Dibenzofuran	570	U	3400	570	ug/Kg
121-14-2	2,4-Dinitrotoluene	500	U	3400	500	ug/Kg
84-66-2	Diethylphthalate	590	U	3400	590	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	540	U	3400	540	ug/Kg
86-73-7	Fluorene	580	U	3400	580	ug/Kg
100-01-6	4-Nitroaniline	590	U	8600	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	660	U	8600	660	ug/Kg
86-30-6	N-Nitrosodiphenylamine	560	U	3400	560	ug/Kg
101-55-3	4-Bromophenyl-phenylether	510	U	3400	510	ug/Kg
118-74-1	Hexachlorobenzene	550	U	3400	550	ug/Kg
1912-24-9	Atrazine	520	U	3400	520	ug/Kg
87-86-5	Pentachlorophenol	790	U	8600	790	ug/Kg
85-01-8	Phenanthrene	550	U	3400	550	ug/Kg
120-12-7	Anthracene	520	U	3400	520	ug/Kg
86-74-8	Carbazole	520	U	3400	520	ug/Kg
84-74-2	Di-n-butylphthalate	520	U	3400	520	ug/Kg
206-44-0	Fluoranthene	510	U	3400	510	ug/Kg
129-00-0	Pyrene	610	U	3400	610	ug/Kg
85-68-7	Butylbenzylphthalate	550	U	3400	550	ug/Kg
91-94-1	3,3-Dichlorobenzidine	590	U	3400	590	ug/Kg
56-55-3	Benzo(a)anthracene	480	U	3400	480	ug/Kg
218-01-9	Chrysene	620	U	3400	620	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	270000	E	3400	660	ug/Kg
117-84-0	Di-n-octyl phthalate	580	U	3400	580	ug/Kg
205-99-2	Benzo(b)fluoranthene	380	U	3400	380	ug/Kg
207-08-9	Benzo(k)fluoranthene	750	U	3400	750	ug/Kg
50-32-8	Benzo(a)pyrene	550	U	3400	550	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E11 (8-12)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-04**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**4**
Sample Wt/Wol:	**30.2 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039380.D	**10**	**8/23/2007**	**8/23/2007**	**BB082207**

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	430	U	3400	430	ug/Kg
53-70-3	Dibenz(a,h)anthracene	430	U	3400	430	ug/Kg
191-24-2	Benzo(g,h,i)perylene	570	U	3400	570	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	38.2	25 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	39.1	26 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	29	29 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	27.8	28 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	32.7	22 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	24	24 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	455275	4.89			
1146-65-2	Naphthalene-d8	1935695	7.08			
15067-26-2	Acenaphthene-d10	852036	10.40			
1517-22-2	Phenanthrene-d10	1302836	13.28			
1719-03-5	Chrysene-d12	981321	18.47			
1520-96-3	Perylene-d12	671454	21.14			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E11 (8-12)DL	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-04DL	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	4
Sample Wt/Vol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE042760.D	2500	8/23/2007	8/29/2007	BE082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	180000	UD	850000	180000	ug/Kg
108-95-2	Phenol	130000	UD	850000	130000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140000	UD	850000	140000	ug/Kg
95-57-8	2-Chlorophenol	140000	UD	850000	140000	ug/Kg
95-48-7	2-Methylphenol	140000	UD	850000	140000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140000	UD	850000	140000	ug/Kg
98-86-2	Acetophenone	130000	UD	850000	130000	ug/Kg
106-44-5	3+4-Methylphenols	140000	UD	850000	140000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	140000	UD	850000	140000	ug/Kg
67-72-1	Hexachloroethane	150000	UD	850000	150000	ug/Kg
98-95-3	Nitrobenzene	190000	UD	850000	190000	ug/Kg
78-59-1	Isophorone	130000	UD	850000	130000	ug/Kg
88-75-5	2-Nitrophenol	130000	UD	850000	130000	ug/Kg
105-67-9	2,4-Dimethylphenol	140000	UD	850000	140000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140000	UD	850000	140000	ug/Kg
120-83-2	2,4-Dichlorophenol	160000	UD	850000	160000	ug/Kg
91-20-3	Naphthalene	150000	UD	850000	150000	ug/Kg
106-47-8	4-Chloroaniline	100000	UD	850000	100000	ug/Kg
87-68-3	Hexachlorobutadiene	130000	UD	850000	130000	ug/Kg
105-60-2	Caprolactam	140000	UD	850000	140000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120000	UD	850000	120000	ug/Kg
91-57-6	2-Methylnaphthalene	140000	UD	850000	140000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140000	UD	850000	140000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130000	UD	850000	130000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130000	UD	2100000	130000	ug/Kg
92-52-4	1,1-Biphenyl	140000	UD	850000	140000	ug/Kg
91-58-7	2-Chloronaphthalene	140000	UD	850000	140000	ug/Kg
88-74-4	2-Nitroaniline	110000	UD	2100000	110000	ug/Kg
131-11-3	Dimethylphthalate	140000	UD	850000	140000	ug/Kg
208-96-8	Acenaphthylene	140000	UD	850000	140000	ug/Kg
606-20-2	2,6-Dinitrotoluene	120000	UD	850000	120000	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E11 (8-12)DL	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-04DL	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	4
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE042760.D	2500	8/23/2007	8/29/2007	BE082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	110000	UD	2100000	110000	ug/Kg
83-32-9	Acenaphthene	150000	UD	850000	150000	ug/Kg
51-28-5	2,4-Dinitrophenol	730000	UD	2100000	730000	ug/Kg
100-02-7	4-Nitrophenol	110000	UD	2100000	110000	ug/Kg
132-64-9	Dibenzofuran	140000	UD	850000	140000	ug/Kg
121-14-2	2,4-Dinitrotoluene	130000	UD	850000	130000	ug/Kg
84-66-2	Diethylphthalate	150000	UD	850000	150000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140000	UD	850000	140000	ug/Kg
86-73-7	Fluorene	140000	UD	850000	140000	ug/Kg
100-01-6	4-Nitroaniline	150000	UD	2100000	150000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	170000	UD	2100000	170000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	140000	UD	850000	140000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130000	UD	850000	130000	ug/Kg
118-74-1	Hexachlorobenzene	140000	UD	850000	140000	ug/Kg
1912-24-9	Atrazine	130000	UD	850000	130000	ug/Kg
87-86-5	Pentachlorophenol	200000	UD	2100000	200000	ug/Kg
85-01-8	Phenanthrene	140000	UD	850000	140000	ug/Kg
120-12-7	Anthracene	130000	UD	850000	130000	ug/Kg
86-74-8	Carbazole	130000	UD	850000	130000	ug/Kg
84-74-2	Di-n-butylphthalate	130000	UD	850000	130000	ug/Kg
206-44-0	Fluoranthene	130000	UD	850000	130000	ug/Kg
129-00-0	Pyrene	150000	UD	850000	150000	ug/Kg
85-68-7	Butylbenzylphthalate	140000	UD	850000	140000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150000	UD	850000	150000	ug/Kg
56-55-3	Benzo(a)anthracene	120000	UD	850000	120000	ug/Kg
218-01-9	Chrysene	150000	UD	850000	150000	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	2500000	D	850000	160000	ug/Kg
117-84-0	Di-n-octyl phthalate	150000	UD	850000	150000	ug/Kg
205-99-2	Benzo(b)fluoranthene	94000	UD	850000	94000	ug/Kg
207-08-9	Benzo(k)fluoranthene	190000	UD	850000	190000	ug/Kg
50-32-8	Benzo(a)pyrene	140000	UD	850000	140000	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E11 (8-12)DL	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-04DL	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	4
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE042760.D	2500	8/23/2007	8/29/2007	BE082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	110000	UD	850000	110000	ug/Kg
53-70-3	Dibenz(a,h)anthracene	110000	UD	850000	110000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140000	UD	850000	140000	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	0	0 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	0	0 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	0	0 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	0	0 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	25	17 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	125	125 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	68362	6.38			
1146-65-2	Naphthalene-d8	283841	8.29			
15067-26-2	Acenaphthene-d10	152051	11.03			
1517-22-2	Phenanthrene-d10	248975	12.66			
1719-03-5	Chrysene-d12	238632	15.17			
1520-96-3	Perylene-d12	208415	17.56			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E9 (0-4)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-05	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Vol:	30.0 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039383.D	1	8/23/2007	8/24/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	73	U	350	73	ug/Kg
108-95-2	Phenol	54	U	350	54	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56	U	350	56	ug/Kg
95-57-8	2-Chlorophenol	57	U	350	57	ug/Kg
95-48-7	2-Methylphenol	59	U	350	59	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57	U	350	57	ug/Kg
98-86-2	Acetophenone	52	U	350	52	ug/Kg
106-44-5	3+4-Methylphenols	56	U	350	56	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	350	59	ug/Kg
67-72-1	Hexachloroethane	60	U	350	60	ug/Kg
98-95-3	Nitrobenzene	78	U	350	78	ug/Kg
78-59-1	Isophorone	53	U	350	53	ug/Kg
88-75-5	2-Nitrophenol	55	U	350	55	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	350	56	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58	U	350	58	ug/Kg
120-83-2	2,4-Dichlorophenol	66	U	350	66	ug/Kg
91-20-3	Naphthalene	61	U	350	61	ug/Kg
106-47-8	4-Chloroaniline	42	U	350	42	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	350	55	ug/Kg
105-60-2	Caprolactam	57	U	350	57	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	350	49	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	350	59	ug/Kg
77-47-4	Hexachlorocyclopentadiene	57	U	350	57	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	350	52	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	890	54	ug/Kg
92-52-4	1,1-Biphenyl	59	U	350	59	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	350	59	ug/Kg
88-74-4	2-Nitroaniline	45	U	890	45	ug/Kg
131-11-3	Dimethylphthalate	57	U	350	57	ug/Kg
208-96-8	Acenaphthylene	58	U	350	58	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	350	50	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E9 (0-4)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-05	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Vol:	30.0 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039383.D	1	8/23/2007	8/24/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	46	U	890	46	ug/Kg
83-32-9	Acenaphthene	63	U	350	63	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	890	300	ug/Kg
100-02-7	4-Nitrophenol	44	U	890	44	ug/Kg
132-64-9	Dibenzofuran	59	U	350	59	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	350	52	ug/Kg
84-66-2	Diethylphthalate	61	U	350	61	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	350	56	ug/Kg
86-73-7	Fluorene	60	U	350	60	ug/Kg
100-01-6	4-Nitroaniline	61	U	890	61	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	69	U	890	69	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	350	59	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	350	53	ug/Kg
118-74-1	Hexachlorobenzene	57	U	350	57	ug/Kg
1912-24-9	Atrazine	54	U	350	54	ug/Kg
87-86-5	Pentachlorophenol	82	U	890	82	ug/Kg
85-01-8	Phenanthrene	530		350	57	ug/Kg
120-12-7	Anthracene	70	J	350	54	ug/Kg
86-74-8	Carbazole	54	U	350	54	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	350	54	ug/Kg
206-44-0	Fluoranthene	1000		350	53	ug/Kg
129-00-0	Pyrene	1200		350	63	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	350	57	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	350	61	ug/Kg
56-55-3	Benzo(a)anthracene	570		350	50	ug/Kg
218-01-9	Chrysene	610		350	64	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	9800	E	350	68	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	350	60	ug/Kg
205-99-2	Benzo(b)fluoranthene	840		350	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	J	350	78	ug/Kg
50-32-8	Benzo(a)pyrene	520		350	57	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E9 (0-4)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-05	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Wol:	30.0 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039383.D	1	8/23/2007	8/24/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	350	45	ug/Kg
53-70-3	Dibenz(a,h)anthracene	45	U	350	45	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	J	350	59	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	86.89	58 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	96.28	64 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	66.33	66 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	69.41	69 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	80.78	54 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	78.99	79 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	211092	4.89			
1146-65-2	Naphthalene-d8	902278	7.07			
15067-26-2	Acenaphthene-d10	436975	10.40			
1517-22-2	Phenanthrene-d10	634249	13.28			
1719-03-5	Chrysene-d12	450201	18.47			
1520-96-3	Perylene-d12	256661	21.07			

U = Not Detected
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E9 (0-4)DL	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-05DL	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Vol:	30.0 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE042759.D	10	8/23/2007	8/29/2007	BE082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	730	UD	3500	730	ug/Kg
108-95-2	Phenol	540	UD	3500	540	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	560	UD	3500	560	ug/Kg
95-57-8	2-Chlorophenol	570	UD	3500	570	ug/Kg
95-48-7	2-Methylphenol	590	UD	3500	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	570	UD	3500	570	ug/Kg
98-86-2	Acetophenone	520	UD	3500	520	ug/Kg
106-44-5	3+4-Methylphenols	560	UD	3500	560	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	590	UD	3500	590	ug/Kg
67-72-1	Hexachloroethane	600	UD	3500	600	ug/Kg
98-95-3	Nitrobenzene	780	UD	3500	780	ug/Kg
78-59-1	Isophorone	530	UD	3500	530	ug/Kg
88-75-5	2-Nitrophenol	550	UD	3500	550	ug/Kg
105-67-9	2,4-Dimethylphenol	560	UD	3500	560	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	580	UD	3500	580	ug/Kg
120-83-2	2,4-Dichlorophenol	660	UD	3500	660	ug/Kg
91-20-3	Naphthalene	610	UD	3500	610	ug/Kg
106-47-8	4-Chloroaniline	420	UD	3500	420	ug/Kg
87-68-3	Hexachlorobutadiene	550	UD	3500	550	ug/Kg
105-60-2	Caprolactam	570	UD	3500	570	ug/Kg
59-50-7	4-Chloro-3-methylphenol	490	UD	3500	490	ug/Kg
91-57-6	2-Methylnaphthalene	590	UD	3500	590	ug/Kg
77-47-4	Hexachlorocyclopentadiene	570	UD	3500	570	ug/Kg
88-06-2	2,4,6-Trichlorophenol	520	UD	3500	520	ug/Kg
95-95-4	2,4,5-Trichlorophenol	540	UD	8900	540	ug/Kg
92-52-4	1,1-Biphenyl	590	UD	3500	590	ug/Kg
91-58-7	2-Chloronaphthalene	590	UD	3500	590	ug/Kg
88-74-4	2-Nitroaniline	450	UD	8900	450	ug/Kg
131-11-3	Dimethylphthalate	570	UD	3500	570	ug/Kg
208-96-8	Acenaphthylene	580	UD	3500	580	ug/Kg
606-20-2	2,6-Dinitrotoluene	500	UD	3500	500	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E9 (0-4)DL	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-05DL	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Wol:	30.0 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE042759.D	10	8/23/2007	8/29/2007	BE082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	460	UD	8900	460	ug/Kg
83-32-9	Acenaphthene	630	UD	3500	630	ug/Kg
51-28-5	2,4-Dinitrophenol	3000	UD	8900	3000	ug/Kg
100-02-7	4-Nitrophenol	440	UD	8900	440	ug/Kg
132-64-9	Dibenzofuran	590	UD	3500	590	ug/Kg
121-14-2	2,4-Dinitrotoluene	520	UD	3500	520	ug/Kg
84-66-2	Diethylphthalate	610	UD	3500	610	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	560	UD	3500	560	ug/Kg
86-73-7	Fluorene	600	UD	3500	600	ug/Kg
100-01-6	4-Nitroaniline	610	UD	8900	610	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	690	UD	8900	690	ug/Kg
86-30-6	N-Nitrosodiphenylamine	590	UD	3500	590	ug/Kg
101-55-3	4-Bromophenyl-phenylether	530	UD	3500	530	ug/Kg
118-74-1	Hexachlorobenzene	570	UD	3500	570	ug/Kg
1912-24-9	Atrazine	540	UD	3500	540	ug/Kg
87-86-5	Pentachlorophenol	820	UD	8900	820	ug/Kg
85-01-8	Phenanthrene	730	JD	3500	570	ug/Kg
120-12-7	Anthracene	540	UD	3500	540	ug/Kg
86-74-8	Carbazole	540	UD	3500	540	ug/Kg
84-74-2	Di-n-butylphthalate	540	UD	3500	540	ug/Kg
206-44-0	Fluoranthene	1600	JD	3500	530	ug/Kg
129-00-0	Pyrene	1300	JD	3500	630	ug/Kg
85-68-7	Butylbenzylphthalate	570	UD	3500	570	ug/Kg
91-94-1	3,3-Dichlorobenzidine	610	UD	3500	610	ug/Kg
56-55-3	Benzo(a)anthracene	630	JD	3500	500	ug/Kg
218-01-9	Chrysene	690	JD	3500	640	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	7400	D	3500	680	ug/Kg
117-84-0	Di-n-octyl phthalate	600	UD	3500	600	ug/Kg
205-99-2	Benzo(b)fluoranthene	850	JD	3500	390	ug/Kg
207-08-9	Benzo(k)fluoranthene	780	UD	3500	780	ug/Kg
50-32-8	Benzo(a)pyrene	590	JD	3500	570	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E9 (0-4)DL	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-05DL	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Vol:	30.0 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE042759.D	10	8/23/2007	8/29/2007	BE082407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	450	UD	3500	450	ug/Kg
53-70-3	Dibenz(a,h)anthracene	450	UD	3500	450	ug/Kg
191-24-2	Benzo(g,h,i)perylene	590	UD	3500	590	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	104.1	69 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	103.6	69 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	66.2	66 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	92.39	92 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	97.7	65 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	102	102 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	80470	6.38			
1146-65-2	Naphthalene-d8	325943	8.29			
15067-26-2	Acenaphthene-d10	166221	11.03			
1517-22-2	Phenanthrene-d10	274920	12.66			
1719-03-5	Chrysene-d12	258594	15.17			
1520-96-3	Perylene-d12	228496	17.56			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E9 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-06	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	22
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039381.D	1	8/23/2007	8/23/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	87	U	420	87	ug/Kg
108-95-2	Phenol	64	U	420	64	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	67	U	420	67	ug/Kg
95-57-8	2-Chlorophenol	67	U	420	67	ug/Kg
95-48-7	2-Methylphenol	70	U	420	70	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68	U	420	68	ug/Kg
98-86-2	Acetophenone	62	U	420	62	ug/Kg
106-44-5	3+4-Methylphenols	67	U	420	67	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	70	U	420	70	ug/Kg
67-72-1	Hexachloroethane	72	U	420	72	ug/Kg
98-95-3	Nitrobenzene	92	U	420	92	ug/Kg
78-59-1	Isophorone	63	U	420	63	ug/Kg
88-75-5	2-Nitrophenol	65	U	420	65	ug/Kg
105-67-9	2,4-Dimethylphenol	67	U	420	67	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	69	U	420	69	ug/Kg
120-83-2	2,4-Dichlorophenol	78	U	420	78	ug/Kg
91-20-3	Naphthalene	72	U	420	72	ug/Kg
106-47-8	4-Chloroaniline	50	U	420	50	ug/Kg
87-68-3	Hexachlorobutadiene	65	U	420	65	ug/Kg
105-60-2	Caprolactam	68	U	420	68	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	420	58	ug/Kg
91-57-6	2-Methylnaphthalene	70	U	420	70	ug/Kg
77-47-4	Hexachlorocyclopentadiene	67	U	420	67	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	420	62	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	1100	64	ug/Kg
92-52-4	1,1-Biphenyl	69	U	420	69	ug/Kg
91-58-7	2-Chloronaphthalene	70	U	420	70	ug/Kg
88-74-4	2-Nitroaniline	54	U	1100	54	ug/Kg
131-11-3	Dimethylphthalate	68	U	420	68	ug/Kg
208-96-8	Acenaphthylene	68	U	420	68	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	420	60	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E9 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-06	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	22
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039381.D	1	8/23/2007	8/23/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	55	U	1100	55	ug/Kg
83-32-9	Acenaphthene	75	U	420	75	ug/Kg
51-28-5	2,4-Dinitrophenol	360	U	1100	360	ug/Kg
100-02-7	4-Nitrophenol	52	U	1100	52	ug/Kg
132-64-9	Dibenzofuran	70	U	420	70	ug/Kg
121-14-2	2,4-Dinitrotoluene	62	U	420	62	ug/Kg
84-66-2	Diethylphthalate	73	U	420	73	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	67	U	420	67	ug/Kg
86-73-7	Fluorene	71	U	420	71	ug/Kg
100-01-6	4-Nitroaniline	72	U	1100	72	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82	U	1100	82	ug/Kg
86-30-6	N-Nitrosodiphenylamine	69	U	420	69	ug/Kg
101-55-3	4-Bromophenyl-phenylether	63	U	420	63	ug/Kg
118-74-1	Hexachlorobenzene	67	U	420	67	ug/Kg
1912-24-9	Atrazine	65	U	420	65	ug/Kg
87-86-5	Pentachlorophenol	98	U	1100	98	ug/Kg
85-01-8	Phenanthrene	67	U	420	67	ug/Kg
120-12-7	Anthracene	64	U	420	64	ug/Kg
86-74-8	Carbazole	64	U	420	64	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	420	64	ug/Kg
206-44-0	Fluoranthene	63	U	420	63	ug/Kg
129-00-0	Pyrene	75	U	420	75	ug/Kg
85-68-7	Butylbenzylphthalate	68	U	420	68	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72	U	420	72	ug/Kg
56-55-3	Benzo(a)anthracene	59	U	420	59	ug/Kg
218-01-9	Chrysene	76	U	420	76	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	31000	E	420	81	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		420	72	ug/Kg
205-99-2	Benzo(b)fluoranthene	46	U	420	46	ug/Kg
207-08-9	Benzo(k)fluoranthene	93	U	420	93	ug/Kg
50-32-8	Benzo(a)pyrene	67	U	420	67	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E9 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-06	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	22
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039381.D	1	8/23/2007	8/23/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	420	54	ug/Kg
53-70-3	Dibenz(a,h)anthracene	53	U	420	53	ug/Kg
191-24-2	Benzo(g,h,i)perylene	70	U	420	70	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	85.04	57 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	94.64	63 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	65.07	65 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	69.07	69 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	80.77	54 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	76.7	77 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	220405	4.89			
1146-65-2	Naphthalene-d8	955717	7.07			
15067-26-2	Acenaphthene-d10	445178	10.41			
1517-22-2	Phenanthrene-d10	608916	13.27			
1719-03-5	Chrysene-d12	413864	18.48			
1520-96-3	Perylene-d12	275218	21.08			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E9 (8-12)DL	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-06DL	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	22
Sample Wt/Vol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039428.D	50	8/23/2007	8/25/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	4300	UD	21000	4300	ug/Kg
108-95-2	Phenol	3200	UD	21000	3200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	3300	UD	21000	3300	ug/Kg
95-57-8	2-Chlorophenol	3400	UD	21000	3400	ug/Kg
95-48-7	2-Methylphenol	3500	UD	21000	3500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3400	UD	21000	3400	ug/Kg
98-86-2	Acetophenone	3100	UD	21000	3100	ug/Kg
106-44-5	3+4-Methylphenols	3300	UD	21000	3300	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3500	UD	21000	3500	ug/Kg
67-72-1	Hexachloroethane	3600	UD	21000	3600	ug/Kg
98-95-3	Nitrobenzene	4600	UD	21000	4600	ug/Kg
78-59-1	Isophorone	3200	UD	21000	3200	ug/Kg
88-75-5	2-Nitrophenol	3200	UD	21000	3200	ug/Kg
105-67-9	2,4-Dimethylphenol	3300	UD	21000	3300	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	3500	UD	21000	3500	ug/Kg
120-83-2	2,4-Dichlorophenol	3900	UD	21000	3900	ug/Kg
91-20-3	Naphthalene	3600	UD	21000	3600	ug/Kg
106-47-8	4-Chloroaniline	2500	UD	21000	2500	ug/Kg
87-68-3	Hexachlorobutadiene	3200	UD	21000	3200	ug/Kg
105-60-2	Caprolactam	3400	UD	21000	3400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2900	UD	21000	2900	ug/Kg
91-57-6	2-Methylnaphthalene	3500	UD	21000	3500	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3400	UD	21000	3400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3100	UD	21000	3100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3200	UD	53000	3200	ug/Kg
92-52-4	1,1-Biphenyl	3500	UD	21000	3500	ug/Kg
91-58-7	2-Chloronaphthalene	3500	UD	21000	3500	ug/Kg
88-74-4	2-Nitroaniline	2700	UD	53000	2700	ug/Kg
131-11-3	Dimethylphthalate	3400	UD	21000	3400	ug/Kg
208-96-8	Acenaphthylene	3400	UD	21000	3400	ug/Kg
606-20-2	2,6-Dinitrotoluene	3000	UD	21000	3000	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E9 (8-12)DL	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-06DL	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	22
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039428.D	50	8/23/2007	8/25/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	2700	UD	53000	2700	ug/Kg
83-32-9	Acenaphthene	3800	UD	21000	3800	ug/Kg
51-28-5	2,4-Dinitrophenol	18000	UD	53000	18000	ug/Kg
100-02-7	4-Nitrophenol	2600	UD	53000	2600	ug/Kg
132-64-9	Dibenzofuran	3500	UD	21000	3500	ug/Kg
121-14-2	2,4-Dinitrotoluene	3100	UD	21000	3100	ug/Kg
84-66-2	Diethylphthalate	3600	UD	21000	3600	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3300	UD	21000	3300	ug/Kg
86-73-7	Fluorene	3600	UD	21000	3600	ug/Kg
100-01-6	4-Nitroaniline	3600	UD	53000	3600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4100	UD	53000	4100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	3500	UD	21000	3500	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3100	UD	21000	3100	ug/Kg
118-74-1	Hexachlorobenzene	3400	UD	21000	3400	ug/Kg
1912-24-9	Atrazine	3200	UD	21000	3200	ug/Kg
87-86-5	Pentachlorophenol	4900	UD	53000	4900	ug/Kg
85-01-8	Phenanthrene	3400	UD	21000	3400	ug/Kg
120-12-7	Anthracene	3200	UD	21000	3200	ug/Kg
86-74-8	Carbazole	3200	UD	21000	3200	ug/Kg
84-74-2	Di-n-butylphthalate	3200	UD	21000	3200	ug/Kg
206-44-0	Fluoranthene	3100	UD	21000	3100	ug/Kg
129-00-0	Pyrene	3700	UD	21000	3700	ug/Kg
85-68-7	Butylbenzylphthalate	3400	UD	21000	3400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3600	UD	21000	3600	ug/Kg
56-55-3	Benzo(a)anthracene	2900	UD	21000	2900	ug/Kg
218-01-9	Chrysene	3800	UD	21000	3800	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	38000	D	21000	4000	ug/Kg
117-84-0	Di-n-octyl phthalate	3600	UD	21000	3600	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300	UD	21000	2300	ug/Kg
207-08-9	Benzo(k)fluoranthene	4600	UD	21000	4600	ug/Kg
50-32-8	Benzo(a)pyrene	3400	UD	21000	3400	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E9 (8-12)DL	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-06DL	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	22
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039428.D	50	8/23/2007	8/25/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	2700	UD	21000	2700	ug/Kg
53-70-3	Dibenz(a,h)anthracene	2600	UD	21000	2600	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3500	UD	21000	3500	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	75.5	50 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	80	53 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	53.5	54 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	56	56 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	44	29 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	60	60 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	305618	4.89			
1146-65-2	Naphthalene-d8	1334939	7.08			
15067-26-2	Acenaphthene-d10	636710	10.41			
1517-22-2	Phenanthrene-d10	920410	13.28			
1719-03-5	Chrysene-d12	575174	18.47			
1520-96-3	Perylene-d12	361523	21.08			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E8 (0-4)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-07	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	6
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039379.D	5	8/23/2007	8/23/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	360	U	1700	360	ug/Kg
108-95-2	Phenol	270	U	1700	270	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	U	1700	280	ug/Kg
95-57-8	2-Chlorophenol	280	U	1700	280	ug/Kg
95-48-7	2-Methylphenol	290	U	1700	290	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	280	U	1700	280	ug/Kg
98-86-2	Acetophenone	260	U	1700	260	ug/Kg
106-44-5	3+4-Methylphenols	280	U	1700	280	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	290	U	1700	290	ug/Kg
67-72-1	Hexachloroethane	300	U	1700	300	ug/Kg
98-95-3	Nitrobenzene	380	U	1700	380	ug/Kg
78-59-1	Isophorone	260	U	1700	260	ug/Kg
88-75-5	2-Nitrophenol	270	U	1700	270	ug/Kg
105-67-9	2,4-Dimethylphenol	280	U	1700	280	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	290	U	1700	290	ug/Kg
120-83-2	2,4-Dichlorophenol	320	U	1700	320	ug/Kg
91-20-3	Naphthalene	300	U	1700	300	ug/Kg
106-47-8	4-Chloroaniline	210	U	1700	210	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	1700	270	ug/Kg
105-60-2	Caprolactam	280	U	1700	280	ug/Kg
59-50-7	4-Chloro-3-methylphenol	240	U	1700	240	ug/Kg
91-57-6	2-Methylnaphthalene	290	U	1700	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	280	U	1700	280	ug/Kg
88-06-2	2,4,6-Trichlorophenol	260	U	1700	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	270	U	4400	270	ug/Kg
92-52-4	1,1-Biphenyl	290	U	1700	290	ug/Kg
91-58-7	2-Chloronaphthalene	290	U	1700	290	ug/Kg
88-74-4	2-Nitroaniline	220	U	4400	220	ug/Kg
131-11-3	Dimethylphthalate	280	U	1700	280	ug/Kg
208-96-8	Acenaphthylene	280	U	1700	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	250	U	1700	250	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E8 (0-4)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-07	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	6
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039379.D	5	8/23/2007	8/23/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	230	U	4400	230	ug/Kg
83-32-9	Acenaphthene	620	J	1700	310	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	4400	1500	ug/Kg
100-02-7	4-Nitrophenol	220	U	4400	220	ug/Kg
132-64-9	Dibenzofuran	290	U	1700	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	260	U	1700	260	ug/Kg
84-66-2	Diethylphthalate	300	U	1700	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	1700	280	ug/Kg
86-73-7	Fluorene	300	U	1700	300	ug/Kg
100-01-6	4-Nitroaniline	300	U	4400	300	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	340	U	4400	340	ug/Kg
86-30-6	N-Nitrosodiphenylamine	290	U	1700	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	1700	260	ug/Kg
118-74-1	Hexachlorobenzene	280	U	1700	280	ug/Kg
1912-24-9	Atrazine	270	U	1700	270	ug/Kg
87-86-5	Pentachlorophenol	410	U	4400	410	ug/Kg
85-01-8	Phenanthrene	6300		1700	280	ug/Kg
120-12-7	Anthracene	920	J	1700	260	ug/Kg
86-74-8	Carbazole	320	J	1700	270	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	1700	270	ug/Kg
206-44-0	Fluoranthene	7100		1700	260	ug/Kg
129-00-0	Pyrene	7300		1700	310	ug/Kg
85-68-7	Butylbenzylphthalate	280	U	1700	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	U	1700	300	ug/Kg
56-55-3	Benzo(a)anthracene	3200		1700	250	ug/Kg
218-01-9	Chrysene	3100		1700	310	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	740	J	1700	340	ug/Kg
117-84-0	Di-n-octyl phthalate	300	U	1700	300	ug/Kg
205-99-2	Benzo(b)fluoranthene	2800		1700	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000	J	1700	390	ug/Kg
50-32-8	Benzo(a)pyrene	2100		1700	280	ug/Kg

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E8 (0-4)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-07**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**6**
Sample Wt/Vol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039379.D	5	8/23/2007	8/23/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	1100	J	1700	220	ug/Kg
53-70-3	Dibenz(a,h)anthracene	220	U	1700	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200	J	1700	290	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	80.85	54 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	85.45	57 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	55.15	55 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	59.9	60 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	61.05	41 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	50.4	50 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	244239	4.89			
1146-65-2	Naphthalene-d8	1131775	7.07			
15067-26-2	Acenaphthene-d10	526700	10.40			
1517-22-2	Phenanthrene-d10	755688	13.27			
1719-03-5	Chrysene-d12	594884	18.47			
1520-96-3	Perylene-d12	478684	21.06			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E8 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-08	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	14
Sample Wt/Wol:	30.0 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039382.D	1	8/23/2007	8/24/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	79	U	380	79	ug/Kg
108-95-2	Phenol	1800		380	58	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61	U	380	61	ug/Kg
95-57-8	2-Chlorophenol	61	U	380	61	ug/Kg
95-48-7	2-Methylphenol	64	U	380	64	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62	U	380	62	ug/Kg
98-86-2	Acetophenone	56	U	380	56	ug/Kg
106-44-5	3+4-Methylphenols	61	U	380	61	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	64	U	380	64	ug/Kg
67-72-1	Hexachloroethane	65	U	380	65	ug/Kg
98-95-3	Nitrobenzene	84	U	380	84	ug/Kg
78-59-1	Isophorone	58	U	380	58	ug/Kg
88-75-5	2-Nitrophenol	59	U	380	59	ug/Kg
105-67-9	2,4-Dimethylphenol	61	U	380	61	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	63	U	380	63	ug/Kg
120-83-2	2,4-Dichlorophenol	71	U	380	71	ug/Kg
91-20-3	Naphthalene	66	U	380	66	ug/Kg
106-47-8	4-Chloroaniline	46	U	380	46	ug/Kg
87-68-3	Hexachlorobutadiene	59	U	380	59	ug/Kg
105-60-2	Caprolactam	62	U	380	62	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	380	53	ug/Kg
91-57-6	2-Methylnaphthalene	64	U	380	64	ug/Kg
77-47-4	Hexachlorocyclopentadiene	61	U	380	61	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	380	56	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	960	59	ug/Kg
92-52-4	1,1-Biphenyl	63	U	380	63	ug/Kg
91-58-7	2-Chloronaphthalene	64	U	380	64	ug/Kg
88-74-4	2-Nitroaniline	49	U	960	49	ug/Kg
131-11-3	Dimethylphthalate	62	U	380	62	ug/Kg
208-96-8	Acenaphthylene	62	U	380	62	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	380	54	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E8 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-08	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	14
Sample Wt/Vol:	30.0 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039382.D	1	8/23/2007	8/24/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	50	U	960	50	ug/Kg
83-32-9	Acenaphthene	68	U	380	68	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	960	330	ug/Kg
100-02-7	4-Nitrophenol	48	U	960	48	ug/Kg
132-64-9	Dibenzofuran	63	U	380	63	ug/Kg
121-14-2	2,4-Dinitrotoluene	56	U	380	56	ug/Kg
84-66-2	Diethylphthalate	66	U	380	66	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	380	61	ug/Kg
86-73-7	Fluorene	65	U	380	65	ug/Kg
100-01-6	4-Nitroaniline	66	U	960	66	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75	U	960	75	ug/Kg
86-30-6	N-Nitrosodiphenylamine	63	U	380	63	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	380	57	ug/Kg
118-74-1	Hexachlorobenzene	61	U	380	61	ug/Kg
1912-24-9	Atrazine	59	U	380	59	ug/Kg
87-86-5	Pentachlorophenol	89	U	960	89	ug/Kg
85-01-8	Phenanthrene	170	J	380	61	ug/Kg
120-12-7	Anthracene	58	U	380	58	ug/Kg
86-74-8	Carbazole	59	U	380	59	ug/Kg
84-74-2	Di-n-butylphthalate	59	U	380	59	ug/Kg
206-44-0	Fluoranthene	160	J	380	57	ug/Kg
129-00-0	Pyrene	200	J	380	68	ug/Kg
85-68-7	Butylbenzylphthalate	62	U	380	62	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	380	66	ug/Kg
56-55-3	Benzo(a)anthracene	100	J	380	54	ug/Kg
218-01-9	Chrysene	90	J	380	69	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	21000	E	380	74	ug/Kg
117-84-0	Di-n-octyl phthalate	65	U	380	65	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	380	42	ug/Kg
207-08-9	Benzo(k)fluoranthene	85	U	380	85	ug/Kg
50-32-8	Benzo(a)pyrene	61	U	380	61	ug/Kg

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E8 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-08	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	14
Sample Wt/Vol:	30.0 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039382.D	1	8/23/2007	8/24/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	49	U	380	49	ug/Kg
53-70-3	Dibenz(a,h)anthracene	48	U	380	48	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63	U	380	63	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	90.15	60 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	94.57	63 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	67.55	68 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	71.05	71 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	86.04	57 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	75.75	76 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	182987	4.90			
1146-65-2	Naphthalene-d8	772338	7.07			
15067-26-2	Acenaphthene-d10	356965	10.40			
1517-22-2	Phenanthrene-d10	472387	13.28			
1719-03-5	Chrysene-d12	359116	18.47			
1520-96-3	Perylene-d12	198866	21.13			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E8 (8-12)DL	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-08DL	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	14
Sample Wt/Vol:	30.0 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039429.D	10	8/23/2007	8/25/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	790	UD	3800	790	ug/Kg
108-95-2	Phenol	1400	JD	3800	580	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	610	UD	3800	610	ug/Kg
95-57-8	2-Chlorophenol	610	UD	3800	610	ug/Kg
95-48-7	2-Methylphenol	640	UD	3800	640	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	620	UD	3800	620	ug/Kg
98-86-2	Acetophenone	560	UD	3800	560	ug/Kg
106-44-5	3+4-Methylphenols	610	UD	3800	610	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	640	UD	3800	640	ug/Kg
67-72-1	Hexachloroethane	650	UD	3800	650	ug/Kg
98-95-3	Nitrobenzene	840	UD	3800	840	ug/Kg
78-59-1	Isophorone	580	UD	3800	580	ug/Kg
88-75-5	2-Nitrophenol	590	UD	3800	590	ug/Kg
105-67-9	2,4-Dimethylphenol	610	UD	3800	610	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	630	UD	3800	630	ug/Kg
120-83-2	2,4-Dichlorophenol	710	UD	3800	710	ug/Kg
91-20-3	Naphthalene	660	UD	3800	660	ug/Kg
106-47-8	4-Chloroaniline	460	UD	3800	460	ug/Kg
87-68-3	Hexachlorobutadiene	590	UD	3800	590	ug/Kg
105-60-2	Caprolactam	620	UD	3800	620	ug/Kg
59-50-7	4-Chloro-3-methylphenol	530	UD	3800	530	ug/Kg
91-57-6	2-Methylnaphthalene	640	UD	3800	640	ug/Kg
77-47-4	Hexachlorocyclopentadiene	610	UD	3800	610	ug/Kg
88-06-2	2,4,6-Trichlorophenol	560	UD	3800	560	ug/Kg
95-95-4	2,4,5-Trichlorophenol	590	UD	9600	590	ug/Kg
92-52-4	1,1-Biphenyl	630	UD	3800	630	ug/Kg
91-58-7	2-Chloronaphthalene	640	UD	3800	640	ug/Kg
88-74-4	2-Nitroaniline	490	UD	9600	490	ug/Kg
131-11-3	Dimethylphthalate	620	UD	3800	620	ug/Kg
208-96-8	Acenaphthylene	620	UD	3800	620	ug/Kg
606-20-2	2,6-Dinitrotoluene	540	UD	3800	540	ug/Kg

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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E8 (8-12)DL	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-08DL	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	14
Sample Wt/Vol:	30.0 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039429.D	10	8/23/2007	8/25/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	500	UD	9600	500	ug/Kg
83-32-9	Acenaphthene	680	UD	3800	680	ug/Kg
51-28-5	2,4-Dinitrophenol	3300	UD	9600	3300	ug/Kg
100-02-7	4-Nitrophenol	480	UD	9600	480	ug/Kg
132-64-9	Dibenzofuran	630	UD	3800	630	ug/Kg
121-14-2	2,4-Dinitrotoluene	560	UD	3800	560	ug/Kg
84-66-2	Diethylphthalate	660	UD	3800	660	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	610	UD	3800	610	ug/Kg
86-73-7	Fluorene	650	UD	3800	650	ug/Kg
100-01-6	4-Nitroaniline	660	UD	9600	660	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	750	UD	9600	750	ug/Kg
86-30-6	N-Nitrosodiphenylamine	630	UD	3800	630	ug/Kg
101-55-3	4-Bromophenyl-phenylether	570	UD	3800	570	ug/Kg
118-74-1	Hexachlorobenzene	610	UD	3800	610	ug/Kg
1912-24-9	Atrazine	590	UD	3800	590	ug/Kg
87-86-5	Pentachlorophenol	890	UD	9600	890	ug/Kg
85-01-8	Phenanthrene	610	UD	3800	610	ug/Kg
120-12-7	Anthracene	580	UD	3800	580	ug/Kg
86-74-8	Carbazole	590	UD	3800	590	ug/Kg
84-74-2	Di-n-butylphthalate	590	UD	3800	590	ug/Kg
206-44-0	Fluoranthene	570	UD	3800	570	ug/Kg
129-00-0	Pyrene	680	UD	3800	680	ug/Kg
85-68-7	Butylbenzylphthalate	620	UD	3800	620	ug/Kg
91-94-1	3,3-Dichlorobenzidine	660	UD	3800	660	ug/Kg
56-55-3	Benzo(a)anthracene	540	UD	3800	540	ug/Kg
218-01-9	Chrysene	690	UD	3800	690	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	22000	D	3800	740	ug/Kg
117-84-0	Di-n-octyl phthalate	650	UD	3800	650	ug/Kg
205-99-2	Benzo(b)fluoranthene	420	UD	3800	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	850	UD	3800	850	ug/Kg
50-32-8	Benzo(a)pyrene	610	UD	3800	610	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E8 (8-12)DL**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-08DL**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**14**
Sample Wt/Vol:	**30.0 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB039429.D	10	8/23/2007	8/25/2007	BB082207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	490	UD	3800	490	ug/Kg
53-70-3	Dibenz(a,h)anthracene	480	UD	3800	480	ug/Kg
191-24-2	Benzo(g,h,i)perylene	630	UD	3800	630	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	71.3	48 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	72.6	48 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	58.4	58 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	54	54 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	47.7	32 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	55.9	56 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	312834	4.89			
1146-65-2	Naphthalene-d8	1277304	7.07			
15067-26-2	Acenaphthene-d10	603179	10.41			
1517-22-2	Phenanthrene-d10	788602	13.28			
1719-03-5	Chrysene-d12	489361	18.47			
1520-96-3	Perylene-d12	266363	21.09			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E10 (0-4)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-01	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	7
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008484.D	1	8/23/2007	8/28/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.68	U	1.8	0.68	ug/Kg
319-85-7	beta-BHC	0.93	U	1.8	0.93	ug/Kg
319-86-8	delta-BHC	1.7	U	1.8	1.7	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.76	U	1.8	0.76	ug/Kg
76-44-8	Heptachlor	0.99	U	1.8	0.99	ug/Kg
309-00-2	Aldrin	1.3	U	1.8	1.3	ug/Kg
1024-57-3	Heptachlor epoxide	1.1	U	1.8	1.1	ug/Kg
959-98-8	Endosulfan I	0.93	U	1.8	0.93	ug/Kg
60-57-1	Dieldrin	0.88	U	1.8	0.88	ug/Kg
72-55-9	4,4'-DDE	0.84	U	1.8	0.84	ug/Kg
72-20-8	Endrin	0.90	U	1.8	0.90	ug/Kg
33213-65-9	Endosulfan II	1.0	U	1.8	1.0	ug/Kg
72-54-8	4,4'-DDD	0.75	U	1.8	0.75	ug/Kg
1031-07-8	Endosulfan sulfate	1.1	U	1.8	1.1	ug/Kg
50-29-3	4,4'-DDT	0.77	U	1.8	0.77	ug/Kg
72-43-5	Methoxychlor	0.91	U	1.8	0.91	ug/Kg
53494-70-5	Endrin ketone	0.87	U	1.8	0.87	ug/Kg
7421-93-4	Endrin aldehyde	1.1	U	1.8	1.1	ug/Kg
5103-71-9	alpha-Chlordane	0.89	U	1.8	0.89	ug/Kg
5103-74-2	gamma-Chlordane	0.93	U	1.8	0.93	ug/Kg
8001-35-2	Toxaphene	3.8	U	18	3.8	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.11	86 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	14.84	74 %	50 - 132		SPK: 20

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E10 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-02	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	15
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008485.D	1	8/23/2007	8/28/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.74	U	2.0	0.74	ug/Kg
319-85-7	beta-BHC	1.0	U	2.0	1.0	ug/Kg
319-86-8	delta-BHC	1.9	U	2.0	1.9	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.83	U	2.0	0.83	ug/Kg
76-44-8	Heptachlor	1.1	U	2.0	1.1	ug/Kg
309-00-2	Aldrin	1.4	U	2.0	1.4	ug/Kg
1024-57-3	Heptachlor epoxide	1.2	U	2.0	1.2	ug/Kg
959-98-8	Endosulfan I	1.0	U	2.0	1.0	ug/Kg
60-57-1	Dieldrin	0.95	U	2.0	0.95	ug/Kg
72-55-9	4,4'-DDE	0.91	U	2.0	0.91	ug/Kg
72-20-8	Endrin	0.98	U	2.0	0.98	ug/Kg
33213-65-9	Endosulfan II	1.1	U	2.0	1.1	ug/Kg
72-54-8	4,4'-DDD	0.81	U	2.0	0.81	ug/Kg
1031-07-8	Endosulfan sulfate	1.2	U	2.0	1.2	ug/Kg
50-29-3	4,4'-DDT	0.83	U	2.0	0.83	ug/Kg
72-43-5	Methoxychlor	0.99	U	2.0	0.99	ug/Kg
53494-70-5	Endrin ketone	0.95	U	2.0	0.95	ug/Kg
7421-93-4	Endrin aldehyde	1.2	U	2.0	1.2	ug/Kg
5103-71-9	alpha-Chlordane	0.96	U	2.0	0.96	ug/Kg
5103-74-2	gamma-Chlordane	1.0	U	2.0	1.0	ug/Kg
8001-35-2	Toxaphene	4.1	U	20	4.1	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.53	88 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	15.08	75 %	50 - 132		SPK: 20

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E11 (0-4)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-03	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	19
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008486.D	1	8/23/2007	8/28/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.78	U	2.1	0.78	ug/Kg
319-85-7	beta-BHC	1.1	U	2.1	1.1	ug/Kg
319-86-8	delta-BHC	2.0	U	2.1	2.0	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.87	U	2.1	0.87	ug/Kg
76-44-8	Heptachlor	1.1	U	2.1	1.1	ug/Kg
309-00-2	Aldrin	1.5	U	2.1	1.5	ug/Kg
1024-57-3	Heptachlor epoxide	1.3	U	2.1	1.3	ug/Kg
959-98-8	Endosulfan I	1.1	U	2.1	1.1	ug/Kg
60-57-1	Dieldrin	1.0	U	2.1	1.0	ug/Kg
72-55-9	4,4'-DDE	0.96	U	2.1	0.96	ug/Kg
72-20-8	Endrin	1.0	U	2.1	1.0	ug/Kg
33213-65-9	Endosulfan II	1.1	U	2.1	1.1	ug/Kg
72-54-8	4,4'-DDD	0.85	U	2.1	0.85	ug/Kg
1031-07-8	Endosulfan sulfate	1.3	U	2.1	1.3	ug/Kg
50-29-3	4,4'-DDT	0.88	U	2.1	0.88	ug/Kg
72-43-5	Methoxychlor	1.0	U	2.1	1.0	ug/Kg
53494-70-5	Endrin ketone	1.0	U	2.1	1.0	ug/Kg
7421-93-4	Endrin aldehyde	1.2	U	2.1	1.2	ug/Kg
5103-71-9	alpha-Chlordane	1.0	U	2.1	1.0	ug/Kg
5103-74-2	gamma-Chlordane	1.1	U	2.1	1.1	ug/Kg
8001-35-2	Toxaphene	4.4	U	21	4.4	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.92	90 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	14.78	74 %	50 - 132		SPK: 20

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E11 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-04	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	4
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008497.D	5	8/23/2007	8/28/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	3.3	U	8.8	3.3	ug/Kg
319-85-7	beta-BHC	4.5	U	8.8	4.5	ug/Kg
319-86-8	delta-BHC	8.4	U	8.8	8.4	ug/Kg
58-89-9	gamma-BHC (Lindane)	3.7	U	8.8	3.7	ug/Kg
76-44-8	Heptachlor	4.8	U	8.8	4.8	ug/Kg
309-00-2	Aldrin	6.4	U	8.8	6.4	ug/Kg
1024-57-3	Heptachlor epoxide	5.5	U	8.8	5.5	ug/Kg
959-98-8	Endosulfan I	4.6	U	8.8	4.6	ug/Kg
60-57-1	Dieldrin	4.3	U	8.8	4.3	ug/Kg
72-55-9	4,4'-DDE	4.1	U	8.8	4.1	ug/Kg
72-20-8	Endrin	4.4	U	8.8	4.4	ug/Kg
33213-65-9	Endosulfan II	4.9	U	8.8	4.9	ug/Kg
72-54-8	4,4'-DDD	3.6	U	8.8	3.6	ug/Kg
1031-07-8	Endosulfan sulfate	5.6	U	8.8	5.6	ug/Kg
50-29-3	4,4'-DDT	3.7	U	8.8	3.7	ug/Kg
72-43-5	Methoxychlor	4.5	U	8.8	4.5	ug/Kg
53494-70-5	Endrin ketone	4.3	U	8.8	4.3	ug/Kg
7421-93-4	Endrin aldehyde	5.2	U	8.8	5.2	ug/Kg
5103-71-9	alpha-Chlordane	4.3	U	8.8	4.3	ug/Kg
5103-74-2	gamma-Chlordane	4.5	U	8.8	4.5	ug/Kg
8001-35-2	Toxaphene	19	U	88	19	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.9	70 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	15.5	78 %	50 - 132		SPK: 20

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E9 (0-4)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-05	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	7
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008488.D	1	8/23/2007	8/28/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.68	U	1.8	0.68	ug/Kg
319-85-7	beta-BHC	0.93	U	1.8	0.93	ug/Kg
319-86-8	delta-BHC	1.7	U	1.8	1.7	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.77	U	1.8	0.77	ug/Kg
76-44-8	Heptachlor	0.99	U	1.8	0.99	ug/Kg
309-00-2	Aldrin	1.3	U	1.8	1.3	ug/Kg
1024-57-3	Heptachlor epoxide	1.1	U	1.8	1.1	ug/Kg
959-98-8	Endosulfan I	0.94	U	1.8	0.94	ug/Kg
60-57-1	Dieldrin	0.88	U	1.8	0.88	ug/Kg
72-55-9	4,4'-DDE	0.84	U	1.8	0.84	ug/Kg
72-20-8	Endrin	0.91	U	1.8	0.91	ug/Kg
33213-65-9	Endosulfan II	1.0	U	1.8	1.0	ug/Kg
72-54-8	4,4'-DDD	0.75	U	1.8	0.75	ug/Kg
1031-07-8	Endosulfan sulfate	1.2	U	1.8	1.2	ug/Kg
50-29-3	4,4'-DDT	0.77	U	1.8	0.77	ug/Kg
72-43-5	Methoxychlor	0.92	U	1.8	0.92	ug/Kg
53494-70-5	Endrin ketone	0.88	U	1.8	0.88	ug/Kg
7421-93-4	Endrin aldehyde	1.1	U	1.8	1.1	ug/Kg
5103-71-9	alpha-Chlordane	0.89	U	1.8	0.89	ug/Kg
5103-74-2	gamma-Chlordane	0.93	U	1.8	0.93	ug/Kg
8001-35-2	Toxaphene	3.8	U	18	3.8	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.36	112 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	14.23	71 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E9 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-06	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	22
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008496.D	5	8/23/2007	8/28/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	4.1	U	11	4.1	ug/Kg
319-85-7	beta-BHC	5.6	U	11	5.6	ug/Kg
319-86-8	delta-BHC	10	U	11	10	ug/Kg
58-89-9	gamma-BHC (Lindane)	4.6	U	11	4.6	ug/Kg
76-44-8	Heptachlor	5.9	U	11	5.9	ug/Kg
309-00-2	Aldrin	7.8	U	11	7.8	ug/Kg
1024-57-3	Heptachlor epoxide	6.8	U	11	6.8	ug/Kg
959-98-8	Endosulfan I	5.6	U	11	5.6	ug/Kg
60-57-1	Dieldrin	5.3	U	11	5.3	ug/Kg
72-55-9	4,4'-DDE	5.0	U	11	5.0	ug/Kg
72-20-8	Endrin	5.4	U	11	5.4	ug/Kg
33213-65-9	Endosulfan II	6.0	U	11	6.0	ug/Kg
72-54-8	4,4'-DDD	4.5	U	11	4.5	ug/Kg
1031-07-8	Endosulfan sulfate	6.9	U	11	6.9	ug/Kg
50-29-3	4,4'-DDT	4.6	U	11	4.6	ug/Kg
72-43-5	Methoxychlor	5.5	U	11	5.5	ug/Kg
53494-70-5	Endrin ketone	5.3	U	11	5.3	ug/Kg
7421-93-4	Endrin aldehyde	6.4	U	11	6.4	ug/Kg
5103-71-9	alpha-Chlordane	5.3	U	11	5.3	ug/Kg
5103-74-2	gamma-Chlordane	5.6	U	11	5.6	ug/Kg
8001-35-2	Toxaphene	23	U	110	23	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	23	115 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	16.65	83 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E8 (0-4)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-07	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	6
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008487.D	1	8/23/2007	8/28/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.68	U	1.8	0.68	ug/Kg
319-85-7	beta-BHC	0.93	U	1.8	0.93	ug/Kg
319-86-8	delta-BHC	1.7	U	1.8	1.7	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.76	U	1.8	0.76	ug/Kg
76-44-8	Heptachlor	0.99	U	1.8	0.99	ug/Kg
309-00-2	Aldrin	1.3	U	1.8	1.3	ug/Kg
1024-57-3	Heptachlor epoxide	1.1	U	1.8	1.1	ug/Kg
959-98-8	Endosulfan I	0.93	U	1.8	0.93	ug/Kg
60-57-1	Dieldrin	0.88	U	1.8	0.88	ug/Kg
72-55-9	4,4'-DDE	0.83	U	1.8	0.83	ug/Kg
72-20-8	Endrin	0.90	U	1.8	0.90	ug/Kg
33213-65-9	Endosulfan II	1.0	U	1.8	1.0	ug/Kg
72-54-8	4,4'-DDD	0.74	U	1.8	0.74	ug/Kg
1031-07-8	Endosulfan sulfate	1.1	U	1.8	1.1	ug/Kg
50-29-3	4,4'-DDT	0.76	U	1.8	0.76	ug/Kg
72-43-5	Methoxychlor	0.91	U	1.8	0.91	ug/Kg
53494-70-5	Endrin ketone	0.87	U	1.8	0.87	ug/Kg
7421-93-4	Endrin aldehyde	1.1	U	1.8	1.1	ug/Kg
5103-71-9	alpha-Chlordane	0.89	U	1.8	0.89	ug/Kg
5103-74-2	gamma-Chlordane	0.93	U	1.8	0.93	ug/Kg
8001-35-2	Toxaphene	3.8	U	18	3.8	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.03	125 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	15.76	79 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E8 (8-12)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-08**	**Matrix:**	**SOIL**
Analytical Method:	**8081**	**% Moisture:**	**14**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P1008490.D	1	8/23/2007	8/28/2007	P1081307

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.74	U	2.0	0.74	ug/Kg
319-85-7	beta-BHC	1.0	U	2.0	1.0	ug/Kg
319-86-8	delta-BHC	1.9	U	2.0	1.9	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.83	U	2.0	0.83	ug/Kg
76-44-8	Heptachlor	1.1	U	2.0	1.1	ug/Kg
309-00-2	Aldrin	1.4	U	2.0	1.4	ug/Kg
1024-57-3	Heptachlor epoxide	1.2	U	2.0	1.2	ug/Kg
959-98-8	Endosulfan I	1.0	U	2.0	1.0	ug/Kg
60-57-1	Dieldrin	0.95	U	2.0	0.95	ug/Kg
72-55-9	4,4'-DDE	0.91	U	2.0	0.91	ug/Kg
72-20-8	Endrin	0.98	U	2.0	0.98	ug/Kg
33213-65-9	Endosulfan II	1.1	U	2.0	1.1	ug/Kg
72-54-8	4,4'-DDD	0.81	U	2.0	0.81	ug/Kg
1031-07-8	Endosulfan sulfate	1.2	U	2.0	1.2	ug/Kg
50-29-3	4,4'-DDT	0.83	U	2.0	0.83	ug/Kg
72-43-5	Methoxychlor	0.99	U	2.0	0.99	ug/Kg
53494-70-5	Endrin ketone	0.95	U	2.0	0.95	ug/Kg
7421-93-4	Endrin aldehyde	1.2	U	2.0	1.2	ug/Kg
5103-71-9	alpha-Chlordane	0.96	U	2.0	0.96	ug/Kg
5103-74-2	gamma-Chlordane	1.0	U	2.0	1.0	ug/Kg
8001-35-2	Toxaphene	4.1	U	20	4.1	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.39	72 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	13.99	70 %	50 - 132		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E10 (0-4)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-01**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**7**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007208.D	1	8/23/2007	8/25/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.2	U	18	4.2	ug/Kg
11141-16-5	AROCLOR 1232	6.2	U	18	6.2	ug/Kg
53469-21-9	AROCLOR 1242	5.5	U	18	5.5	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.5	U	18	4.5	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.33	102 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	22.76	114 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E10 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-02	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	15
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007209.D	1	8/23/2007	8/25/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	3.0	U	20	3.0	ug/Kg
11104-28-2	AROCLOR 1221	4.6	U	20	4.6	ug/Kg
11141-16-5	AROCLOR 1232	6.9	U	20	6.9	ug/Kg
53469-21-9	AROCLOR 1242	6.2	U	20	6.2	ug/Kg
12672-29-6	AROCLOR 1248	3.0	U	20	3.0	ug/Kg
11097-69-1	AROCLOR 1254	1.9	U	20	1.9	ug/Kg
11096-82-5	AROCLOR 1260	5.0	U	20	5.0	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.22	101 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	22.67	113 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E11 (0-4)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-03	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	19
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007210.D	1	8/23/2007	8/25/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	3.1	U	21	3.1	ug/Kg
11104-28-2	AROCLOR 1221	4.8	U	21	4.8	ug/Kg
11141-16-5	AROCLOR 1232	7.1	U	21	7.1	ug/Kg
53469-21-9	AROCLOR 1242	6.3	U	21	6.3	ug/Kg
12672-29-6	AROCLOR 1248	3.1	U	21	3.1	ug/Kg
11097-69-1	AROCLOR 1254	2.0	U	21	2.0	ug/Kg
11096-82-5	AROCLOR 1260	5.1	U	21	5.1	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.44	102 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	22.65	113 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E11 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-04	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	4
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007211.D	1	8/23/2007	8/25/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.6	U	18	2.6	ug/Kg
11104-28-2	AROCLOR 1221	4.1	U	18	4.1	ug/Kg
11141-16-5	AROCLOR 1232	6.1	U	18	6.1	ug/Kg
53469-21-9	AROCLOR 1242	5.4	U	18	5.4	ug/Kg
12672-29-6	AROCLOR 1248	2.6	U	18	2.6	ug/Kg
11097-69-1	AROCLOR 1254	1.7	U	18	1.7	ug/Kg
11096-82-5	AROCLOR 1260	270		18	4.4	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.56	93 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	13.67	68 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E9 (0-4)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-05**	**Matrix:**	**SOIL**
Analytical Method:	**8082**	**% Moisture:**	**7**
Sample Wt/Vol:	**15 g**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007212.D	1	8/23/2007	8/25/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.2	U	18	4.2	ug/Kg
11141-16-5	AROCLOR 1232	6.3	U	18	6.3	ug/Kg
53469-21-9	AROCLOR 1242	5.6	U	18	5.6	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.5	U	18	4.5	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.81	84 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	16.13	81 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E9 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-06	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	22
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007213.D	1	8/23/2007	8/25/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	3.2	U	21	3.2	ug/Kg
11104-28-2	AROCLOR 1221	5.0	U	21	5.0	ug/Kg
11141-16-5	AROCLOR 1232	7.4	U	21	7.4	ug/Kg
53469-21-9	AROCLOR 1242	6.6	U	21	6.6	ug/Kg
12672-29-6	AROCLOR 1248	3.2	U	21	3.2	ug/Kg
11097-69-1	AROCLOR 1254	2.1	U	21	2.1	ug/Kg
11096-82-5	AROCLOR 1260	5.3	U	21	5.3	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.72	84 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	12.63	63 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E8 (0-4)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-07	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	6
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007214.D	1	8/23/2007	8/25/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.2	U	18	4.2	ug/Kg
11141-16-5	AROCLOR 1232	6.2	U	18	6.2	ug/Kg
53469-21-9	AROCLOR 1242	5.5	U	18	5.5	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	1.7	U	18	1.7	ug/Kg
11096-82-5	AROCLOR 1260	4.4	U	18	4.4	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.98	90 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	15.49	77 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	8/17/2007
Project:	49 Dupont Street	**Date Received:**	8/21/2007
Client Sample ID:	E8 (8-12)	**SDG No.:**	Y4129
Lab Sample ID:	Y4129-08	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	14
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6007215.D	1	8/23/2007	8/25/2007	P6082207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.9	U	19	2.9	ug/Kg
11104-28-2	AROCLOR 1221	4.5	U	19	4.5	ug/Kg
11141-16-5	AROCLOR 1232	6.7	U	19	6.7	ug/Kg
53469-21-9	AROCLOR 1242	6.0	U	19	6.0	ug/Kg
12672-29-6	AROCLOR 1248	2.9	U	19	2.9	ug/Kg
11097-69-1	AROCLOR 1254	1.9	U	19	1.9	ug/Kg
11096-82-5	AROCLOR 1260	61		19	4.8	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.12	86 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	12.91	65 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E10 (0-4)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-01**	**Matrix:**	**SOIL**
		% Solids:	**93.40**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	10100			mg/Kg	0.631	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.241	U		mg/Kg	0.241	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	0.540	J	N	mg/Kg	0.142	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	54.6			mg/Kg	0.106	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.669		N	mg/Kg	0.007	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.514	J	N	mg/Kg	0.043	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	1960			mg/Kg	1.210	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	20.6			mg/Kg	0.078	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	11.2			mg/Kg	0.099	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	22.7			mg/Kg	0.092	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	23400			mg/Kg	1.890	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	11.1			mg/Kg	0.099	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	4850			mg/Kg	1.230	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	609			mg/Kg	0.043	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.014			mg/Kg	0.003	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	19.1			mg/Kg	0.085	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	1710			mg/Kg	15.6	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.128	U		mg/Kg	0.128	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	1.210		N	mg/Kg	0.128	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	85.7		N	mg/Kg	20.5	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.340	U	N	mg/Kg	1.340	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	28.7			mg/Kg	0.106	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	87.2		N	mg/Kg	0.759	1	8/23/2007	8/28/2007	EPA SW-846 6010

Comments:

U = Not Detected
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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E10 (8-12)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-02**	**Matrix:**	**SOIL**
		% Solids:	**85.40**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	11700			mg/Kg	0.695	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.265	U		mg/Kg	0.265	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	0.156	U	N	mg/Kg	0.156	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	104			mg/Kg	0.117	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.991		N	mg/Kg	0.008	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.678	J	N	mg/Kg	0.047	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	1880			mg/Kg	1.330	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	31.8			mg/Kg	0.086	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	20.0			mg/Kg	0.109	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	27.3			mg/Kg	0.101	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	29100			mg/Kg	2.080	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	9.840			mg/Kg	0.109	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	7800			mg/Kg	1.350	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	805			mg/Kg	0.047	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.011	J		mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	31.0			mg/Kg	0.094	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	4550			mg/Kg	17.1	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.141	U		mg/Kg	0.141	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	1.530		N	mg/Kg	0.141	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	22.6	U	N	mg/Kg	22.6	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.480	U	N	mg/Kg	1.480	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	40.2			mg/Kg	0.117	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	194		N	mg/Kg	0.835	1	8/23/2007	8/28/2007	EPA SW-846 6010

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E11 (0-4)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-03**	**Matrix:**	**SOIL**
		% Solids:	**81.00**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	19900			mg/Kg	0.733	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.280	U		mg/Kg	0.280	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	2.400		N	mg/Kg	0.165	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	144			mg/Kg	0.123	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	1.130		N	mg/Kg	0.008	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.849		N	mg/Kg	0.049	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	2170			mg/Kg	1.410	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	41.3			mg/Kg	0.091	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	19.3			mg/Kg	0.115	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	36.1			mg/Kg	0.107	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	36700			mg/Kg	2.200	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	15.0			mg/Kg	0.115	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	8460			mg/Kg	1.420	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	806			mg/Kg	0.049	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.008	J		mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	38.9			mg/Kg	0.099	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	5220			mg/Kg	18.1	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.148	U		mg/Kg	0.148	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	2.270		N	mg/Kg	0.148	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	71.5	J	N	mg/Kg	23.8	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.560	U	N	mg/Kg	1.560	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	52.7			mg/Kg	0.123	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	114		N	mg/Kg	0.881	1	8/23/2007	8/28/2007	EPA SW-846 6010

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E11 (8-12)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-04**	**Matrix:**	**SOIL**
		% Solids:	**95.80**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	6060			mg/Kg	0.619	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.237	U		mg/Kg	0.237	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	0.193	J	N	mg/Kg	0.139	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	64.4			mg/Kg	0.104	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.581		N	mg/Kg	0.007	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.731		N	mg/Kg	0.042	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	3550			mg/Kg	1.190	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	19.2			mg/Kg	0.077	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	13.5			mg/Kg	0.097	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	22.8			mg/Kg	0.090	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	21600			mg/Kg	1.860	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	7.050			mg/Kg	0.097	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	4940			mg/Kg	1.200	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	516			mg/Kg	0.042	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.003	U		mg/Kg	0.003	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	26.0			mg/Kg	0.084	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	1820			mg/Kg	15.3	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.125	U		mg/Kg	0.125	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	1.120		N	mg/Kg	0.125	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	25.2	J	N	mg/Kg	20.1	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.320	U	N	mg/Kg	1.320	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	27.0			mg/Kg	0.104	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	76.3		N	mg/Kg	0.745	1	8/23/2007	8/28/2007	EPA SW-846 6010

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E9 (0-4)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-05**	**Matrix:**	**SOIL**
		% Solids:	**92.70**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	8780			mg/Kg	0.632	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.241	U		mg/Kg	0.241	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	2.840		N	mg/Kg	0.142	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	115			mg/Kg	0.106	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.636		N	mg/Kg	0.007	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.981		N	mg/Kg	0.043	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	9410			mg/Kg	1.210	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	21.4			mg/Kg	0.078	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	13.3			mg/Kg	0.099	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	39.4			mg/Kg	0.092	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	25100			mg/Kg	1.890	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	215			mg/Kg	0.099	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	7340			mg/Kg	1.230	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	658			mg/Kg	0.043	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.130			mg/Kg	0.003	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	21.6			mg/Kg	0.085	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	2660			mg/Kg	15.6	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.128	U		mg/Kg	0.128	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	1.090		N	mg/Kg	0.128	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	71.8		N	mg/Kg	20.5	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.340	U	N	mg/Kg	1.340	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	29.1			mg/Kg	0.106	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	204		N	mg/Kg	0.759	1	8/23/2007	8/28/2007	EPA SW-846 6010

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E9 (8-12)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-06**	**Matrix:**	**SOIL**
		% Solids:	**78.30**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	9760			mg/Kg	0.758	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.289	U		mg/Kg	0.289	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	0.170	U	N	mg/Kg	0.170	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	71.0			mg/Kg	0.128	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.637		N	mg/Kg	0.009	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.399	J	N	mg/Kg	0.051	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	1350			mg/Kg	1.460	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	23.5			mg/Kg	0.094	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	12.2			mg/Kg	0.119	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	20.5			mg/Kg	0.111	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	20400			mg/Kg	2.270	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	6.160			mg/Kg	0.119	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	5650			mg/Kg	1.470	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	515			mg/Kg	0.051	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.014			mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	20.5			mg/Kg	0.102	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	3140			mg/Kg	18.7	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.153	U		mg/Kg	0.153	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	1.070		N	mg/Kg	0.153	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	76.3	J	N	mg/Kg	24.6	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.610	U	N	mg/Kg	1.610	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	30.3			mg/Kg	0.128	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	104		N	mg/Kg	0.911	1	8/23/2007	8/28/2007	EPA SW-846 6010

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Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E8 (0-4)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-07**	**Matrix:**	**SOIL**
		% Solids:	**94.40**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	8940			mg/Kg	0.629	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.240	U		mg/Kg	0.240	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	1.880		N	mg/Kg	0.141	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	86.5			mg/Kg	0.106	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.658		N	mg/Kg	0.007	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.670	J	N	mg/Kg	0.042	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	8680			mg/Kg	1.210	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	21.4			mg/Kg	0.078	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	12.3			mg/Kg	0.099	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	28.4			mg/Kg	0.092	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	22500			mg/Kg	1.890	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	87.5			mg/Kg	0.099	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	5730			mg/Kg	1.220	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	553			mg/Kg	0.042	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.311			mg/Kg	0.003	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	20.3			mg/Kg	0.085	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	2260			mg/Kg	15.5	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.127	U		mg/Kg	0.127	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	1.040		N	mg/Kg	0.127	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	115		N	mg/Kg	20.4	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.330	U	N	mg/Kg	1.330	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	27.5			mg/Kg	0.106	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	129		N	mg/Kg	0.756	1	8/23/2007	8/28/2007	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/17/2007**
Project:	**49 Dupont Street**	**Date Received:**	**8/21/2007**
Client Sample ID:	**E8 (8-12)**	**SDG No.:**	**Y4129**
Lab Sample ID:	**Y4129-08**	**Matrix:**	**SOIL**
		% Solids:	**85.90**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	7710			mg/Kg	0.691	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-36-0	Antimony	0.264	U		mg/Kg	0.264	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-38-2	Arsenic	0.535	J	N	mg/Kg	0.155	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-39-3	Barium	71.6			mg/Kg	0.116	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-41-7	Beryllium	0.612		N	mg/Kg	0.008	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.466	J	N	mg/Kg	0.047	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-70-2	Calcium	3270			mg/Kg	1.330	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-47-3	Chromium	19.3			mg/Kg	0.085	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-48-4	Cobalt	12.2			mg/Kg	0.109	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-50-8	Copper	24.0			mg/Kg	0.101	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-89-6	Iron	22000			mg/Kg	2.070	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-92-1	Lead	11.2			mg/Kg	0.109	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-95-4	Magnesium	4950			mg/Kg	1.340	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-96-5	Manganese	628			mg/Kg	0.047	1	8/23/2007	8/28/2007	EPA SW-846 6010
7439-97-6	Mercury	0.063			mg/Kg	0.004	1	8/23/2007	8/23/2007	EPA SW-846 7471
7440-02-0	Nickel	20.8			mg/Kg	0.093	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-09-7	Potassium	2000			mg/Kg	17.0	1	8/23/2007	8/28/2007	EPA SW-846 6010
7782-49-2	Selenium	0.140	U		mg/Kg	0.140	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-22-4	Silver	1.140		N	mg/Kg	0.140	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-23-5	Sodium	50.7	J	N	mg/Kg	22.4	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-28-0	Thallium	1.470	U	N	mg/Kg	1.470	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-62-2	Vanadium	27.2			mg/Kg	0.116	1	8/23/2007	8/28/2007	EPA SW-846 6010
7440-66-6	Zinc	107		N	mg/Kg	0.830	1	8/23/2007	8/28/2007	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

APPENDIX D

Laboratory Reports
Supplemental GW and SG Sampling
EBC

CHEMTECH 284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

ANALYTICAL RESULTS
SUMMARY

PROJECT NAME: 49 Dupont Street

ENVIRONMENTAL BUSINESS CONSULTANTS
9 PECONIC ROAD
RIDGE, NY 11961
6319240870

CHEMTECH PROJECT NO. Z1073
ATTENTION: Charles B.Sosik P.G.

CHEMTECH

284 Sheffield Street, Mountainside NJ 07092
Tel: 908-789-8900 Fax 908-789-8922

COVER PAGE

ProjectID: 49 Dupont Street

OrderID: Z1073 **CustomerName:** Environmental Business Consultants

LAB SAMPLE NO.	CLIENT SAMPLE NO
Z1073-01	SG1
Z1073-02	SG2
Z1073-03	SG3
Z1073-04	SG4
Z1073-05	SG5
Z1073-06	SG6
Z1073-07	SG7

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature: Mildred V Keys Name: Mildred V Keys

Date: 1/25/08 Title: QA/QC

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number: 21073
COC Number:

CLIENT INFORMATION

Report to be sent to
COMPANY: EBC
ADDRESS: 9 Peconic
CITY: Ridge STATE: NY ZIP: 11961
ATTENTION: Charlie
PHONE: FAX:

PROJECT INFORMATION

PROJECT NAME: 49 Dupont St
PROJECT #: LOCATION:
PROJECT MANAGER: Charles Sosik
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

BILL TO: PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION:
PHONE:

DATA TURNAROUND INFORMATION

FAX_____ DAYS*
HARD COPY:_____DAYS*
EDD_____DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- → New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other_____
- ☐ EDD FORMAT_____

ANALYSIS

1 VOCs 2 SVOCs 3 4 5 6 7 8 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	SG1	air			1/11	2pm-4pm											
2.	SG2																
3.	SG3																
4.	SG4																
5.	SG5																
6	SG6																
7.	SG7																
8.	SG4																
9.	SG9																
10																	

<- Specify Preservatives
A-HCl B-HNO4
C-H2SO13 D-NaOH
E-ICE F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	1/14 1:40	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.	1/14 3:20	3.

Conditions of bottles or coilers at receipt: → COMPLIANT → NON COMPLIANT → COOLER TEMP NA
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments:

Page 1 of 1

CLIENT → Hand Delivered →
Overnight
CHEMTECH: → Picked Up →

Shipment Complete
☒ YES → NO

10/18/2004

WHITE - CHEMTECH COPYFOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

#

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number: Z1073
COC Number:

CLIENT INFORMATION

Report to be sent to
COMPANY: EBC
ADDRESS: 9 Peconic
CITY: Ridge STATE: NY ZIP: 11961
ATTENTION: Charlie
PHONE: FAX:

PROJECT INFORMATION

PROJECT NAME: 49 Dupont St
PROJECT #: LOCATION:
PROJECT MANAGER: Charles Sosik
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

BILL TO: PO#
ADDRESS:
CITY: STATE: ZIP
ATTENTION:
PHONE:

DATA TURNAROUND INFORMATION

FAX: _____ DAYS*
HARD COPY: _____ DAYS*
EDD _____ DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY
- ☐ RESULTS * QC
- ☐ New Jersey REDUCED
- ✈ New Jersey CLP
- ☐ EDD FORMAT
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other _____

ANALYSIS

1 Vol 1 Svocs 2 3 4 5 6 7 8 9

CHEMTECH SAMPLE	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
Flow	Summa																<-- Specify Preservatives A-HCl B-HNO4 C-H2SO13 D-NaOH E-ICE F-OTHER
1. ~~10756~~ 10554 SG1	10740	air			1/11	2pm 4pm											
2. 10223 SG2	10134																
3. 10688 SG3	10799																
4. 10707 SG4	10746																
5. 10246 SG5	10755																
6. 10580 SG6	10460																
7. SG7																	
8. SG8	This 3 Summa																
9. SG9	Cont not Received																
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. [signature]	1:40 1/14-08	1. [signature]
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.
RELINQUISHED BY 3. [signature]	DATE/TIME 3:20 1-14-08	RECEIVED FOR LAB BY 3. [signature]

Conditions of bottles or coilers at receipt: ✈ COMPLIANT ✈ NON COMPLIANT ✈ COOLER TEMP N/A
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments:

Page ____ of ____

Overnight: CLIENT ✈ Hand Delivered ✈ CHEMTECH ✈ Picked Up ✈

Shipment Complete ☑ YES ✈ NO

10/18/2004

WHITE - CHEMTECH COPYFOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY #

From: Charles Sosik [csosik2@optonline.net]
Sent: Tuesday, January 15, 2008 9:41 AM
To: James Bell
Subject: RE: Re: Environmental Business Consultants (Z1073)

James. 7 is it. It was late and apparently very dark when he packed them up and s

-----Original Message-----
From: "James Bell" <jbell@chemtech.net>
To: csosik2@optonline.net
Cc: "Joe Dockery" <jdockery@chemtech.net>
Sent: 1/15/08 9:24 AM
Subject: FW: Re: Environmental Business Consultants (Z1073)

Charlie,

Could you please let us know if you have more than the seven canisters
we sent you for analyses? Damian notified us about the last can from
the site, so all are accounted for.

I am checking with to see if we can run the other compounds (SVOC) in addition

Thanks!

From: Joe Dockery
Sent: Wednesday, January 16, 2008 9:01 AM
To: csosik2@optonline.net
Cc: James Bell
Subject: RE: TO-13 Phthalates
Charlie,

As per by message to you yesterday, The summa's were recd on Jan 15th. TO13 phthalates Can't be performed on these samples.

Joe Dockery
Chemtech
284 Sheffield Street
Mountainside, NJ 07092
Ph: 908-789-8900 X104
Fax: 908-789-8922
Cell 732-688-2642

From: Joe Dockery
Sent: Wed 1/9/2008 12:20 PM
To: csosik2@optonline.net
Cc: James Bell
Subject: FW: TO-13 Phthalates

Charlie,
Here some info on the media needed to run TO13 and Tisch as a possible resource but I'm not sure on the sampling train needed to pull from Sub-slab locations.

Last August we discussed pricing of TO-13-$285 plus $40.00 media costs.

hope this helps!

Joe Dockery
Chemtech
284 Sheffield Street
Mountainside, NJ 07092
Ph: 908-789-8900 X104
Fax: 908-789-8922
Cell 732-688-2642

From: Kurt Hummler
Sent: Wed 1/9/2008 10:19 AM
To: Joe Dockery
Cc: James Bell
Subject: FW: TO-13

-----Original Message-----
From: Kurt Hummler
Sent: Thursday, August 16, 2007 11:39 AM
To: Joe Dockery
Subject: RE: TO-13

Tisch Environmental, Inc. www.tisch-env.com
Part TE-1010
3 inch long (unwashed) poly-urethane vapor collection substrates

-----Original Message-----

-----Original Message-----
From: Charles Sosik [mailto:csosik2@optonline.net]
Sent: Tuesday, January 15, 2008 9:41 AM
To: James Bell
Subject: RE: Re: Environmental Business Consultants (Z1073)

James. 7 is it. It was late and apparently very dark when he packed them up and somehow missed one. Thanks.

-----Original Message-----
From: "James Bell" <jbell@chemtech.net>
To: csosik2@optonline.net
Cc: "Joe Dockery" <jdockery@chemtech.net>
Sent: 1/15/08 9:24 AM
Subject: FW: Re: Environmental Business Consultants (Z1073)

Charlie,

Could you please let us know if you have more than the seven canisters we sent you for analyses? Damian notified us about the last can from the site, so all are accounted for.

I am checking with to see if we can run the other compounds (SVOC) in addition to the TO -15.

Thanks!

CHEMTECH

LOGIN REPORT/SAMPLE TRANSFER

Order ID:	Z1073 ENVI49	**Order Date:**	1/9/2008	**Project Mgr:**	jbell
Client Name:	Environmental Business Consult	**Project Name:**	49 Dupont Street	**Report Type:**	NYS ASP B
Client Contact:	Charles B.Sosik P.G.	**Rec DateTime**	1/14/2008 3:20:00 PM	**EDD:**	EXCEL NOCLEANUP
Invoice Name:	Environmental Business Consult	**Purchase Order:**		**Hard Copy Date:**	
Invoice Contact	Charles B.Sosik P.G.	**Login Tech:**	jbell	**Date Signoff:**	1/16/2008 11:24:24 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	QTY	TEST	TEST GROUP	METHOD	COMMENT	FAX DATE	Due Dates
Z1073-01	SG1	Air	1/11/2008	16:00	1	TO-15		TO-15	summa# 10740, regulator # 10559 ; Sample 07 has not arrived as of 1/15/08. Client left it onsite, and is shipping it asap.	10 Bus. 1/11/2008	1/11/20
Z1073-02	SG2	Air	1/11/2008	16:00	1	TO-15		TO-15	summa# 10223, regulator # 10134	10 Bus. 1/11/2008	1/11/20
Z1073-03	SG3	Air	1/11/2008	16:00	1	TO-15		TO-15	summa# 10688, regulator # 10799	10 Bus. 1/11/2008	1/11/20
Z1073-04	SG4	Air	1/11/2008	16:00	1	TO-15		TO-15	summa# 10707, regulator # 10746	10 Bus. 1/11/2008	1/11/20

CHEMTECH

LOGIN REPORT/SAMPLE TRANSFER

Order ID:	Z1073 ENVI49	**Order Date:**	1/9/2008	**Project Mgr:**	jbell
Client Name:	Environmental Business Consult	**Project Name:**	49 Dupont Street	**Report Type:**	
Client Contact:	Charles B.Sosik P.G.	**Rec DateTime**	1/14/2008 3:20:00 PM	**EDD:**	
Invoice Name:	Environmental Business Consult	**Purchase Order:**		**Hard Copy Date:**	
Invoice Contact	Charles B.Sosik P.G.	**Login Tech:**	jbell	**Date Signoff:**	1/16/2008 11:24:24 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	QTY	TEST	TEST GROUP	METHOD	COMMENT	FAX DATE	Due Dates
Z1073-05	SG5	Air	1/11/2008	16:00	1	TO-15		TO-15	summa# 10246, regulator # 10755	10 Bus. 1/11/2008	1/11/20
Z1073-06	SG6	Air	1/11/2008	16:00	1	TO-15		TO-15	summa# 10580, regulator # 10460	10 Bus. 1/11/2008	1/11/20
Z1073-07	SG7	Air	1/11/2008	16:00	1	TO-15		TO-15	This sample was collected and left onsite. Client to send via ups / Fed ex for delivery asap.summa# 10116, regulator # 10201	10 Bus. 1/11/2008	1/11/20

CHEMTECH

LOGIN REPORT/SAMPLE TRANSFER

Order ID:	Z1073 ENVI49	**Order Date:**	1/9/2008	**Project Mgr:**	jbell
Client Name:	Environmental Business Consult	**Project Name:**	49 Dupont Street	**Report Type:**	
Client Contact:	Charles B.Sosik P.G.	**Rec DateTime**	1/16/2008 9:25:00 AM	**EDD:**	
Invoice Name:	Environmental Business Consult	**Purchase Order:**		**Hard Copy Date:**	
Invoice Contact	Charles B.Sosik P.G.	**Login Tech:**	jbell	**Date Signoff:**	1/16/2008 11:24:24 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	QTY	TEST	TEST GROUP	METHOD	COMMENT	FAX DATE	Due Dates

SAMPLE CONDITION RECORD

Are samples submitted with a chain of custody?	Yes
Are the number of samples the same as stated on the chain of custody?	Yes
Are bottle caps tight and securely in place?	Yes
Were all containers intact when received?	Yes
Were samples submitted in an ice chest?	N/A
Were samples received cold?	N/A
Were samples within the holding time for the requested test(s)?	Yes
Is the volume of sample submitted sufficient for the requested test(s)?	Yes
Are all samples for volatile organic analyses free of headspace?	N/A

ORDER COMMENT

1 COPY UNBOUND

Relinquished By: [signature] (SNE)

Date / Time: 1/16/08 12:15 PM

Received By: [signature]

Date / Time: 9/16/08 12:15

Storage Area: VOA Refridgerator Room

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

LABORATORY CERTIFICATION

STATE	License No.
New Jersey	20012
New York	11376
Florida	E87935
Maryland	296
Massachusetts	M-NJ503
Oklahoma	9705
Rhode Island	LAO00259
Connecticut	PH-0649
Maine	NJ0503
Pennsylvania	68-548

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey - 07092
Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

Order ID:	Z1073	**Order Date:**	1/9/2008
Client :	Environmental Business Consultants	**Project:**	49 Dupont Street
Contact :	Charles B.Sosik P.G.	**Location :**	VOA Lab

Lab ID	Client ID	Matrix	Test	Method	Sample Date	PrepDate	AnalDate	Received
Z1073-01	**SG1**	**AIR**			**01/11/08**			**01/14/08**
			TO-15	TO-15			01/22/08	
Z1073-02	**SG2**	**AIR**			**01/11/08**			**01/14/08**
			TO-15	TO-15			01/22/08	
Z1073-03	**SG3**	**AIR**			**01/11/08**			**01/14/08**
			TO-15	TO-15			01/22/08	
Z1073-03DL	**SG3DL**	**AIR**			**01/11/08**			**01/14/08**
			TO-15	TO-15			01/22/08	
Z1073-04	**SG4**	**AIR**			**01/11/08**			**01/14/08**
			TO-15	TO-15			01/22/08	
Z1073-04DL	**SG4DL**	**AIR**			**01/11/08**			**01/14/08**
			TO-15	TO-15			01/22/08	
Z1073-05	**SG5**	**AIR**			**01/11/08**			**01/14/08**
			TO-15	TO-15			01/22/08	
Z1073-05DL	**SG5DL**	**AIR**			**01/11/08**			**01/14/08**
			TO-15	TO-15			01/22/08	
Z1073-06	**SG6**	**AIR**			**01/11/08**			**01/14/08**
			TO-15	TO-15			01/22/08	
Z1073-07	**SG7**	**AIR**			**01/11/08**			**01/16/08**
			TO-15	TO-15			01/22/08	
Z1073-07DL	**SG7DL**	**AIR**			**01/11/08**			**01/16/08**

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey - 07092
Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

TO-15	TO-15	01/22/08

CHEMTECH

284 Sheffield Street Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.

CHEMTECH

CASE NARRATIVE

Environmental Business Consultants
Project Name: 49 Dupont Street
Project # N/A
Chemtech Project # Z1073

A. Number of Samples and Date of Receipt:
6 Air samples were received on 1/14/08.
1 Air sample was received on 1/16/08.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: and TO-15. This data package contains results for TO-15.

C. Analytical Techniques:
The analysis performed on instrument MSVOA M were done using GC column RTX-1, which is 60 meters, 0.32 ID, 1.0 um df, Restek Cat. #10157. The Trap was supplied by Entech, glass bead and Tenax , Entech 7100A Preconcentrator. The analysis of AIR Volatiles was based on method TO-15.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements except for SG7DL, SG7, SG4DL and SG4.
The Retention Times were acceptable for all samples.
The Blank Spike met requirements for all samples.
The Blank analysis indicated presence of 1,2-Dichlorobenzene, 1,2,4-Trichlorobenzene and Hexachloro-1,3-Butadiene due to possible lab contamination.
The Tuning criteria met requirements.
Samples SG3, SG4, SG5 and SG were diluted due to bad matrices.
Samples SG1, SG2, SG3, SG4, SG5, SG6 and SG were diluted due to high concentrations.

E. Additional Comments:
The Initial Calibration met the requirements except for Hexachloro-1,3-Butadiene The %RSD of these two compounds were below 40%.

Menual Integrartion was performed for the following :

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z1073-06 13X	VM000381.D	m/p-Xylene	SAM	1/22/2008 2:44:25 PM	mohammad	1/22/2008 3:20:55 PM	Peak Integrated by Software incorrectly
Z1073-07 20X	VM000382.D	Acetone	SAM	1/22/2008 2:44:29 PM	mohammad	1/22/2008 3:20:59 PM	Peak Integrated by Software incorrectly
0.5 PPB ICC	VM000358.D	1,4-Dioxane	sam	1/21/2008 8:31:10 PM	mohammad	1/22/2008 12:30:42 PM	Peak Integrated by Software incorrectly
0.5 PPB ICC	VM000358.D	m/p-Xylene	sam	1/21/2008 8:31:10 PM	mohammad	1/22/2008 12:30:42 PM	Peak Integrated by Software incorrectly
20 PPB ICC	VM000360.D	Vinyl Acetate	sam	1/21/2008 8:31:15 PM	mohammad	1/22/2008 12:30:46 PM	Peak Integrated by Software incorrectly
0.1 PPB RPT	VM000369.D	m/p-Xylene	mmdadoda	1/22/2008 8:08:24 AM	SAM	1/22/2008 2:44:18 PM	Peak Integrated by Software incorrectly

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes Name: Mildred V. Reyes

Date: 1/25/08 Title: QA/QC

CHEMTECH

Method Detection Limit (MDL) Determination

E:\Quality Assurance\MDLs\

Parameter(s): TO-15 Matrix: AIR
Analysis Method: TO-15 Instrument: MSVOA_L
Prep Method: Analyst: Sam

Analytes	Units: ppbv Replicate Number 1	2	3	4	5	6	7	Spike Amount ppbv	t value	MDL ppbv
	VL000355.D	VL000356.D	VL000357.D	VL000358.D	VL000359.D	VL000360.D	VL000361.D			
Dichlorodifluoromethane	0.1	0.11	0.11	0.1	0.11	0.11	0.1	0.10000	3.14300	0.0168
Chloromethane	0.13	0.13	0.14	0.13	0.15	0.14	0.13	0.10000	3.14300	0.0247
Vinyl Chloride	0.11	0.11	0.12	0.11	0.12	0.12	0.1	0.10000	3.14300	0.0238
Bromomethane	0.11	0.11	0.12	0.11	0.12	0.12	0.1	0.10000	3.14300	0.0238
Chloroethane	0.12	0.12	0.13	0.13	0.13	0.13	0.12	0.10000	3.14300	0.0168
Dichlorotetrafluoroethane	0.11	0.11	0.11	0.1	0.12	0.11	0.1	0.10000	3.14300	0.0217
Propene	0.19	0.18	0.18	0.18	0.19	0.17	0.18	0.10000	3.14300	0.0217
Heptane	0.09	0.09	0.1	0.1	0.1	0.11	0.09	0.10000	3.14300	0.0238
Trichlorofluoromethane	0.12	0.1	0.12	0.11	0.12	0.11	0.1	0.10000	3.14300	0.0283
1,1,2-Trichlorotrifluoroethane	0.11	0.1	0.12	0.11	0.12	0.11	0.1	0.10000	3.14300	0.0257
Ethanol	0.2	0.19	0.24	0.23	0.24	0.25	0.27	0.10000	3.14300	0.0878
Bromoethene	0.1	0.11	0.1	0.09	0.11	0.11	0.1	0.10000	3.14300	0.0238
Acetone	0.31	0.34	0.33	0.36	0.37	0.35	0.3	0.10000	3.14300	0.0806
1,3-Butadiene	0.11	0.13	0.14	0.14	0.14	0.12	0.13	0.10000	3.14300	0.0363
tert-Butyl alcohol	0.18	0.15	0.18	0.15	0.11	0.13	0.15	0.10000	3.14300	0.0791
1,1-Dichloroethene	0.12	0.11	0.12	0.12	0.12	0.11	0.1	0.10000	3.14300	0.0247
Isopropyl Alcohol	0.14	0.13	0.18	0.16	0.16	0.14	0.14	0.10000	3.14300	0.0544
Methylene Chloride	0.14	0.14	0.15	0.14	0.15	0.14	0.14	0.10000	3.14300	0.0153
Allyl Chloride	0.14	0.11	0.15	0.13	0.1	0.12	0.15	0.10000	3.14300	0.0613
trans-1,2-Dichloroethene	0.11	0.11	0.12	0.12	0.13	0.11	0.1	0.10000	3.14300	0.0307
Vinyl Acetate	0.15	0.19	0.18	0.15	0.2	0.11	0.15	0.10000	3.14300	0.0968
1,1-Dichloroethane	0.13	0.12	0.14	0.12	0.13	0.13	0.12	0.10000	3.14300	0.0238
Ethyl Acetate	0.2	0.19	0.19	0.17	0.16	0.18	0.2	0.10000	3.14300	0.0475
Hexane	0.11	0.1	0.12	0.11	0.12	0.11	0.1	0.10000	3.14300	0.0257
Carbon Disulfide	0.08	0.08	0.09	0.08	0.09	0.08	0.08	0.10000	3.14300	0.0153
Methyl tert-Butyl Ether	0.11	0.11	0.12	0.11	0.12	0.12	0.11	0.10000	3.14300	0.0168
Chloroform	0.1	0.1	0.12	0.1	0.12	0.1	0.1	0.10000	3.14300	0.0307
Cyclohexane	0.12	0.12	0.12	0.11	0.12	0.12	0.12	0.10000	3.14300	0.0119

Method Detection Limit (MDL) Determination (continued)
E:\Quality Assurance\MDLs\

Parameter(s): TO-15 Matrix: AIR
Analysis Method: TO-15 Instrument: MSVOA_L
Prep Method: Analyst: Sam

Analytes	Units: ppbv Replicate Number 1	2	3	4	5	6	7	Spike Amount ppbv	t value	MDL ppbv
	VL000355.D	VL000356.D	VL000357.D	VL000358.D	VL000359.D	VL000360.D	VL000361.D			
cis-1,2-Dichloroethene	0.12	0.11	0.13	0.11	0.13	0.12	0.1	0.10000	3.14300	0.0350
1,1,1-Trichloroethane	0.09	0.09	0.09	0.1	0.09	0.1	0.08	0.10000	3.14300	0.0217
2-Butanone	0.26	0.26	0.26	0.21	0.18	0.24	0.26	0.10000	3.14300	0.1001
Carbon Tetrachloride	0.11	0.1	0.11	0.1	0.11	0.11	0.1	0.10000	3.14300	0.0168
Benzene	0.15	0.13	0.16	0.13	0.13	0.13	0.12	0.10000	3.14300	0.0439
1,2-Dichloroethane	0.14	0.13	0.16	0.14	0.13	0.15	0.11	0.10000	3.14300	0.0504
Trichloroethene	0.13	0.12	0.14	0.12	0.1	0.12	0.11	0.10000	3.14300	0.0406
1,2-Dichloropropane	0.17	0.16	0.15	0.15	0.15	0.15	0.12	0.10000	3.14300	0.0480
1,4-Dioxane	0.1	0.1	0.12	0.11	0.08	0.1	0.08	0.10000	3.14300	0.0460
Tetrahydrofuran	0.18	0.22	0.19	0.2	0.23	0.23	0.16	0.10000	3.14300	0.0840
Bromodichloromethane	0.12	0.11	0.15	0.1	0.12	0.11	0.11	0.10000	3.14300	0.0504
Methyl Methacrylate	0.2	0.18	0.2	0.15	0.16	0.17	0.16	0.10000	3.14300	0.0625
2,2,4-Trimethylpentane	0.11	0.1	0.12	0.1	0.1	0.11	0.1	0.10000	3.14300	0.0247
t-1,3-Dichloropropene	0.09	0.09	0.11	0.08	0.09	0.09	0.05	0.10000	3.14300	0.0570
cis-1,3-Dichloropropene	0.1	0.11	0.12	0.08	0.11	0.09	0.08	0.10000	3.14300	0.0495
1,1,2-Trichloroethane	0.14	0.13	0.16	0.13	0.12	0.14	0.12	0.10000	3.14300	0.0439
Dibromochloromethane	0.08	0.08	0.08	0.07	0.07	0.09	0.09	0.10000	3.14300	0.0257
Bromoform	0.05	0.04	0.05	0.04	0.04	0.04	0.04	0.10000	3.14300	0.0153
4-Methyl-2-Pentanone	0.15	0.14	0.13	0.12	0.11	0.14	0.11	0.10000	3.14300	0.0495
2-Hexanone	0.16	0.2	0.2	0.16	0.13	0.22	0.18	0.10000	3.14300	0.0968
Tetrachloroethene	0.09	0.1	0.13	0.09	0.11	0.12	0.1	0.10000	3.14300	0.0475
Toluene	0.12	0.11	0.13	0.11	0.1	0.14	0.1	0.10000	3.14300	0.0475
1,2-Dibromoethane	0.15	0.16	0.06	0.12	0.11	0.11	0.05	0.10000	3.14300	0.1301
Chlorobenzene	0.12	0.12	0.13	0.11	0.12	0.13	0.11	0.10000	3.14300	0.0257
Ethyl Benzene	0.09	0.09	0.1	0.09	0.09	0.09	0.08	0.10000	3.14300	0.0181
m/p-Xylene	0.2	0.19	0.2	0.19	0.19	0.18	0.16	0.20000	3.14300	0.0434
o-Xylene	0.1	0.1	0.1	0.09	0.09	0.09	0.08	0.10000	3.14300	0.0238
Styrene	0.12	0.12	0.09	0.08	0.08	0.09	0.07	0.10000	3.14300	0.0621
1,1,2,2-Tetrachloroethane	0.08	0.08	0.09	0.08	0.09	0.09	0.07	0.10000	3.14300	0.0238
Benzyl Chloride	0.03	0.04	0.04	0.04	0.03	0.03	0.02	0.10000	3.14300	0.0238
2-Chlorotoluene	0.16	0.16	0.16	0.14	0.14	0.15	0.13	0.10000	3.14300	0.0382
4-Ethyltoluene	0.07	0.06	0.07	0.05	0.06	0.06	0.05	0.10000	3.14300	0.0257
1,3,5-Trimethylbenzene	0.09	0.09	0.1	0.07	0.08	0.08	0.07	0.10000	3.14300	0.0350
1,2,4-Trimethylbenzene	0.12	0.12	0.12	0.11	0.11	0.11	0.1	0.10000	3.14300	0.0238

Method Detection Limit (MDL) Determination (continued)
E:\Quality Assurance\MDLs\

Parameter(s): TO-15 Matrix: AIR
Analysis Method: TO-15 Instrument: MSVOA_L
Prep Method: Analyst: Sam

Analytes	Units: ppbv Replicate Number 1	2	3	4	5	6	7	Spike Amount ppbv	t value	MDL ppbv
	VL000355.D	VL000356.D	VL000357.D	VL000358.D	VL000359.D	VL000360.D	VL000361.D			
1,3-Dichlorobenzene	0.08	0.08	0.07	0.08	0.07	0.07	0.07	0.10000	3.14300	0.0168
1,4-Dichlorobenzene	0.09	0.07	0.07	0.08	0.07	0.07	0.08	0.10000	3.14300	0.0247
1,2-Dichlorobenzene	0.08	0.08	0.07	0.06	0.07	0.07	0.07	0.10000	3.14300	0.0217
Hexachloro-1,3-Butadiene	0.08	0.08	0.09	0.07	0.08	0.09	0.08	0.10000	3.14300	0.0217
1,2,4-Trichlorobenzene	0.1	0.08	0.07	0.08	0.07	0.07	0.07	0.10000	3.14300	0.0350

Sample ID		SG1					
Lab Sample Number		Z1073-01					
Sampling Date		01/11/08					
Matrix		AIR					
Dilution Factor		6.2					
xx							
Chemical	**CAS Number**	**Molecular Weight**	**Insert Results in ppbv**	**Q**	**Generates Results in µg/m3**	**QAS Decision**	**Foot-notes**
Dichlorodifluoromethane	75-71-8	120.9	0.100	U	0.49		
tert-butyl alcohol	75-65-0	74.12	1.1	J	3.33		
Chloromethane (Methyl chloride)	74-87-3	50.49	0.6	J	1.24		
Vinyl chloride	75-01-4	62.50	0.150	U	0.38		
Bromoethene	593-60-2	106.9	0.150	U	0.66		
Chloroethane	75-00-3	64.52	0.100	U	0.26		
Trichlorofluoromethane (Freon 11)	75-69-4	137.4	0.180	U	1.01		
1,2-Dichlorotetrafluoroethane (Freon 114)	76-14-2	170.9	0.130	U	0.91		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	76-13-1	187.4	0.160	U	1.23		
Bromomethane (Methyl bromide)	74-83-9	94.94	0.150	U	0.58		
n-Heptane	142-82-5	100.2	0.150	U	0.61		
1,1-Dichloroethene	75-35-4	96.94	0.150	U	0.59		
Acetone (2-propanone)	67-64-1	58.08	10		23.75		
Carbon disulfide	75-15-0	76.14	0.095	U	0.30		
MTBE (Methyl tert-butyl ether)	1634-04-4	88.15	0.100	U	0.36		
Methylene chloride	75-09-2	84.94	0.9	J	3.13		
3-Chloropropene (allyl chloride)	107-05-1	76.53	0.380	U	1.19		
1,2-Dichloroethene (trans)	156-60-5	96.94	0.190	U	0.75		
1,1-Dichloroethane	75-34-3	98.96	0.150	U	0.61		
Cyclohexane	110-82-7	84.16	0.074	U	0.25		
2-Butanone (Methyl ethyl ketone)	78-93-3	72.11	1.7	J	5.01		
Carbon tetrachloride	56-23-5	153.8	0.100	U	0.63		
1,2-Dichloroethene (cis)	156-59-2	96.94	0.8	J	3.17		
Chloroform	67-66-3	119.4	0.190	U	0.93		
1,4 Dioxane	123-91-1	133	0.290	U	1.58		
1,1,1-Trichloroethane	71-55-6	133.4	3.0	J	16.37		
Tetrahydrofuran	109-99-9	154	0.520	U	3.28		
2,2,4-Trimethylpentane	540-84-1	114.2	0.150	U	0.70		
Benzene	71-43-2	78.11	0.6	J	1.92		
1,2-Dichloroethane	107-06-2	98.96	0.310	U	1.25		
Trichloroethene (TCE)	79-01-6	131.4	0.680		3.65		
1,2-Dichloropropane	78-87-5	113.0	0.300	U	1.39		
Bromodichloromethane	75-27-4	163.8	0.310	U	2.08		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
4-Methyl-2-pentanone (MIBK)	108-10-1	100.2	0.9	J	3.69		
Toluene	108-88-3	92.14	5.1		19.22		
trans-1,3-Dichloropropene	10061-02-6	111.0	0.350	U	1.59		
cis-1,3-Dichloropropene	10061-01-5	111.0	0.310	U	1.41		
1,1,2-Trichloroethane	79-00-5	133.4	0.270	U	1.47		
Dibromochloromethane	124-48-1	208.3	0.160	U	1.36		
1,2-Dibromoethane	106-93-4	187.9	0.810	U	6.22		
Tetrachloroethene (PCE)	127-18-4	165.8	0.9	J	6.10		
Chlorobenzene	108-90-7	112.6	0.160	U	0.74		
Ethylbenzene	100-41-4	106.2	0.110	U	0.48		
Xylenes (m&p)	126777-61-2	106.2	1.2	J	5.21		
Xylenes (o)	95-47-6	106.2	0.150	U	0.65		
Styrene	100-42-5	104.1	0.390	U	1.66		
Bromoform	75-25-2	252.8	0.095	U	0.98		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.150	U	1.03		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.220	U	1.08		
1,2,4-Trimethylbenzene	95-63-6	120.2	1.3	J	6.39		
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	120.2	0.093	U	0.46		
1,3-Dichlorobenzene	541-73-1	147.0	0.100	U	0.60		
1,4-Dichlorobenzene	106-46-7	147.0	0.6	J	3.61		
1,2-Dichlorobenzene	95-50-1	147.0	0.7	JB	4.21		
1,2,4-Trichlorobenzene	120-82-1	181.5	2.4	JB	17.82		
Hexachlorobutadiene	87-68-3	260.8	2.3	JB	24.53		
1,3-Butadiene	106-99-0	54.09	0.230	U	0.51		
n-Hexane	110-54-3	86.17	0.160	U	0.56		
Methyl methacrylate	80-62-6	100.117	0.390	U	1.60		
2-Chlorotoluene	95-49-8	126.58	0.240	U	1.24		

Sample ID		SG2					
Lab Sample Number		Z1073-02					
Sampling Date		01/11/08					
Matrix		AIR					
Dilution Factor		4.5					
xx							
Chemical	**CAS Number**	**Molecular Weight**	**Insert Results in ppbv**	**Q**	**Generates Results in µg/m3**	**QAS Decision**	**Foot-notes**
Dichlorodifluoromethane	75-71-8	120.9	0.076	U	0.38		
tert-butyl alcohol	75-65-0	74.12	3.7		11.22		
Chloromethane (Methyl chloride)	74-87-3	50.49	0.110	U	0.23		
Vinyl chloride	75-01-4	62.50	0.110	U	0.28		
Bromoethene	593-60-2	106.9	0.110	U	0.48		
Chloroethane	75-00-3	64.52	0.076	U	0.20		
Trichlorofluoromethane (Freon 11)	75-69-4	137.4	0.130	U	0.73		
1,2-Dichlorotetrafluoroethane (Freon 114)	76-14-2	170.9	0.098	U	0.68		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	76-13-1	187.4	0.120	U	0.92		
Bromomethane (Methyl bromide)	74-83-9	94.94	0.110	U	0.43		
n-Heptane	142-82-5	100.2	0.5	J	2.05		
1,1-Dichloroethene	75-35-4	96.94	0.110	U	0.44		
Acetone (2-propanone)	67-64-1	58.08	11		26.13		
Carbon disulfide	75-15-0	76.14	0.069	U	0.21		
MTBE (Methyl tert-butyl ether)	1634-04-4	88.15	0.076	U	0.27		
Methylene chloride	75-09-2	84.94	0.9	J	3.13		
3-Chloropropene (allyl chloride)	107-05-1	76.53	0.280	U	0.88		
1,2-Dichloroethene (trans)	156-60-5	96.94	0.140	U	0.56		
1,1-Dichloroethane	75-34-3	98.96	0.110	U	0.45		
Cyclohexane	110-82-7	84.16	0.054	U	0.19		
2-Butanone (Methyl ethyl ketone)	78-93-3	72.11	1.4	J	4.13		
Carbon tetrachloride	56-23-5	153.8	0.076	U	0.48		
1,2-Dichloroethene (cis)	156-59-2	96.94	0.5	J	1.98		
Chloroform	67-66-3	119.4	1.0	J	4.88		
1,4 Dioxane	123-91-1	133	0.210	U	1.14		
1,1,1-Trichloroethane	71-55-6	133.4	7.8		42.56		
Tetrahydrofuran	109-99-9	154	0.380	U	2.39		
2,2,4-Trimethylpentane	540-84-1	114.2	0.110	U	0.51		
Benzene	71-43-2	78.11	0.6	J	1.92		
1,2-Dichloroethane	107-06-2	98.96	0.230	U	0.93		
Trichloroethene (TCE)	79-01-6	131.4	0.990		5.32		
1,2-Dichloropropane	78-87-5	113.0	0.220	U	1.02		
Bromodichloromethane	75-27-4	163.8	0.230	U	1.54		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
4-Methyl-2-pentanone (MIBK)	108-10-1	100.2	0.8	J	3.28		
Toluene	108-88-3	92.14	4.5		16.96		
trans-1,3-Dichloropropene	10061-02-6	111.0	0.260	U	1.18		
cis-1,3-Dichloropropene	10061-01-5	111.0	0.220	U	1.00		
1,1,2-Trichloroethane	79-00-5	133.4	0.200	U	1.09		
Dibromochloromethane	124-48-1	208.3	0.120	U	1.02		
1,2-Dibromoethane	106-93-4	187.9	0.590	U	4.53		
Tetrachloroethene (PCE)	127-18-4	165.8	0.6	J	4.07		
Chlorobenzene	108-90-7	112.6	0.120	U	0.55		
Ethylbenzene	100-41-4	106.2	0.081	U	0.35		
Xylenes (m&p)	126777-61-2	106.2	1.0	J	4.34		
Xylenes (o)	95-47-6	106.2	0.5	J	2.17		
Styrene	100-42-5	104.1	0.280	U	1.19		
Bromoform	75-25-2	252.8	0.069	U	0.71		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.110	U	0.76		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.160	U	0.79		
1,2,4-Trimethylbenzene	95-63-6	120.2	1.1	J	5.41		
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	120.2	0.068	U	0.33		
1,3-Dichlorobenzene	541-73-1	147.0	0.076	U	0.46		
1,4-Dichlorobenzene	106-46-7	147.0	0.5	J	3.01		
1,2-Dichlorobenzene	95-50-1	147.0	0.5	JB	3.01		
1,2,4-Trichlorobenzene	120-82-1	181.5	1.5	JB	11.13		
Hexachlorobutadiene	87-68-3	260.8	1.6	JB	17.07		
1,3-Butadiene	106-99-0	54.09	0.160	U	0.35		
n-Hexane	110-54-3	86.17	0.120	U	0.42		
Methyl methacrylate	80-62-6	100.117	0.280	U	1.15		
2-Chlorotoluene	95-49-8	126.58	0.170	U	0.88		

Project:
Field ID Number:
Laboratory ID Number:

TARGET ANALYTES -
AIR RESULTS

Sampling Date:
Analysis Date:

Sample ID		SG3					
Lab Sample Number		Z1073-03					
Sampling Date		01/11/08					
Matrix		AIR					
Dilution Factor		5.5					
xx							
Chemical	**CAS Number**	**Molecular Weight**	**Insert Results in ppbv**	**Q**	**Generates Results in µg/m3**	**QAS Decision**	**Foot-notes**
Dichlorodifluoromethane	75-71-8	120.9	0.092	U	0.45		
tert-butyl alcohol	75-65-0	74.12	2.0	J	6.06		
Chloromethane (Methyl chloride)	74-87-3	50.49	0.140	U	0.29		
Vinyl chloride	75-01-4	62.50	0.130	U	0.33		
Bromoethene	593-60-2	106.9	0.130	U	0.57		
Chloroethane	75-00-3	64.52	0.092	U	0.24		
Trichlorofluoromethane (Freon 11)	75-69-4	137.4	0.160	U	0.90		
1,2-Dichlorotetrafluoroethane (Freon 114)	76-14-2	170.9	0.120	U	0.84		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	76-13-1	187.4	0.140	U	1.07		
Bromomethane (Methyl bromide)	74-83-9	94.94	0.130	U	0.50		
n-Heptane	142-82-5	100.2	0.130	U	0.53		
1,1-Dichloroethene	75-35-4	96.94	0.140	U	0.56		
Acetone (2-propanone)	67-64-1	58.08	13		30.88		
Carbon disulfide	75-15-0	76.14	0.084	U	0.26		
MTBE (Methyl tert-butyl ether)	1634-04-4	88.15	0.092	U	0.33		
Methylene chloride	75-09-2	84.94	1.1	J	3.82		
3-Chloropropene (allyl chloride)	107-05-1	76.53	0.340	U	1.06		
1,2-Dichloroethene (trans)	156-60-5	96.94	0.170	U	0.67		
1,1-Dichloroethane	75-34-3	98.96	0.130	U	0.53		
Cyclohexane	110-82-7	84.16	0.065	U	0.22		
2-Butanone (Methyl ethyl ketone)	78-93-3	72.11	3.1		9.14		
Carbon tetrachloride	56-23-5	153.8	0.092	U	0.58		
1,2-Dichloroethene (cis)	156-59-2	96.94	0.190	U	0.75		
Chloroform	67-66-3	119.4	0.8	J	3.91		
1,4 Dioxane	123-91-1	133	0.250	U	1.36		
1,1,1-Trichloroethane	71-55-6	133.4	150	E	818.40		
Tetrahydrofuran	109-99-9	154	0.460	U	2.90		
2,2,4-Trimethylpentane	540-84-1	114.2	0.140	U	0.65		
Benzene	71-43-2	78.11	0.9	J	2.88		
1,2-Dichloroethane	107-06-2	98.96	0.280	U	1.13		
Trichloroethene (TCE)	79-01-6	131.4	21		112.86		
1,2-Dichloropropane	78-87-5	113.0	0.260	U	1.20		
Bromodichloromethane	75-27-4	163.8	0.280	U	1.88		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
4-Methyl-2-pentanone (MIBK)	108-10-1	100.2	3.2		13.11		
Toluene	108-88-3	92.14	6.0		22.61		
trans-1,3-Dichloropropene	10061-02-6	111.0	0.310	U	1.41		
cis-1,3-Dichloropropene	10061-01-5	111.0	0.270	U	1.23		
1,1,2-Trichloroethane	79-00-5	133.4	0.240	U	1.31		
Dibromochloromethane	124-48-1	208.3	0.140	U	1.19		
1,2-Dibromoethane	106-93-4	187.9	0.720	U	5.53		
Tetrachloroethene (PCE)	127-18-4	165.8	0.6	J	4.07		
Chlorobenzene	108-90-7	112.6	0.140	U	0.64		
Ethylbenzene	100-41-4	106.2	0.6	J	2.61		
Xylenes (m&p)	126777-61-2	106.2	1.5	J	6.52		
Xylenes (o)	95-47-6	106.2	0.6	J	2.61		
Styrene	100-42-5	104.1	0.340	U	1.45		
Bromoform	75-25-2	252.8	0.084	U	0.87		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.130	U	0.89		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.6	J	2.95		
1,2,4-Trimethylbenzene	95-63-6	120.2	1.2	J	5.90		
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	120.2	0.082	U	0.40		
1,3-Dichlorobenzene	541-73-1	147.0	0.092	U	0.55		
1,4-Dichlorobenzene	106-46-7	147.0	0.6	J	3.61		
1,2-Dichlorobenzene	95-50-1	147.0	0.7	JB	4.21		
1,2,4-Trichlorobenzene	120-82-1	181.5	2.0	JB	14.85		
Hexachlorobutadiene	87-68-3	260.8	2.1	JB	22.40		
1,3-Butadiene	106-99-0	54.09	0.200	U	0.44		
n-Hexane	110-54-3	86.17	0.140	U	0.49		
Methyl methacrylate	80-62-6	100.117	0.350	U	1.43		
2-Chlorotoluene	95-49-8	126.58	0.210	U	1.09		

Project:
Field ID Number:
Laboratory ID Number:

TARGET ANALYTES -
AIR RESULTS

Sampling Date:
Analysis Date:

Sample ID		SG3DL					
Lab Sample Number		Z1073-03DL					
Sampling Date		01/11/08					
Matrix		AIR					
Dilution Factor		11.0					
xx							
Chemical	**CAS Number**	**Molecular Weight**	**Insert Results in ppbv**	**Q**	**Generates Results in µg/m3**	**QAS Decision**	**Foot-notes**
Dichlorodifluoromethane	75-71-8	120.9	0.180	U	0.89		
tert-butyl alcohol	75-65-0	74.12	2.0	JD	6.06		
Chloromethane (Methyl chloride)	74-87-3	50.49	0.270	U	0.56		
Vinyl chloride	75-01-4	62.50	0.260	U	0.66		
Bromoethene	593-60-2	106.9	0.260	U	1.14		
Chloroethane	75-00-3	64.52	0.180	U	0.47		
Trichlorofluoromethane (Freon 11)	75-69-4	137.4	0.310	U	1.74		
1,2-Dichlorotetrafluoroethane (Freon 114)	76-14-2	170.9	0.240	U	1.68		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	76-13-1	187.4	0.280	U	2.15		
Bromomethane (Methyl bromide)	74-83-9	94.94	0.260	U	1.01		
n-Heptane	142-82-5	100.2	0.260	U	1.07		
1,1-Dichloroethene	75-35-4	96.94	0.270	U	1.07		
Acetone (2-propanone)	67-64-1	58.08	14	D	33.26		
Carbon disulfide	75-15-0	76.14	0.170	U	0.53		
MTBE (Methyl tert-butyl ether)	1634-04-4	88.15	0.180	U	0.65		
Methylene chloride	75-09-2	84.94	1.4	JD	4.86		
3-Chloropropene (allyl chloride)	107-05-1	76.53	0.670	U	2.10		
1,2-Dichloroethene (trans)	156-60-5	96.94	0.340	U	1.35		
1,1-Dichloroethane	75-34-3	98.96	0.260	U	1.05		
Cyclohexane	110-82-7	84.16	0.130	U	0.45		
2-Butanone (Methyl ethyl ketone)	78-93-3	72.11	3.3	JD	9.73		
Carbon tetrachloride	56-23-5	153.8	0.180	U	1.13		
1,2-Dichloroethene (cis)	156-59-2	96.94	0.380	U	1.51		
Chloroform	67-66-3	119.4	0.340	U	1.66		
1,4 Dioxane	123-91-1	133	0.510	U	2.77		
1,1,1-Trichloroethane	71-55-6	133.4	150	D	818.40		
Tetrahydrofuran	109-99-9	154	0.920	U	5.79		
2,2,4-Trimethylpentane	540-84-1	114.2	0.270	U	1.26		
Benzene	71-43-2	78.11	1.1	JD	3.51		
1,2-Dichloroethane	107-06-2	98.96	0.550	U	2.23		
Trichloroethene (TCE)	79-01-6	131.4	21	D	112.86		
1,2-Dichloropropane	78-87-5	113.0	0.530	U	2.45		
Bromodichloromethane	75-27-4	163.8	0.550	U	3.68		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
4-Methyl-2-pentanone (MIBK)	108-10-1	100.2	3.1	JD	12.70		
Toluene	108-88-3	92.14	5.9	D	22.23		
trans-1,3-Dichloropropene	10061-02-6	111.0	0.630	U	2.86		
cis-1,3-Dichloropropene	10061-01-5	111.0	0.540	U	2.45		
1,1,2-Trichloroethane	79-00-5	133.4	0.480	U	2.62		
Dibromochloromethane	124-48-1	208.3	0.280	U	2.39		
1,2-Dibromoethane	106-93-4	187.9	1.4	U	10.76		
Tetrachloroethene (PCE)	127-18-4	165.8	0.520	U	3.53		
Chlorobenzene	108-90-7	112.6	0.280	U	1.29		
Ethylbenzene	100-41-4	106.2	0.200	U	0.87		
Xylenes (m&p)	126777-61-2	106.2	1.6	JD	6.95		
Xylenes (o)	95-47-6	106.2	0.260	U	1.13		
Styrene	100-42-5	104.1	0.680	U	2.90		
Bromoform	75-25-2	252.8	0.170	U	1.76		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.260	U	1.79		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.380	U	1.87		
1,2,4-Trimethylbenzene	95-63-6	120.2	1.9	JD	9.34		
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	120.2	0.160	U	0.79		
1,3-Dichlorobenzene	541-73-1	147.0	0.180	U	1.08		
1,4-Dichlorobenzene	106-46-7	147.0	1.2	JD	7.21		
1,2-Dichlorobenzene	95-50-1	147.0	1.4	JDB	8.42		
1,2,4-Trichlorobenzene	120-82-1	181.5	4.2	JDB	31.18		
Hexachlorobutadiene	87-68-3	260.8	4.4	JDB	46.93		
1,3-Butadiene	106-99-0	54.09	0.400	U	0.88		
n-Hexane	110-54-3	86.17	0.280	U	0.99		
Methyl methacrylate	80-62-6	100.117	0.690	U	2.83		
2-Chlorotoluene	95-49-8	126.58	0.420	U	2.17		

Project:
Field ID Number:
Laboratory ID Number:

TARGET ANALYTES -
AIR RESULTS

Sampling Date:
Analysis Date:

Sample ID		SG4					
Lab Sample Number		Z1073-04					
Sampling Date		01/11/08					
Matrix		AIR					
Dilution Factor		10.0					
xx							
Chemical	**CAS Number**	**Molecular Weight**	**Insert Results in ppbv**	**Q**	**Generates Results in µg/m3**	**QAS Decision**	**Foot-notes**
Dichlorodifluoromethane	75-71-8	120.9	0.170	U	0.84		
tert-butyl alcohol	75-65-0	74.12	0.790	U	2.39		
Chloromethane (Methyl chloride)	74-87-3	50.49	0.250	U	0.52		
Vinyl chloride	75-01-4	62.50	17		43.46		
Bromoethene	593-60-2	106.9	0.240	U	1.05		
Chloroethane	75-00-3	64.52	0.170	U	0.45		
Trichlorofluoromethane (Freon 11)	75-69-4	137.4	0.280	U	1.57		
1,2-Dichlorotetrafluoroethane (Freon 114)	76-14-2	170.9	0.220	U	1.54		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	76-13-1	187.4	1.0	J	7.66		
Bromomethane (Methyl bromide)	74-83-9	94.94	0.240	U	0.93		
n-Heptane	142-82-5	100.2	0.240	U	0.98		
1,1-Dichloroethene	75-35-4	96.94	31		122.91		
Acetone (2-propanone)	67-64-1	58.08	5.3		12.59		
Carbon disulfide	75-15-0	76.14	0.150	U	0.47		
MTBE (Methyl tert-butyl ether)	1634-04-4	88.15	0.170	U	0.61		
Methylene chloride	75-09-2	84.94	0.150	U	0.52		
3-Chloropropene (allyl chloride)	107-05-1	76.53	0.610	U	1.91		
1,2-Dichloroethene (trans)	156-60-5	96.94	11		43.61		
1,1-Dichloroethane	75-34-3	98.96	3.1	J	12.55		
Cyclohexane	110-82-7	84.16	1.6	J	5.51		
2-Butanone (Methyl ethyl ketone)	78-93-3	72.11	1.0	U	2.95		
Carbon tetrachloride	56-23-5	153.8	0.170	U	1.07		
1,2-Dichloroethene (cis)	156-59-2	96.94	1300	E	5,154.27		
Chloroform	67-66-3	119.4	3.7	J	18.07		
1,4 Dioxane	123-91-1	133	0.460	U	2.50		
1,1,1-Trichloroethane	71-55-6	133.4	8.9		48.56		
Tetrahydrofuran	109-99-9	154	0.840	U	5.29		
2,2,4-Trimethylpentane	540-84-1	114.2	0.250	U	1.17		
Benzene	71-43-2	78.11	2.2	J	7.03		
1,2-Dichloroethane	107-06-2	98.96	0.500	U	2.02		
Trichloroethene (TCE)	79-01-6	131.4	1200	E	6,449.08		
1,2-Dichloropropane	78-87-5	113.0	0.480	U	2.22		
Bromodichloromethane	75-27-4	163.8	0.500	U	3.35		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
4-Methyl-2-pentanone (MIBK)	108-10-1	100.2	0.500	U	2.05		
Toluene	108-88-3	92.14	6.2		23.36		
trans-1,3-Dichloropropene	10061-02-6	111.0	0.570	U	2.59		
cis-1,3-Dichloropropene	10061-01-5	111.0	0.500	U	2.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.440	U	2.40		
Dibromochloromethane	124-48-1	208.3	0.260	U	2.22		
1,2-Dibromoethane	106-93-4	187.9	1.3	U	9.99		
Tetrachloroethene (PCE)	127-18-4	165.8	8.6		58.32		
Chlorobenzene	108-90-7	112.6	0.260	U	1.20		
Ethylbenzene	100-41-4	106.2	0.180	U	0.78		
Xylenes (m&p)	126777-61-2	106.2	1.1	J	4.78		
Xylenes (o)	95-47-6	106.2	0.240	U	1.04		
Styrene	100-42-5	104.1	0.620	U	2.64		
Bromoform	75-25-2	252.8	0.150	U	1.55		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.240	U	1.65		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.350	U	1.72		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.240	U	1.18		
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	120.2	0.150	U	0.74		
1,3-Dichlorobenzene	541-73-1	147.0	0.170	U	1.02		
1,4-Dichlorobenzene	106-46-7	147.0	1.2	J	7.21		
1,2-Dichlorobenzene	95-50-1	147.0	1.4	JB	8.42		
1,2,4-Trichlorobenzene	120-82-1	181.5	1.1	JB	8.17		
Hexachlorobutadiene	87-68-3	260.8	0.220	U	2.35		
1,3-Butadiene	106-99-0	54.09	0.360	U	0.80		
n-Hexane	110-54-3	86.17	0.260	U	0.92		
Methyl methacrylate	80-62-6	100.117	0.630	U	2.58		
2-Chlorotoluene	95-49-8	126.58	0.380	U	1.97		

Project:
Field ID Number:
Laboratory ID Number:

TARGET ANALYTES -
AIR RESULTS

Sampling Date:
Analysis Date:

Sample ID		SG4DL					
Lab Sample Number		Z1073-04DL					
Sampling Date		01/11/08					
Matrix		AIR					
Dilution Factor		500.0					
xx							
Chemical	**CAS Number**	**Molecular Weight**	**Insert Results in ppbv**	**Q**	**Generates Results in µg/m3**	**QAS Decision**	**Foot-notes**
Dichlorodifluoromethane	75-71-8	120.9	8.4	U	41.54		
tert-butyl alcohol	75-65-0	74.12	40	U	121.26		
Chloromethane (Methyl chloride)	74-87-3	50.49	12	U	24.78		
Vinyl chloride	75-01-4	62.50	12	U	30.67		
Bromoethene	593-60-2	106.9	12	U	52.47		
Chloroethane	75-00-3	64.52	8.4	U	22.17		
Trichlorofluoromethane (Freon 11)	75-69-4	137.4	14	U	78.67		
1,2-Dichlorotetrafluoroethane (Freon 114)	76-14-2	170.9	11	U	76.89		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	76-13-1	187.4	13	U	99.64		
Bromomethane (Methyl bromide)	74-83-9	94.94	12	U	46.60		
n-Heptane	142-82-5	100.2	12	U	49.18		
1,1-Dichloroethene	75-35-4	96.94	12	U	47.58		
Acetone (2-propanone)	67-64-1	58.08	95	JD	225.67		
Carbon disulfide	75-15-0	76.14	7.6	U	23.67		
MTBE (Methyl tert-butyl ether)	1634-04-4	88.15	8.4	U	30.28		
Methylene chloride	75-09-2	84.94	7.6	U	26.40		
3-Chloropropene (allyl chloride)	107-05-1	76.53	31	U	97.03		
1,2-Dichloroethene (trans)	156-60-5	96.94	15	U	59.47		
1,1-Dichloroethane	75-34-3	98.96	12	U	48.57		
Cyclohexane	110-82-7	84.16	6.0	U	20.65		
2-Butanone (Methyl ethyl ketone)	78-93-3	72.11	50	U	147.46		
Carbon tetrachloride	56-23-5	153.8	8.4	U	52.84		
1,2-Dichloroethene (cis)	156-59-2	96.94	2800	D	11,101.51		
Chloroform	67-66-3	119.4	15	U	73.25		
1,4 Dioxane	123-91-1	133	30	JD	163.19		
1,1,1-Trichloroethane	71-55-6	133.4	11	U	60.02		
Tetrahydrofuran	109-99-9	154	42	U	264.54		
2,2,4-Trimethylpentane	540-84-1	114.2	12	U	56.05		
Benzene	71-43-2	78.11	22	U	70.28		
1,2-Dichloroethane	107-06-2	98.96	25	U	101.19		
Trichloroethene (TCE)	79-01-6	131.4	9600	D	51,592.64		
1,2-Dichloropropane	78-87-5	113.0	24	U	110.92		
Bromodichloromethane	75-27-4	163.8	25	U	167.48		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
4-Methyl-2-pentanone (MIBK)	108-10-1	100.2	25	U	102.45		
Toluene	108-88-3	92.14	24	U	90.44		
trans-1,3-Dichloropropene	10061-02-6	111.0	28	U	127.12		
cis-1,3-Dichloropropene	10061-01-5	111.0	25	U	113.50		
1,1,2-Trichloroethane	79-00-5	133.4	22	U	120.03		
Dibromochloromethane	124-48-1	208.3	13	U	110.75		
1,2-Dibromoethane	106-93-4	187.9	65	U	499.53		
Tetrachloroethene (PCE)	127-18-4	165.8	30	JD	203.44		
Chlorobenzene	108-90-7	112.6	13	U	59.87		
Ethylbenzene	100-41-4	106.2	9.0	U	39.09		
Xylenes (m&p)	126777-61-2	106.2	22	U	95.56		
Xylenes (o)	95-47-6	106.2	12	U	52.12		
Styrene	100-42-5	104.1	31	U	131.99		
Bromoform	75-25-2	252.8	7.6	U	78.58		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	12	U	82.40		
1,3,5-Trimethylbenzene	108-67-8	120.2	18	U	88.49		
1,2,4-Trimethylbenzene	95-63-6	120.2	12	U	58.99		
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	120.2	7.5	U	36.87		
1,3-Dichlorobenzene	541-73-1	147.0	8.4	U	50.50		
1,4-Dichlorobenzene	106-46-7	147.0	12	U	72.15		
1,2-Dichlorobenzene	95-50-1	147.0	11	U	66.13		
1,2,4-Trichlorobenzene	120-82-1	181.5	75	JDB	556.75		
Hexachlorobutadiene	87-68-3	260.8	65	JDB	693.33		
1,3-Butadiene	106-99-0	54.09	18	U	39.82		
n-Hexane	110-54-3	86.17	13	U	45.82		
Methyl methacrylate	80-62-6	100.117	32	U	131.03		
2-Chlorotoluene	95-49-8	126.58	19	U	98.36		

Project:
Field ID Number:
Laboratory ID Number:

TARGET ANALYTES -
AIR RESULTS

Sampling Date:
Analysis Date:

Sample ID		SG5					
Lab Sample Number		Z1073-05					
Sampling Date		01/11/08					
Matrix		AIR					
Dilution Factor		4.0					
xx							
Chemical	**CAS Number**	**Molecular Weight**	**Insert Results in ppbv**	**Q**	**Generates Results in µg/m3**	**QAS Decision**	**Foot-notes**
Dichlorodifluoromethane	75-71-8	120.9	0.6	J	2.97		
tert-butyl alcohol	75-65-0	74.12	14		42.44		
Chloromethane (Methyl chloride)	74-87-3	50.49	0.5	J	1.03		
Vinyl chloride	75-01-4	62.50	0.095	U	0.24		
Bromoethene	593-60-2	106.9	0.095	U	0.42		
Chloroethane	75-00-3	64.52	0.067	U	0.18		
Trichlorofluoromethane (Freon 11)	75-69-4	137.4	0.110	U	0.62		
1,2-Dichlorotetrafluoroethane (Freon 114)	76-14-2	170.9	0.087	U	0.61		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	76-13-1	187.4	0.100	U	0.77		
Bromomethane (Methyl bromide)	74-83-9	94.94	0.095	U	0.37		
n-Heptane	142-82-5	100.2	3.7		15.16		
1,1-Dichloroethene	75-35-4	96.94	0.099	U	0.39		
Acetone (2-propanone)	67-64-1	58.08	160	E	380.07		
Carbon disulfide	75-15-0	76.14	0.061	U	0.19		
MTBE (Methyl tert-butyl ether)	1634-04-4	88.15	0.067	U	0.24		
Methylene chloride	75-09-2	84.94	10		34.74		
3-Chloropropene (allyl chloride)	107-05-1	76.53	0.250	U	0.78		
1,2-Dichloroethene (trans)	156-60-5	96.94	0.120	U	0.48		
1,1-Dichloroethane	75-34-3	98.96	0.7	J	2.83		
Cyclohexane	110-82-7	84.16	0.9	J	3.10		
2-Butanone (Methyl ethyl ketone)	78-93-3	72.11	15		44.24		
Carbon tetrachloride	56-23-5	153.8	0.52		3.27		
1,2-Dichloroethene (cis)	156-59-2	96.94	38		150.66		
Chloroform	67-66-3	119.4	2.4		11.72		
1,4 Dioxane	123-91-1	133	0.180	U	0.98		
1,1,1-Trichloroethane	71-55-6	133.4	2.4		13.09		
Tetrahydrofuran	109-99-9	154	0.340	U	2.14		
2,2,4-Trimethylpentane	540-84-1	114.2	0.7	J	3.27		
Benzene	71-43-2	78.11	3.7		11.82		
1,2-Dichloroethane	107-06-2	98.96	0.200	U	0.81		
Trichloroethene (TCE)	79-01-6	131.4	15		80.61		
1,2-Dichloropropane	78-87-5	113.0	0.190	U	0.88		
Bromodichloromethane	75-27-4	163.8	0.200	U	1.34		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
4-Methyl-2-pentanone (MIBK)	108-10-1	100.2	18		73.77		
Toluene	108-88-3	92.14	32		120.59		
trans-1,3-Dichloropropene	10061-02-6	111.0	0.230	U	1.04		
cis-1,3-Dichloropropene	10061-01-5	111.0	0.200	U	0.91		
1,1,2-Trichloroethane	79-00-5	133.4	0.180	U	0.98		
Dibromochloromethane	124-48-1	208.3	0.100	U	0.85		
1,2-Dibromoethane	106-93-4	187.9	0.520	U	4.00		
Tetrachloroethene (PCE)	127-18-4	165.8	1.0	J	6.78		
Chlorobenzene	108-90-7	112.6	0.100	U	0.46		
Ethylbenzene	100-41-4	106.2	2.2		9.56		
Xylenes (m&p)	126777-61-2	106.2	6.7		29.10		
Xylenes (o)	95-47-6	106.2	1.9	J	8.25		
Styrene	100-42-5	104.1	0.250	U	1.06		
Bromoform	75-25-2	252.8	0.061	U	0.63		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.095	U	0.65		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.6	J	2.95		
1,2,4-Trimethylbenzene	95-63-6	120.2	2.4		11.80		
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	120.2	0.6	J	2.95		
1,3-Dichlorobenzene	541-73-1	147.0	0.4	J	2.40		
1,4-Dichlorobenzene	106-46-7	147.0	1.1	J	6.61		
1,2-Dichlorobenzene	95-50-1	147.0	0.5	JB	3.01		
1,2,4-Trichlorobenzene	120-82-1	181.5	1.6	JB	11.88		
Hexachlorobutadiene	87-68-3	260.8	1.5	JB	16.00		
1,3-Butadiene	106-99-0	54.09	20		44.25		
n-Hexane	110-54-3	86.17	0.100	U	0.35		
Methyl methacrylate	80-62-6	100.117	0.250	U	1.02		
2-Chlorotoluene	95-49-8	126.58	0.150	U	0.78		

Project:
Field ID Number:
Laboratory ID Number:

TARGET ANALYTES -
AIR RESULTS

Sampling Date:
Analysis Date:

Sample ID		SG5DL					
Lab Sample Number		Z1073-05DL					
Sampling Date		01/11/08					
Matrix		AIR					
Dilution Factor		20.0					
xx							
Chemical	**CAS Number**	**Molecular Weight**	**Insert Results in ppbv**	**Q**	**Generates Results in µg/m3**	**QAS Decision**	**Foot-notes**
Dichlorodifluoromethane	75-71-8	120.9	0.340	U	1.68		
tert-butyl alcohol	75-65-0	74.12	14	D	42.44		
Chloromethane (Methyl chloride)	74-87-3	50.49	0.490	U	1.01		
Vinyl chloride	75-01-4	62.50	0.480	U	1.23		
Bromoethene	593-60-2	106.9	0.480	U	2.10		
Chloroethane	75-00-3	64.52	0.340	U	0.90		
Trichlorofluoromethane (Freon 11)	75-69-4	137.4	0.570	U	3.20		
1,2-Dichlorotetrafluoroethane (Freon 114)	76-14-2	170.9	0.430	U	3.01		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	76-13-1	187.4	0.510	U	3.91		
Bromomethane (Methyl bromide)	74-83-9	94.94	0.480	U	1.86		
n-Heptane	142-82-5	100.2	4.2	JD	17.21		
1,1-Dichloroethene	75-35-4	96.94	0.490	U	1.94		
Acetone (2-propanone)	67-64-1	58.08	130	D	308.81		
Carbon disulfide	75-15-0	76.14	0.310	U	0.97		
MTBE (Methyl tert-butyl ether)	1634-04-4	88.15	0.340	U	1.23		
Methylene chloride	75-09-2	84.94	12	D	41.69		
3-Chloropropene (allyl chloride)	107-05-1	76.53	1.2	U	3.76		
1,2-Dichloroethene (trans)	156-60-5	96.94	0.610	U	2.42		
1,1-Dichloroethane	75-34-3	98.96	0.480	U	1.94		
Cyclohexane	110-82-7	84.16	0.240	U	0.83		
2-Butanone (Methyl ethyl ketone)	78-93-3	72.11	13	D	38.34		
Carbon tetrachloride	56-23-5	153.8	0.340	U	2.14		
1,2-Dichloroethene (cis)	156-59-2	96.94	35	D	138.77		
Chloroform	67-66-3	119.4	2.4	JD	11.72		
1,4 Dioxane	123-91-1	133	0.920	U	5.00		
1,1,1-Trichloroethane	71-55-6	133.4	2.2	JD	12.00		
Tetrahydrofuran	109-99-9	154	1.7	U	10.71		
2,2,4-Trimethylpentane	540-84-1	114.2	0.490	U	2.29		
Benzene	71-43-2	78.11	3.6	JD	11.50		
1,2-Dichloroethane	107-06-2	98.96	1.0	U	4.05		
Trichloroethene (TCE)	79-01-6	131.4	14	D	75.24		
1,2-Dichloropropane	78-87-5	113.0	0.960	U	4.44		
Bromodichloromethane	75-27-4	163.8	1.0	U	6.70		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
4-Methyl-2-pentanone (MIBK)	108-10-1	100.2	14	D	57.37		
Toluene	108-88-3	92.14	27	D	101.75		
trans-1,3-Dichloropropene	10061-02-6	111.0	1.1	U	4.99		
cis-1,3-Dichloropropene	10061-01-5	111.0	0.990	U	4.49		
1,1,2-Trichloroethane	79-00-5	133.4	0.880	U	4.80		
Dibromochloromethane	124-48-1	208.3	0.510	U	4.34		
1,2-Dibromoethane	106-93-4	187.9	2.6	U	19.98		
Tetrachloroethene (PCE)	127-18-4	165.8	0.950	U	6.44		
Chlorobenzene	108-90-7	112.6	0.510	U	2.35		
Ethylbenzene	100-41-4	106.2	2.0	JD	8.69		
Xylenes (m&p)	126777-61-2	106.2	6.0	JD	26.06		
Xylenes (o)	95-47-6	106.2	2.0	JD	8.69		
Styrene	100-42-5	104.1	1.2	U	5.11		
Bromoform	75-25-2	252.8	0.310	U	3.21		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.480	U	3.30		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.700	U	3.44		
1,2,4-Trimethylbenzene	95-63-6	120.2	3.4	JD	16.71		
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	120.2	0.300	U	1.47		
1,3-Dichlorobenzene	541-73-1	147.0	0.340	U	2.04		
1,4-Dichlorobenzene	106-46-7	147.0	2.8	JD	16.83		
1,2-Dichlorobenzene	95-50-1	147.0	2.4	JDB	14.43		
1,2,4-Trichlorobenzene	120-82-1	181.5	6.6	JDB	48.99		
Hexachlorobutadiene	87-68-3	260.8	7.6	JDB	81.07		
1,3-Butadiene	106-99-0	54.09	0.730	U	1.61		
n-Hexane	110-54-3	86.17	0.510	U	1.80		
Methyl methacrylate	80-62-6	100.117	1.3	U	5.32		
2-Chlorotoluene	95-49-8	126.58	0.760	U	3.93		

Project:
Field ID Number:
Laboratory ID Number:

TARGET ANALYTES -
AIR RESULTS

Sampling Date:
Analysis Date:

Sample ID		SG6					
Lab Sample Number		Z1073-06					
Sampling Date		01/11/08					
Matrix		AIR					
Dilution Factor		7.5					
xx							
Chemical	**CAS Number**	**Molecular Weight**	**Insert Results in ppbv**	**Q**	**Generates Results in µg/m3**	**QAS Decision**	**Foot-notes**
Dichlorodifluoromethane	75-71-8	120.9	0.130	U	0.64		
tert-butyl alcohol	75-65-0	74.12	2.8	J	8.49		
Chloromethane (Methyl chloride)	74-87-3	50.49	0.190	U	0.39		
Vinyl chloride	75-01-4	62.50	0.180	U	0.46		
Bromoethene	593-60-2	106.9	0.180	U	0.79		
Chloroethane	75-00-3	64.52	0.130	U	0.34		
Trichlorofluoromethane (Freon 11)	75-69-4	137.4	0.210	U	1.18		
1,2-Dichlorotetrafluoroethane (Freon 114)	76-14-2	170.9	0.160	U	1.12		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon T	76-13-1	187.4	0.190	U	1.46		
Bromomethane (Methyl bromide)	74-83-9	94.94	0.180	U	0.70		
n-Heptane	142-82-5	100.2	0.9	J	3.69		
1,1-Dichloroethene	75-35-4	96.94	0.190	U	0.75		
Acetone (2-propanone)	67-64-1	58.08	12		28.51		
Carbon disulfide	75-15-0	76.14	0.110	U	0.34		
MTBE (Methyl tert-butyl ether)	1634-04-4	88.15	0.130	U	0.47		
Methylene chloride	75-09-2	84.94	2.9	J	10.07		
3-Chloropropene (allyl chloride)	107-05-1	76.53	0.460	U	1.44		
1,2-Dichloroethene (trans)	156-60-5	96.94	0.230	U	0.91		
1,1-Dichloroethane	75-34-3	98.96	3.6	J	14.57		
Cyclohexane	110-82-7	84.16	0.089	U	0.31		
2-Butanone (Methyl ethyl ketone)	78-93-3	72.11	1.8	J	5.31		
Carbon tetrachloride	56-23-5	153.8	15		94.36		
1,2-Dichloroethene (cis)	156-59-2	96.94	0.260	U	1.03		
Chloroform	67-66-3	119.4	29		141.62		
1,4 Dioxane	123-91-1	133	0.340	U	1.85		
1,1,1-Trichloroethane	71-55-6	133.4	60		327.36		
Tetrahydrofuran	109-99-9	154	0.630	U	3.97		
2,2,4-Trimethylpentane	540-84-1	114.2	0.190	U	0.89		
Benzene	71-43-2	78.11	1.2	J	3.83		
1,2-Dichloroethane	107-06-2	98.96	0.380	U	1.54		
Trichloroethene (TCE)	79-01-6	131.4	27		145.10		
1,2-Dichloropropane	78-87-5	113.0	0.360	U	1.66		
Bromodichloromethane	75-27-4	163.8	0.380	U	2.55		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
4-Methyl-2-pentanone (MIBK)	108-10-1	100.2	1.0	J	4.10		
Toluene	108-88-3	92.14	4.4		16.58		
trans-1,3-Dichloropropene	10061-02-6	111.0	0.430	U	1.95		
cis-1,3-Dichloropropene	10061-01-5	111.0	0.370	U	1.68		
1,1,2-Trichloroethane	79-00-5	133.4	0.330	U	1.80		
Dibromochloromethane	124-48-1	208.3	0.190	U	1.62		
1,2-Dibromoethane	106-93-4	187.9	0.980	U	7.53		
Tetrachloroethene (PCE)	127-18-4	165.8	0.360	U	2.44		
Chlorobenzene	108-90-7	112.6	0.190	U	0.88		
Ethylbenzene	100-41-4	106.2	0.140	U	0.61		
Xylenes (m&p)	126777-61-2	106.2	0.9	J	3.91		
Xylenes (o)	95-47-6	106.2	0.180	U	0.78		
Styrene	100-42-5	104.1	0.470	U	2.00		
Bromoform	75-25-2	252.8	0.110	U	1.14		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.180	U	1.24		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.260	U	1.28		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.9	J	4.42		
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	120.2	0.110	U	0.54		
1,3-Dichlorobenzene	541-73-1	147.0	0.130	U	0.78		
1,4-Dichlorobenzene	106-46-7	147.0	0.9	J	5.41		
1,2-Dichlorobenzene	95-50-1	147.0	0.8	JB	4.81		
1,2,4-Trichlorobenzene	120-82-1	181.5	2.6	JB	19.30		
Hexachlorobutadiene	87-68-3	260.8	2.5	JB	26.67		
1,3-Butadiene	106-99-0	54.09	0.270	U	0.60		
n-Hexane	110-54-3	86.17	0.190	U	0.67		
Methyl methacrylate	80-62-6	100.117	0.470	U	1.92		
2-Chlorotoluene	95-49-8	126.58	0.290	U	1.50		

Sample ID		SG7					
Lab Sample Number		Z1073-07					
Sampling Date		01/11/08					
Matrix		AIR					
Dilution Factor		3.5					
xx							
Chemical	**CAS Number**	**Molecular Weight**	**Insert Results in ppbv**	**Q**	**Generates Results in µg/m3**	**QAS Decision**	**Foot-notes**
Dichlorodifluoromethane	75-71-8	120.9	0.059	U	0.29		
tert-butyl alcohol	75-65-0	74.12	2.1		6.37		
Chloromethane (Methyl chloride)	74-87-3	50.49	0.4	J	0.83		
Vinyl chloride	75-01-4	62.50	0.083	U	0.21		
Bromoethene	593-60-2	106.9	0.083	U	0.36		
Chloroethane	75-00-3	64.52	0.059	U	0.16		
Trichlorofluoromethane (Freon 11)	75-69-4	137.4	0.099	U	0.56		
1,2-Dichlorotetrafluoroethane (Freon 114)	76-14-2	170.9	0.076	U	0.53		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	76-13-1	187.4	0.090	U	0.69		
Bromomethane (Methyl bromide)	74-83-9	94.94	0.083	U	0.32		
n-Heptane	142-82-5	100.2	63		258.18		
1,1-Dichloroethene	75-35-4	96.94	0.086	U	0.34		
Acetone (2-propanone)	67-64-1	58.08	160	E	380.07		
Carbon disulfide	75-15-0	76.14	2.0		6.23		
MTBE (Methyl tert-butyl ether)	1634-04-4	88.15	0.5	J	1.80		
Methylene chloride	75-09-2	84.94	2.3		7.99		
3-Chloropropene (allyl chloride)	107-05-1	76.53	0.210	U	0.66		
1,2-Dichloroethene (trans)	156-60-5	96.94	0.4	J	1.59		
1,1-Dichloroethane	75-34-3	98.96	6.1		24.69		
Cyclohexane	110-82-7	84.16	3.8		13.08		
2-Butanone (Methyl ethyl ketone)	78-93-3	72.11	28		82.58		
Carbon tetrachloride	56-23-5	153.8	0.28		1.76		
1,2-Dichloroethene (cis)	156-59-2	96.94	3.2		12.69		
Chloroform	67-66-3	119.4	0.5	J	2.44		
1,4 Dioxane	123-91-1	133	0.160	U	0.87		
1,1,1-Trichloroethane	71-55-6	133.4	0.7	J	3.82		
Tetrahydrofuran	109-99-9	154	1.8		11.34		
2,2,4-Trimethylpentane	540-84-1	114.2	0.086	U	0.40		
Benzene	71-43-2	78.11	4.8		15.33		
1,2-Dichloroethane	107-06-2	98.96	0.180	U	0.73		
Trichloroethene (TCE)	79-01-6	131.4	7.5		40.31		
1,2-Dichloropropane	78-87-5	113.0	0.170	U	0.79		
Bromodichloromethane	75-27-4	163.8	0.180	U	1.21		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
4-Methyl-2-pentanone (MIBK)	108-10-1	100.2	57		233.60		
Toluene	108-88-3	92.14	30		113.06		
trans-1,3-Dichloropropene	10061-02-6	111.0	0.200	U	0.91		
cis-1,3-Dichloropropene	10061-01-5	111.0	0.170	U	0.77		
1,1,2-Trichloroethane	79-00-5	133.4	0.150	U	0.82		
Dibromochloromethane	124-48-1	208.3	0.090	U	0.77		
1,2-Dibromoethane	106-93-4	187.9	0.460	U	3.54		
Tetrachloroethene (PCE)	127-18-4	165.8	0.6	J	4.07		
Chlorobenzene	108-90-7	112.6	0.090	U	0.41		
Ethylbenzene	100-41-4	106.2	5.0		21.72		
Xylenes (m&p)	126777-61-2	106.2	9.4		40.83		
Xylenes (o)	95-47-6	106.2	2.2		9.56		
Styrene	100-42-5	104.1	0.2	J	0.85		
Bromoform	75-25-2	252.8	0.054	U	0.56		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.083	U	0.57		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.5	J	2.46		
1,2,4-Trimethylbenzene	95-63-6	120.2	1.5	J	7.37		
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	120.2	0.5	J	2.46		
1,3-Dichlorobenzene	541-73-1	147.0	0.059	U	0.35		
1,4-Dichlorobenzene	106-46-7	147.0	0.7	J	4.21		
1,2-Dichlorobenzene	95-50-1	147.0	0.4	JB	2.40		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.8	JB	5.94		
Hexachlorobutadiene	87-68-3	260.8	0.7	JB	7.47		
1,3-Butadiene	106-99-0	54.09	0.130	U	0.29		
n-Hexane	110-54-3	86.17	150	E	528.65		
Methyl methacrylate	80-62-6	100.117	0.220	U	0.90		
2-Chlorotoluene	95-49-8	126.58	0.130	U	0.67		

Project:
Field ID Number:
Laboratory ID Number:

TARGET ANALYTES -
AIR RESULTS

Sampling Date:
Analysis Date:

Sample ID		SG7DL					
Lab Sample Number		Z1073-07DL					
Sampling Date		01/11/08					
Matrix		AIR					
Dilution Factor		20.0					
xx							
Chemical	**CAS Number**	**Molecular Weight**	**Insert Results in ppbv**	**Q**	**Generates Results in µg/m3**	**QAS Decision**	**Foot-notes**
Dichlorodifluoromethane	75-71-8	120.9	0.340	U	1.68		
tert-butyl alcohol	75-65-0	74.12	1.6	U	4.85		
Chloromethane (Methyl chloride)	74-87-3	50.49	0.490	U	1.01		
Vinyl chloride	75-01-4	62.50	0.480	U	1.23		
Bromoethene	593-60-2	106.9	0.480	U	2.10		
Chloroethane	75-00-3	64.52	0.340	U	0.90		
Trichlorofluoromethane (Freon 11)	75-69-4	137.4	0.570	U	3.20		
1,2-Dichlorotetrafluoroethane (Freon 114)	76-14-2	170.9	0.430	U	3.01		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	76-13-1	187.4	0.510	U	3.91		
Bromomethane (Methyl bromide)	74-83-9	94.94	0.480	U	1.86		
n-Heptane	142-82-5	100.2	140	D	573.74		
1,1-Dichloroethene	75-35-4	96.94	0.490	U	1.94		
Acetone (2-propanone)	67-64-1	58.08	280	D	665.13		
Carbon disulfide	75-15-0	76.14	4.4	JD	13.70		
MTBE (Methyl tert-butyl ether)	1634-04-4	88.15	0.340	U	1.23		
Methylene chloride	75-09-2	84.94	6.0	JD	20.84		
3-Chloropropene (allyl chloride)	107-05-1	76.53	1.2	U	3.76		
1,2-Dichloroethene (trans)	156-60-5	96.94	0.610	U	2.42		
1,1-Dichloroethane	75-34-3	98.96	12	D	48.57		
Cyclohexane	110-82-7	84.16	9.8	JD	33.73		
2-Butanone (Methyl ethyl ketone)	78-93-3	72.11	22	D	64.88		
Carbon tetrachloride	56-23-5	153.8	0.340	U	2.14		
1,2-Dichloroethene (cis)	156-59-2	96.94	5.0	JD	19.82		
Chloroform	67-66-3	119.4	0.610	U	2.98		
1,4 Dioxane	123-91-1	133	0.920	U	5.00		
1,1,1-Trichloroethane	71-55-6	133.4	2.0	JD	10.91		
Tetrahydrofuran	109-99-9	154	1.7	U	10.71		
2,2,4-Trimethylpentane	540-84-1	114.2	0.490	U	2.29		
Benzene	71-43-2	78.11	5.2	JD	16.61		
1,2-Dichloroethane	107-06-2	98.96	1.0	U	4.05		
Trichloroethene (TCE)	79-01-6	131.4	8.4	D	45.14		
1,2-Dichloropropane	78-87-5	113.0	0.960	U	4.44		
Bromodichloromethane	75-27-4	163.8	1.0	U	6.70		

Chemical	CAS Number	Molecular Weight	Insert Results in ppbv	Q	Generates Results in µg/m3	QAS Decision	Foot-notes
4-Methyl-2-pentanone (MIBK)	108-10-1	100.2	54	D	221.30		
Toluene	108-88-3	92.14	30	D	113.06		
trans-1,3-Dichloropropene	10061-02-6	111.0	1.1	U	4.99		
cis-1,3-Dichloropropene	10061-01-5	111.0	0.990	U	4.49		
1,1,2-Trichloroethane	79-00-5	133.4	0.880	U	4.80		
Dibromochloromethane	124-48-1	208.3	0.510	U	4.34		
1,2-Dibromoethane	106-93-4	187.9	2.6	U	19.98		
Tetrachloroethene (PCE)	127-18-4	165.8	0.950	U	6.44		
Chlorobenzene	108-90-7	112.6	0.510	U	2.35		
Ethylbenzene	100-41-4	106.2	5.4	JD	23.46		
Xylenes (m&p)	126777-61-2	106.2	10	JD	43.44		
Xylenes (o)	95-47-6	106.2	2.8	JD	12.16		
Styrene	100-42-5	104.1	1.2	U	5.11		
Bromoform	75-25-2	252.8	0.310	U	3.21		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.480	U	3.30		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.700	U	3.44		
1,2,4-Trimethylbenzene	95-63-6	120.2	2.8	JD	13.77		
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	120.2	0.300	U	1.47		
1,3-Dichlorobenzene	541-73-1	147.0	0.340	U	2.04		
1,4-Dichlorobenzene	106-46-7	147.0	2.2	JD	13.23		
1,2-Dichlorobenzene	95-50-1	147.0	2.4	JDB	14.43		
1,2,4-Trichlorobenzene	120-82-1	181.5	4.4	JDB	32.66		
Hexachlorobutadiene	87-68-3	260.8	3.6	JDB	38.40		
1,3-Butadiene	106-99-0	54.09	0.730	U	1.61		
n-Hexane	110-54-3	86.17	160	D	563.89		
Methyl methacrylate	80-62-6	100.117	1.3	U	5.32		
2-Chlorotoluene	95-49-8	126.58	0.760	U	3.93		

Chemtech

Surrogate Summary
SW-846

SDG No.: Z1073
Client: Environmental Business Consultants

Analytical Method: EPA SW846 TO-15

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery	Qual	Limits Low	Limits High
BSM0121A	BSM0121A	1-Bromo-4-Fluorobenzene	10	10.66	107		65.00	135.00
BSM0121A1	BSM0121A1	1-Bromo-4-Fluorobenzene	10	10.7	107		65.00	135.00
VBM0121A5	VBM0121A5	1-Bromo-4-Fluorobenzene	10	9.19	92		65.00	135.00
Z1073-01	SG1	1-Bromo-4-Fluorobenzene	10	9.27	93		65.00	135.00
Z1073-02	SG2	1-Bromo-4-Fluorobenzene	10	8.91	89		65.00	135.00
Z1073-03	SG3	1-Bromo-4-Fluorobenzene	10	9.14	91		65.00	135.00
Z1073-03DL	SG3DL	1-Bromo-4-Fluorobenzene	10	9.3	93		65.00	135.00
Z1073-04	SG4	1-Bromo-4-Fluorobenzene	10	8.64	86		65.00	135.00
Z1073-04DL	SG4DL	1-Bromo-4-Fluorobenzene	10	8.81	88		65.00	135.00
Z1073-05	SG5	1-Bromo-4-Fluorobenzene	10	9.22	92		65.00	135.00
Z1073-05DL	SG5DL	1-Bromo-4-Fluorobenzene	10	9.33	93		65.00	135.00
Z1073-06	SG6	1-Bromo-4-Fluorobenzene	10	9.01	90		65.00	135.00
Z1073-07	SG7	1-Bromo-4-Fluorobenzene	10	8.16	82		65.00	135.00
Z1073-07DL	SG7DL	1-Bromo-4-Fluorobenzene	10	8.99	90		65.00	135.00

Chemtech

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Z1073

Client: Environmental Business Consultants

Analytical Method: EPA SW846 TO-15

Lab Sample ID	Parameter	Spike	Result	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
BSM0121A	Dichlorodifluoromethane	10	10	100			65	135	
	Chloromethane	10	9.6	96			65	135	
	Vinyl Chloride	10	10	100			65	135	
	Bromomethane	10	10	100			65	135	
	Chloroethane	10	10	100			65	135	
	Dichlorotetrafluoethane	10	9.7	97			65	135	
	Heptane	10	9.8	98			65	135	
	Trichlorofluoromethane	10	9.6	96			65	135	
	1,1,2-Trichlorotrifluoroethane	10	9.3	93			65	135	
	Ethanol	10	8.7	87			65	135	
	Bromoethene	10	9.8	98			65	135	
	Acetone	10	8.3	83			65	135	
	1,3-Butadiene	10	10	100			65	135	
	tert-Butyl Alcohol	10	8.7	87			65	135	
	1,1-Dichloroethene	10	9.6	96			65	135	
	Isopropyl Alcohol	10	7.6	76			65	135	
	Methylene Chloride	10	9.1	91			65	135	
	Allyl Chloride	10	9.3	93			65	135	
	trans-1,2-Dichloroethene	10	9.4	94			65	135	
	1,1-Dichloroethane	10	9.9	99			65	135	
	Hexane	10	9.2	92			65	135	
	Carbon disulfide	10	9.4	94			65	135	
	Methyl tert-butyl Ether	10	9.4	94			65	135	
	Chloroform	10	9.7	97			65	135	
	Cyclohexane	10	9.4	94			65	135	
	cis-1,2-Dichloroethene	10	9.9	99			65	135	
	1,1,1-Trichloroethane	10	9.5	95			65	135	
	2-Butanone	10	8.1	81			65	135	
	Carbon Tetrachloride	10	9.0	90			65	135	
	Benzene	10	9.4	94			65	135	
	1,2-Dichloroethane	10	9.4	94			65	135	
	Trichloroethene	10	9.4	94			65	135	
	1,2-Dichloropropane	10	9.6	96			65	135	
	1,4-Dioxane	10	13	130			65	135	
	Tetrahydrofuran	10	8.4	84			65	135	
	Bromodichloromethane	10	8.6	86			65	135	
	Methyl methacrylate	10	9.1	91			65	135	
	2,2,4-Trimethylpentane	10	9.2	92			65	135	
	t-1,3-Dichloropropene	10	10	100			65	135	
	cis-1,3-Dichloropropene	10	10	100			65	135	
	1,1,2-Trichloroethane	10	9.5	95			65	135	

Chemtech

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Z1073

Client: Environmental Business Consultants

Analytical Method: EPA SW846 TO-15

Lab Sample ID	Parameter	Spike	Result	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
BSM0121A	Dibromochloromethane	10	9.0	90			65	135	
	Bromoform	10	9.3	93			65	135	
	4-Methyl-2-Pentanone	10	9.0	90			65	135	
	Tetrachloroethene	10	8.7	87			65	135	
	Toluene	10	9.5	95			65	135	
	1,2-Dibromoethane	10	10	100			65	135	
	Chlorobenzene	10	9.1	91			65	135	
	Ethyl Benzene	10	8.8	88			65	135	
	m/p-Xylene	20	18	90			65	135	
	o-Xylene	10	9.1	91			65	135	
	Styrene	10	9.7	97			65	135	
	1,1,2,2-Tetrachloroethane	10	9.1	91			65	135	
	2-Chlorotoluene	10	8.5	85			65	135	
	4-Ethyltoluene	10	9.1	91			65	135	
	1,3,5-Trimethylbenzene	10	9.0	90			65	135	
	1,2,4-Trimethylbenzene	10	8.6	86			65	135	
	1,3-Dichlorobenzene	10	9.1	91			65	135	
	1,4-Dichlorobenzene	10	9.0	90			65	135	
	1,2-Dichlorobenzene	10	8.9	89			65	135	
	Hexachloro-1,3-butadiene	10	7.1	71			65	135	
	1,2,4-Trichlorobenzene	10	8.1	81			65	135	
BSM0121A1	Dichlorodifluoromethane	10	10	100			65	135	
	Chloromethane	10	9.9	99			65	135	
	Vinyl Chloride	10	10	100			65	135	
	Bromomethane	10	10	100			65	135	
	Chloroethane	10	11	110			65	135	
	Dichlorotetrafluoethane	10	9.8	98			65	135	
	Heptane	10	9.8	98			65	135	
	Trichlorofluoromethane	10	9.5	95			65	135	
	1,1,2-Trichlorotrifluoroethane	10	9.8	98			65	135	
	Ethanol	10	9.0	90			65	135	
	Bromoethene	10	9.8	98			65	135	
	Acetone	10	8.9	89			65	135	
	1,3-Butadiene	10	11	110			65	135	
	tert-Butyl Alcohol	10	8.5	85			65	135	
	1,1-Dichloroethene	10	9.6	96			65	135	
	Isopropyl Alcohol	10	7.6	76			65	135	
	Methylene Chloride	10	9.2	92			65	135	
	Allyl Chloride	10	9.5	95			65	135	
	trans-1,2-Dichloroethene	10	9.5	95			65	135	
	1,1-Dichloroethane	10	9.9	99			65	135	

Chemtech

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Z1073

Client: Environmental Business Consultants

Analytical Method: EPA SW846 TO-15

Lab Sample ID	Parameter	Spike	Result	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
BSM0121A1	Hexane	10	9.4	94			65	135	
	Carbon disulfide	10	9.3	93			65	135	
	Methyl tert-butyl Ether	10	9.7	97			65	135	
	Chloroform	10	9.6	96			65	135	
	Cyclohexane	10	9.5	95			65	135	
	cis-1,2-Dichloroethene	10	10	100			65	135	
	1,1,1-Trichloroethane	10	9.8	98			65	135	
	2-Butanone	10	8.2	82			65	135	
	Carbon Tetrachloride	10	9.1	91			65	135	
	Benzene	10	9.3	93			65	135	
	1,2-Dichloroethane	10	9.3	93			65	135	
	Trichloroethene	10	9.3	93			65	135	
	1,2-Dichloropropane	10	9.6	96			65	135	
	1,4-Dioxane	10	9.1	91			65	135	
	Tetrahydrofuran	10	8.8	88			65	135	
	Bromodichloromethane	10	8.7	87			65	135	
	Methyl methacrylate	10	9.1	91			65	135	
	2,2,4-Trimethylpentane	10	9.0	90			65	135	
	t-1,3-Dichloropropene	10	11	110			65	135	
	cis-1,3-Dichloropropene	10	10	100			65	135	
	1,1,2-Trichloroethane	10	9.4	94			65	135	
	Dibromochloromethane	10	9.0	90			65	135	
	Bromoform	10	9.2	92			65	135	
	4-Methyl-2-Pentanone	10	7.8	78			65	135	
	Tetrachloroethene	10	8.6	86			65	135	
	Toluene	10	9.5	95			65	135	
	1,2-Dibromoethane	10	9.9	99			65	135	
	Chlorobenzene	10	9.0	90			65	135	
	Ethyl Benzene	10	8.9	89			65	135	
	m/p-Xylene	20	18	90			65	135	
	o-Xylene	10	9.0	90			65	135	
	Styrene	10	9.5	95			65	135	
	1,1,2,2-Tetrachloroethane	10	9.1	91			65	135	
	2-Chlorotoluene	10	8.5	85			65	135	
	4-Ethyltoluene	10	9.0	90			65	135	
	1,3,5-Trimethylbenzene	10	9.0	90			65	135	
	1,2,4-Trimethylbenzene	10	8.7	87			65	135	
	1,3-Dichlorobenzene	10	9.0	90			65	135	
	1,4-Dichlorobenzene	10	9.0	90			65	135	
	1,2-Dichlorobenzene	10	8.9	89			65	135	
	Hexachloro-1,3-butadiene	10	7.0	70			65	135	

Chemtech

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Z1073

Client: Environmental Business Consultants

Analytical Method: EPA SW846 TO-15

Lab Sample ID	Parameter	Spike	Result	Rec	RPD	Qual	Limits Low	Limits High	RPD
BSM0121A1	1,2,4-Trichlorobenzene	10	8.1	81			65	135	

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.
VBM0121A5

Lab Name: Chemtech Contract: ENVI49

Lab Code: CHEM Case No.: Z1073 SAS No.: Z1073 SDG NO.: Z1073

Lab File ID: VM000368.D Lab Sample ID: VBM0121A5

Date Analyzed: 1/21/2008 Time Analyzed: 21:33

GC Column: DB-1 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOAM

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
BSM0121A	BSM0121A	VM000371.D	23:36
BSM0121A1	BSM0121A1	VM000372.D	00:18
SG1	Z1073-01	VM000374.D	01:45
SG2	Z1073-02	VM000375.D	02:31
SG3	Z1073-03	VM000376.D	03:16
SG3DL	Z1073-03DL	VM000377.D	04:01
SG5DL	Z1073-05DL	VM000378.D	04:41
SG5	Z1073-05	VM000379.D	05:27
SG6	Z1073-06	VM000380.D	06:12
SG7DL	Z1073-07DL	VM000382.D	07:38
SG7	Z1073-07	VM000383.D	08:24
SG4DL	Z1073-04DL	VM000385.D	09:45
SG4	Z1073-04	VM000386.D	10:26

COMMENTS:

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE (BFB)

Lab Name: Chemtech Contract: ENVI49

Lab Code: CHEM Case No.: Z1073 SAS No.: Z1073 SDG NO.: Z1073

Lab File ID: VM000355.D BFB Injection Date: 1/21/2008

Instrument ID: MSVOAM BFB Injection Time: 11:23

GC Column: DB-1 ID: 0.32 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	22.3
75	30.0 - 66.0% of mass 95	56.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	0.0(0.0) 1
174	50.0 - 120.0% of mass 95	81.2
175	4.0 - 9.0% of mass 174	5.6 (6.9) 1
176	93.0 - 101.0% of mass 174	78.9 (97.2) 1
177	5.0 - 9.0% of mass 176	5.1 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
10 PPB ICC	10 PPB ICC	VM000356.D	1/21/200	12:05
5 PPB ICC	5 PPB ICC	VM000357.D	1/21/200	12:48
15 PPB ICC	15 PPB ICC	VM000359.D	1/21/200	14:13
20 PPB ICC	20 PPB ICC	VM000360.D	1/21/200	14:57
0.5 PPB ICC	0.5 PPB ICC	VM000362.D	1/21/200	16:34
VBM0121A5	VBM0121A5	VM000368.D	1/21/200	21:33
0.1 PPB RPT	0.1 PPB RPT	VM000369.D	1/21/200	22:13
0.05 PPB RPT	0.05 PPB RPT	VM000370.D	1/21/200	22:53
BSM0121A	BSM0121A	VM000371.D	1/21/200	23:36
BSM0121A1	BSM0121A1	VM000372.D	1/22/200	00:18
SG1	Z1073-01	VM000374.D	1/22/200	01:45
SG2	Z1073-02	VM000375.D	1/22/200	02:31
SG3	Z1073-03	VM000376.D	1/22/200	03:16
SG3DL	Z1073-03DL	VM000377.D	1/22/200	04:01
SG5DL	Z1073-05DL	VM000378.D	1/22/200	04:41
SG5	Z1073-05	VM000379.D	1/22/200	05:27
SG6	Z1073-06	VM000380.D	1/22/200	06:12
SG7DL	Z1073-07DL	VM000382.D	1/22/200	07:38
SG7	Z1073-07	VM000383.D	1/22/200	08:24
SG4DL	Z1073-04DL	VM000385.D	1/22/200	09:45

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Chemtech Contract: ENVI49

Lab Code: CHEM Case No.: Z1073 SAS No.: Z1073 SDG NO.: Z1073

Lab File ID: VM000355.D BFB Injection Date: 1/21/2008

Instrument ID: MSVOAM BFB Injection Time: 11:23

GC Column: DB-1 ID: 0.32 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	22.3
75	30.0 - 66.0% of mass 95	56.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	0.0(0.0) 1
174	50.0 - 120.0% of mass 95	81.2
175	4.0 - 9.0% of mass 174	5.6 (6.9) 1
176	93.0 - 101.0% of mass 174	78.9 (97.2) 1
177	5.0 - 9.0% of mass 176	5.1 (6.4 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SG4	Z1073-04	VM000386.D	1/22/200	10:26

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Chemtech Contract ENVI49

Lab Code: CHEM Case No.: Z1073 SAS No.: Z1073 SDG No.: Z1073

Lab File ID: VM000356.D Date Analyzed: 1/21/2008

Instrument ID: MSVOAM Time Analyzed: 12:05

GC Column: DB-1 ID: 0.3 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT#	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	670448	6.14	1648210	7.81	1439359	13.21
UPPER LIMIT	938627	6.47	2307494	8.14	2015103	13.54
LOWER LIMIT	402269	5.81	988926	7.48	863615	12.88
SAMPLE NO.						
VBM0121A5	736646	6.14	1989448	7.81	1754290	13.22
BSM0121A	721632	6.15	2044621	7.82	1950459	13.23
BSM0121A1	719548	6.15	2072956	7.82	2001126	13.23
SG1	686844	6.14	1828135	7.82	1596162	13.23
SG2	694164	6.16	1897569	7.83	1670112	13.24
SG3	693547	6.15	1867746	7.83	1651810	13.23
SG3DL	674280	6.16	1851434	7.83	1630297	13.24
SG5DL	676777	6.16	1874374	7.83	1641883	13.24
SG5	663824	6.16	1771412	7.83	1579537	13.24
SG6	694330	6.17	1874167	7.85	1621984	13.25
SG7DL	789647	6.16	2652384 *	7.84	2450547 *	13.25
SG7	1826184 *	6.17	2841932 *	7.85	2530326 *	13.26
SG4DL	1256886 *	6.17	2503783 *	7.85	1976542	13.26
SG4	1361718 *	6.17	2545196 *	7.86	1875756	13.26

IS1 = Bromochloromethane

IS2 = 1,4-Difluorobenzene

IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +40% of internal standard area

AREA LOWER LIMIT = -40% of internal standard area

RT UPPER LIMIT = +0.33 minutes of internal standard RT

RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/14/2008
Client Sample ID:	SG1	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-01	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000374.D	6.2	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
TARGETS					
75-71-8	Dichlorodifluoromethane	3.1	U	3.1	0.100
75-65-0	tert-Butyl Alcohol	1.1	J	3.1	0.490
74-87-3	Chloromethane	0.6	J	3.1	0.150
80-62-6	Methyl methacrylate	3.1	U	3.1	0.390
75-01-4	Vinyl Chloride	3.1	U	3.1	0.150
74-83-9	Bromomethane	3.1	U	3.1	0.150
75-00-3	Chloroethane	3.1	U	3.1	0.100
75-69-4	Trichlorofluoromethane	3.1	U	3.1	0.180
76-14-2	Dichlorotetrafluoethane	3.1	U	3.1	0.130
76-13-1	1,1,2-Trichlorotrifluoroethane	3.1	U	3.1	0.160
593-60-2	Bromoethene	3.1	U	3.1	0.150
142-82-5	Heptane	3.1	U	3.1	0.150
75-35-4	1,1-Dichloroethene	3.1	U	3.1	0.150
67-64-1	Acetone	10		3.1	0.500
75-15-0	Carbon disulfide	3.1	U	3.1	0.095
1634-04-4	Methyl tert-butyl Ether	3.1	U	3.1	0.100
75-09-2	Methylene Chloride	0.9	J	3.1	0.095
107-05-1	Allyl Chloride	3.1	U	3.1	0.380
156-60-5	trans-1,2-Dichloroethene	3.1	U	3.1	0.190
75-34-3	1,1-Dichloroethane	3.1	U	3.1	0.150
110-82-7	Cyclohexane	3.1	U	3.1	0.074
78-93-3	2-Butanone	1.7	J	3.1	0.620
56-23-5	Carbon Tetrachloride	0.25	U	0.25	0.100
156-59-2	cis-1,2-Dichloroethene	0.8	J	3.1	0.220
67-66-3	Chloroform	3.1	U	3.1	0.190
123-91-1	1,4-Dioxane	3.1	U	3.1	0.290
71-55-6	1,1,1-Trichloroethane	3.0	J	3.1	0.130
109-99-9	Tetrahydrofuran	3.1	U	3.1	0.520
540-84-1	2,2,4-Trimethylpentane	3.1	U	3.1	0.150
71-43-2	Benzene	0.6	J	3.1	0.270
107-06-2	1,2-Dichloroethane	3.1	U	3.1	0.310

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/14/2008
Client Sample ID:	SG1	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-01	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000374.D	6.2	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
79-01-6	Trichloroethene	0.680		0.290	0.250
78-87-5	1,2-Dichloropropane	3.1	U	3.1	0.300
75-27-4	Bromodichloromethane	3.1	U	3.1	0.310
108-10-1	4-Methyl-2-Pentanone	0.9	J	3.1	0.310
108-88-3	Toluene	5.1		3.1	0.290
10061-02-6	t-1,3-Dichloropropene	3.1	U	3.1	0.350
10061-01-5	cis-1,3-Dichloropropene	3.1	U	3.1	0.310
79-00-5	1,1,2-Trichloroethane	3.1	U	3.1	0.270
124-48-1	Dibromochloromethane	3.1	U	3.1	0.160
106-93-4	1,2-Dibromoethane	3.1	U	3.1	0.810
127-18-4	Tetrachloroethene	0.9	J	3.1	0.290
108-90-7	Chlorobenzene	3.1	U	3.1	0.160
100-41-4	Ethyl Benzene	3.1	U	3.1	0.110
126777-61-2	m/p-Xylene	1.2	J	3.1	0.270
95-47-6	o-Xylene	3.1	U	3.1	0.150
100-42-5	Styrene	3.1	U	3.1	0.390
75-25-2	Bromoform	3.1	U	3.1	0.095
79-34-5	1,1,2,2-Tetrachloroethane	3.1	U	3.1	0.150
95-49-8	2-Chlorotoluene	3.1	U	3.1	0.240
108-67-8	1,3,5-Trimethylbenzene	3.1	U	3.1	0.220
95-63-6	1,2,4-Trimethylbenzene	1.3	J	3.1	0.150
622-96-8	4-Ethyltoluene	3.1	U	3.1	0.093
541-73-1	1,3-Dichlorobenzene	3.1	U	3.1	0.100
106-46-7	1,4-Dichlorobenzene	0.6	J	3.1	0.150
95-50-1	1,2-Dichlorobenzene	0.7	JB	3.1	0.130
120-82-1	1,2,4-Trichlorobenzene	2.4	JB	3.1	0.220
87-68-3	Hexachloro-1,3-butadiene	2.3	JB	3.1	0.130
106-99-0	1,3-Butadiene	3.1	U	3.1	0.230
110-54-3	Hexane	3.1	U	3.1	0.160
SURROGATES					
460-00-4	1-Bromo-4-Fluorobenzene	9.27	93 %	65 - 135	
INTERNAL STANDARDS					

U = Not Detected
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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**1/11/2008**
Project:	**49 Dupont Street**	**Date Received:**	**1/14/2008**
Client Sample ID:	**SG1**	**SDG No.:**	**Z1073**
Lab Sample ID:	**Z1073-01**	**Matrix:**	**AIR**
Analytical Method:	**TO-15**	**Sample Vol: ml**	**400.0**

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000374.D	6.2	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
74-97-5	Bromochloromethane	686844	6.14		
540-36-3	1,4-Difluorobenzene	1828135	7.82		
3114-55-4	Chlorobenzene-d5	1596162	13.23		

U = Not Detected
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B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/14/2008
Client Sample ID:	SG2	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-02	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000375.D	4.5	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
TARGETS					
75-71-8	Dichlorodifluoromethane	2.2	U	2.2	0.076
75-65-0	tert-Butyl Alcohol	3.7		2.2	0.360
74-87-3	Chloromethane	2.2	U	2.2	0.110
80-62-6	Methyl methacrylate	2.2	U	2.2	0.280
75-01-4	Vinyl Chloride	2.2	U	2.2	0.110
74-83-9	Bromomethane	2.2	U	2.2	0.110
75-00-3	Chloroethane	2.2	U	2.2	0.076
75-69-4	Trichlorofluoromethane	2.2	U	2.2	0.130
76-14-2	Dichlorotetrafluoethane	2.2	U	2.2	0.098
76-13-1	1,1,2-Trichlorotrifluoroethane	2.2	U	2.2	0.120
593-60-2	Bromoethene	2.2	U	2.2	0.110
142-82-5	Heptane	0.5	J	2.2	0.110
75-35-4	1,1-Dichloroethene	2.2	U	2.2	0.110
67-64-1	Acetone	11		2.2	0.360
75-15-0	Carbon disulfide	2.2	U	2.2	0.069
1634-04-4	Methyl tert-butyl Ether	2.2	U	2.2	0.076
75-09-2	Methylene Chloride	0.9	J	2.2	0.069
107-05-1	Allyl Chloride	2.2	U	2.2	0.280
156-60-5	trans-1,2-Dichloroethene	2.2	U	2.2	0.140
75-34-3	1,1-Dichloroethane	2.2	U	2.2	0.110
110-82-7	Cyclohexane	2.2	U	2.2	0.054
78-93-3	2-Butanone	1.4	J	2.2	0.450
56-23-5	Carbon Tetrachloride	0.18	U	0.18	0.076
156-59-2	cis-1,2-Dichloroethene	0.5	J	2.2	0.160
67-66-3	Chloroform	1.0	J	2.2	0.140
123-91-1	1,4-Dioxane	2.2	U	2.2	0.210
71-55-6	1,1,1-Trichloroethane	7.8		2.2	0.098
109-99-9	Tetrahydrofuran	2.2	U	2.2	0.380
540-84-1	2,2,4-Trimethylpentane	2.2	U	2.2	0.110
71-43-2	Benzene	0.6	J	2.2	0.200
107-06-2	1,2-Dichloroethane	2.2	U	2.2	0.230

U = Not Detected
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J = Estimated Value
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/14/2008
Client Sample ID:	SG2	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-02	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000375.D	4.5	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
79-01-6	Trichloroethene	0.990		0.210	0.180
78-87-5	1,2-Dichloropropane	2.2	U	2.2	0.220
75-27-4	Bromodichloromethane	2.2	U	2.2	0.230
108-10-1	4-Methyl-2-Pentanone	0.8	J	2.2	0.220
108-88-3	Toluene	4.5		2.2	0.210
10061-02-6	t-1,3-Dichloropropene	2.2	U	2.2	0.260
10061-01-5	cis-1,3-Dichloropropene	2.2	U	2.2	0.220
79-00-5	1,1,2-Trichloroethane	2.2	U	2.2	0.200
124-48-1	Dibromochloromethane	2.2	U	2.2	0.120
106-93-4	1,2-Dibromoethane	2.2	U	2.2	0.590
127-18-4	Tetrachloroethene	0.6	J	2.2	0.210
108-90-7	Chlorobenzene	2.2	U	2.2	0.120
100-41-4	Ethyl Benzene	2.2	U	2.2	0.081
126777-61-2	m/p-Xylene	1.0	J	2.2	0.200
95-47-6	o-Xylene	0.5	J	2.2	0.110
100-42-5	Styrene	2.2	U	2.2	0.280
75-25-2	Bromoform	2.2	U	2.2	0.069
79-34-5	1,1,2,2-Tetrachloroethane	2.2	U	2.2	0.110
95-49-8	2-Chlorotoluene	2.2	U	2.2	0.170
108-67-8	1,3,5-Trimethylbenzene	2.2	U	2.2	0.160
95-63-6	1,2,4-Trimethylbenzene	1.1	J	2.2	0.110
622-96-8	4-Ethyltoluene	2.2	U	2.2	0.068
541-73-1	1,3-Dichlorobenzene	2.2	U	2.2	0.076
106-46-7	1,4-Dichlorobenzene	0.5	J	2.2	0.110
95-50-1	1,2-Dichlorobenzene	0.5	JB	2.2	0.098
120-82-1	1,2,4-Trichlorobenzene	1.5	JB	2.2	0.160
87-68-3	Hexachloro-1,3-butadiene	1.6	JB	2.2	0.098
106-99-0	1,3-Butadiene	2.2	U	2.2	0.160
110-54-3	Hexane	2.2	U	2.2	0.120
SURROGATES					
460-00-4	1-Bromo-4-Fluorobenzene	8.91	89 %	65 - 135	
INTERNAL STANDARDS					

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**1/11/2008**
Project:	**49 Dupont Street**	**Date Received:**	**1/14/2008**
Client Sample ID:	**SG2**	**SDG No.:**	**Z1073**
Lab Sample ID:	**Z1073-02**	**Matrix:**	**AIR**
Analytical Method:	**TO-15**	**Sample Vol: ml**	**400.0**

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000375.D	4.5	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
74-97-5	Bromochloromethane	694164	6.16		
540-36-3	1,4-Difluorobenzene	1897569	7.83		
3114-55-4	Chlorobenzene-d5	1670112	13.24		

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MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/14/2008
Client Sample ID:	SG3	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-03	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000376.D	5.5	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
TARGETS					
75-71-8	Dichlorodifluoromethane	2.8	U	2.8	0.092
75-65-0	tert-Butyl Alcohol	2.0	J	2.8	0.440
74-87-3	Chloromethane	2.8	U	2.8	0.140
80-62-6	Methyl methacrylate	2.8	U	2.8	0.350
75-01-4	Vinyl Chloride	2.8	U	2.8	0.130
74-83-9	Bromomethane	2.8	U	2.8	0.130
75-00-3	Chloroethane	2.8	U	2.8	0.092
75-69-4	Trichlorofluoromethane	2.8	U	2.8	0.160
76-14-2	Dichlorotetrafluoethane	2.8	U	2.8	0.120
76-13-1	1,1,2-Trichlorotrifluoroethane	2.8	U	2.8	0.140
593-60-2	Bromoethene	2.8	U	2.8	0.130
142-82-5	Heptane	2.8	U	2.8	0.130
75-35-4	1,1-Dichloroethene	2.8	U	2.8	0.140
67-64-1	Acetone	13		2.8	0.440
75-15-0	Carbon disulfide	2.8	U	2.8	0.084
1634-04-4	Methyl tert-butyl Ether	2.8	U	2.8	0.092
75-09-2	Methylene Chloride	1.1	J	2.8	0.084
107-05-1	Allyl Chloride	2.8	U	2.8	0.340
156-60-5	trans-1,2-Dichloroethene	2.8	U	2.8	0.170
75-34-3	1,1-Dichloroethane	2.8	U	2.8	0.130
110-82-7	Cyclohexane	2.8	U	2.8	0.065
78-93-3	2-Butanone	3.1		2.8	0.550
56-23-5	Carbon Tetrachloride	0.22	U	0.22	0.092
156-59-2	cis-1,2-Dichloroethene	2.8	U	2.8	0.190
67-66-3	Chloroform	0.8	J	2.8	0.170
123-91-1	1,4-Dioxane	2.8	U	2.8	0.250
71-55-6	1,1,1-Trichloroethane	150	E	2.8	0.120
109-99-9	Tetrahydrofuran	2.8	U	2.8	0.460
540-84-1	2,2,4-Trimethylpentane	2.8	U	2.8	0.140
71-43-2	Benzene	0.9	J	2.8	0.240
107-06-2	1,2-Dichloroethane	2.8	U	2.8	0.280

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/14/2008
Client Sample ID:	SG3	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-03	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000376.D	5.5	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
79-01-6	Trichloroethene	21		0.250	0.220
78-87-5	1,2-Dichloropropane	2.8	U	2.8	0.260
75-27-4	Bromodichloromethane	2.8	U	2.8	0.280
108-10-1	4-Methyl-2-Pentanone	3.2		2.8	0.270
108-88-3	Toluene	6.0		2.8	0.260
10061-02-6	t-1,3-Dichloropropene	2.8	U	2.8	0.310
10061-01-5	cis-1,3-Dichloropropene	2.8	U	2.8	0.270
79-00-5	1,1,2-Trichloroethane	2.8	U	2.8	0.240
124-48-1	Dibromochloromethane	2.8	U	2.8	0.140
106-93-4	1,2-Dibromoethane	2.8	U	2.8	0.720
127-18-4	Tetrachloroethene	0.6	J	2.8	0.260
108-90-7	Chlorobenzene	2.8	U	2.8	0.140
100-41-4	Ethyl Benzene	0.6	J	2.8	0.100
126777-61-2	m/p-Xylene	1.5	J	2.8	0.240
95-47-6	o-Xylene	0.6	J	2.8	0.130
100-42-5	Styrene	2.8	U	2.8	0.340
75-25-2	Bromoform	2.8	U	2.8	0.084
79-34-5	1,1,2,2-Tetrachloroethane	2.8	U	2.8	0.130
95-49-8	2-Chlorotoluene	2.8	U	2.8	0.210
108-67-8	1,3,5-Trimethylbenzene	0.6	J	2.8	0.190
95-63-6	1,2,4-Trimethylbenzene	1.2	J	2.8	0.130
622-96-8	4-Ethyltoluene	2.8	U	2.8	0.082
541-73-1	1,3-Dichlorobenzene	2.8	U	2.8	0.092
106-46-7	1,4-Dichlorobenzene	0.6	J	2.8	0.140
95-50-1	1,2-Dichlorobenzene	0.7	JB	2.8	0.120
120-82-1	1,2,4-Trichlorobenzene	2.0	JB	2.8	0.190
87-68-3	Hexachloro-1,3-butadiene	2.1	JB	2.8	0.120
106-99-0	1,3-Butadiene	2.8	U	2.8	0.200
110-54-3	Hexane	2.8	U	2.8	0.140
SURROGATES					
460-00-4	1-Bromo-4-Fluorobenzene	9.14	91 %	65 - 135	
INTERNAL STANDARDS					

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**1/11/2008**
Project:	**49 Dupont Street**	**Date Received:**	**1/14/2008**
Client Sample ID:	**SG3**	**SDG No.:**	**Z1073**
Lab Sample ID:	**Z1073-03**	**Matrix:**	**AIR**
Analytical Method:	**TO-15**	**Sample Vol: ml**	**400.0**

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000376.D	5.5	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
74-97-5	Bromochloromethane	693547	6.15		
540-36-3	1,4-Difluorobenzene	1867746	7.83		
3114-55-4	Chlorobenzene-d5	1651810	13.23		

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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/14/2008
Client Sample ID:	SG3DL	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-03DL	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000377.D	11	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
TARGETS					
75-71-8	Dichlorodifluoromethane	5.5	U	5.5	0.180
75-65-0	tert-Butyl Alcohol	2.0	JD	5.5	0.870
74-87-3	Chloromethane	5.5	U	5.5	0.270
80-62-6	Methyl methacrylate	5.5	U	5.5	0.690
75-01-4	Vinyl Chloride	5.5	U	5.5	0.260
74-83-9	Bromomethane	5.5	U	5.5	0.260
75-00-3	Chloroethane	5.5	U	5.5	0.180
75-69-4	Trichlorofluoromethane	5.5	U	5.5	0.310
76-14-2	Dichlorotetrafluoethane	5.5	U	5.5	0.240
76-13-1	1,1,2-Trichlorotrifluoroethane	5.5	U	5.5	0.280
593-60-2	Bromoethene	5.5	U	5.5	0.260
142-82-5	Heptane	5.5	U	5.5	0.260
75-35-4	1,1-Dichloroethene	5.5	U	5.5	0.270
67-64-1	Acetone	14	D	5.5	0.890
75-15-0	Carbon disulfide	5.5	U	5.5	0.170
1634-04-4	Methyl tert-butyl Ether	5.5	U	5.5	0.180
75-09-2	Methylene Chloride	1.4	JD	5.5	0.170
107-05-1	Allyl Chloride	5.5	U	5.5	0.670
156-60-5	trans-1,2-Dichloroethene	5.5	U	5.5	0.340
75-34-3	1,1-Dichloroethane	5.5	U	5.5	0.260
110-82-7	Cyclohexane	5.5	U	5.5	0.130
78-93-3	2-Butanone	3.3	JD	5.5	1.1
56-23-5	Carbon Tetrachloride	0.44	U	0.44	0.180
156-59-2	cis-1,2-Dichloroethene	5.5	U	5.5	0.380
67-66-3	Chloroform	5.5	U	5.5	0.340
123-91-1	1,4-Dioxane	5.5	U	5.5	0.510
71-55-6	1,1,1-Trichloroethane	150	D	5.5	0.240
109-99-9	Tetrahydrofuran	5.5	U	5.5	0.920
540-84-1	2,2,4-Trimethylpentane	5.5	U	5.5	0.270
71-43-2	Benzene	1.1	JD	5.5	0.480
107-06-2	1,2-Dichloroethane	5.5	U	5.5	0.550

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/14/2008
Client Sample ID:	SG3DL	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-03DL	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000377.D	11	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
79-01-6	Trichloroethene	21	D	0.510	0.450
78-87-5	1,2-Dichloropropane	5.5	U	5.5	0.530
75-27-4	Bromodichloromethane	5.5	U	5.5	0.550
108-10-1	4-Methyl-2-Pentanone	3.1	JD	5.5	0.540
108-88-3	Toluene	5.9	D	5.5	0.520
10061-02-6	t-1,3-Dichloropropene	5.5	U	5.5	0.630
10061-01-5	cis-1,3-Dichloropropene	5.5	U	5.5	0.540
79-00-5	1,1,2-Trichloroethane	5.5	U	5.5	0.480
124-48-1	Dibromochloromethane	5.5	U	5.5	0.280
106-93-4	1,2-Dibromoethane	5.5	U	5.5	1.4
127-18-4	Tetrachloroethene	5.5	U	5.5	0.520
108-90-7	Chlorobenzene	5.5	U	5.5	0.280
100-41-4	Ethyl Benzene	5.5	U	5.5	0.200
126777-61-2	m/p-Xylene	1.6	JD	5.5	0.480
95-47-6	o-Xylene	5.5	U	5.5	0.260
100-42-5	Styrene	5.5	U	5.5	0.680
75-25-2	Bromoform	5.5	U	5.5	0.170
79-34-5	1,1,2,2-Tetrachloroethane	5.5	U	5.5	0.260
95-49-8	2-Chlorotoluene	5.5	U	5.5	0.420
108-67-8	1,3,5-Trimethylbenzene	5.5	U	5.5	0.380
95-63-6	1,2,4-Trimethylbenzene	1.9	JD	5.5	0.260
622-96-8	4-Ethyltoluene	5.5	U	5.5	0.160
541-73-1	1,3-Dichlorobenzene	5.5	U	5.5	0.180
106-46-7	1,4-Dichlorobenzene	1.2	JD	5.5	0.270
95-50-1	1,2-Dichlorobenzene	1.4	JDB	5.5	0.240
120-82-1	1,2,4-Trichlorobenzene	4.2	JDB	5.5	0.380
87-68-3	Hexachloro-1,3-butadiene	4.4	JDB	5.5	0.240
106-99-0	1,3-Butadiene	5.5	U	5.5	0.400
110-54-3	Hexane	5.5	U	5.5	0.280
SURROGATES					
460-00-4	1-Bromo-4-Fluorobenzene	9.3	93 %	65 - 135	
INTERNAL STANDARDS					

U = Not Detected
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**1/11/2008**
Project:	**49 Dupont Street**	**Date Received:**	**1/14/2008**
Client Sample ID:	**SG3DL**	**SDG No.:**	**Z1073**
Lab Sample ID:	**Z1073-03DL**	**Matrix:**	**AIR**
Analytical Method:	**TO-15**	**Sample Vol: ml**	**400.0**

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000377.D	11	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
74-97-5	Bromochloromethane	674280	6.16		
540-36-3	1,4-Difluorobenzene	1851434	7.83		
3114-55-4	Chlorobenzene-d5	1630297	13.24		

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/14/2008
Client Sample ID:	SG4	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-04	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000386.D	10	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
TARGETS					
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.170
75-65-0	tert-Butyl Alcohol	5.0	U	5.0	0.790
74-87-3	Chloromethane	5.0	U	5.0	0.250
80-62-6	Methyl methacrylate	5.0	U	5.0	0.630
75-01-4	Vinyl Chloride	17		5.0	0.240
74-83-9	Bromomethane	5.0	U	5.0	0.240
75-00-3	Chloroethane	5.0	U	5.0	0.170
75-69-4	Trichlorofluoromethane	5.0	U	5.0	0.280
76-14-2	Dichlorotetrafluoethane	5.0	U	5.0	0.220
76-13-1	1,1,2-Trichlorotrifluoroethane	1.0	J	5.0	0.260
593-60-2	Bromoethene	5.0	U	5.0	0.240
142-82-5	Heptane	5.0	U	5.0	0.240
75-35-4	1,1-Dichloroethene	31		5.0	0.250
67-64-1	Acetone	5.3		5.0	0.810
75-15-0	Carbon disulfide	5.0	U	5.0	0.150
1634-04-4	Methyl tert-butyl Ether	5.0	U	5.0	0.170
75-09-2	Methylene Chloride	5.0	U	5.0	0.150
107-05-1	Allyl Chloride	5.0	U	5.0	0.610
156-60-5	trans-1,2-Dichloroethene	11		5.0	0.310
75-34-3	1,1-Dichloroethane	3.1	J	5.0	0.240
110-82-7	Cyclohexane	1.6	J	5.0	0.120
78-93-3	2-Butanone	5.0	U	5.0	1.0
56-23-5	Carbon Tetrachloride	0.40	U	0.40	0.170
156-59-2	cis-1,2-Dichloroethene	1300	E	5.0	0.350
67-66-3	Chloroform	3.7	J	5.0	0.310
123-91-1	1,4-Dioxane	5.0	U	5.0	0.460
71-55-6	1,1,1-Trichloroethane	8.9		5.0	0.220
109-99-9	Tetrahydrofuran	5.0	U	5.0	0.840
540-84-1	2,2,4-Trimethylpentane	5.0	U	5.0	0.250
71-43-2	Benzene	2.2	J	5.0	0.440
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.500

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/14/2008
Client Sample ID:	SG4	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-04	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000386.D	10	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
79-01-6	Trichloroethene	1200	E	0.460	0.410
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.480
75-27-4	Bromodichloromethane	5.0	U	5.0	0.500
108-10-1	4-Methyl-2-Pentanone	5.0	U	5.0	0.500
108-88-3	Toluene	6.2		5.0	0.480
10061-02-6	t-1,3-Dichloropropene	5.0	U	5.0	0.570
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.500
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.440
124-48-1	Dibromochloromethane	5.0	U	5.0	0.260
106-93-4	1,2-Dibromoethane	5.0	U	5.0	1.3
127-18-4	Tetrachloroethene	8.6		5.0	0.480
108-90-7	Chlorobenzene	5.0	U	5.0	0.260
100-41-4	Ethyl Benzene	5.0	U	5.0	0.180
126777-61-2	m/p-Xylene	1.1	J	5.0	0.430
95-47-6	o-Xylene	5.0	U	5.0	0.240
100-42-5	Styrene	5.0	U	5.0	0.620
75-25-2	Bromoform	5.0	U	5.0	0.150
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.240
95-49-8	2-Chlorotoluene	5.0	U	5.0	0.380
108-67-8	1,3,5-Trimethylbenzene	5.0	U	5.0	0.350
95-63-6	1,2,4-Trimethylbenzene	5.0	U	5.0	0.240
622-96-8	4-Ethyltoluene	5.0	U	5.0	0.150
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	0.170
106-46-7	1,4-Dichlorobenzene	1.2	J	5.0	0.250
95-50-1	1,2-Dichlorobenzene	1.4	JB	5.0	0.220
120-82-1	1,2,4-Trichlorobenzene	1.1	JB	5.0	0.350
87-68-3	Hexachloro-1,3-butadiene	5.0	U	5.0	0.220
106-99-0	1,3-Butadiene	5.0	U	5.0	0.360
110-54-3	Hexane	5.0	U	5.0	0.260
SURROGATES					
460-00-4	1-Bromo-4-Fluorobenzene	8.64	86 %	65 - 135	
INTERNAL STANDARDS					

U = Not Detected
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**1/11/2008**
Project:	**49 Dupont Street**	**Date Received:**	**1/14/2008**
Client Sample ID:	**SG4**	**SDG No.:**	**Z1073**
Lab Sample ID:	**Z1073-04**	**Matrix:**	**AIR**
Analytical Method:	**TO-15**	**Sample Vol: ml**	**400.0**

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000386.D	10	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
74-97-5	Bromochloromethane	1361718	6.17		
540-36-3	1,4-Difluorobenzene	2545196	7.86		
3114-55-4	Chlorobenzene-d5	1875756	13.26		

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/14/2008
Client Sample ID:	SG4DL	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-04DL	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000385.D	500	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
TARGETS					
75-71-8	Dichlorodifluoromethane	250	U	250	8.4
75-65-0	tert-Butyl Alcohol	250	U	250	40
74-87-3	Chloromethane	250	U	250	12
80-62-6	Methyl methacrylate	250	U	250	32
75-01-4	Vinyl Chloride	250	U	250	12
74-83-9	Bromomethane	250	U	250	12
75-00-3	Chloroethane	250	U	250	8.4
75-69-4	Trichlorofluoromethane	250	U	250	14
76-14-2	Dichlorotetrafluoethane	250	U	250	11
76-13-1	1,1,2-Trichlorotrifluoroethane	250	U	250	13
593-60-2	Bromoethene	250	U	250	12
142-82-5	Heptane	250	U	250	12
75-35-4	1,1-Dichloroethene	250	U	250	12
67-64-1	Acetone	95	JD	250	40
75-15-0	Carbon disulfide	250	U	250	7.6
1634-04-4	Methyl tert-butyl Ether	250	U	250	8.4
75-09-2	Methylene Chloride	250	U	250	7.6
107-05-1	Allyl Chloride	250	U	250	31
156-60-5	trans-1,2-Dichloroethene	250	U	250	15
75-34-3	1,1-Dichloroethane	250	U	250	12
110-82-7	Cyclohexane	250	U	250	6.0
78-93-3	2-Butanone	250	U	250	50
56-23-5	Carbon Tetrachloride	20	U	20	8.4
156-59-2	cis-1,2-Dichloroethene	2800	D	250	18
67-66-3	Chloroform	250	U	250	15
123-91-1	1,4-Dioxane	30	JD	250	23
71-55-6	1,1,1-Trichloroethane	250	U	250	11
109-99-9	Tetrahydrofuran	250	U	250	42
540-84-1	2,2,4-Trimethylpentane	250	U	250	12
71-43-2	Benzene	250	U	250	22
107-06-2	1,2-Dichloroethane	250	U	250	25

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MDL = Method Detection Limit
E = Value Exceeds Calibration Range

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B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/14/2008
Client Sample ID:	SG4DL	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-04DL	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000385.D	500	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
79-01-6	Trichloroethene	9600	D	23	20
78-87-5	1,2-Dichloropropane	250	U	250	24
75-27-4	Bromodichloromethane	250	U	250	25
108-10-1	4-Methyl-2-Pentanone	250	U	250	25
108-88-3	Toluene	250	U	250	24
10061-02-6	t-1,3-Dichloropropene	250	U	250	28
10061-01-5	cis-1,3-Dichloropropene	250	U	250	25
79-00-5	1,1,2-Trichloroethane	250	U	250	22
124-48-1	Dibromochloromethane	250	U	250	13
106-93-4	1,2-Dibromoethane	250	U	250	65
127-18-4	Tetrachloroethene	30	JD	250	24
108-90-7	Chlorobenzene	250	U	250	13
100-41-4	Ethyl Benzene	250	U	250	9.0
126777-61-2	m/p-Xylene	250	U	250	22
95-47-6	o-Xylene	250	U	250	12
100-42-5	Styrene	250	U	250	31
75-25-2	Bromoform	250	U	250	7.6
79-34-5	1,1,2,2-Tetrachloroethane	250	U	250	12
95-49-8	2-Chlorotoluene	250	U	250	19
108-67-8	1,3,5-Trimethylbenzene	250	U	250	18
95-63-6	1,2,4-Trimethylbenzene	250	U	250	12
622-96-8	4-Ethyltoluene	250	U	250	7.5
541-73-1	1,3-Dichlorobenzene	250	U	250	8.4
106-46-7	1,4-Dichlorobenzene	250	U	250	12
95-50-1	1,2-Dichlorobenzene	250	U	250	11
120-82-1	1,2,4-Trichlorobenzene	75	JDB	250	18
87-68-3	Hexachloro-1,3-butadiene	65	JDB	250	11
106-99-0	1,3-Butadiene	250	U	250	18
110-54-3	Hexane	250	U	250	13
SURROGATES					
460-00-4	1-Bromo-4-Fluorobenzene	8.81	88 %	65 - 135	
INTERNAL STANDARDS					

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**1/11/2008**
Project:	**49 Dupont Street**	**Date Received:**	**1/14/2008**
Client Sample ID:	**SG4DL**	**SDG No.:**	**Z1073**
Lab Sample ID:	**Z1073-04DL**	**Matrix:**	**AIR**
Analytical Method:	**TO-15**	**Sample Vol: ml**	**400.0**

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000385.D	500	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
74-97-5	Bromochloromethane	1256886	6.17		
540-36-3	1,4-Difluorobenzene	2503783	7.85		
3114-55-4	Chlorobenzene-d5	1976542	13.26		

U = Not Detected
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N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/14/2008
Client Sample ID:	SG5	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-05	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000379.D	4	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
TARGETS					
75-71-8	Dichlorodifluoromethane	0.6	J	2.0	0.067
75-65-0	tert-Butyl Alcohol	14		2.0	0.320
74-87-3	Chloromethane	0.5	J	2.0	0.099
80-62-6	Methyl methacrylate	2.0	U	2.0	0.250
75-01-4	Vinyl Chloride	2.0	U	2.0	0.095
74-83-9	Bromomethane	2.0	U	2.0	0.095
75-00-3	Chloroethane	2.0	U	2.0	0.067
75-69-4	Trichlorofluoromethane	2.0	U	2.0	0.110
76-14-2	Dichlorotetrafluoethane	2.0	U	2.0	0.087
76-13-1	1,1,2-Trichlorotrifluoroethane	2.0	U	2.0	0.100
593-60-2	Bromoethene	2.0	U	2.0	0.095
142-82-5	Heptane	3.7		2.0	0.095
75-35-4	1,1-Dichloroethene	2.0	U	2.0	0.099
67-64-1	Acetone	160	E	2.0	0.320
75-15-0	Carbon disulfide	2.0	U	2.0	0.061
1634-04-4	Methyl tert-butyl Ether	2.0	U	2.0	0.067
75-09-2	Methylene Chloride	10		2.0	0.061
107-05-1	Allyl Chloride	2.0	U	2.0	0.250
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	0.120
75-34-3	1,1-Dichloroethane	0.7	J	2.0	0.095
110-82-7	Cyclohexane	0.9	J	2.0	0.048
78-93-3	2-Butanone	15		2.0	0.400
56-23-5	Carbon Tetrachloride	0.52		0.16	0.067
156-59-2	cis-1,2-Dichloroethene	38		2.0	0.140
67-66-3	Chloroform	2.4		2.0	0.120
123-91-1	1,4-Dioxane	2.0	U	2.0	0.180
71-55-6	1,1,1-Trichloroethane	2.4		2.0	0.087
109-99-9	Tetrahydrofuran	2.0	U	2.0	0.340
540-84-1	2,2,4-Trimethylpentane	0.7	J	2.0	0.099
71-43-2	Benzene	3.7		2.0	0.180
107-06-2	1,2-Dichloroethane	2.0	U	2.0	0.200

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/14/2008
Client Sample ID:	SG5	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-05	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000379.D	4	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
79-01-6	Trichloroethene	15		0.180	0.160
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.190
75-27-4	Bromodichloromethane	2.0	U	2.0	0.200
108-10-1	4-Methyl-2-Pentanone	18		2.0	0.200
108-88-3	Toluene	32		2.0	0.190
10061-02-6	t-1,3-Dichloropropene	2.0	U	2.0	0.230
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	0.200
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	0.180
124-48-1	Dibromochloromethane	2.0	U	2.0	0.100
106-93-4	1,2-Dibromoethane	2.0	U	2.0	0.520
127-18-4	Tetrachloroethene	1.0	J	2.0	0.190
108-90-7	Chlorobenzene	2.0	U	2.0	0.100
100-41-4	Ethyl Benzene	2.2		2.0	0.072
126777-61-2	m/p-Xylene	6.7		2.0	0.170
95-47-6	o-Xylene	1.9	J	2.0	0.095
100-42-5	Styrene	2.0	U	2.0	0.250
75-25-2	Bromoform	2.0	U	2.0	0.061
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.095
95-49-8	2-Chlorotoluene	2.0	U	2.0	0.150
108-67-8	1,3,5-Trimethylbenzene	0.6	J	2.0	0.140
95-63-6	1,2,4-Trimethylbenzene	2.4		2.0	0.095
622-96-8	4-Ethyltoluene	0.6	J	2.0	0.060
541-73-1	1,3-Dichlorobenzene	0.4	J	2.0	0.067
106-46-7	1,4-Dichlorobenzene	1.1	J	2.0	0.099
95-50-1	1,2-Dichlorobenzene	0.5	JB	2.0	0.087
120-82-1	1,2,4-Trichlorobenzene	1.6	JB	2.0	0.140
87-68-3	Hexachloro-1,3-butadiene	1.5	JB	2.0	0.087
106-99-0	1,3-Butadiene	20		2.0	0.150
110-54-3	Hexane	2.0	U	2.0	0.100
SURROGATES					
460-00-4	1-Bromo-4-Fluorobenzene	9.22	92 %	65 - 135	
INTERNAL STANDARDS					

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**1/11/2008**
Project:	**49 Dupont Street**	**Date Received:**	**1/14/2008**
Client Sample ID:	**SG5**	**SDG No.:**	**Z1073**
Lab Sample ID:	**Z1073-05**	**Matrix:**	**AIR**
Analytical Method:	**TO-15**	**Sample Vol: ml**	**400.0**

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000379.D	4	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
74-97-5	Bromochloromethane	663824	6.16		
540-36-3	1,4-Difluorobenzene	1771412	7.83		
3114-55-4	Chlorobenzene-d5	1579537	13.24		

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/14/2008
Client Sample ID:	SG5DL	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-05DL	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000378.D	20	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
TARGETS					
75-71-8	Dichlorodifluoromethane	10	U	10	0.340
75-65-0	tert-Butyl Alcohol	14	D	10	1.6
74-87-3	Chloromethane	10	U	10	0.490
80-62-6	Methyl methacrylate	10	U	10	1.3
75-01-4	Vinyl Chloride	10	U	10	0.480
74-83-9	Bromomethane	10	U	10	0.480
75-00-3	Chloroethane	10	U	10	0.340
75-69-4	Trichlorofluoromethane	10	U	10	0.570
76-14-2	Dichlorotetrafluoethane	10	U	10	0.430
76-13-1	1,1,2-Trichlorotrifluoroethane	10	U	10	0.510
593-60-2	Bromoethene	10	U	10	0.480
142-82-5	Heptane	4.2	JD	10	0.480
75-35-4	1,1-Dichloroethene	10	U	10	0.490
67-64-1	Acetone	130	D	10	1.6
75-15-0	Carbon disulfide	10	U	10	0.310
1634-04-4	Methyl tert-butyl Ether	10	U	10	0.340
75-09-2	Methylene Chloride	12	D	10	0.310
107-05-1	Allyl Chloride	10	U	10	1.2
156-60-5	trans-1,2-Dichloroethene	10	U	10	0.610
75-34-3	1,1-Dichloroethane	10	U	10	0.480
110-82-7	Cyclohexane	10	U	10	0.240
78-93-3	2-Butanone	13	D	10	2.0
56-23-5	Carbon Tetrachloride	0.80	U	0.80	0.340
156-59-2	cis-1,2-Dichloroethene	35	D	10	0.700
67-66-3	Chloroform	2.4	JD	10	0.610
123-91-1	1,4-Dioxane	10	U	10	0.920
71-55-6	1,1,1-Trichloroethane	2.2	JD	10	0.430
109-99-9	Tetrahydrofuran	10	U	10	1.7
540-84-1	2,2,4-Trimethylpentane	10	U	10	0.490
71-43-2	Benzene	3.6	JD	10	0.880
107-06-2	1,2-Dichloroethane	10	U	10	1.0

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/14/2008
Client Sample ID:	SG5DL	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-05DL	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000378.D	20	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
79-01-6	Trichloroethene	14	D	0.920	0.810
78-87-5	1,2-Dichloropropane	10	U	10	0.960
75-27-4	Bromodichloromethane	10	U	10	1.0
108-10-1	4-Methyl-2-Pentanone	14	D	10	0.990
108-88-3	Toluene	27	D	10	0.950
10061-02-6	t-1,3-Dichloropropene	10	U	10	1.1
10061-01-5	cis-1,3-Dichloropropene	10	U	10	0.990
79-00-5	1,1,2-Trichloroethane	10	U	10	0.880
124-48-1	Dibromochloromethane	10	U	10	0.510
106-93-4	1,2-Dibromoethane	10	U	10	2.6
127-18-4	Tetrachloroethene	10	U	10	0.950
108-90-7	Chlorobenzene	10	U	10	0.510
100-41-4	Ethyl Benzene	2.0	JD	10	0.360
126777-61-2	m/p-Xylene	6.0	JD	10	0.870
95-47-6	o-Xylene	2.0	JD	10	0.480
100-42-5	Styrene	10	U	10	1.2
75-25-2	Bromoform	10	U	10	0.310
79-34-5	1,1,2,2-Tetrachloroethane	10	U	10	0.480
95-49-8	2-Chlorotoluene	10	U	10	0.760
108-67-8	1,3,5-Trimethylbenzene	10	U	10	0.700
95-63-6	1,2,4-Trimethylbenzene	3.4	JD	10	0.480
622-96-8	4-Ethyltoluene	10	U	10	0.300
541-73-1	1,3-Dichlorobenzene	10	U	10	0.340
106-46-7	1,4-Dichlorobenzene	2.8	JD	10	0.490
95-50-1	1,2-Dichlorobenzene	2.4	JDB	10	0.430
120-82-1	1,2,4-Trichlorobenzene	6.6	JDB	10	0.700
87-68-3	Hexachloro-1,3-butadiene	7.6	JDB	10	0.430
106-99-0	1,3-Butadiene	10	U	10	0.730
110-54-3	Hexane	10	U	10	0.510
SURROGATES					
460-00-4	1-Bromo-4-Fluorobenzene	9.33	93 %	65 - 135	
INTERNAL STANDARDS					

U = Not Detected
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**1/11/2008**
Project:	**49 Dupont Street**	**Date Received:**	**1/14/2008**
Client Sample ID:	**SG5DL**	**SDG No.:**	**Z1073**
Lab Sample ID:	**Z1073-05DL**	**Matrix:**	**AIR**
Analytical Method:	**TO-15**	**Sample Vol: ml**	**400.0**

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000378.D	20	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
74-97-5	Bromochloromethane	676777	6.16		
540-36-3	1,4-Difluorobenzene	1874374	7.83		
3114-55-4	Chlorobenzene-d5	1641883	13.24		

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/14/2008
Client Sample ID:	SG6	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-06	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000380.D	7.5	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
TARGETS					
75-71-8	Dichlorodifluoromethane	3.8	U	3.8	0.130
75-65-0	tert-Butyl Alcohol	2.8	J	3.8	0.590
74-87-3	Chloromethane	3.8	U	3.8	0.190
80-62-6	Methyl methacrylate	3.8	U	3.8	0.470
75-01-4	Vinyl Chloride	3.8	U	3.8	0.180
74-83-9	Bromomethane	3.8	U	3.8	0.180
75-00-3	Chloroethane	3.8	U	3.8	0.130
75-69-4	Trichlorofluoromethane	3.8	U	3.8	0.210
76-14-2	Dichlorotetrafluoethane	3.8	U	3.8	0.160
76-13-1	1,1,2-Trichlorotrifluoroethane	3.8	U	3.8	0.190
593-60-2	Bromoethene	3.8	U	3.8	0.180
142-82-5	Heptane	0.9	J	3.8	0.180
75-35-4	1,1-Dichloroethene	3.8	U	3.8	0.190
67-64-1	Acetone	12		3.8	0.600
75-15-0	Carbon disulfide	3.8	U	3.8	0.110
1634-04-4	Methyl tert-butyl Ether	3.8	U	3.8	0.130
75-09-2	Methylene Chloride	2.9	J	3.8	0.110
107-05-1	Allyl Chloride	3.8	U	3.8	0.460
156-60-5	trans-1,2-Dichloroethene	3.8	U	3.8	0.230
75-34-3	1,1-Dichloroethane	3.6	J	3.8	0.180
110-82-7	Cyclohexane	3.8	U	3.8	0.089
78-93-3	2-Butanone	1.8	J	3.8	0.750
56-23-5	Carbon Tetrachloride	15		0.30	0.130
156-59-2	cis-1,2-Dichloroethene	3.8	U	3.8	0.260
67-66-3	Chloroform	29		3.8	0.230
123-91-1	1,4-Dioxane	3.8	U	3.8	0.340
71-55-6	1,1,1-Trichloroethane	60		3.8	0.160
109-99-9	Tetrahydrofuran	3.8	U	3.8	0.630
540-84-1	2,2,4-Trimethylpentane	3.8	U	3.8	0.190
71-43-2	Benzene	1.2	J	3.8	0.330
107-06-2	1,2-Dichloroethane	3.8	U	3.8	0.380

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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/14/2008
Client Sample ID:	SG6	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-06	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000380.D	7.5	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
79-01-6	Trichloroethene	27		0.340	0.300
78-87-5	1,2-Dichloropropane	3.8	U	3.8	0.360
75-27-4	Bromodichloromethane	3.8	U	3.8	0.380
108-10-1	4-Methyl-2-Pentanone	1.0	J	3.8	0.370
108-88-3	Toluene	4.4		3.8	0.360
10061-02-6	t-1,3-Dichloropropene	3.8	U	3.8	0.430
10061-01-5	cis-1,3-Dichloropropene	3.8	U	3.8	0.370
79-00-5	1,1,2-Trichloroethane	3.8	U	3.8	0.330
124-48-1	Dibromochloromethane	3.8	U	3.8	0.190
106-93-4	1,2-Dibromoethane	3.8	U	3.8	0.980
127-18-4	Tetrachloroethene	3.8	U	3.8	0.360
108-90-7	Chlorobenzene	3.8	U	3.8	0.190
100-41-4	Ethyl Benzene	3.8	U	3.8	0.140
126777-61-2	m/p-Xylene	0.9	J	3.8	0.330
95-47-6	o-Xylene	3.8	U	3.8	0.180
100-42-5	Styrene	3.8	U	3.8	0.470
75-25-2	Bromoform	3.8	U	3.8	0.110
79-34-5	1,1,2,2-Tetrachloroethane	3.8	U	3.8	0.180
95-49-8	2-Chlorotoluene	3.8	U	3.8	0.290
108-67-8	1,3,5-Trimethylbenzene	3.8	U	3.8	0.260
95-63-6	1,2,4-Trimethylbenzene	0.9	J	3.8	0.180
622-96-8	4-Ethyltoluene	3.8	U	3.8	0.110
541-73-1	1,3-Dichlorobenzene	3.8	U	3.8	0.130
106-46-7	1,4-Dichlorobenzene	0.9	J	3.8	0.190
95-50-1	1,2-Dichlorobenzene	0.8	JB	3.8	0.160
120-82-1	1,2,4-Trichlorobenzene	2.6	JB	3.8	0.260
87-68-3	Hexachloro-1,3-butadiene	2.5	JB	3.8	0.160
106-99-0	1,3-Butadiene	3.8	U	3.8	0.270
110-54-3	Hexane	3.8	U	3.8	0.190
SURROGATES					
460-00-4	1-Bromo-4-Fluorobenzene	9.01	90 %	65 - 135	
INTERNAL STANDARDS					

U = Not Detected
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B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**1/11/2008**
Project:	**49 Dupont Street**	**Date Received:**	**1/14/2008**
Client Sample ID:	**SG6**	**SDG No.:**	**Z1073**
Lab Sample ID:	**Z1073-06**	**Matrix:**	**AIR**
Analytical Method:	**TO-15**	**Sample Vol: ml**	**400.0**

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000380.D	7.5	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
74-97-5	Bromochloromethane	694330	6.17		
540-36-3	1,4-Difluorobenzene	1874167	7.85		
3114-55-4	Chlorobenzene-d5	1621984	13.25		

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/16/2008
Client Sample ID:	SG7	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-07	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000383.D	3.5	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
TARGETS					
75-71-8	Dichlorodifluoromethane	1.8	U	1.8	0.059
75-65-0	tert-Butyl Alcohol	2.1		1.8	0.280
74-87-3	Chloromethane	0.4	J	1.8	0.086
80-62-6	Methyl methacrylate	1.8	U	1.8	0.220
75-01-4	Vinyl Chloride	1.8	U	1.8	0.083
74-83-9	Bromomethane	1.8	U	1.8	0.083
75-00-3	Chloroethane	1.8	U	1.8	0.059
75-69-4	Trichlorofluoromethane	1.8	U	1.8	0.099
76-14-2	Dichlorotetrafluoethane	1.8	U	1.8	0.076
76-13-1	1,1,2-Trichlorotrifluoroethane	1.8	U	1.8	0.090
593-60-2	Bromoethene	1.8	U	1.8	0.083
142-82-5	Heptane	63		1.8	0.083
75-35-4	1,1-Dichloroethene	1.8	U	1.8	0.086
67-64-1	Acetone	160	E	1.8	0.280
75-15-0	Carbon disulfide	2.0		1.8	0.054
1634-04-4	Methyl tert-butyl Ether	0.5	J	1.8	0.059
75-09-2	Methylene Chloride	2.3		1.8	0.054
107-05-1	Allyl Chloride	1.8	U	1.8	0.210
156-60-5	trans-1,2-Dichloroethene	0.4	J	1.8	0.110
75-34-3	1,1-Dichloroethane	6.1		1.8	0.083
110-82-7	Cyclohexane	3.8		1.8	0.042
78-93-3	2-Butanone	28		1.8	0.350
56-23-5	Carbon Tetrachloride	0.28		0.14	0.059
156-59-2	cis-1,2-Dichloroethene	3.2		1.8	0.120
67-66-3	Chloroform	0.5	J	1.8	0.110
123-91-1	1,4-Dioxane	1.8	U	1.8	0.160
71-55-6	1,1,1-Trichloroethane	0.7	J	1.8	0.076
109-99-9	Tetrahydrofuran	1.8		1.8	0.290
540-84-1	2,2,4-Trimethylpentane	1.8	U	1.8	0.086
71-43-2	Benzene	4.8		1.8	0.150
107-06-2	1,2-Dichloroethane	1.8	U	1.8	0.180

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/16/2008
Client Sample ID:	SG7	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-07	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000383.D	3.5	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
79-01-6	Trichloroethene	7.5		0.160	0.140
78-87-5	1,2-Dichloropropane	1.8	U	1.8	0.170
75-27-4	Bromodichloromethane	1.8	U	1.8	0.180
108-10-1	4-Methyl-2-Pentanone	57		1.8	0.170
108-88-3	Toluene	30		1.8	0.170
10061-02-6	t-1,3-Dichloropropene	1.8	U	1.8	0.200
10061-01-5	cis-1,3-Dichloropropene	1.8	U	1.8	0.170
79-00-5	1,1,2-Trichloroethane	1.8	U	1.8	0.150
124-48-1	Dibromochloromethane	1.8	U	1.8	0.090
106-93-4	1,2-Dibromoethane	1.8	U	1.8	0.460
127-18-4	Tetrachloroethene	0.6	J	1.8	0.170
108-90-7	Chlorobenzene	1.8	U	1.8	0.090
100-41-4	Ethyl Benzene	5.0		1.8	0.063
126777-61-2	m/p-Xylene	9.4		1.8	0.150
95-47-6	o-Xylene	2.2		1.8	0.083
100-42-5	Styrene	0.2	J	1.8	0.220
75-25-2	Bromoform	1.8	U	1.8	0.054
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	1.8	0.083
95-49-8	2-Chlorotoluene	1.8	U	1.8	0.130
108-67-8	1,3,5-Trimethylbenzene	0.5	J	1.8	0.120
95-63-6	1,2,4-Trimethylbenzene	1.5	J	1.8	0.083
622-96-8	4-Ethyltoluene	0.5	J	1.8	0.052
541-73-1	1,3-Dichlorobenzene	1.8	U	1.8	0.059
106-46-7	1,4-Dichlorobenzene	0.7	J	1.8	0.086
95-50-1	1,2-Dichlorobenzene	0.4	JB	1.8	0.076
120-82-1	1,2,4-Trichlorobenzene	0.8	JB	1.8	0.120
87-68-3	Hexachloro-1,3-butadiene	0.7	JB	1.8	0.076
106-99-0	1,3-Butadiene	1.8	U	1.8	0.130
110-54-3	Hexane	150	E	1.8	0.090
SURROGATES					
460-00-4	1-Bromo-4-Fluorobenzene	8.16	82 %	65 - 135	
INTERNAL STANDARDS					

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**1/11/2008**
Project:	**49 Dupont Street**	**Date Received:**	**1/16/2008**
Client Sample ID:	**SG7**	**SDG No.:**	**Z1073**
Lab Sample ID:	**Z1073-07**	**Matrix:**	**AIR**
Analytical Method:	**TO-15**	**Sample Vol: ml**	**400.0**

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000383.D	3.5	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
74-97-5	Bromochloromethane	1826184	6.17		
540-36-3	1,4-Difluorobenzene	2841932	7.85		
3114-55-4	Chlorobenzene-d5	2530326	13.26		

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/16/2008
Client Sample ID:	SG7DL	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-07DL	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000382.D	20	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
TARGETS					
75-71-8	Dichlorodifluoromethane	10	U	10	0.340
75-65-0	tert-Butyl Alcohol	10	U	10	1.6
74-87-3	Chloromethane	10	U	10	0.490
80-62-6	Methyl methacrylate	10	U	10	1.3
75-01-4	Vinyl Chloride	10	U	10	0.480
74-83-9	Bromomethane	10	U	10	0.480
75-00-3	Chloroethane	10	U	10	0.340
75-69-4	Trichlorofluoromethane	10	U	10	0.570
76-14-2	Dichlorotetrafluoethane	10	U	10	0.430
76-13-1	1,1,2-Trichlorotrifluoroethane	10	U	10	0.510
593-60-2	Bromoethene	10	U	10	0.480
142-82-5	Heptane	140	D	10	0.480
75-35-4	1,1-Dichloroethene	10	U	10	0.490
67-64-1	Acetone	280	D	10	1.6
75-15-0	Carbon disulfide	4.4	JD	10	0.310
1634-04-4	Methyl tert-butyl Ether	10	U	10	0.340
75-09-2	Methylene Chloride	6.0	JD	10	0.310
107-05-1	Allyl Chloride	10	U	10	1.2
156-60-5	trans-1,2-Dichloroethene	10	U	10	0.610
75-34-3	1,1-Dichloroethane	12	D	10	0.480
110-82-7	Cyclohexane	9.8	JD	10	0.240
78-93-3	2-Butanone	22	D	10	2.0
56-23-5	Carbon Tetrachloride	0.80	U	0.80	0.340
156-59-2	cis-1,2-Dichloroethene	5.0	JD	10	0.700
67-66-3	Chloroform	10	U	10	0.610
123-91-1	1,4-Dioxane	10	U	10	0.920
71-55-6	1,1,1-Trichloroethane	2.0	JD	10	0.430
109-99-9	Tetrahydrofuran	10	U	10	1.7
540-84-1	2,2,4-Trimethylpentane	10	U	10	0.490
71-43-2	Benzene	5.2	JD	10	0.880
107-06-2	1,2-Dichloroethane	10	U	10	1.0

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	1/11/2008
Project:	49 Dupont Street	**Date Received:**	1/16/2008
Client Sample ID:	SG7DL	**SDG No.:**	Z1073
Lab Sample ID:	Z1073-07DL	**Matrix:**	AIR
Analytical Method:	TO-15	**Sample Vol: ml**	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000382.D	20	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
79-01-6	Trichloroethene	8.4	D	0.920	0.810
78-87-5	1,2-Dichloropropane	10	U	10	0.960
75-27-4	Bromodichloromethane	10	U	10	1.0
108-10-1	4-Methyl-2-Pentanone	54	D	10	0.990
108-88-3	Toluene	30	D	10	0.950
10061-02-6	t-1,3-Dichloropropene	10	U	10	1.1
10061-01-5	cis-1,3-Dichloropropene	10	U	10	0.990
79-00-5	1,1,2-Trichloroethane	10	U	10	0.880
124-48-1	Dibromochloromethane	10	U	10	0.510
106-93-4	1,2-Dibromoethane	10	U	10	2.6
127-18-4	Tetrachloroethene	10	U	10	0.950
108-90-7	Chlorobenzene	10	U	10	0.510
100-41-4	Ethyl Benzene	5.4	JD	10	0.360
126777-61-2	m/p-Xylene	10	JD	10	0.870
95-47-6	o-Xylene	2.8	JD	10	0.480
100-42-5	Styrene	10	U	10	1.2
75-25-2	Bromoform	10	U	10	0.310
79-34-5	1,1,2,2-Tetrachloroethane	10	U	10	0.480
95-49-8	2-Chlorotoluene	10	U	10	0.760
108-67-8	1,3,5-Trimethylbenzene	10	U	10	0.700
95-63-6	1,2,4-Trimethylbenzene	2.8	JD	10	0.480
622-96-8	4-Ethyltoluene	10	U	10	0.300
541-73-1	1,3-Dichlorobenzene	10	U	10	0.340
106-46-7	1,4-Dichlorobenzene	2.2	JD	10	0.490
95-50-1	1,2-Dichlorobenzene	2.4	JDB	10	0.430
120-82-1	1,2,4-Trichlorobenzene	4.4	JDB	10	0.700
87-68-3	Hexachloro-1,3-butadiene	3.6	JDB	10	0.430
106-99-0	1,3-Butadiene	10	U	10	0.730
110-54-3	Hexane	160	D	10	0.510
SURROGATES					
460-00-4	1-Bromo-4-Fluorobenzene	8.99	90 %	65 - 135	
INTERNAL STANDARDS					

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**1/11/2008**
Project:	**49 Dupont Street**	**Date Received:**	**1/16/2008**
Client Sample ID:	**SG7DL**	**SDG No.:**	**Z1073**
Lab Sample ID:	**Z1073-07DL**	**Matrix:**	**AIR**
Analytical Method:	**TO-15**	**Sample Vol: ml**	**400.0**

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VM000382.D	20	1/22/2008	VM012108

CAS Number	Parameter	Conc. ppbv	Qualifier	RL ppbv	MDL ppbv
74-97-5	Bromochloromethane	789647	6.16		
540-36-3	1,4-Difluorobenzene	2652384	7.84		
3114-55-4	Chlorobenzene-d5	2450547	13.25		

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ANALYTICAL RESULTS SUMMARY

PROJECT NAME: 49 Dupont Street

ENVIRONMENTAL BUSINESS CONSULTANTS
9 PECONIC ROAD
RIDGE, NY 11961
6319240870

CHEMTECH PROJECT NO. **Y5394**
ATTENTION: **Charles B.Sosik P.G.**

CHEMTECH 284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

ANALYTICAL RESULTS
SUMMARY

PROJECT NAME: 49 Dupont Street

ENVIRONMENTAL BUSINESS CONSULTANTS
9 PECONIC ROAD
RIDGE, NY 11961
6319240870

CHEMTECH PROJECT NO.	**Y5394**
ATTENTION:	**Charles B.Sosik P.G.**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E14	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-01	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH017075.D	1	11/28/2007	VH110207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	5.1		5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E14	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-01	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH017075.D	1	11/28/2007	VH110207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.21	96 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	52.6	105 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	44.57	89 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	46.88	94 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1583004	4.51			
540-36-3	1,4-Difluorobenzene	2686915	5.05			
3114-55-4	Chlorobenzene-d5	2211034	8.49			
3855-82-1	1,4-Dichlorobenzene-d4	1091391	10.98			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E10	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-02	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG010110.D	1	11/27/2007	VG111407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	150	E	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	24		5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	2.0	J	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	22		5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	2100	E	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	3.3	J	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	4800	E	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	1.9	J	5.0	0.41	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E10	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-02	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG010110.D	1	11/27/2007	VG111407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	16		5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.5	109 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	54.28	109 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	55.16	110 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	51.46	103 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	713306	4.21			
540-36-3	1,4-Difluorobenzene	1410671	5.09			
3114-55-4	Chlorobenzene-d5	1367858	9.84			
3855-82-1	1,4-Dichlorobenzene-d4	614413	13.54			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E10DL	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-02DL	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH017077.D	10	11/28/2007	VH110207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.7	U	50	1.7	ug/L
74-87-3	Chloromethane	3.4	U	50	3.4	ug/L
75-01-4	Vinyl chloride	94	D	50	3.3	ug/L
74-83-9	Bromomethane	4.1	U	50	4.1	ug/L
75-00-3	Chloroethane	8.3	U	50	8.3	ug/L
75-69-4	Trichlorofluoromethane	2.2	U	50	2.2	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	13	U	50	13	ug/L
75-35-4	1,1-Dichloroethene	15	JD	50	4.2	ug/L
67-64-1	Acetone	23	U	250	23	ug/L
75-15-0	Carbon disulfide	4.0	U	50	4.0	ug/L
1634-04-4	Methyl tert-butyl Ether	2.8	U	50	2.8	ug/L
79-20-9	Methyl Acetate	2.0	U	50	2.0	ug/L
75-09-2	Methylene Chloride	4.3	U	50	4.3	ug/L
156-60-5	trans-1,2-Dichloroethene	38	JD	50	4.0	ug/L
75-34-3	1,1-Dichloroethane	3.8	U	50	3.8	ug/L
110-82-7	Cyclohexane	3.6	U	50	3.6	ug/L
78-93-3	2-Butanone	11	U	250	11	ug/L
56-23-5	Carbon Tetrachloride	11	U	50	11	ug/L
156-59-2	cis-1,2-Dichloroethene	3500	ED	50	2.9	ug/L
67-66-3	Chloroform	3.3	U	50	3.3	ug/L
71-55-6	1,1,1-Trichloroethane	3.2	U	50	3.2	ug/L
108-87-2	Methylcyclohexane	3.4	U	50	3.4	ug/L
71-43-2	Benzene	3.9	U	50	3.9	ug/L
107-06-2	1,2-Dichloroethane	3.4	U	50	3.4	ug/L
79-01-6	Trichloroethene	7100	ED	50	4.6	ug/L
78-87-5	1,2-Dichloropropane	4.0	U	50	4.0	ug/L
75-27-4	Bromodichloromethane	3.3	U	50	3.3	ug/L
108-10-1	4-Methyl-2-Pentanone	16	U	250	16	ug/L
108-88-3	Toluene	3.6	U	50	3.6	ug/L
10061-02-6	t-1,3-Dichloropropene	3.2	U	50	3.2	ug/L
10061-01-5	cis-1,3-Dichloropropene	3.6	U	50	3.6	ug/L
79-00-5	1,1,2-Trichloroethane	4.1	U	50	4.1	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E10DL	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-02DL	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH017077.D	10	11/28/2007	VH110207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	17	U	250	17	ug/L
124-48-1	Dibromochloromethane	2.6	U	50	2.6	ug/L
106-93-4	1,2-Dibromoethane	3.2	U	50	3.2	ug/L
127-18-4	Tetrachloroethene	4.8	U	50	4.8	ug/L
108-90-7	Chlorobenzene	4.7	U	50	4.7	ug/L
100-41-4	Ethyl Benzene	4.5	U	50	4.5	ug/L
126777-61-2	m/p-Xylenes	12	U	100	12	ug/L
95-47-6	o-Xylene	4.6	U	50	4.6	ug/L
100-42-5	Styrene	4.1	U	50	4.1	ug/L
75-25-2	Bromoform	3.2	U	50	3.2	ug/L
98-82-8	Isopropylbenzene	4.4	U	50	4.4	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	3.0	U	50	3.0	ug/L
541-73-1	1,3-Dichlorobenzene	5.0	U	50	5.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.4	U	50	5.4	ug/L
95-50-1	1,2-Dichlorobenzene	4.4	U	50	4.4	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	3.8	U	50	3.8	ug/L
120-82-1	1,2,4-Trichlorobenzene	4.6	U	50	4.6	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.09	100 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	53.79	108 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	47.3	95 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	50.93	102 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1619244	4.52			
540-36-3	1,4-Difluorobenzene	2678144	5.05			
3114-55-4	Chlorobenzene-d5	2319733	8.49			
3855-82-1	1,4-Dichlorobenzene-d4	1152467	10.99			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E10DL2	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-02DL2	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Wol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH017079.D	1000	11/28/2007	VH110207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	170	U	5000	170	ug/L
74-87-3	Chloromethane	340	U	5000	340	ug/L
75-01-4	Vinyl chloride	330	U	5000	330	ug/L
74-83-9	Bromomethane	410	U	5000	410	ug/L
75-00-3	Chloroethane	830	U	5000	830	ug/L
75-69-4	Trichlorofluoromethane	220	U	5000	220	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1300	U	5000	1300	ug/L
75-35-4	1,1-Dichloroethene	420	U	5000	420	ug/L
67-64-1	Acetone	2300	U	25000	2300	ug/L
75-15-0	Carbon disulfide	400	U	5000	400	ug/L
1634-04-4	Methyl tert-butyl Ether	280	U	5000	280	ug/L
79-20-9	Methyl Acetate	200	U	5000	200	ug/L
75-09-2	Methylene Chloride	430	U	5000	430	ug/L
156-60-5	trans-1,2-Dichloroethene	400	U	5000	400	ug/L
75-34-3	1,1-Dichloroethane	380	U	5000	380	ug/L
110-82-7	Cyclohexane	360	U	5000	360	ug/L
78-93-3	2-Butanone	1100	U	25000	1100	ug/L
56-23-5	Carbon Tetrachloride	1100	U	5000	1100	ug/L
156-59-2	cis-1,2-Dichloroethene	3700	JD	5000	290	ug/L
67-66-3	Chloroform	330	U	5000	330	ug/L
71-55-6	1,1,1-Trichloroethane	320	U	5000	320	ug/L
108-87-2	Methylcyclohexane	340	U	5000	340	ug/L
71-43-2	Benzene	390	U	5000	390	ug/L
107-06-2	1,2-Dichloroethane	340	U	5000	340	ug/L
79-01-6	Trichloroethene	9300	D	5000	460	ug/L
78-87-5	1,2-Dichloropropane	400	U	5000	400	ug/L
75-27-4	Bromodichloromethane	330	U	5000	330	ug/L
108-10-1	4-Methyl-2-Pentanone	1600	U	25000	1600	ug/L
108-88-3	Toluene	360	U	5000	360	ug/L
10061-02-6	t-1,3-Dichloropropene	320	U	5000	320	ug/L
10061-01-5	cis-1,3-Dichloropropene	360	U	5000	360	ug/L
79-00-5	1,1,2-Trichloroethane	410	U	5000	410	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	Date Collected:	11/19/2007
Project:	49 Dupont Street	Date Received:	11/21/2007
Client Sample ID:	E10DL2	SDG No.:	Y5394
Lab Sample ID:	Y5394-02DL2	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH017079.D	1000	11/28/2007	VH110207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1700	U	25000	1700	ug/L
124-48-1	Dibromochloromethane	260	U	5000	260	ug/L
106-93-4	1,2-Dibromoethane	320	U	5000	320	ug/L
127-18-4	Tetrachloroethene	480	U	5000	480	ug/L
108-90-7	Chlorobenzene	470	U	5000	470	ug/L
100-41-4	Ethyl Benzene	450	U	5000	450	ug/L
126777-61-2	m/p-Xylenes	1200	U	10000	1200	ug/L
95-47-6	o-Xylene	460	U	5000	460	ug/L
100-42-5	Styrene	410	U	5000	410	ug/L
75-25-2	Bromoform	320	U	5000	320	ug/L
98-82-8	Isopropylbenzene	440	U	5000	440	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	300	U	5000	300	ug/L
541-73-1	1,3-Dichlorobenzene	500	U	5000	500	ug/L
106-46-7	1,4-Dichlorobenzene	540	U	5000	540	ug/L
95-50-1	1,2-Dichlorobenzene	440	U	5000	440	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	380	U	5000	380	ug/L
120-82-1	1,2,4-Trichlorobenzene	460	U	5000	460	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.64	93 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	49.47	99 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	44.9	90 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	46.02	92 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1743020	4.51			
540-36-3	1,4-Difluorobenzene	2958415	5.05			
3114-55-4	Chlorobenzene-d5	2362273	8.49			
3855-82-1	1,4-Dichlorobenzene-d4	1159170	10.99			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E8	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-03	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG010112.D	1	11/27/2007	VG111407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	3.7	J	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	27		5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	86	E	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected
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E = Value Exceeds Calibration Range

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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E8	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-03	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG010112.D	1	11/27/2007	VG111407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.82	112 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	54.43	109 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	52.26	105 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	47.62	95 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	643004	4.21			
540-36-3	1,4-Difluorobenzene	1414446	5.04			
3114-55-4	Chlorobenzene-d5	1292881	9.83			
3855-82-1	1,4-Dichlorobenzene-d4	598925	13.54			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E8DL	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-03DL	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH017076.D	5	11/28/2007	VH110207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.85	U	25	0.85	ug/L
74-87-3	Chloromethane	1.7	U	25	1.7	ug/L
75-01-4	Vinyl chloride	1.6	U	25	1.6	ug/L
74-83-9	Bromomethane	2.1	U	25	2.1	ug/L
75-00-3	Chloroethane	4.1	U	25	4.1	ug/L
75-69-4	Trichlorofluoromethane	1.1	U	25	1.1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	6.5	U	25	6.5	ug/L
75-35-4	1,1-Dichloroethene	2.1	U	25	2.1	ug/L
67-64-1	Acetone	11	U	120	11	ug/L
75-15-0	Carbon disulfide	2.0	U	25	2.0	ug/L
1634-04-4	Methyl tert-butyl Ether	1.4	U	25	1.4	ug/L
79-20-9	Methyl Acetate	1.0	U	25	1.0	ug/L
75-09-2	Methylene Chloride	2.1	U	25	2.1	ug/L
156-60-5	trans-1,2-Dichloroethene	2.0	U	25	2.0	ug/L
75-34-3	1,1-Dichloroethane	1.9	U	25	1.9	ug/L
110-82-7	Cyclohexane	1.8	U	25	1.8	ug/L
78-93-3	2-Butanone	5.7	U	120	5.7	ug/L
56-23-5	Carbon Tetrachloride	5.7	U	25	5.7	ug/L
156-59-2	cis-1,2-Dichloroethene	25	JD	25	1.5	ug/L
67-66-3	Chloroform	1.7	U	25	1.7	ug/L
71-55-6	1,1,1-Trichloroethane	1.6	U	25	1.6	ug/L
108-87-2	Methylcyclohexane	1.7	U	25	1.7	ug/L
71-43-2	Benzene	1.9	U	25	1.9	ug/L
107-06-2	1,2-Dichloroethane	1.7	U	25	1.7	ug/L
79-01-6	Trichloroethene	77	D	25	2.3	ug/L
78-87-5	1,2-Dichloropropane	2.0	U	25	2.0	ug/L
75-27-4	Bromodichloromethane	1.7	U	25	1.7	ug/L
108-10-1	4-Methyl-2-Pentanone	8.1	U	120	8.1	ug/L
108-88-3	Toluene	1.8	U	25	1.8	ug/L
10061-02-6	t-1,3-Dichloropropene	1.6	U	25	1.6	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.8	U	25	1.8	ug/L
79-00-5	1,1,2-Trichloroethane	2.0	U	25	2.0	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E8DL	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-03DL	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH017076.D	5	11/28/2007	VH110207

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	8.4	U	120	8.4	ug/L
124-48-1	Dibromochloromethane	1.3	U	25	1.3	ug/L
106-93-4	1,2-Dibromoethane	1.6	U	25	1.6	ug/L
127-18-4	Tetrachloroethene	2.4	U	25	2.4	ug/L
108-90-7	Chlorobenzene	2.3	U	25	2.3	ug/L
100-41-4	Ethyl Benzene	2.3	U	25	2.3	ug/L
126777-61-2	m/p-Xylenes	5.9	U	50	5.9	ug/L
95-47-6	o-Xylene	2.3	U	25	2.3	ug/L
100-42-5	Styrene	2.0	U	25	2.0	ug/L
75-25-2	Bromoform	1.6	U	25	1.6	ug/L
98-82-8	Isopropylbenzene	2.2	U	25	2.2	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.5	U	25	1.5	ug/L
541-73-1	1,3-Dichlorobenzene	2.5	U	25	2.5	ug/L
106-46-7	1,4-Dichlorobenzene	2.7	U	25	2.7	ug/L
95-50-1	1,2-Dichlorobenzene	2.2	U	25	2.2	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.9	U	25	1.9	ug/L
120-82-1	1,2,4-Trichlorobenzene	2.3	U	25	2.3	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.75	96 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	50.67	101 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	45.38	91 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	47.28	95 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1639027	4.51			
540-36-3	1,4-Difluorobenzene	2768257	5.05			
3114-55-4	Chlorobenzene-d5	2234463	8.49			
3855-82-1	1,4-Dichlorobenzene-d4	1103374	10.98			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	TRIP BLANK	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-07	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG010109.D	1	11/27/2007	VG111407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	TRIP BLANK	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-07	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG010109.D	1	11/27/2007	VG111407

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.14	112 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	51.82	104 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	50.25	101 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	47.82	96 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	685902	4.22			
540-36-3	1,4-Difluorobenzene	1557582	5.04			
3114-55-4	Chlorobenzene-d5	1442073	9.84			
3855-82-1	1,4-Dichlorobenzene-d4	664194	13.54			

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E = Value Exceeds Calibration Range

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Chemtech

Summary Sheet
SW-846

SDG No.: Y5394 Order ID: Y5394

Client: Environmental Business Consultants Project ID: ENVI49

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**E10**							
Y5394-02	E10	WATER	Vinyl chloride	150	E	5.0	0.33	ug/L
Y5394-02	E10	WATER	1,1-Dichloroethene	24		5.0	0.42	ug/L
Y5394-02	E10	WATER	Methyl tert-butyl Ether	2.0	J	5.0	0.28	ug/L
Y5394-02	E10	WATER	trans-1,2-Dichloroethene	22		5.0	0.40	ug/L
Y5394-02	E10	WATER	cis-1,2-Dichloroethene	2100	E	5.0	0.29	ug/L
Y5394-02	E10	WATER	Benzene	3.3	J	5.0	0.39	ug/L
Y5394-02	E10	WATER	Trichloroethene	4800	E	5.0	0.46	ug/L
Y5394-02	E10	WATER	1,1,2-Trichloroethane	1.9	J	5.0	0.41	ug/L
Y5394-02	E10	WATER	Tetrachloroethene	16		5.0	0.48	ug/L
			Total VOC's:	7119.20				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	7119.20				
Client ID:	**E10DL**							
Y5394-02DL	E10DL	WATER	Vinyl chloride	94	D	50	3.3	ug/L
Y5394-02DL	E10DL	WATER	1,1-Dichloroethene	15	JD	50	4.2	ug/L
Y5394-02DL	E10DL	WATER	trans-1,2-Dichloroethene	38	JD	50	4.0	ug/L
Y5394-02DL	E10DL	WATER	cis-1,2-Dichloroethene	3500	ED	50	2.9	ug/L
Y5394-02DL	E10DL	WATER	Trichloroethene	7100	ED	50	4.6	ug/L
			Total VOC's:	10747.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	10747.00				
Client ID:	**E10DL2**							
Y5394-02DL2	E10DL2	WATER	cis-1,2-Dichloroethene	3700	JD	5000	290	ug/L
Y5394-02DL2	E10DL2	WATER	Trichloroethene	9300	D	5000	460	ug/L
			Total VOC's:	13000.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	13000.00				
Client ID:	**E14**							
Y5394-01	E14	WATER	Trichloroethene	5.1		5.0	0.46	ug/L
			Total VOC's:	5.10				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	5.10				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Chemtech

Summary Sheet
SW-846

SDG No.: Y5394 Order ID: Y5394

Client: Environmental Business Consultants Project ID: ENVI49

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**E8**							
Y5394-03	E8	WATER	1,1-Dichloroethane	3.7	J	5.0	0.38	ug/L
Y5394-03	E8	WATER	cis-1,2-Dichloroethene	27		5.0	0.29	ug/L
Y5394-03	E8	WATER	Trichloroethene	86	E	5.0	0.46	ug/L
			Total VOC's:	116.70				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	116.70				
Client ID:	**E8DL**							
Y5394-03DL	E8DL	WATER	cis-1,2-Dichloroethene	25	JD	25	1.5	ug/L
Y5394-03DL	E8DL	WATER	Trichloroethene	77	D	25	2.3	ug/L
			Total VOC's:	102.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	102.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/200
Client Sample ID:	E14	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-01	**Matrix:**	WATER
Analytical Method:	8270	**% Moisture:**	100
Sample Wt/Vol:	1000.0 mL	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF016448.D	1	11/23/2007	11/26/2007	BF110607

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
111-44-4	bis(2-Chloroethyl)ether	1.4	U	10	1.4	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.860	U	10	0.860	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	10	1.2	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.3	U	10	1.3	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	3.6	J	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.2	U	10	1.2	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/200'
Client Sample ID:	E14	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-01	**Matrix:**	WATER
Analytical Method:	8270	**% Moisture:**	100
Sample Wt/Vol:	1000.0 mL	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF016448.D	1	11/23/2007	11/26/2007	BF110607

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.0	U	20	1.0	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.5	U	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.750	U	10	0.750	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.830	U	10	0.830	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	84.89	85 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	92.08	92 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	64.29	64 %	33 - 141		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	45448	4.52			
1146-65-2	Naphthalene-d8	184385	6.33			
15067-26-2	Acenaphthene-d10	93317	9.04			
1517-22-2	Phenanthrene-d10	135500	11.38			
1719-03-5	Chrysene-d12	107094	15.58			
1520-96-3	Perylene-d12	102241	17.68			

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/200
Client Sample ID:	E10	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-02	**Matrix:**	WATER
Analytical Method:	8270	**% Moisture:**	100
Sample Wt/Wol:	1000.0 mL	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF016449.D	1	11/23/2007	11/26/2007	BF110607

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
111-44-4	bis(2-Chloroethyl)ether	1.4	U	10	1.4	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.860	U	10	0.860	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	10	1.2	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.3	U	10	1.3	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	3.6	J	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.2	U	10	1.2	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected
RL = Reporting Limit
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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/200'
Client Sample ID:	E10	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-02	**Matrix:**	WATER
Analytical Method:	8270	**% Moisture:**	100
Sample Wt/Vol:	1000.0 mL	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF016449.D	1	11/23/2007	11/26/2007	BF110607

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.0	U	20	1.0	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.5	U	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.750	U	10	0.750	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.830	U	10	0.830	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	85.06	85 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	94.62	95 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	81.35	81 %	33 - 141		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	45207	4.52			
1146-65-2	Naphthalene-d8	184068	6.33			
15067-26-2	Acenaphthene-d10	90331	9.05			
1517-22-2	Phenanthrene-d10	129504	11.38			
1719-03-5	Chrysene-d12	99822	15.58			
1520-96-3	Perylene-d12	95408	17.68			

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J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/200
Client Sample ID:	E8	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-03	**Matrix:**	WATER
Analytical Method:	8270	**% Moisture:**	100
Sample Wt/Vol:	1000.0 mL	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF016450.D	1	11/23/2007	11/26/2007	BF110607

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
111-44-4	bis(2-Chloroethyl)ether	1.4	U	10	1.4	ug/L
95-50-1	1,2-Dichlorobenzene	1.2	U	10	1.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.2	U	10	1.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.860	U	10	0.860	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	10	1.2	ug/L
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.3	U	10	1.3	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	5.1	J	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
86-30-6	N-Nitrosodiphenylamine	1.2	U	10	1.2	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/200
Client Sample ID:	E8	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-03	**Matrix:**	WATER
Analytical Method:	8270	**% Moisture:**	100
Sample Wt/Vol:	1000.0 mL	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF016450.D	1	11/23/2007	11/26/2007	BF110607

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.0	U	20	1.0	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	21		10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.750	U	10	0.750	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.830	U	10	0.830	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	85.96	86 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	92.25	92 %	43 - 116		SPK: 10
1718-51-0	Terphenyl-d14	106.65	107 %	33 - 141		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	51924	4.52			
1146-65-2	Naphthalene-d8	205619	6.33			
15067-26-2	Acenaphthene-d10	102432	9.05			
1517-22-2	Phenanthrene-d10	143978	11.38			
1719-03-5	Chrysene-d12	101639	15.59			
1520-96-3	Perylene-d12	95895	17.69			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
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N = Presumptive Evidence of a Compound

Hit Summary Report

SDG No.:	**Y5394**	**Order ID:**	**Y5394**
Client:	**Environmental Business Consultants**	**Project ID:**	**49 Dupont Street**
Test:	**SVOCMS Group1**		

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**E10**							
Y5394-02	E10	WATER	Diethylphthalate	3.6	J	10	1.3	ug/L
			Total SVOC's:	3.60				
			Total TIC's:	0.00				
			Total SVOC's and TIC's:	3.60				
Client ID:	**E14**							
Y5394-01	E14	WATER	Diethylphthalate	3.6	J	10	1.3	ug/L
			Total SVOC's:	3.60				
			Total TIC's:	0.00				
			Total SVOC's and TIC's:	3.60				
Client ID:	**E8**							
Y5394-03	E8	WATER	Diethylphthalate	5.1	J	10	1.3	ug/L
Y5394-03	E8	WATER	bis(2-Ethylhexyl)phthalate	21		10	1.5	ug/L
			Total SVOC's:	26.10				
			Total TIC's:	0.00				
			Total SVOC's and TIC's:	26.10				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E14	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-01	**Matrix:**	WATER
Analytical Method:	8081	**% Moisture:**	100
Sample Wt/Vol:	1000 mL	**Extract Vol:**	10000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P4009379.D	1	11/23/2007	11/26/2007	P4111207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.0063	U	0.050	0.0063	ug/L
319-85-7	beta-BHC	0.0070	U	0.050	0.0070	ug/L
319-86-8	delta-BHC	0.0500	U	0.050	0.0500	ug/L
58-89-9	gamma-BHC (Lindane)	0.0071	U	0.050	0.0071	ug/L
76-44-8	Heptachlor	0.0227	U	0.050	0.0227	ug/L
309-00-2	Aldrin	0.0299	U	0.050	0.0299	ug/L
1024-57-3	Heptachlor epoxide	0.0121	U	0.050	0.0121	ug/L
959-98-8	Endosulfan I	0.0076	U	0.050	0.0076	ug/L
60-57-1	Dieldrin	0.0073	U	0.050	0.0073	ug/L
72-55-9	4,4'-DDE	0.0072	U	0.050	0.0072	ug/L
72-20-8	Endrin	0.0069	U	0.050	0.0069	ug/L
33213-65-9	Endosulfan II	0.0073	U	0.050	0.0073	ug/L
72-54-8	4,4'-DDD	0.0070	U	0.050	0.0070	ug/L
1031-07-8	Endosulfan sulfate	0.0086	U	0.050	0.0086	ug/L
50-29-3	4,4'-DDT	0.0064	U	0.050	0.0064	ug/L
72-43-5	Methoxychlor	0.0072	U	0.050	0.0072	ug/L
53494-70-5	Endrin ketone	0.0078	U	0.050	0.0078	ug/L
7421-93-4	Endrin aldehyde	0.0088	U	0.050	0.0088	ug/L
5103-71-9	alpha-Chlordane	0.0076	U	0.050	0.0076	ug/L
5103-74-2	gamma-Chlordane	0.0078	U	0.050	0.0078	ug/L
8001-35-2	Toxaphene	0.0900	U	0.50	0.0900	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	12.84	64 %	40 - 135		SPK: 20
877-09-8	Tetrachloro-m-xylene	15.72	79 %	40 - 135		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E10	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-02	**Matrix:**	WATER
Analytical Method:	8081	**% Moisture:**	100
Sample Wt/Vol:	500 mL	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P4009380.D	1	11/23/2007	11/26/2007	P4111207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.0063	U	0.050	0.0063	ug/L
319-85-7	beta-BHC	0.0070	U	0.050	0.0070	ug/L
319-86-8	delta-BHC	0.0500	U	0.050	0.0500	ug/L
58-89-9	gamma-BHC (Lindane)	0.0071	U	0.050	0.0071	ug/L
76-44-8	Heptachlor	0.0227	U	0.050	0.0227	ug/L
309-00-2	Aldrin	0.0299	U	0.050	0.0299	ug/L
1024-57-3	Heptachlor epoxide	0.0121	U	0.050	0.0121	ug/L
959-98-8	Endosulfan I	0.0076	U	0.050	0.0076	ug/L
60-57-1	Dieldrin	0.0073	U	0.050	0.0073	ug/L
72-55-9	4,4'-DDE	0.0072	U	0.050	0.0072	ug/L
72-20-8	Endrin	0.0069	U	0.050	0.0069	ug/L
33213-65-9	Endosulfan II	0.0073	U	0.050	0.0073	ug/L
72-54-8	4,4'-DDD	0.0070	U	0.050	0.0070	ug/L
1031-07-8	Endosulfan sulfate	0.0086	U	0.050	0.0086	ug/L
50-29-3	4,4'-DDT	0.0064	U	0.050	0.0064	ug/L
72-43-5	Methoxychlor	0.0072	U	0.050	0.0072	ug/L
53494-70-5	Endrin ketone	0.0078	U	0.050	0.0078	ug/L
7421-93-4	Endrin aldehyde	0.0088	U	0.050	0.0088	ug/L
5103-71-9	alpha-Chlordane	0.0076	U	0.050	0.0076	ug/L
5103-74-2	gamma-Chlordane	0.0078	U	0.050	0.0078	ug/L
8001-35-2	Toxaphene	0.0900	U	0.50	0.0900	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.5	68 %	40 - 135		SPK: 20
877-09-8	Tetrachloro-m-xylene	18.05	90 %	40 - 135		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**11/19/2007**
Project:	**49 Dupont Street**	**Date Received:**	**11/21/2007**
Client Sample ID:	**E8**	**SDG No.:**	**Y5394**
Lab Sample ID:	**Y5394-03**	**Matrix:**	**WATER**
Analytical Method:	**8081**	**% Moisture:**	**100**
Sample Wt/Vol:	**500 mL**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P4009381.D	1	11/23/2007	11/26/2007	P4111207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.0063	U	0.050	0.0063	ug/L
319-85-7	beta-BHC	0.0070	U	0.050	0.0070	ug/L
319-86-8	delta-BHC	0.0500	U	0.050	0.0500	ug/L
58-89-9	gamma-BHC (Lindane)	0.0071	U	0.050	0.0071	ug/L
76-44-8	Heptachlor	0.0227	U	0.050	0.0227	ug/L
309-00-2	Aldrin	0.0299	U	0.050	0.0299	ug/L
1024-57-3	Heptachlor epoxide	0.0121	U	0.050	0.0121	ug/L
959-98-8	Endosulfan I	0.0076	U	0.050	0.0076	ug/L
60-57-1	Dieldrin	0.0073	U	0.050	0.0073	ug/L
72-55-9	4,4'-DDE	0.0072	U	0.050	0.0072	ug/L
72-20-8	Endrin	0.0069	U	0.050	0.0069	ug/L
33213-65-9	Endosulfan II	0.0073	U	0.050	0.0073	ug/L
72-54-8	4,4'-DDD	0.0070	U	0.050	0.0070	ug/L
1031-07-8	Endosulfan sulfate	0.0086	U	0.050	0.0086	ug/L
50-29-3	4,4'-DDT	0.0064	U	0.050	0.0064	ug/L
72-43-5	Methoxychlor	0.0072	U	0.050	0.0072	ug/L
53494-70-5	Endrin ketone	0.0078	U	0.050	0.0078	ug/L
7421-93-4	Endrin aldehyde	0.0088	U	0.050	0.0088	ug/L
5103-71-9	alpha-Chlordane	0.0076	U	0.050	0.0076	ug/L
5103-74-2	gamma-Chlordane	0.0078	U	0.050	0.0078	ug/L
8001-35-2	Toxaphene	0.0900	U	0.50	0.0900	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	11.24	56 %	40 - 135		SPK: 20
877-09-8	Tetrachloro-m-xylene	13.6	68 %	40 - 135		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E13	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-08	**Matrix:**	WATER
Analytical Method:	8081	**% Moisture:**	100
Sample Wt/Vol:	390 mL	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P4009382.D	1	11/23/2007	11/26/2007	P4111207

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.0081	U	0.064	0.0081	ug/L
319-85-7	beta-BHC	0.0090	U	0.064	0.0090	ug/L
319-86-8	delta-BHC	0.0641	U	0.064	0.0641	ug/L
58-89-9	gamma-BHC (Lindane)	0.0091	U	0.064	0.0091	ug/L
76-44-8	Heptachlor	0.0291	U	0.064	0.0291	ug/L
309-00-2	Aldrin	0.0384	U	0.064	0.0384	ug/L
1024-57-3	Heptachlor epoxide	0.0155	U	0.064	0.0155	ug/L
959-98-8	Endosulfan I	0.0097	U	0.064	0.0097	ug/L
60-57-1	Dieldrin	0.0094	U	0.064	0.0094	ug/L
72-55-9	4,4'-DDE	0.0092	U	0.064	0.0092	ug/L
72-20-8	Endrin	0.0089	U	0.064	0.0089	ug/L
33213-65-9	Endosulfan II	0.0093	U	0.064	0.0093	ug/L
72-54-8	4,4'-DDD	0.0090	U	0.064	0.0090	ug/L
1031-07-8	Endosulfan sulfate	0.0111	U	0.064	0.0111	ug/L
50-29-3	4,4'-DDT	0.0082	U	0.064	0.0082	ug/L
72-43-5	Methoxychlor	0.0092	U	0.064	0.0092	ug/L
53494-70-5	Endrin ketone	0.0100	U	0.064	0.0100	ug/L
7421-93-4	Endrin aldehyde	0.0113	U	0.064	0.0113	ug/L
5103-71-9	alpha-Chlordane	0.0098	U	0.064	0.0098	ug/L
5103-74-2	gamma-Chlordane	0.0100	U	0.064	0.0100	ug/L
8001-35-2	Toxaphene	0.1154	U	0.64	0.1154	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.87	69 %	40 - 135		SPK: 20
877-09-8	Tetrachloro-m-xylene	13.46	67 %	40 - 135		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

Hit Summary Sheet

SDG No.: Order ID:

Client: Project ID:

Sample ID Client ID:	Client ID	Parameter	Concentration	C	RDL	MDL	Units
		Total Pesticides:					

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E14	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-01	**Matrix:**	WATER
Analytical Method:	8082	**% Moisture:**	100
Sample Wt/Vol:	1000 mL	**Extract Vol:**	10000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6010890.D	1	11/23/2007	11/27/2007	P6111907

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	0.145	U	0.50	0.145	ug/L
11104-28-2	AROCLOR 1221	0.170	U	0.50	0.170	ug/L
11141-16-5	AROCLOR 1232	0.109	U	0.50	0.109	ug/L
53469-21-9	AROCLOR 1242	0.083	U	0.50	0.083	ug/L
12672-29-6	AROCLOR 1248	0.042	U	0.50	0.042	ug/L
11097-69-1	AROCLOR 1254	0.037	U	0.50	0.037	ug/L
11096-82-5	AROCLOR 1260	0.1600	U	0.50	0.1600	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.14	91 %	40 - 135		SPK: 20
2051-24-3	Decachlorobiphenyl	11.91	60 %	42 - 133		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**11/19/2007**
Project:	**49 Dupont Street**	**Date Received:**	**11/21/2007**
Client Sample ID:	**E10**	**SDG No.:**	**Y5394**
Lab Sample ID:	**Y5394-02**	**Matrix:**	**WATER**
Analytical Method:	**8082**	**% Moisture:**	**100**
Sample Wt/Vol:	**500 mL**	**Extract Vol:**	**5000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6010891.D	1	11/23/2007	11/27/2007	P6111907

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	0.145	U	0.50	0.145	ug/L
11104-28-2	AROCLOR 1221	0.170	U	0.50	0.170	ug/L
11141-16-5	AROCLOR 1232	0.109	U	0.50	0.109	ug/L
53469-21-9	AROCLOR 1242	0.083	U	0.50	0.083	ug/L
12672-29-6	AROCLOR 1248	0.042	U	0.50	0.042	ug/L
11097-69-1	AROCLOR 1254	0.037	U	0.50	0.037	ug/L
11096-82-5	AROCLOR 1260	0.1600	U	0.50	0.1600	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.26	96 %	40 - 135		SPK: 20
2051-24-3	Decachlorobiphenyl	16.67	83 %	42 - 133		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E8	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-03	**Matrix:**	WATER
Analytical Method:	8082	**% Moisture:**	100
Sample Wt/Vol:	500 mL	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6010892.D	1	11/23/2007	11/27/2007	P6111907

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	0.145	U	0.50	0.145	ug/L
11104-28-2	AROCLOR 1221	0.170	U	0.50	0.170	ug/L
11141-16-5	AROCLOR 1232	0.109	U	0.50	0.109	ug/L
53469-21-9	AROCLOR 1242	0.083	U	0.50	0.083	ug/L
12672-29-6	AROCLOR 1248	0.042	U	0.50	0.042	ug/L
11097-69-1	AROCLOR 1254	0.037	U	0.50	0.037	ug/L
11096-82-5	AROCLOR 1260	0.1600	U	0.50	0.1600	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.05	110 %	40 - 135		SPK: 20
2051-24-3	Decachlorobiphenyl	11.91	60 %	42 - 133		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E13	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-08	**Matrix:**	WATER
Analytical Method:	8082	**% Moisture:**	100
Sample Wt/Vol:	390 mL	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6010893.D	1	11/23/2007	11/27/2007	P6111907

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	0.186	U	0.64	0.186	ug/L
11104-28-2	AROCLOR 1221	0.218	U	0.64	0.218	ug/L
11141-16-5	AROCLOR 1232	0.140	U	0.64	0.140	ug/L
53469-21-9	AROCLOR 1242	0.106	U	0.64	0.106	ug/L
12672-29-6	AROCLOR 1248	0.054	U	0.64	0.054	ug/L
11097-69-1	AROCLOR 1254	0.047	U	0.64	0.047	ug/L
11096-82-5	AROCLOR 1260	0.2000	U	0.64	0.2000	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.76	119 %	40 - 135		SPK: 20
2051-24-3	Decachlorobiphenyl	14.32	72 %	42 - 133		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

Hit Summary Report

SDG No.:
Client:
Test:

Order ID:
Project ID:

Sample ID Client ID:	Client ID	Parameter	Concentration	C	RDL	MDL	Units
		Total PCB's:					

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E14	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-01	**Matrix:**	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	1340		ug/L	17.2	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-36-0	Antimony	3.100	U	ug/L	3.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-38-2	Arsenic	2.900	U	ug/L	2.900	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-39-3	Barium	90.6		ug/L	3.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-41-7	Beryllium	1.590	J	ug/L	0.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.900	U	ug/L	0.900	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-70-2	Calcium	19500		ug/L	7.800	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-47-3	Chromium	2.340	J	ug/L	0.600	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-48-4	Cobalt	3.700	J	ug/L	1.300	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-50-8	Copper	3.980	J	ug/L	0.500	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-89-6	Iron	2160		ug/L	47.7	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-92-1	Lead	3.040	J	ug/L	1.900	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-95-4	Magnesium	4190		ug/L	9.200	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-96-5	Manganese	5200		ug/L	0.800	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-97-6	Mercury	0.11	U	ug/L	0.11	1	11/26/2007	11/26/2007	EPA SW-846 7470
7440-02-0	Nickel	3.010	J	ug/L	1.800	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-09-7	Potassium	10600		ug/L	236	1	11/26/2007	11/26/2007	EPA SW-846 6010
7782-49-2	Selenium	2.100	U	ug/L	2.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-22-4	Silver	0.600	U	ug/L	0.600	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-23-5	Sodium	35900		ug/L	204	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-28-0	Thallium	3.500	U	ug/L	3.500	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-62-2	Vanadium	2.460	J	ug/L	1.000	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-66-6	Zinc	53.4		ug/L	2.900	1	11/26/2007	11/26/2007	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**11/19/2007**
Project:	**49 Dupont Street**	**Date Received:**	**11/21/2007**
Client Sample ID:	**E10**	**SDG No.:**	**Y5394**
Lab Sample ID:	**Y5394-02**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	14200		ug/L	17.2	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-36-0	Antimony	3.100	U	ug/L	3.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-38-2	Arsenic	2.900	U	ug/L	2.900	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-39-3	Barium	316		ug/L	3.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-41-7	Beryllium	2.250	J	ug/L	0.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.900	U	ug/L	0.900	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-70-2	Calcium	163000		ug/L	7.800	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-47-3	Chromium	27.2		ug/L	0.600	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-48-4	Cobalt	26.8		ug/L	1.300	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-50-8	Copper	66.2		ug/L	0.500	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-89-6	Iron	21800		ug/L	47.7	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-92-1	Lead	20.1		ug/L	1.900	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-95-4	Magnesium	35800		ug/L	9.200	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-96-5	Manganese	12200		ug/L	0.800	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-97-6	Mercury	0.11	U	ug/L	0.11	1	11/26/2007	11/26/2007	EPA SW-846 7470
7440-02-0	Nickel	27.3		ug/L	1.800	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-09-7	Potassium	26300		ug/L	236	1	11/26/2007	11/26/2007	EPA SW-846 6010
7782-49-2	Selenium	2.100	U	ug/L	2.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-22-4	Silver	0.600	U	ug/L	0.600	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-23-5	Sodium	815000		ug/L	204	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-28-0	Thallium	3.500	U	ug/L	3.500	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-62-2	Vanadium	34.7		ug/L	1.000	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-66-6	Zinc	251		ug/L	2.900	1	11/26/2007	11/26/2007	EPA SW-846 6010

Comments:

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E8	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-03	**Matrix:**	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	3630		ug/L	17.2	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-36-0	Antimony	3.100	U	ug/L	3.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-38-2	Arsenic	2.900	U	ug/L	2.900	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-39-3	Barium	99.3		ug/L	3.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-41-7	Beryllium	1.700	J	ug/L	0.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.900	U	ug/L	0.900	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-70-2	Calcium	127000		ug/L	7.800	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-47-3	Chromium	11.0		ug/L	0.600	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-48-4	Cobalt	3.520	J	ug/L	1.300	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-50-8	Copper	12.6		ug/L	0.500	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-89-6	Iron	24400		ug/L	47.7	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-92-1	Lead	7.730	J	ug/L	1.900	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-95-4	Magnesium	36400		ug/L	9.200	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-96-5	Manganese	2380		ug/L	0.800	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-97-6	Mercury	0.11	U	ug/L	0.11	1	11/26/2007	11/26/2007	EPA SW-846 7470
7440-02-0	Nickel	2.770	J	ug/L	1.800	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-09-7	Potassium	15000		ug/L	236	1	11/26/2007	11/26/2007	EPA SW-846 6010
7782-49-2	Selenium	2.100	U	ug/L	2.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-22-4	Silver	0.720	J	ug/L	0.600	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-23-5	Sodium	42000		ug/L	204	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-28-0	Thallium	3.500	U	ug/L	3.500	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-62-2	Vanadium	13.8	J	ug/L	1.000	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-66-6	Zinc	83.9		ug/L	2.900	1	11/26/2007	11/26/2007	EPA SW-846 6010

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E14	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-04	**Matrix:**	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	61.7		ug/L	17.2	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-36-0	Antimony	3.100	U	ug/L	3.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-38-2	Arsenic	2.900	U	ug/L	2.900	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-39-3	Barium	78.3		ug/L	3.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-41-7	Beryllium	1.540	J	ug/L	0.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.900	U	ug/L	0.900	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-70-2	Calcium	19900		ug/L	7.800	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-47-3	Chromium	0.600	U	ug/L	0.600	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-48-4	Cobalt	2.090	J	ug/L	1.300	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-50-8	Copper	0.500	U	ug/L	0.500	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-89-6	Iron	116		ug/L	47.7	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-92-1	Lead	1.900	U	ug/L	1.900	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-95-4	Magnesium	4070		ug/L	9.200	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-96-5	Manganese	5050		ug/L	0.800	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-97-6	Mercury	0.11	U	ug/L	0.11	1	11/26/2007	11/26/2007	EPA SW-846 7470
7440-02-0	Nickel	1.800	U	ug/L	1.800	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-09-7	Potassium	10200		ug/L	236	1	11/26/2007	11/26/2007	EPA SW-846 6010
7782-49-2	Selenium	2.100	U	ug/L	2.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-22-4	Silver	0.600	U	ug/L	0.600	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-23-5	Sodium	35600		ug/L	204	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-28-0	Thallium	3.500	U	ug/L	3.500	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-62-2	Vanadium	1.000	U	ug/L	1.000	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-66-6	Zinc	43.2		ug/L	2.900	1	11/26/2007	11/26/2007	EPA SW-846 6010

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E10	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-05	**Matrix:**	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	73.3		ug/L	17.2	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-36-0	Antimony	3.100	U	ug/L	3.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-38-2	Arsenic	2.900	U	ug/L	2.900	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-39-3	Barium	169		ug/L	3.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-41-7	Beryllium	1.530	J	ug/L	0.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.900	U	ug/L	0.900	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-70-2	Calcium	156000		ug/L	7.800	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-47-3	Chromium	0.600	U	ug/L	0.600	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-48-4	Cobalt	3.580	J	ug/L	1.300	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-50-8	Copper	2.110	J	ug/L	0.500	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-89-6	Iron	48.4	J	ug/L	47.7	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-92-1	Lead	1.900	U	ug/L	1.900	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-95-4	Magnesium	28800		ug/L	9.200	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-96-5	Manganese	10600		ug/L	0.800	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-97-6	Mercury	0.11	U	ug/L	0.11	1	11/26/2007	11/26/2007	EPA SW-846 7470
7440-02-0	Nickel	3.120	J	ug/L	1.800	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-09-7	Potassium	16900		ug/L	236	1	11/26/2007	11/26/2007	EPA SW-846 6010
7782-49-2	Selenium	2.100	U	ug/L	2.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-22-4	Silver	0.600	U	ug/L	0.600	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-23-5	Sodium	737000		ug/L	204	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-28-0	Thallium	8.220	J	ug/L	3.500	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-62-2	Vanadium	1.000	U	ug/L	1.000	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-66-6	Zinc	58.7		ug/L	2.900	1	11/26/2007	11/26/2007	EPA SW-846 6010

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E8	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-06	**Matrix:**	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	17.2	U	ug/L	17.2	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-36-0	Antimony	3.100	U	ug/L	3.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-38-2	Arsenic	2.900	U	ug/L	2.900	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-39-3	Barium	19.2	J	ug/L	3.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-41-7	Beryllium	1.420	J	ug/L	0.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.900	U	ug/L	0.900	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-70-2	Calcium	157000		ug/L	7.800	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-47-3	Chromium	0.600	U	ug/L	0.600	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-48-4	Cobalt	1.300	U	ug/L	1.300	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-50-8	Copper	0.500	U	ug/L	0.500	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-89-6	Iron	14500		ug/L	47.7	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-92-1	Lead	2.100	J	ug/L	1.900	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-95-4	Magnesium	43400		ug/L	9.200	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-96-5	Manganese	2590		ug/L	0.800	1	11/26/2007	11/26/2007	EPA SW-846 6010
7439-97-6	Mercury	0.11	U	ug/L	0.11	1	11/26/2007	11/26/2007	EPA SW-846 7470
7440-02-0	Nickel	1.800	U	ug/L	1.800	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-09-7	Potassium	12700		ug/L	236	1	11/26/2007	11/26/2007	EPA SW-846 6010
7782-49-2	Selenium	3.030	J	ug/L	2.100	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-22-4	Silver	0.600	U	ug/L	0.600	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-23-5	Sodium	43500		ug/L	204	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-28-0	Thallium	8.550	J	ug/L	3.500	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-62-2	Vanadium	1.000	U	ug/L	1.000	1	11/26/2007	11/26/2007	EPA SW-846 6010
7440-66-6	Zinc	69.4		ug/L	2.900	1	11/26/2007	11/26/2007	EPA SW-846 6010

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Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	11/19/2007
Project:	49 Dupont Street	**Date Received:**	11/21/2007
Client Sample ID:	E15	**SDG No.:**	Y5394
Lab Sample ID:	Y5394-09	**Matrix:**	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	7230		ug/L	3.3	1	11/28/2007	12/2/2007	EPA SW-846 6010
7440-36-0	Antimony	3.8	U	ug/L	3.8	1	11/28/2007	12/2/2007	EPA SW-846 6010
7440-38-2	Arsenic	5.0	U	ug/L	5.0	1	11/28/2007	12/2/2007	EPA SW-846 6010
7440-39-3	Barium	165		ug/L	3.1	1	11/28/2007	12/2/2007	EPA SW-846 6010
7440-41-7	Beryllium	1.6	J	ug/L	0.10	1	11/28/2007	12/2/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.05	U	ug/L	0.05	1	11/28/2007	12/2/2007	EPA SW-846 6010
7440-70-2	Calcium	21700		ug/L	12.4	1	11/28/2007	12/2/2007	EPA SW-846 6010
7440-47-3	Chromium	23.5		ug/L	0.30	1	11/28/2007	12/2/2007	EPA SW-846 6010
7440-48-4	Cobalt	16.7		ug/L	0.07	1	11/28/2007	12/2/2007	EPA SW-846 6010
7440-50-8	Copper	31.1		ug/L	0.70	1	11/28/2007	12/2/2007	EPA SW-846 6010
7439-89-6	Iron	22000		ug/L	30.0	1	11/28/2007	12/2/2007	EPA SW-846 6010
7439-92-1	Lead	64.6		ug/L	2.0	1	11/28/2007	12/2/2007	EPA SW-846 6010
7439-95-4	Magnesium	7190		ug/L	6.4	1	11/28/2007	12/2/2007	EPA SW-846 6010
7439-96-5	Manganese	5860		ug/L	0.50	1	11/28/2007	12/2/2007	EPA SW-846 6010
7439-97-6	Mercury	0.11	J	ug/L	0.11	1	11/28/2007	11/28/2007	EPA SW-846 7470
7440-02-0	Nickel	23.3		ug/L	1.8	1	11/28/2007	12/2/2007	EPA SW-846 6010
7440-09-7	Potassium	13400		ug/L	125	1	11/28/2007	12/2/2007	EPA SW-846 6010
7782-49-2	Selenium	2.2	U	ug/L	2.2	1	11/28/2007	12/2/2007	EPA SW-846 6010
7440-22-4	Silver	1.1	U	ug/L	1.1	1	11/28/2007	12/2/2007	EPA SW-846 6010
7440-23-5	Sodium	32900		ug/L	168	1	11/28/2007	12/2/2007	EPA SW-846 6010
7440-28-0	Thallium	4.3	U	ug/L	4.3	1	11/28/2007	12/2/2007	EPA SW-846 6010
7440-62-2	Vanadium	25.3		ug/L	0.50	1	11/28/2007	12/2/2007	EPA SW-846 6010
7440-66-6	Zinc	149		ug/L	1.8	1	11/28/2007	12/2/2007	EPA SW-846 6010

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Hit Summary Sheet
SW-846

SDG No.: Y5394 Order ID: Y5394

Client: Environmental Business Consultants Project ID: 49 Dupont Street

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**E10**							
Y5394-05	E10	WATER	Aluminum	73.3		50.0	17.2	ug/L
Y5394-05	E10	WATER	Barium	169		50.0	3.100	ug/L
Y5394-05	E10	WATER	Beryllium	1.530	J	3.000	0.100	ug/L
Y5394-05	E10	WATER	Calcium	156000		1000	7.800	ug/L
Y5394-05	E10	WATER	Cobalt	3.580	J	15.0	1.300	ug/L
Y5394-05	E10	WATER	Copper	2.110	J	10.0	0.500	ug/L
Y5394-05	E10	WATER	Iron	48.4	J	50.0	47.7	ug/L
Y5394-05	E10	WATER	Magnesium	28800		1000	9.200	ug/L
Y5394-05	E10	WATER	Manganese	10600		10.0	0.800	ug/L
Y5394-05	E10	WATER	Nickel	3.120	J	20.0	1.800	ug/L
Y5394-05	E10	WATER	Potassium	16900		2000	236	ug/L
Y5394-05	E10	WATER	Sodium	737000		1000	204	ug/L
Y5394-05	E10	WATER	Thallium	8.220	J	20.0	3.500	ug/L
Y5394-05	E10	WATER	Zinc	58.7		20.0	2.900	ug/L
Client ID:	**E10**							
Y5394-02	E10	WATER	Aluminum	14200		50.0	17.2	ug/L
Y5394-02	E10	WATER	Barium	316		50.0	3.100	ug/L
Y5394-02	E10	WATER	Beryllium	2.250	J	3.000	0.100	ug/L
Y5394-02	E10	WATER	Calcium	163000		1000	7.800	ug/L
Y5394-02	E10	WATER	Chromium	27.2		5.000	0.600	ug/L
Y5394-02	E10	WATER	Cobalt	26.8		15.0	1.300	ug/L
Y5394-02	E10	WATER	Copper	66.2		10.0	0.500	ug/L
Y5394-02	E10	WATER	Iron	21800		50.0	47.7	ug/L
Y5394-02	E10	WATER	Lead	20.1		10.0	1.900	ug/L
Y5394-02	E10	WATER	Magnesium	35800		1000	9.200	ug/L
Y5394-02	E10	WATER	Manganese	12200		10.0	0.800	ug/L
Y5394-02	E10	WATER	Nickel	27.3		20.0	1.800	ug/L
Y5394-02	E10	WATER	Potassium	26300		2000	236	ug/L
Y5394-02	E10	WATER	Sodium	815000		1000	204	ug/L
Y5394-02	E10	WATER	Vanadium	34.7		20.0	1.000	ug/L
Y5394-02	E10	WATER	Zinc	251		20.0	2.900	ug/L

Hit Summary Sheet
SW-846

SDG No.: Y5394 Order ID: Y5394

Client: Environmental Business Consultants Project ID: 49 Dupont Street

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**E14**							
Y5394-04	E14	WATER	Aluminum	61.7		50.0	17.2	ug/L
Y5394-04	E14	WATER	Barium	78.3		50.0	3.100	ug/L
Y5394-04	E14	WATER	Beryllium	1.540	J	3.000	0.100	ug/L
Y5394-04	E14	WATER	Calcium	19900		1000	7.800	ug/L
Y5394-04	E14	WATER	Cobalt	2.090	J	15.0	1.300	ug/L
Y5394-04	E14	WATER	Iron	116		50.0	47.7	ug/L
Y5394-04	E14	WATER	Magnesium	4070		1000	9.200	ug/L
Y5394-04	E14	WATER	Manganese	5050		10.0	0.800	ug/L
Y5394-04	E14	WATER	Potassium	10200		2000	236	ug/L
Y5394-04	E14	WATER	Sodium	35600		1000	204	ug/L
Y5394-04	E14	WATER	Zinc	43.2		20.0	2.900	ug/L
Client ID:	**E14**							
Y5394-01	E14	WATER	Aluminum	1340		50.0	17.2	ug/L
Y5394-01	E14	WATER	Barium	90.6		50.0	3.100	ug/L
Y5394-01	E14	WATER	Beryllium	1.590	J	3.000	0.100	ug/L
Y5394-01	E14	WATER	Calcium	19500		1000	7.800	ug/L
Y5394-01	E14	WATER	Chromium	2.340	J	5.000	0.600	ug/L
Y5394-01	E14	WATER	Cobalt	3.700	J	15.0	1.300	ug/L
Y5394-01	E14	WATER	Copper	3.980	J	10.0	0.500	ug/L
Y5394-01	E14	WATER	Iron	2160		50.0	47.7	ug/L
Y5394-01	E14	WATER	Lead	3.040	J	10.0	1.900	ug/L
Y5394-01	E14	WATER	Magnesium	4190		1000	9.200	ug/L
Y5394-01	E14	WATER	Manganese	5200		10.0	0.800	ug/L
Y5394-01	E14	WATER	Nickel	3.010	J	20.0	1.800	ug/L
Y5394-01	E14	WATER	Potassium	10600		2000	236	ug/L
Y5394-01	E14	WATER	Sodium	35900		1000	204	ug/L
Y5394-01	E14	WATER	Vanadium	2.460	J	20.0	1.000	ug/L
Y5394-01	E14	WATER	Zinc	53.4		20.0	2.900	ug/L

Hit Summary Sheet
SW-846

SDG No.: Y5394 Order ID: Y5394

Client: Environmental Business Consultants Project ID: 49 Dupont Street

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**E15**							
Y5394-09	E15	WATER	Aluminum	7230		200	3.3	ug/L
Y5394-09	E15	WATER	Barium	165		50.0	3.1	ug/L
Y5394-09	E15	WATER	Beryllium	1.6	J	3.0	0.10	ug/L
Y5394-09	E15	WATER	Calcium	21700		1000	12.4	ug/L
Y5394-09	E15	WATER	Chromium	23.5		5.0	0.30	ug/L
Y5394-09	E15	WATER	Cobalt	16.7		15.0	0.07	ug/L
Y5394-09	E15	WATER	Copper	31.1		10.0	0.70	ug/L
Y5394-09	E15	WATER	Iron	22000		50.0	30.0	ug/L
Y5394-09	E15	WATER	Lead	64.6		6.0	2.0	ug/L
Y5394-09	E15	WATER	Magnesium	7190		1000	6.4	ug/L
Y5394-09	E15	WATER	Manganese	5860		10.0	0.50	ug/L
Y5394-09	E15	WATER	Mercury	0.11	J	0.20	0.11	ug/L
Y5394-09	E15	WATER	Nickel	23.3		20.0	1.8	ug/L
Y5394-09	E15	WATER	Potassium	13400		1000	125	ug/L
Y5394-09	E15	WATER	Sodium	32900		1000	168	ug/L
Y5394-09	E15	WATER	Vanadium	25.3		20.0	0.50	ug/L
Y5394-09	E15	WATER	Zinc	149		20.0	1.8	ug/L
Client ID:	**E8**							
Y5394-06	E8	WATER	Barium	19.2	J	50.0	3.100	ug/L
Y5394-06	E8	WATER	Beryllium	1.420	J	3.000	0.100	ug/L
Y5394-06	E8	WATER	Calcium	157000		1000	7.800	ug/L
Y5394-06	E8	WATER	Iron	14500		50.0	47.7	ug/L
Y5394-06	E8	WATER	Lead	2.100	J	10.0	1.900	ug/L
Y5394-06	E8	WATER	Magnesium	43400		1000	9.200	ug/L
Y5394-06	E8	WATER	Manganese	2590		10.0	0.800	ug/L
Y5394-06	E8	WATER	Potassium	12700		2000	236	ug/L
Y5394-06	E8	WATER	Selenium	3.030	J	10.0	2.100	ug/L
Y5394-06	E8	WATER	Sodium	43500		1000	204	ug/L
Y5394-06	E8	WATER	Thallium	8.550	J	20.0	3.500	ug/L
Y5394-06	E8	WATER	Zinc	69.4		20.0	2.900	ug/L

Hit Summary Sheet
SW-846

SDG No.: Y5394 **Order ID:** Y5394

Client: Environmental Business Consultants **Project ID:** 49 Dupont Street

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	E8							
Y5394-03	E8	WATER	Aluminum	3630		50.0	17.2	ug/L
Y5394-03	E8	WATER	Barium	99.3		50.0	3.100	ug/L
Y5394-03	E8	WATER	Beryllium	1.700	J	3.000	0.100	ug/L
Y5394-03	E8	WATER	Calcium	127000		1000	7.800	ug/L
Y5394-03	E8	WATER	Chromium	11.0		5.000	0.600	ug/L
Y5394-03	E8	WATER	Cobalt	3.520	J	15.0	1.300	ug/L
Y5394-03	E8	WATER	Copper	12.6		10.0	0.500	ug/L
Y5394-03	E8	WATER	Iron	24400		50.0	47.7	ug/L
Y5394-03	E8	WATER	Lead	7.730	J	10.0	1.900	ug/L
Y5394-03	E8	WATER	Magnesium	36400		1000	9.200	ug/L
Y5394-03	E8	WATER	Manganese	2380		10.0	0.800	ug/L
Y5394-03	E8	WATER	Nickel	2.770	J	20.0	1.800	ug/L
Y5394-03	E8	WATER	Potassium	15000		2000	236	ug/L
Y5394-03	E8	WATER	Silver	0.720	J	5.000	0.600	ug/L
Y5394-03	E8	WATER	Sodium	42000		1000	204	ug/L
Y5394-03	E8	WATER	Vanadium	13.8	J	20.0	1.000	ug/L
Y5394-03	E8	WATER	Zinc	83.9		20.0	2.900	ug/L

APPENDIX E

Remedial Investigation Report
Ecosystem Strategies – July 2015

REMEDIAL INVESTIGATION REPORT

Former NuHart
Plastic Manufacturing Site

280 Franklin Street
Brooklyn, New York

NYSDEC Hazardous Waste Site: 224136

July 30, 2015

ESI File: SB09110

Prepared By:

Ecosystems Strategies, Inc.
24 Davis Avenue, Poughkeepsie, NY 12603
phone 845.452.1658 | fax 845.485.7083 | ecosystemsstrategies.com

Ecosystems Strategies, Inc.

REMEDIAL INVESTIGATION REPORT

Former NuHart Plastic Manufacturing Site

280 Franklin Street
Brooklyn, New York

NYSDEC Hazardous Waste Site: 224136

July 30, 2015

ESI File: SB09110.52

Prepared By:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, New York 12603

Prepared For:

Dupont Street Developers LLC
390 Berry Street, Suite 200
Brooklyn, New York 11249

I Paul H. Ciminello certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved Work Plan and any DER-approved modifications.



Paul H. Ciminello
President

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1.0 INTRODUCTION

1.1 Purpose

This Remedial Investigation Report (RIR) summarizes environmental investigation services performed by Ecosystems Strategies, Inc. (ESI) at the Former NuHart Plastic Manufacturing Site, located at 280 Franklin Street, Brooklyn, New York (the "Site").

The investigative work was performed to document the extent of known contamination resulting from former manufacturing and industrial uses of the property. All investigations were conducted consistent with the NYSDEC approved Remedial Investigation Work Plan (RIWP, November 2011), directives from NYSDEC to conduct additional groundwater investigation, Supplemental Remedial Investigation Work Plan (SRIWP, July 2013), NYSDEC-approved Scope of Work for installation of monitoring wells at the adjoining Greenpoint Playground to the west (June 2014) and TCE Delineation Work Plan (TCEWP, September 2014), collectively referenced in this report as the "Work Plan". Any variations from the approved Work Plan are described in Section 3.1.8. This RIR summarizes data from previous environmental investigations performed by ESI and other environmental investigators (see Section 2.3), details fieldwork methodologies and sample collection procedures employed during implementation of the Work Plan (remedial investigation [RI]), documents laboratory analysis of samples collected in all media (soil, vapor and groundwater), and provides conclusions and recommendations based on the fieldwork and analytical data.

1.2 Limitations

This written analysis is an assessment of the Former NuHart Plastic Manufacturing Site located at 280 Franklin Street in Brooklyn, New York and is not relevant to any other property. It is a representation of those portions of the property analyzed as of the respective dates of the fieldwork.

Services summarized in this RIR were performed in accordance with the approved Work Plan and in general conformance with NYSDEC Division of Environmental Remediation Technical Guidance for Site Investigation and Remediation (DER-10), dated May 2010. Unless specifically noted, the findings and conclusions contained herein must be considered not as scientific certainties, but as probabilities based on professional judgment.

1.3 Objectives

ESI conducted an environmental investigation at the Site in order to:

- Characterize on-site and off-site soil and groundwater quality. Soil and groundwater samples directly related to the Site were analyzed for target compound list (TCL) volatile organic compounds (VOCs) plus tentatively identified compounds (TICS), semi-volatile organic compounds (SVOCs) plus TICS and Target Analyte List (TAL) metals in accordance with the Work Plan.
- Determine the impacts from historical site uses and the nature and extent of contamination in soil, groundwater and soil vapor.
- Obtain information sufficient to determine an appropriate remedial action.

2.0 SITE DESCRIPTION

2.1 Site Location and Description

The approximately 1-acre Site is identified on the city tax map as Block No. 2487, Lots No. 1, 10, 12, 72 and 78 (the dimensions of the Site are approximately 240 feet by 200 feet). The Site is comprised of the western portion of a vacant industrial building complex (the former NuHart Plastic Manufacturing facility) located in the Greenpoint section of Brooklyn, Kings County, New York. A Site Location Map, indicating the IHWDS boundary, is provided as Figure 1, Appendix A.

The Site is entirely covered by a complex of industrial buildings of various heights and dimensions. Historic maps indicate that the buildings were constructed at different times and agglomerated into the current "complex". As a result, many interior walls have footings and subgrade utility networks, representing constraints to current investigative efforts and, likely, future remedial work.

The Site is bordered immediately to the north by commercial/industrial buildings across Clay Street, to the east by remaining portions of the NuHart building, to the south by multi-family residential structures across Dupont Street and to the west by a New York City Park (Newtown Barge Playground) across Franklin Street. Residential buildings are located immediately east of the NuHart facility. Figure 2 (Appendix A) illustrates area-wide land uses in the vicinity of the Site.

Former industrial operations at the Site have impacted on-site and off-site soil and groundwater through releases of phthalates and lubricating oil from holding tanks and piping networks. Phthalates and a phthalate/oil mixture are present as widespread light non-aqueous phase liquid (LNAPL) impacting soil and floating on the groundwater. Dissolved groundwater contamination is generally limited to phthalates and localized impacts from a former release of chlorinated solvents.

The Site entered the New York State Inactive Hazardous Waste Disposal Site (IHWDS) Remedial Program (also known as the State Superfund Program) in July 2010 and is identified as Site No. 224136.

A NYSDEC spill event (file No. 0601852) has been reported for the NuHart property based on a release of petroleum from former underground storage tanks (USTs); the spill area, however, is located east of the Site at the northeastern portion of the building and is the subject of a separate remedial action. Data generated during the spill investigation has been incorporated into this RIR as appropriate, in order to document environmental conditions outside the Site boundaries.

2.2 Physical Setting

2.2.1 Site Topography

Information on the subject property's topography was obtained from the review of the United States Geological Survey (USGS) Topographic Map of the Brooklyn, New York Quadrangle and from observations made during the RI. The property is located in a relatively level urban area, which generally has surface elevations ranging from 10 to 15 feet above mean sea level (msl), with overall gentle downward slopes to the west-northwest, toward the confluence of the nearby East River and Newtown Creek. The Site is located within an industrial building, with a concrete floor at an elevation

generally matching grade level along Dupont and Clay Streets (eastern portion of building) and above grade level at Franklin Street (western portion of building).

2.2.2 Site Geology

U.S. Geological Survey reports describe the subsurface sequence in the general vicinity of the Site as unconsolidated fill overlying salt-marsh deposits and alluvium, typically underlain by till and ground moraine of the Upper Glacial Aquifer.

Subsurface soils exposed in mechanical borings extended during the RI to approximately 20 feet below surface grade (bsg) were noted to generally consist of fine to coarse, brown and gray sands, with variable proportions of gravel, silt and clay. Likely fill materials were noted beneath the building slab throughout the Site. Sandy silt, sandy and silty clay, and clay were noted in deeper saturated intervals at several locations. A single boring (3SB-6) extended to document soil conditions from 20 to 30 feet bsg contained a dense, continuous layer of gray to red silty clay. No bedrock was encountered in any boring.

Geotechnical borings were extended on- and off-site by Soil Mechanics Drilling Corp. in November and December 2014 (outside the scope of the Work Plan), in support of future development activities. Borings documented a general subsurface sequence of sandy fill located beneath the building slab, poorly-graded sands and silty sands extending into the saturated zone, and underlying layers of low-plasticity clays and silts (the clay layers were not observed at the western edge of the Site). Hard crystalline bedrock (gneiss) was encountered at depths of approximately 50 to 60 feet bsg.

A geological cross-section of the Site is presented on Figure 4, Appendix A. Soil boring methodology and observations are described in Section 3.3, soil boring logs from the RI and a copy of the geotechnical Boring Plan are presented in Appendix C, and driller's monitoring well construction logs are provided in Appendix D.

2.2.3 Site Subsurface Hydrogeology

Monthly well gauging data from September 2012 through March 2015 indicate that groundwater depth ranges from approximately 7 to 12 feet below grade (in the immediate vicinity of the well), with minimum groundwater depths generally recorded during the winter. Saturated soils observed during the extension of borings and the installation of monitoring wells generally consist of poorly-graded, variable texture sands with some silt and gravel.

Groundwater flow at the Site (as measured at 7 of 35 wells in March 2014) is in an overall westerly direction, towards the East River (located approximately 450 feet west of the property), and is somewhat tidally influenced west of the Site. Groundwater flow and tidal influences are discussed in Section 3.4.3.

2.3 History of Site and Previous Environmental Investigations

ESI has reviewed previous environmental reports issued by Advanced Site Restoration, LLC (ASR), including an Underground Tank Closure Report dated July 2006 (ASR TCR), a Phase II Site Assessment dated March 2007 (ASR Phase II) and several groundwater gauging and sampling reports (November and December 2007, August 2008 and March 2009 (ASR Groundwater Reports). Copies of these reports are provided in Appendix E.

The ASR Phase II summarizes the findings of previous environmental site assessment reports for the NuHart facility issued by RTP Environmental Associates Inc. (Preliminary Phase I Site Assessment) and FPM Group (Phase I Environmental Site Assessment). Commercial uses of the property prior to 1950 included manufacturing (metalworking, light fixtures, soap and water proofing materials); after 1950 the building complex was primarily used for the production, storage, and shipping of plastic and vinyl products by several tenants (the last tenant ceased operation in 2004). These reports identified the presence of USTs containing plasticizers, lubricating oil, chemicals and fuel oil.

The ASR TCR documented the in-place closure of seventeen USTs and associated sub-grade pipe trenches. A total of 8 tanks containing plasticizers (phthalates) and 4 tanks containing "Super Hecla" oil (a heavy-weight machine lubricant) were located at the Site, and 5 tanks (3 fuel oil tanks and 2 chemical tanks [methyl tert-butyl ketone and acetone]) were located east of the Site at the northeastern corner of the Building.

The ASR Phase II documents a soil and groundwater investigation beneath the NuHart building and at nearby public sidewalks. Petroleum contamination was found in the vicinity of former fuel oil tanks at the northeastern portion of the building (NYSDEC spill site) and phthalate impacts were found at the western portion of the building complex (the Site). Observations and laboratory findings presented in the report, which apply to the Site, are discussed below.

- Liquid phthalates were observed as LNAPL in groundwater wells, and elevated levels of phthalates were detected in soil and groundwater samples. LNAPL was found in monitoring and recovery wells throughout the Site and beneath adjoining sidewalk areas.
- A total of 46 soil samples from 37 Site sampling locations were submitted for laboratory analysis of semi-volatile organic compounds (SVOCs) and volatile organic compounds (VOCs). Total phthalate compounds were detected above 1,000 parts per million (ppm) in 6 samples (generally from deep soil near the groundwater interface), between 100 and 1,000 ppm in 4 samples, and below 100 ppm in 20 samples. Other semi-volatile organic compounds were detected in 11 samples, with 5 samples containing compounds slightly above NYSDEC Remedial Program Soil Cleanup Objectives (SCOs) for Restricted-Residential Use (RRUSCOs); these SVOC detections were generally limited to soils from 0 to 5 feet bsg. VOCs were detected below SCOs for Unrestricted Use in 8 samples.
- Additional analyses for TAL metals, PCBs and pesticides were completed for 4 Site soil samples. Low-level exceedances of RRUSCOs for metals (arsenic, barium, copper, lead and/or mercury) were detected in 3 samples. Re-analysis of the sample containing elevated mercury showed no contamination. PCBs were detected in only 1 sample at trace levels. No samples contained detectable levels of pesticides.
- Groundwater from 9 Site monitoring wells (within the building and in nearby sidewalks) was submitted for laboratory analysis of VOCs (petroleum related compounds, only) and SVOCs. Phthalates were detected above NYSDEC standards in 6 wells, with 4 wells located within the LNAPL plume exhibiting levels of total phthalate compounds above 100,000 parts per billion. Low-level exceedances of VOCs were detected in 2 wells.

ASR conducted an interim remedial measure (IRM) from 2006 through 2009, consisting of the removal of LNAPL from recovery wells located within the building, using both manual bailing and automated equipment (approximately 9,000 gallons were removed). LNAPL was historically detected in Site monitoring wells MW-4 through MW-7, MW-15 and MW-16, and recovery wells RW-2 through RW-12. Concurrent quarterly groundwater sampling for petroleum compounds and phthalates documented ongoing contamination by dissolved phthalates and an absence of any significant dissolved VOCs.

ESI began overseeing IRM activities at the Site in December 2009. Product recovery belt skimmers were installed at recovery wells RW-8 and RW-12 in October 2010 to enhance the product recovery system previously installed by ASR (pumping units at RW-3 and RW-10). Product recovery activities by ESI through January 2015 account for removal of approximately 12,400 gallons from the subsurface are documented in monthly reports submitted to NYSDEC. Historical LNAPL gauging data (September 2012 to March 2014) are presented in Table 15, Appendix B.

An Interim Investigation Report issued by ESI in April 2010 documents additional site investigation completed prior to the listing of the western portion of the NuHart property as an IHWDS. A copy of the Interim Investigation Report is provided in Appendix E and observations and laboratory findings presented in the report are discussed below.

- An analysis of the LNAPL present in RW-7, located at the northeastern portion of the building near the former fuel oil USTs, documented an absence of significant levels of phthalates. This finding indicated that the free product present in the recovery well was not an admixture of industrial wastes and could continue to be managed as a petroleum release.
- LNAPL at MW-4 (eastern portion of the Site) was observed to have a light yellow color and was identified as a mixture of phthalates. Dark colored, sticky LNAPL was observed at the western portion of the property in MW-5 through MW-7, MW-15, MW-16, RW-2 through RW-6, and RW-8 through RW-12. LNAPL at RW-12 was identified as a mixture of phthalates and a high boiling point paraffinic, petroleum based oil (MW-4 did not contain a significant amount of petroleum based oil). LNAPL at MW-20 (off-site sidewalk on the southern side of Dupont Street) was identified as bis(2-ethylhexyl)phthalate (DEHP). The apparent depth of free product in monitoring wells ranged from approximately 0.2 to 4.9 feet.
- No LNAPL was detected in RW-1 and exterior wells MW-8 (located in the sidewalk directly north of the building) and MW-12, MW-13 and MW-14 (located to the northwest and west across the adjoining roadways).
- Groundwater was determined to be flowing from the east to the west across the property. Off-site monitoring wells MW-12 and MW-13 (located to the northwest of the Site) were determined to be tidally influenced; nearby monitoring well MW-14 (located west of the Site), and MW-1, MW-2 and MW-3 (located east of the Site), however, were not tidally influenced.

- Water quality samples from off-site monitoring wells without overt LNAPL contamination (MW-3, MW-10, MW-12, MW-13 and MW-14) were analyzed for VOCs and SVOCs (full list parameters). No significant levels of dissolved phthalates were detected. Trichloroethylene (TCE) was detected at 15 µg/L in off-site well MW-13. No other significant levels of analytes were found in any samples.

2.4 Proposed Future Use of the Site

Future use of the former NuHart Plastics Manufacturing property, which includes the Site, is expected to be either restricted-residential or mixed use (restricted-residential and commercial). No specific redevelopment designs have been set forth by the Site Owner or other interested parties.

3.0 SITE INVESTIGATION

ESI extended a total of 55 soil borings during performance of the RI, with an additional 8 borings extended solely for the collection of soil vapor. Permanent groundwater monitoring wells were installed at 22 of the soil boring locations.

The RI findings are supplemented by data collected from the extension of 7 soil borings in the adjoining spill site area, 3 of which were converted to permanent groundwater monitoring wells, and by groundwater quality and product identification data collected in 2010, documented in ESI's Interim Investigation Report.

Fieldwork activities, laboratory submission and a qualitative human health exposure analysis are presented below. Analytical results from a total of 146 samples (inclusive of supplemental data) are provided in Tables 1 through 13 and a summary of sample collection and submission to the laboratory is provided in Table 14, Appendix B. Soil boring logs are presented in Appendix C, driller's monitoring well construction logs are presented in Appendix D and results from the Community Air Monitoring Plan (CAMP) are provided in Appendix G.

3.1 General Provisions

3.1.1 Utility Markout

Prior to the initiation of fieldwork (and prior to any subsequent intrusive fieldwork), a request for a complete utility markout of the subject property was submitted by ESI as required by New York State Department of Labor regulations. Confirmation of underground utility locations was secured and a field check of the utility markout was conducted prior to the extension of soil borings and/or the installation of monitoring wells. Additional markout services were provided, as warranted, by private contractors prior to fieldwork conducted in public sidewalks.

3.1.2 Agency Notification

The NYSDEC was notified in writing and/or via email prior to the initiation of all fieldwork. Changes to fieldwork scheduling and interim updates were provided via email and/or telephone calls.

3.1.3 Equipment Decontamination and Calibration

Prior to the initiation of fieldwork, all field equipment used during the work was properly decontaminated in accordance with NYSDEC guidelines, and all field instruments were properly calibrated in accordance with procedures set forth by the equipment manufacturer(s).

A photo-ionization detector (PID) was utilized by ESI personnel to screen all encountered material for the presence of any volatile organic vapors where appropriate. Prior to the initiation of fieldwork, this PID was properly calibrated to read parts per million calibration vapor equivalents (ppm-cge) of isobutylene in accordance with protocols set forth by the equipment manufacturer.

3.1.4 Investigation Derived Waste

Waste materials generated during Site investigation were stored within the on-site structure and periodically disposed of off-site at permitted facilities. Water generated during development and sampling of wells was placed into intermediate bulk storage containers (approximately 250- to 400-

gallons) utilized for the storage of phthalates and phthalate/water mixes removed from recovery wells. Phthalates and phthalate/water mixes removed from the Site have been classified as hazardous wastes. Soil cuttings not returned to boreholes and used equipment (e.g., gloves, spent absorbent pads, bailers, etc.) were placed into labeled 55-gallon drums and disposed off-site at permitted facilities. Waste disposal manifests are provided in Appendix F.

3.1.5 Subcontractors

ESI supervised the advancement of soil borings and/or the installation of monitoring wells by Todd Syska, Inc. (Syska), Soil Testing, Inc. (Soil Testing), Zebra Environmental Corporation (Zebra), Haz-Probe, Inc. (HPI) and Associated Environmental Services, Ltd (AES). The Health and Safety Plan (HASP) prepared for the Work Plan was reviewed with all on-site subcontractors. ESI personnel served as the Site Health and Safety officer during all on-site work. ESI personnel developed all monitoring wells and collected all soil, soil vapor and groundwater samples.

Laboratory services were subcontracted to New York State Department of Health (NYSDOH) certified laboratories (York Analytical Laboratories, Inc. [York, ELAP Certification Number 10602] and Alpha Analytical [Alpha, ELAP Certification Number 11148]). Data Usability Summary services were completed by EnviroAnalytics of Utica, New York and ZDataReports of Syracuse, New York.

Waste disposal services for non-hazardous soil, and hazardous liquid and solid wastes, were provided by Miller Environmental Group of Westbury, New York.

3.1.6 Fieldwork Observations, Sample Collection and Sample Custody

An assessment of field conditions (e.g., soil type, indications of contamination, PID readings) was made during the collection of all samples. ESI personnel maintained field logs documenting all field observations and measurements (see soil boring logs in Appendix C).

All media samples were collected in a manner consistent with NYSDEC sample collection protocols. Dedicated, disposable gloves were worn by all personnel handling samples, and collected media was placed into laboratory-supplied containers. All sample containers were maintained at low temperature prior to, and during, transport to the laboratory for analytical testing. Appropriate chain-of-custody procedures were followed.

Non-dedicated sampling equipment was decontaminated prior to initiation of fieldwork and before each new sample location, as appropriate.

3.1.7 Standards, Criteria and Guidance

Standards, Criteria and Guidance (SCGs) applicable to media investigated during the RI are specified below.

Soil

SCGs for all compounds detected in soils are based on NYSDEC Remedial Program SCOs for Restricted-Residential Use (RRUSCOs) as provided in 6 NYCRR Subpart 375, Table 375-6.8(b) “Protection of Public Health” category, and on Supplemental SCOs and Soil Cleanup Levels (for gasoline and fuel oil contaminated Soils) presented in NYSDEC CP-51 Tables 1 through 3. Data summary tables for soil also provide SCOs for Unrestricted Use (UUSCOs) for comparative purposes.

SCOs for soils are referenced in units of micrograms per kilogram (ug/kg, parts per billion [ppb]) for VOCs and SVOCs and milligrams per kilogram (mg/kg, parts per million [ppm]) for metals.

Water

SCGs for all compounds detected in water are based on Ambient Water Quality Standards and Guidance Values (AWQS) presented in NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 (TOGS 1.1.1). SCGs for groundwater are referenced in units of micrograms per liter (µg/L).

Soil Vapor

The State of New York does not have any standards, criteria or guidance values for volatile chemicals in subsurface vapors (either soil vapor or sub-slab vapor). Relatively high levels of VOCs in subsurface soil vapor are noted in the report text and in data summary tables in order to facilitate a discussion of investigative findings. The NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006) identifies several Air Guideline Values to be used in evaluating indoor air quality, which may be used in conjunction with sub-slab soil vapor data when evaluating the potential for soil vapor intrusion within buildings.

3.1.8 Documented Variations from the Approved Work Plan

There were no significant deviations from the Work Plan that were critical to the validity of the conclusions and recommendations presented in Section 4.0.

Variations from the approved Work Plan are discussed in relevant sections of this RIR as follows:

- Soil Investigation: Several soil borings could not be extended due to site conditions (limited physical access and repeated subsurface refusal), and additional sampling locations were utilized to provide alternative sources of data and to further delineate known contaminant conditions (see Section 3.3).
- Groundwater Investigation: Proposed sampling was not conducted at several monitoring wells, based on either the presence of LNAPL or poor well recharge/absence of sufficient water (see Section 3.4).
- Installation of Recovery Wells: Proposed recovery wells RW-13 through RW-15 were not installed based on observations of slow/inefficient removal of LNAPL at existing recovery wells.

3.1.9 CAMP Findings

VOC screening was conducted during all fieldwork activities; no significant VOC readings or exceedances were observed. No dust monitoring was completed for any work conducted inside the building. Data document the absence of any exceedances of dust levels during all intrusive fieldwork for which monitoring was completed. Dust data are presented in Appendix G.

3.2 Soil Vapor Investigation

Soil vapor was collected at 14 on- and off-site locations (9 within the bounds of the IHWDS, 3 off-site within the eastern portion of the building and 2 off-site at the northern side of Clay Street). All soil

vapor sampling locations are shown on Figure 3, Sampling Location Map, Appendix A and a summary of sample collection and submission to the laboratory is provided in Table 14, Appendix B.

3.2.1 Sample Collection Methodology – Soil Vapor

A soil vapor survey was completed to determine the level of VOCs in the soil vadose zone beneath and near the building complex. Soil vapor samples were collected from borings SG-1 through SG-4 on February 2, 2012 (proposed in the RIWP), borings 2SB-2 through 2SB-4, 2SB-6 through 2SB-8 and 2SB-10 on July 31, 2013, and 2SB-16 on December 4, 2013 (proposed in the SRIWP), and from borings 3SB-1 and 3SB-2 on September 22, 2014 (proposed in the TCEWP). The 2SB and 3SB sampling rounds were implemented at the request of NYSDEC in order to delineate elevated levels of TCE initially detected at SG-4 (and subsequently documented in several groundwater monitoring wells). Vapor samples 2SB-7 and 2SB-8 were collected immediately east of the Site boundary (within the building), 2SB-10 was collected off-site at the far northeastern portion of the building near adjoining residential property, 2SB-16 was collected from the northern portion of the Site in close proximity to Clay Street and 3SB-1 and 3SB-2 were collected from the northern sidewalk on Clay Street. Survey points are shown on Figure 3, Sampling Location Map, Appendix A.

Sub-slab soil vapor sampling was conducted from borings that were extended directly through the building slab or sidewalk using mechanized Geoprobe equipment, consistent with the approved Work Plan. The end of the sample tubing (0.188 inch inner diameter Teflon) was attached to an “air stone” filter and inserted through the slab breach to a point approximately 1 to 2 feet above the water table, and the boring was backfilled with clean silica sand.

The top of the bore hole was sealed using a non-VOC containing caulk in order to prevent the infiltration of surface air. The space around the sampling point was enclosed and sealed (with a metal hemisphere and clay) in order to introduce a tracer gas (helium) into the area surrounding the probe point. Helium was introduced into the enclosure and a helium detector (Radiodetection Multi-vapor Leak Locator, model MDG 2002) was utilized to determine when the interior atmosphere reached a concentration of 80% (helium was not used at 2SB-16 due to a tank malfunction). A vacuum pump was then utilized to purge the standing air from the tubing and open the soil interval. At least three borehole and tubing volumes were purged prior to sample collection at a rate of 0.2 liters per minute. Following purging, sub-slab soil vapor samples were collected over a one-hour period using a six-liter stainless steel, laboratory supplied Summa canister with a one-hour calibrated flow controller. For each sampling canister, the pre- and post-sample canister pressure, start and stop times, and location of each sampling point was recorded.

3.2.2 Fieldwork Observations – Soil Vapor

Building slabs observed at the Site generally consisted of 4 to 8 inches of concrete in good condition, which allowed for the proper installation of monitoring points at the planned locations. No significant PID readings, odors or other evidence of contamination were noted during soil vapor sampling.

3.2.3 Laboratory Results – Soil Vapor

All soil vapor samples were analyzed for VOCs (USEPA Method TO-15) and helium. Soil vapor sampling locations and detections of TCE and related compounds are shown on Figure 5 in Appendix

A, soil vapor data are summarized in Tables 1 and 2 in Appendix B and laboratory reports are provided in Appendix J.

TCE and tetrachloroethylene (PCE) were detected at 35,000 µg/m^3 and 830 µg/m^3, respectively, at SG-3 during the first sampling round. The second sampling round documented a peak level of 43,000 µg/m^3 at 2SB-3, and 33,000 µg/m^3 at 2SB-2 (these sampling points are located in close proximity to each other north of SG-3 in the central portion of the building). TCE levels ranged from 5,600 to 14,000 µg/m^3 in samples 2SB-4 and 2SB-6 to 2SB-8. TCE was detected at 1,100 µg/m^3 at 2SB-16 (located near Clay Street). TCE levels at 3SB-1 and 3SB-2 were 6,130 µg/m^3 and 134 µg/m^3, respectively.

Peak levels of 1,1,1-TCA (1,000 µg/m^3 and 430 µg/m^3) were found in soil vapor samples 2SB-7 and 2SB-8, respectively. No significant levels of chlorinated VOCs (cVOCs) were detected in 2SG-10, collected off-site at the eastern portion of the building, near occupied residential properties.

Low levels of multiple compounds (BTEX and other petroleum constituents, solvents, etc.) were detected at all sampling points.

3.2.4 Nature and Extent of Contamination – Soil Vapor

Significant soil vapor contamination is present in a limited portion of the building immediately surrounding and to the north of SG-3, and beneath the northern sidewalk at Clay Street. TCE levels in soil (see Section 3.3) have been documented above UUSCOs (but below RRUSCOs) at the northeastern corner of the Site and at the adjoining northern sidewalk, in the vicinity of elevated TCE vapor levels (cVOCs in soil are below UUSCOs at all other sampling locations). High levels of dissolved TCE have also been detected in groundwater at MW-8, MW-34 and MW-40 (see Section 3.4). Significantly lower levels of dissolved TCE have been detected at the immediately downgradient monitoring wells MW-4, MW-7, MW-21 and MW-39, with only slightly elevated levels detected at several of the more distant downgradient wells (e.g., MW-12, MW-13, MW-29 and MW-32).

These data support the conclusion that the cause of elevated soil vapor levels at the Site may be due to a limited solvent “hot spot” in soil and/or groundwater in the vicinity of the northeastern portion of the Site (peak TCE levels in both soil and groundwater have been identified in the immediate vicinity of MW-8).

Limited sampling data indicate that cVOC impacted vapor is not present at the southwestern corner of the Site, or at the far northeastern corner of the building near adjoining eastern residential properties. Low-levels of other VOCs detected in sub-slab soil vapor throughout the building are consistent with levels typically encountered in urban settings and are likely due to the historical industrial use of this or other nearby sites. These compounds are not present at levels suggesting a threat to indoor air quality.

3.3 Soil Investigation

A total of 61 borings were extended during the soil investigation (57 mechanized borings [24 locations converted to groundwater monitoring] and 4 manual borings), with 86 soil samples collected from 60 locations submitted for laboratory analysis. All boring locations are shown on Figure 3, Sampling

Location Map, Appendix A and a summary of sample collection and submission to the laboratory is provided in Table 14, Appendix B.

Investigation of IHWDS

Soil conditions were investigated in accordance with the Work Plan by advancing borings at the Site, in off-site areas both within the building (including near the area associated with the petroleum spill event) and at sidewalks adjoining and in the vicinity of the Site, and within Greenpoint Playground. Proposed soil borings SB-62 and SB-64 were not extended due to repeated refusal, and SB-70 was not extended due to a lack of physical access. An additional soil boring, SB-60B, was extended immediately south of SB-60 in order to collect extra material from shallower soils. Soil boring 3SB-3 met refusal at 15 feet bsg and was finished by stepping out the location by 2 feet (initial boring labeled 3SB-3A and the proximate deeper boring labeled 3SB-3B). A boring for a potential contingency well, MW-33, to be located at the far western end of Greenpoint Playground, was not installed. Fieldwork observations were recorded, and at least one soil sample was collected, from each boring location (no sample was collected at SB-75/MW-20).

Investigation of NYSDEC Spill Site

Monitoring wells MW-17, MW-18 (proposed boring SB-76) and MW-19 were installed, and borings SB-MW-17, SB-MW-18, SB-77A and SB-78A were extended, in the eastern portion of the building and at the adjoining sidewalk at Clay Street, as part of an approved Work Plan implemented at the NYSDEC spill site. Findings from the spill site investigation have been used to supplement data generated during the investigation at the IHWDS, to the extent that such spill site data contribute to defining the nature and extent of constituents of concern identified at the IHWDS.

3.3.1 Sample Collection Methodology

Mechanized borings were extended using a truck-mounted or track-mounted Geoprobe direct-push corer, or with a hollow-stem, rotary drill using a split-spoon sampler. Borings were generally extended to a maximum depth of approximately 20 feet bsg, into saturated soils (MW-38 to MW-40 and the 3SB soil series were extended to approximately 25 feet bsg, with 3SB-6 extended to 30 feet bsg). Manual borings (2SB-12 through 2SB-15) were extended using a hand-held Geoprobe corer to a depth of 2 feet bsg to screen soils immediately beneath the building slab.

Material was removed directly from the disposable acetate sleeves of the Geoprobe or from the split-spoon sampler of the rotary drill. Samples from mechanically extended borings were collected from the soil/groundwater interface and (as warranted) from the interval exhibiting the most significant field indications of contamination and/or likely to contain sources of contamination (e.g., deeper soils in areas suspected of containing TCE contamination). Samples from manually extended borings were collected from the recovered soil interval (0 to 2 feet bsg). Field personnel wore dedicated disposable gloves and placed samples directly into laboratory-supplied glassware. Samples were maintained at cool temperatures, under proper chain of custody procedures. Prior to and after the collection of each material sample, the sample collection instrument (barrel of Geoprobe or split-spoon sampler) were decontaminated to avoid cross-contamination between samples.

All soil sampling for VOCs was conducted according to USEPA Method 5035 fieldwork protocols, utilizing laboratory sampling kits (disposable plastic syringes and prepared 40-ml glass vials).

3.3.2 Fieldwork Observations

Subsurface soils encountered at mechanized soil borings generally consisted of poorly-graded, variable texture sands (including fill beneath the building slab), with sandy silt, sandy and silty clay, and clay noted in deeper saturated intervals (see Section 2.2.2, boring logs provided in Appendix C and driller's well construction logs provided in Appendix D).

LNAPL was observed at the groundwater interface in the western portion of the Site (SB-60, SB-61, SB-67, SB-68 and SB-71/MW-22) and in off-site locations west and southwest of the Site (SB-72, SB-75/MW-20, MW-25 and MW-26). These findings are generally consistent with observations of LNAPL in monitoring and recovery wells (see Section 3.4). Additional evidence of contamination (unambiguous odors and/or staining) was observed at SB-60B, SB-63/MW-21, SB-66 and SB-73. Positive PID readings were recorded in soils at and near the groundwater interface at the northeastern portion of the Site and at off-site areas to the east and to the north along Clay Street (3SB-3A through 3SB-9, and MW-40). A likely thin layer of petroleum-impacted material was observed at the groundwater interface at MW-39, near abandoned fill ports on Clay Street, associated with a former gasoline station.

No evidence of contamination was observed in borings extended at: SB-65 and SB-69 in the central portion of the Site; SB-74 in the sidewalk to the north at Clay Street; MW-23 and MW-24, MW-27 through MW-32, and MW-36 and MW-37 in off-site sidewalks to the south and west; or in MW-41 and MW-42 in Greenpoint Playground.

Petroleum odors, staining and/or LNAPL was observed in borings at the adjoining spill site in MW-18 and MW-19, located to the northwest and south of the former petroleum USTs. No evidence of contamination was observed at MW-17, located to the north, or at borings SB-77A and SB-78A, located to the west, south of MW-18.

Subsurface soils encountered to 2 feet bsg at manual soil borings consisted of uniform fine to medium texture brown sands (likely fill material). No evidence of contamination was observed at these locations.

Soil boring logs, documenting subsurface conditions and all fieldwork observations, are presented in Appendix C.

3.3.3 Laboratory Results – Soil

Soil samples collected from the "SB" soil series and from monitoring wells MW-21 to MW-32, MW-34 to MW-37, MW-1 and MW-42 were analyzed for full list SVOCs plus TICs utilizing USEPA Method 8270, with the exception of samples from off-site borings SB-72, SB-73 and SB-74 which were analyzed for base-neutrals only. At least half of these samples were analyzed for full list VOCs plus TICs utilizing USEPA Method 8260 and least 10% of the samples were analyzed for TAL metals utilizing USEPA Methods 6010 and 7471. Soil collected from boring series "2SB" and "3SB", and monitoring wells MW-38 to MW-40, which were specifically extended to further define the extent of TCE contamination, were submitted for a more limited list of analytes: VOCs and SVOCs (2SB-1 through 2SB-11) or VOCs only (all remaining borings).

Samples specifically collected as part of the remedial investigation at the adjoining spill site to the east were analyzed for SVOC and/or VOC full list parameters without TICs, or for base-neutral SVOCs (no metals analysis was conducted).

Soil sampling locations and detections of significant compounds in soil are shown on Figures 6 through 8, soil data are summarized in Tables 3 to 9 and laboratory submission of samples is summarized in Table 14, Appendix B, and laboratory reports are provided in Appendix J.

3.3.3.1 Soil Analysis: VOCs

No VOCs were detected in soil at levels above RRUSCOs at any boring location (75 total samples, including 5 samples collected at the spill site). Analyte levels above UUSCOs were detected in 22 boring locations: 1,2,4-trimethylbenzene and/or total xylenes at SB-60B and SB-65; TCE, cis-DCE and/or vinyl chloride (VC) at SB-1/MW-34, 3SB-3A, 3SB-3B, 3SB4, 3SB-5, 3SB-8 and 3SB-9; and acetone and/or methylene chloride at MW-19, SB-60, SB-60B, SB-63, SB-67, SB-71, 2SB-13, 2SB-14, 2SB-15, MW-39 and MW-40.

Soils were generally collected from the surface to 15 to 20 feet, with overall focus on deep soils at or below the groundwater interface and on any overtly impacted materials. Soil from several borings with known or suspected contamination by chlorinated solvents was additionally collected from the 20 to 25 feet interval (3SB-4, 3SB-6 and 3SB-9), the 20 to 30 feet interval (3SB-6, collected as representative deep samples for SB-1/MW-34), or was limited to the 0 to 5 feet interval to screen for the potential location of a surface release (2SB-12 to 2SB-15). Peak VOC levels were observed at soil boring SB-60B (15,000 ppb 1,2,4-trimethylbenzene at 6 to 8 feet) and at 3SB-3A (14,000 ppb TCE at 10 to 15 feet.

TICs were detected in 10 of 44 boring locations, with peak total levels reported in overtly impacted soil at SB-60B and MW-19 (27,200 ppb and 28,891 ppb, respectively). TICs generally appear to be related to petroleum.

VOCs at levels above UUSCOs are shown on Figure 6 and detected levels of TCE (and related compounds) are show on Figure 7, and VOC levels in soil are summarized in Tables 3, 4 and .

3.3.3.2 Soil Analysis: SVOCs

Elevated levels of DEHP (RRUSCO 50,000 ppb, UUSCO not established) were detected in 18 of 46 boring locations, with 5 locations additionally containing elevated levels of di-n-octyl phthalate (DOP, RRUSCO 100,000 ppb, UUSCO not established). Total phthalate levels exceeded 1,000,000 ppb in 11 samples (peak total level of 59,776,000 ppb at MW-22[12-14]). Benzyl butyl phthalate (RRUSCO not established) was detected at 48,300 ppb sample MW-22 (10-11). An elevated level of 2-methylnaphthalene (RRUSCO 410 ppb, UUSCO not established) was detected at the spill site at MW-19. No other significant SVOC levels were detected in soil samples.

TICs were detected in 11 of 27 boring locations, with a peak total level reported in overtly impacted soil at MW-21 (18,629 ppb; sample identified as SB-63[14]).

Phthalates at levels above RRUSCOs are shown on Figure 8, and SVOCs in soil are summarized in Tables 5, 6 and 9.

3.3.3.3 Soil Analysis: Metals

All TAL metals, with exception of mercury and silver, were detected in Site soil samples (14 boring locations). Elevated levels of iron (RRUSCO 2,700 ppm) were detected in all samples submitted for analysis, with levels ranging from 10,200 to 37,800 ppm. No other metals were detected at levels above RRUSCOs at any boring location. Metal levels above UUSCOs were detected in 7 locations, including relatively low levels of chromium, copper, lead, nickel, selenium and/or zinc. Metals in soil are summarized in Table 7.

3.3.4 Nature and Extent of Contamination – Soil

Significant soil contamination (i.e. analyte levels above RRUSCOs) is restricted to elevated levels of DEHP and DOP, encountered in soil located at and near the groundwater interface, in an area delimited by known LNAPL contamination (see Sections 3.2.2 and 3.3), and to contamination by 2-methylnaphthalene in overtly impacted soil at the spill site. Other than these areas, no SVOCs were identified at levels exceeding UUSCOs.

The total on-site volume of phthalate contaminated soils is estimated at 7,900 cubic yards. This estimate is calculated based on the lateral extent of free product (documented by LNAPL observed in soil and in monitoring/recovery wells) and assumes a uniform potential smear zone of four feet (the area directly impacted by the static height of LNAPL in the soil column, with allowance made for movement of the top and bottom of the LNAPL lens as groundwater elevations change over time. This estimate is considered to be highly conservative, given that product thickness as measured in wells are generally greater than actual thicknesses in the soil formation. Additional phthalate contaminated soil is present off-site.

Levels of iron in soil above RRUSCOs appear to be indicative of background conditions and are not likely to represent a significant environmental concern.

TCE and related compounds, as well as other VOCs documented in overtly impacted soils, are present at levels below RRUSCOs, but are a potential ongoing source of soil vapor contamination. Existing data suggest the presence of a limited solvent hot spot in soil (and/or groundwater) in the northeastern corner of the Site and off-site, particularly in the vicinity of at MW-8. No estimate of the volume of TCE-contaminated soil can be provided at this time.

Petroleum compounds released at the adjoining spill site to the east have not significantly impacted Site soils. Similarly, with the exception of phthalates associated with LNAPL contamination, contamination by organic and inorganic compounds has not significantly impacted soils beneath off-site sidewalks to the south, west and north, or in Greenpoint Playground.

The total on-site volume of petroleum contaminated soil is estimated at 800 cubic yards (excluding the volumes occupied by USTs that have been closed-in-place).

3.4 Groundwater Investigation

A total of 45 groundwater samples from 30 on- and off-site monitoring wells (8 pre-existing wells and 22 of 25 wells installed by ESI) were submitted for laboratory analysis. Several newly installed wells at the southwestern margin of the phthalate plume (MW-20, MW-25 and MW-26) were not sampled for groundwater based on the presence of LNAPL. All groundwater sampling locations are shown on

Figure 3, Sampling Location Map, Appendix A and a summary of sample collection and submission to the laboratory is provided in Table 14, Appendix B.

Investigation of IHWDS

A total of 22 new groundwater monitoring wells were installed at both the Site and in off-site areas in accordance with the Work Plan and subsequent NYSDEC communications. The RIWP called for completion of borings SB-75, SB-63, and SB-71 as groundwater monitoring wells (MW-20, MW-21 and MW-22), and the redevelopment of 8 existing monitoring wells (MW-4, MW-6, MW-7, MW-12, MW-13, MW-14, MW-15 and MW-16). An additional 3 wells were installed on- and off-site within the building in the vicinity of TCE contamination in soil vapor (MW-34, MW-35 and MW-40) and 16 additional monitoring wells were installed at exterior off-site locations (MW-23 through MW-32, and MW-36 and MW-37 in sidewalks to the southwest and west, MW-38 and MW-39 in the sidewalk north of Clay Street, and MW-41 and MW-42 within Greenpoint Playground).

Groundwater quality was investigated through the gauging and sampling of both the newly installed wells and selected wells from the pre-existing monitoring-well network (comparative data generated from well sampling conducted by ESI in 2010, prior to the approval of the Work Plan, has been included in the data tables).

Investigation of NYSDEC Spill Site

A total of 3 new monitoring wells (MW-17 through MW-19) were installed in the eastern portion of the building as part of the approved Work Plan implemented at the NYSDEC spill site. Findings from the spill site investigation have been used to supplement data generated during the investigation at the IHWDS.

3.4.1 Monitoring Well Installation

Monitoring wells MW-17 through MW-29 were installed by Soil Testing, MW-30 through MW-32, MW-34 and MW-35, and MW-38 through MW-40 were installed by Zebra, MW-36 and MW-37 were installed by HPI, and MW-41 and MW-42 were installed by AES. All fieldwork was conducted under the direct supervision of ESI field personnel. Monitoring well locations are illustrated on Figure 12, Direction of Groundwater Flow, Appendix A.

Each monitoring well was constructed of two-inch PVC casing with 10 feet of 0.01-inch slotted PVC well screening placed to extend 2 feet above the water table (monitoring wells MW-38 through MW-40 utilized 15 feet of well screen from 5 to 20 feet bsg). All wells points were set at approximately 20 feet bsg. The annular spaces between well screens and boreholes were backfilled with clean #1 silica sand to a depth of 1 to 2 feet above the well screen (monitoring wells MW-30 through MW-32, and MW-34 and MW-35 installed by Zebra utilized well screen “pre-packed” with sand). A one-foot thick bentonite seal was poured down the borehole above the sand pack and allowed to hydrate before grouting the remaining annular space with cement. All wells are equipped with a gripper casing cap and are secured with a drive over steel casing (with the exception of MW-34 and MW-35, which are stick-up wells within the building). Soil boring logs are presented in Appendix C and driller’s monitoring well construction logs are presented in Appendix D.

3.4.2 Monitoring Well Development

Wells were developed to enhance the natural hydraulic connection between the well screen and the surrounding soils. Well casings were first screened with a PID to document the presence of any volatile organic vapors. A submersible pump and dedicated polyethylene tubing were then used to clear fine-grained material that may have settled around the well screen and at the base of the well. Well development began at the top of the water column to prevent clogging of the pump by excessive sediment. The pump body acted as a surge-block by being raised and lowered within portions of the screened interval to force water back and forth through the screen. Repeated surging and pumping was conducted to the bottom of the well casing until the discharged water appeared free of sediment and indicator parameters (pH, temperature, turbidity, dissolved oxygen and specific conductivity) had stabilized. The pump assembly was removed from the well while the pump was still running to avoid discharge of purged water back into the well. Between wells, all non-dedicated equipment was decontaminated.

Newly installed monitoring wells MW-20, MW-21, MW-25 and MW-26, and pre-existing monitoring wells MW-4, MW-6, 7, 15, 16 were noted to contain LNAPL and were not developed. Previously existing monitoring wells MW-12 and MW-14 were dry during well sampling conducted in 2012.

3.4.3 Groundwater Flow and Tidal Influences

Groundwater flow was calculated using measurements collected in March 2014 from 7 of 35 monitoring wells, all of which did not have LNAPL. The general direction of groundwater flow was determined based on elevations of static groundwater using an electronic depth meter accurate to the nearest 0.01-foot (measured prior to any sample collection). Groundwater depth from the top of the well casing, as recorded during the March 2014 gauging event, ranged from between 6.94 (MW-13) and 10.69 feet (MW-29) bsg. These raw measurements were compared to existing well survey data to generate current groundwater elevation contours. Direction of groundwater flow was determined to be in a westerly direction, consistent with previous observations, which show general groundwater flow from east to west, toward the nearby East River and Newtown Creek. The rate of groundwater flow was not determined. Direction of groundwater flow is illustrated on Figure 12, Appendix A.

An assessment of tidal influences from the East River was completed using electronic level loggers installed in monitoring wells MW-1, MW-2, MW-3, MW-12, MW-13, and MW-14 on Friday February 12, 2010 (these wells were chosen based on an absence of LNAPL, as indicated in ASR reports). The level loggers were recovered on Monday February 15, 2010, providing data for approximately 72 hours.

Recording data indicated a rise and fall in groundwater elevation in all wells over the 72 hour testing period; however, a repeating pattern of groundwater rising and falling over approximately 12 hours cycles (indicating tidal influence) was evident only in MW-12 and MW-13, which are located on the western side of Commercial Street and are closest to the confluence of Newtown Creek and the East River. MW-14, the next closest well to the on-site building, and MW-1, MW-2, and MW-3, located off-site in the eastern portion of the building, did not have repeating water level patterns, indicating minimal or no tidal influence. Tidal assessment data are presented in the Interim Investigation Report, provided in Appendix E.

3.4.4 LNAPL in Monitoring wells

Previous environmental investigations by ASR and ESI documented the presence of LNAPL in on-site monitoring and recovery wells, and in multiple off-site monitoring wells located in sidewalks immediately adjacent to the on-site building. LNAPL at MW-4 was identified as a mixture of phthalates, and LNAPL at RW-12 was identified as a mixture of phthalates and a high boiling point petroleum based oil. LNAPL at off-site monitoring well MW-20 was identified during the RI as DEHP. The source of this material is likely to have been failing USTs formerly containing plasticizers and lubricating oil, rather than the former piping network (significant phthalate contamination is not present in surface soil). The areal extent of LNAPL contamination is shown on Figure 13, Appendix A, and laboratory reports identifying LNAPL constituents are provided in Appendix H.

A total of 22 new monitoring wells (5 interior and 17 exterior) were installed by ESI during the implementation of the Work Plan, with an additional 3 new wells (1 interior and 2 exterior) installed at the spill site. LNAPL has been observed in 5 of these new wells (interior wells MW-21 and MW-22, and exterior wells MW-20, MW-25 and MW-26).

Monthly gauging events conducted during the RI and the ongoing IRM document a LNAPL plume beneath approximately 80% of the defined footprint of the IHWDS, which extends off-site to the southwest, with free product observed at the northwestern and southeastern corners of Dupont and Franklin Streets. Historical gauging data for LNAPL (the 25 most recent fieldwork events) are presented in Table 15, Appendix B.

The lateral extent of contamination is defined by an absence of LNAPL at additional wells installed: along the perimeter and within Greenpoint Playground to the west (MW-30 to MW-32, MW-41 and MW-42); at the southwestern corner of Dupont and Franklin Streets (MW-24, MW-36 and MW-37) and farther along the roadways (MW-23 and MW-27 to MW-29); along Clay Street to the north (MW-38 and MW-39) and east (MW-17 and MW-18); and within the building in the northeastern quadrant of the IHWDS (MW-34 and MW-35) and off-site to the east at MW-19 and MW-40.

The total volume of free product at this Site is estimated at 32,900 gallons on-site and an additional 9,000 gallons off-site, with an expressed error range of 50%. This estimate is calculated from the relative apparent thicknesses of product at all wells with meaningful product thicknesses, assuming consistent thicknesses in areas between data points and assuming linear reductions beyond data points. Boring logs generally demonstrate variable texture sand above the static water levels (that is, in the stratum where floating product is present) and therefore a co-efficient of 0.35 is used to represent available space for product within the soil column.

It is recognized that gauging data represent the apparent thicknesses of LNAPL measured in wells of varying diameters and over periods of time during which the water table fluctuated. As result of capillary forces and other processes operating within wells, particularly under changing water table conditions, the apparent thickness of LNAPL in wells is generally greater than the actual thickness in the formation. Therefore, LNAPL volume estimates made using well gauging data tend to overestimate the actual volume of LNAPL in the formation.

3.4.5 Sample Collection Methodology

Groundwater samples were collected in February 2010 (prior to implementation of the Work Plan), March, April, and September 2012, August and November 2013, and in April, October and December 2014. Monitoring wells MW-20, MW-21, MW-25 and MW-26, and pre-existing monitoring wells MW-4, MW-6, 7, 15 and 16 were not sampled during fieldwork conducted prior to November 2013 based on the presence of LNAPL within the casing. Monitoring wells MW-12 and MW-14 were found to be dry during the 2012 groundwater quality sampling event. A total of 45 water samples (excluding duplicates) were collected.

Prior to sampling, each monitoring well casing was opened and the well column was immediately screened with a PID to document the presence of any volatile organic vapors. All wells were purged and sampled following USEPA low stress ("low flow") purging and sampling procedures. All sampling was conducted using a Horiba® U-52 multi-parameter water quality meter, dedicated plastic tubing and a peristaltic pump.

Sample collection occurred after wells were purged for at least 15 minutes and field parameters stabilized (achieved when three consecutive readings were within the required parameters specified by the USEPA protocol). Each groundwater sample was collected in laboratory supplied glassware (40 ml vials, 1 liter amber jars and 250 ml plastic jars, preserved with acid as appropriate for the specific analysis). No groundwater samples were filtered prior to submission to the laboratory. After sample collection, the containers were placed in a cooler prior to laboratory pick-up. All samples were accompanied by proper chain of custody documentation.

Sample collection methodology at monitoring wells MW-4 and MW-21 was modified during the November 2013 and April 2014 sampling events (delineation of TCE contamination) in an attempt to collect groundwater from beneath the LNAPL layer. The wells were gauged prior to sampling to determine the heights of both the water column and the LNAPL layer. Based on these data points, a 1 inch diameter PVC pipe of an appropriate length, with a tethered, friction-fitted cap at the bottom, was lowered into each well and the cap was knocked loose with a stiff rod after the invert of the pipe was within the calculated water column. Although the procedure failed in November 2013 (LNAPL was drawn into the sampling tubing), samples were successfully collected for VOC analysis in April 2014. This successful procedure was repeated at LNAPL-impacted monitoring wells MW-7 and MW-22 during the October 2014 sampling event (follow-up TCE investigation).

3.4.6 Laboratory Results – Groundwater

Samples were analyzed for VOCs (USEPA Method 8260), SVOCs (USEPA Method 8270), and/or TAL metals (USEPA Methods 6010) in accordance with the Work Plan. Laboratory results for groundwater are summarized in Tables 10 to 13 and laboratory submission of samples is summarized in Table 14, Appendix B, and laboratory reports are provided in Appendix J.

3.4.6.1 Water Analysis: VOCs

Significantly elevated levels of TCE (AWQS 5 µg/L) and cis-DCE (AWQS 5 µg/L) were detected at MW-8 (peak values 33,000 µg/L and 2,700 µg/L, respectively), MW-40 (7,400 µg/L and 530 µg/L, respectively), MW-34 (peak values 3,000 µg/L and 740 µg/L, respectively), MW-39 (210 µg/L and 33 µg/L, respectively) and MW-35 (160 µg/L and 61 µg/L, respectively). Elevated levels of vinyl chloride

(AWQS 2 µg/L) were detected at MW-8 (16 µg/L), MW- 34 (12 µg/L), MW-12 (8.5 µg/L) and MW-35 (2.9 µg/L). Low-level exceedances of TCE were detected in MW-13 (15 µg/L), MW-17 (7 µg/L), MW-18 (16 µg/L), MW-38 (47 µg/L), and MW-29 (13 µg/L) and a single low-level exceedance of PCE (AWQS 5 µg/L) was detected in MW-8.

TCE and related compounds were detected at levels below AWQS at MW-4, MW-7, MW-10, MW-14, MW-17, MW-19, MW-21 and MW-23.

Several petroleum compounds were detected below AWQS in MW-3, MW-18, MW-19 and MW-29.

An elevated estimated level of acetone (AWQS 50 µg/L) was detected at MW-8 (420 µg/L) in April 2014 (this sample was noted to contain the analyte in the method blank, indicating possible cross-contamination, and acetone was non-detect in the well during the October 2014 sampling event). No other significant acetone levels were noted. Marginal exceedances of methylene chloride (AWQS 5 µg/L) were reported for multiple monitoring wells; this compound, however, is a common laboratory contaminant which was also found in the method blanks, and is not considered representative of actual site conditions.

TICs were detected in 6 of 25 groundwater samples. Total TICs were reported at spill site wells MW-10 and MW-18 at 59 and 110 µg/L, respectively, and at MW-21 and MW-22 (installed within the LNAPL plume) at 6,624 µg/L and 69 µg/L, respectively. Total TIC levels at MW-19, MW-23 and MW-35 were below 7 µg/L.

TCE and related compounds in groundwater are shown on Figure 9 and TCE isoconcentrations in groundwater are shown on Figure 10, and VOC levels in groundwater are summarized in Tables 10 and 13.

3.4.6.2 Water Analysis: SVOCs

Elevated levels of DEHP (AWQS 5 µg/L) were detected at MW-22 (1,750 µg/L), MW-29 (209 µg/L), MW-34 (59 µg/L), MW-19 (39.6 µg/L), and at MW-3, MW-17, MW-23 and MW-27 at levels below 13 µg/L. An elevated level of DOP (87.1 µg/L, AWQS 50 µg/L) was detected at MW-34 in November 2013 (DOP was detected in this well at 6.51 µg/L in August 2013). No other SVOCs were detected in any groundwater samples.

TICs were detected in 3 of 16 groundwater samples. Total TICs were reported at spill site wells MW-18 and MW-19 at 32 and 6 µg/L, respectively, and at off-site well MW-42 at 4.96 µg/L.

Levels of phthalates in groundwater are shown on Figure 11, and SVOC levels in groundwater are summarized in Tables 11 and 13.

3.4.6.3 Water Analysis: Metals

Elevated levels of several TAL metals were detected: sodium (34.9 to 311 µg/L, AWQS 20 µg/L) in all 16 samples; iron (0.899 to 9.38 µg/L, AWQS 0.3 µg/L) in 9 samples; and, magnesium (39.4 to 80.1 µg/L, AWQS 0.02 µg/L) in 5 samples. No other TAL metals were reported at levels above AWQS (antimony, arsenic, beryllium, cadmium, mercury, silver, thallium and vanadium were non-detect in all samples). Metals in groundwater are summarized in Table 12.

3.4.6.4 Quality Control Samples (Blanks)

An elevated level of DEHP (849 µg/L) was detected in the rinse blank sample collected on February 2, 2012 (no other SVOCs or TICs were identified). No VOCs or significant metal levels were detected. No SVOCs were detected in the rinse blank collected on March 16, 2012. A low level of 4-methyl-2-pentanone (2 µg/L) and multiple TICs were detected in the trip blank prepared April 3, 2014. Low levels of acetone and methylene chloride were detected in several blanks; with the exception of acetone detected at 7 µg/L in the trip blank prepared August 16, 2013, however, all results are flagged to indicate that the analyte was also detected in the laboratory batch sample, indicating contamination during analysis.

3.4.7 Nature and Extent of Contamination – Groundwater

VOCs

Groundwater sampling in 2013 and 2014 documented peak levels of TCE (33,000 µg/L) and DCE (2,700 µg/L) at MW-8, with levels decreasing by an order of magnitude at MW-40 (7,400 µg/L and 530 µg/L) and MW-34 (3,000 µg/L and 740 µg/L), and by two orders of magnitude at MW-35 and MW-39 (peak values of 210 µg/L and 61 µg/L). TCE levels in nearby cross-gradient well MW-38 is similarly low (47 µg/L). Low-grade contamination (16 µg/L or less) is documented at peripheral wells MW-12, MW-13, MW-18 and MW-29. No significant TCE contamination was found in any other wells, including MW-3, MW-10 and MW-19 located at the eastern portion of the building (older data from 2012 documented low-level exceedances at MW-17 [7 µg/L]).

The steep reduction in TCE and DCE levels in monitoring wells located at the periphery of the northeastern quadrant of the Site suggests that the source area of the contamination is limited. The consistency of data across media suggest the presence of a release of cVOCs in the immediate vicinity of MW-8 and MW-34, affecting the integrity of the soil, groundwater and soil vapor.

No significant levels of other VOCs have been detected in groundwater. Trace to low-level petroleum compounds may be related to either the adjoining spill or poor water quality generally present in the surrounding industrial area.

SVOCs

Groundwater contamination by SVOCs is limited to phthalates (DEHP and DOP). Elevated levels of DEHP were detected in 3 of 12 wells sampled in 2013 and 2014, and 7 of 10 wells sampled in 2012. An elevated level of DOP was detected in one well in 2013. The peak DEHP level was detected at MW-22, collected prior to LNAPL entering the well casing (likely due to phthalates adhering to fines suspended in the groundwater). No other SVOCs have been detected in groundwater samples (low levels of TICs were found at MW-18 and MW-19 at the spill site).

Metals

Groundwater contamination by metals is limited to iron, magnesium and sodium. These findings are likely to be associated with suspended soil particles (samples were unfiltered) and/or may represent dissolved levels found in local area groundwater. The absence of significant heavy metal contamination supports the conclusion that previous industrial activities at the Site have not significantly impacted groundwater quality in relation to inorganic compounds.

3.5 Data Generation and Validation

Complete laboratory data packages (ASP Category B Deliverables, 25 separate reports), containing all laboratory data generated during execution of the Work Plan, were provided by the laboratories. (Several of the reports include soil and groundwater quality data generated during investigation at the spill site in February and March, 2012). These data packages were provided to independent, third-party data validators as specified in the Work Plan.

All data for detected analyte levels in soil, soil vapor and groundwater samples were usable and suited for analysis (with qualifications for several analytes). Laboratory data indicating "non-detect" levels were rejected for a minimal number of samples. A summary overview of the findings, and all Data Usability Summary Reports (DUSRs) provided by the validators, are provided in Appendix I.

3.6 Qualitative Human Health Exposure Assessment

An exposure assessment was conducted to qualitatively assess the potential impacts of known environmental contaminants associated with the Site on human health, with attention to all possible exposure pathways (i.e. ingestion, inhalation and direct contact). Both current (existing conditions) and future use (proposed restricted-residential or mixed restricted-residential/commercial use) scenarios were considered. Contaminants were assessed relative to specific impacted media.

The primary contaminants of concern at the Site are phthalates (DEHP and DOP) in subsurface soils and groundwater (and as LNAPL in both media), cVOCs in soil, soil vapor and groundwater, and low-grade petroleum VOCs in soil vapor. No significant metals contamination, or other significant contamination by VOCs or SVOCs, is present at the Site. On-site workers (or trespassers) present during remediation and/or future development activities are the most likely receptor population.

The following section evaluates the elements associated with exposure pathways, and describes how each of these elements pertains to the Site. For all media, the implementation of a HASP and a CAMP will mitigate possible impacts to both on-site and off-site receptor populations. Any on-site or off-site development activities that involve disturbance, exposure or contact with contaminated soil, soil vapor or groundwater will require monitoring and mitigation plans to address potential direct contact with media, dust generation and contaminant migration.

3.6.1 Soil

Direct contact, ingestion and/or inhalation (of particulate matter) are the primary exposure pathways for contaminated subsurface soils. People can come into contact if they participate in ground-intrusive work at the Site or at off-site areas impacted by the LNAPL plume, or are exposed to dust generated during construction activities, which disturb contaminated soil. Within excavation areas, the potential for contact is generally a concern for work conducted at depths approaching the seasonally high local groundwater elevation (approximately 7 to 12 feet bsg), and for soils located several feet above the water table in areas where LNAPL is present. Outside of excavation activities, there are no likely exposures to contaminated soil, either on the Site or at off-site areas.

The potential exists for low-level contamination to remain at both on-site and off-site areas after remediation and development activities. All potential exposure pathways (direct contact, ingestion or

inhalation) will likely be mitigated as subsurface soils would have been remediated and/or access to subsurface soils would be limited by paved areas and building foundations.

3.6.2 Soil Vapor

Potential exposure pathways include vapor intrusion within the structure (IHWDS and eastern interior off-site areas) and at off-site properties, and direct contact and/or inhalation of contaminated soil vapor generated during soil excavation or remedial construction. Exposure pathways within the building are likely to be insignificant, unless the building is reoccupied prior to remediation and development. A CAMP would be implemented at the Site (and, as required, at off-site areas) to monitor air quality and minimize potential exposures to vapors for both construction works and the public.

The potential for on-site and off-site exposure to soil vapor is expected to decrease after subsurface soils and groundwater have been remediated. Post-remediation sampling results will document contaminant levels in remaining media and will determine the need for any on-site and off-site vapor intrusion studies, and the need for any on-site engineering controls or building design features (e.g., sub-slab depressurization system or a fully ventilated ground floor garage) to mitigate soil vapor intrusion.

3.6.3 Groundwater

Direct contact and/or ingestion are the primary exposure pathways for contaminated groundwater. Impacted groundwater is not being used for drinking water (or any other purposes) at the Site or at off-site areas, as the area is served by the public water supply. No known private wells exist in the vicinity of the Site. People can come into contact if they participate in ground-intrusive work at the Site or at off-site areas impacted by the LNAPL plume or other site-related contamination. The potential for contact is generally a concern for work conducted at depths approaching the seasonally high local groundwater elevation (approximately 7 to 12 feet bsg), and for soils located several feet above the water table in areas where LNAPL is present. Levels of dissolved contaminants in groundwater downgradient of the Site are anticipated to diminish as a result of Site remediation.

4.0 FINDINGS AND CONCLUSIONS

This office has completed the environmental investigative services summarized in Section 3.0 for the Former NuHart Plastic Manufacturing Site, located at 280 Franklin Street, Brooklyn, New York. The investigative work was performed to document the extent of known contamination resulting from former manufacturing and industrial uses of the property, in accordance with a NYSDEC approved Work Plan, and to provide guidance on response actions warranted to address identified environmental conditions.

4.1 Findings

Phase I and Phase II environmental site assessment investigations of the NuHart facility, issued prior to inclusion in the IHWDS program, indicate that the Site has a long history of industrial use, including production of plastic and vinyl products. Underground storage tanks (USTs) formerly containing plasticizers, lubricating oil, chemicals and fuel oil were closed-in-place in 2006. Subsequent soil and groundwater investigations identified petroleum contamination in the vicinity of former fuel oil tanks at the northeastern portion of the building (NYSDEC spill site) and phthalate impacts at the western portion of the building (IHWD Site).

Phthalates were observed as LNAPL in groundwater wells, and elevated levels of phthalates were detected in soil and groundwater samples. Phthalates were generally detected in deep soil near the groundwater interface. No significant levels (above RRUSCOs) of other SVOCs, VOCs, metals, PCBs or pesticides were detected in soil samples.

LNAPL was identified as mixed phthalates at the central-eastern portion of the Site (MW-4), phthalates and paraffinic petroleum-based oil at the western portion (RW-12), and phthalates (DEHP) at an off-site monitoring well on Dupont Street (MW-20). Well gauging data (conducted monthly at both on-site and off-site wells) document a LNAPL plume extending beneath the western and central portions of the Site and beneath off-site sidewalk areas located along Dupont, Franklin and Clay Streets.

Elevated levels of phthalates and TCE, and low-level exceedances of petroleum-related VOCs, were detected in groundwater monitoring wells. Significant TCE contamination is restricted to the northeastern corner of the Site (MW-34 and MW-35) and immediately adjoining off-site areas to the north (MW-8) and east (MW-40). Elevated levels of TCE in soil vapor, and TCE at concentrations above UUSCOs (but below RRUSCOs) in soil, are generally collocated with impacted groundwater, suggesting the presence of a limited solvent “hot spot” in soil and/or groundwater.

With the exception of phthalates associated with LNAPL impacts, contamination by organic and inorganic compounds has not significantly impacted soils beneath off-site sidewalks to the north and south, or at downgradient areas to the west.

Environmental investigations conducted by ESI under the Work Plan document the following areas of concern:

1: NAPL in Soil and Groundwater

Phthalates and a mixture of phthalates/mineral oil are present as a LNAPL plume underlying the majority of the IHWDS and extending off-site to the southwest. The lateral extent of off-site contamination is defined by an absence of LNAPL at wells installed within and along the perimeter of the adjoining Greenpoint Playground to the west and at additional locations along Commercial, Franklin and Dupont Streets. Soil contamination above RRUSCOs is restricted to elevated levels of phthalates (DEHP and DOP), encountered in soil located at and near the groundwater interface, in an area delimited by known LNAPL contamination.

2: Dissolved Organic Compounds in Groundwater

Groundwater sampled in monitoring wells near the LNAPL plume is correspondingly contaminated by phthalates, possibly by suspended particles in the water column. Groundwater at the northeastern portion of the Site (MW-34) and at immediately adjoining off-site areas to the north (MW-8) and east (MW-40) contains significant cVOC contamination. Groundwater at nearby cross-gradient and/or downgradient wells (MW-35 and MW-39) are similarly contaminated, but analytes are present at significantly lower levels (by one or two orders of magnitude). An absence of significant cVOC levels at MW-4, MW-7 and MW-21 (wells immediately downgradient of the wells demonstrating the greatest impacts), and in MW-3, MW-10 and MW-19 (located in the eastern portion of the building), support the conclusion that TCE contamination is limited. Low-grade contamination (16 µg/L or less) is documented at peripheral wells MW-12, MW-13, MW-17, MW-18, MW-29 and MW-32. Petroleum-related VOCs have been detected at levels marginally above AWQS.

3: Soil Contamination (TCE)

TCE is present in soil above UUSCOs (but below RRUSCOs) in the vicinity of elevated levels in soil vapor and groundwater at the northeastern quadrant of the Site and in adjoining off-site areas, suggesting the presence of a limited TCE source area in soil.

4: Soil Vapor Contamination

Elevated levels of TCE and related cVOCs were detected in soil vapor collected at the northeastern and eastern-central portions of the Site, in the vicinity of TCE impacted soil and groundwater, and at nearby off-site locations to the east (within the building) and to the north on Clay Street (northward migration of soil vapor may be impacting commercial buildings in this area). Limited sampling data indicate that impacted vapor is not present at the southwestern corner of the Site, or at the far northeastern corner of the building near adjoining eastern residential properties.

5: Petroleum Contamination

Petroleum compounds released at the adjoining spill site to the east have not significantly impacted Site soils.

4.2 Conclusions

Site investigative work has been completed on IHWD Site #224136, including substantial work demonstrating the extent of contamination both on and off the Site. Soil, soil vapor, and groundwater investigations have been completed, with supplemental work completed in product identification and groundwater flow.

Based on this work, the following general conclusions are reached:

- Sufficient investigative work has been completed on the spatial dimensions of soil and groundwater (including free-product) contamination associated with phthalates and TCE. Additional work is warranted to identify and evaluate remedial options both on and off the Site and to remediate on-site soils that are considered source areas.
- Sufficient investigative work has been completed with respect to known petroleum contamination in soil, as well as the limited area of free-product petroleum. Additional work is warranted to identify and evaluate remedial options to address these known conditions
- Limited investigative work has been completed with respect to soil vapor concerns on and off the Site. An area of elevated cVOCs is present, in the general location of impacted soil and groundwater. Response actions to address cVOCs in other media (soil and groundwater) are expected to substantially reduce soil vapor levels. Additional documentation of soil vapor conditions, both on- and off-site, is warranted following construction to document the effectiveness of the remedial action.
- Sufficient investigative work has been completed with respect to metals, PCBs and pesticides in on-site soils and groundwater. None of these compounds were determined to be constituents of concern at this Site.

APPENDIX A

Figures

OVERVIEW



All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Figure 1: Site Location Map

280 Franklin Street
Borough of Brooklyn
Kings County, New York

Legend:

- IHWD site boundary
- former NuHart Plastics Manufacturing Site

ESI File: SB09110.50

July 2015

Appendix A



Figure 2: Area Land Uses

280 Franklin Street
Borough of Brooklyn
Kings County, New York

Legend:

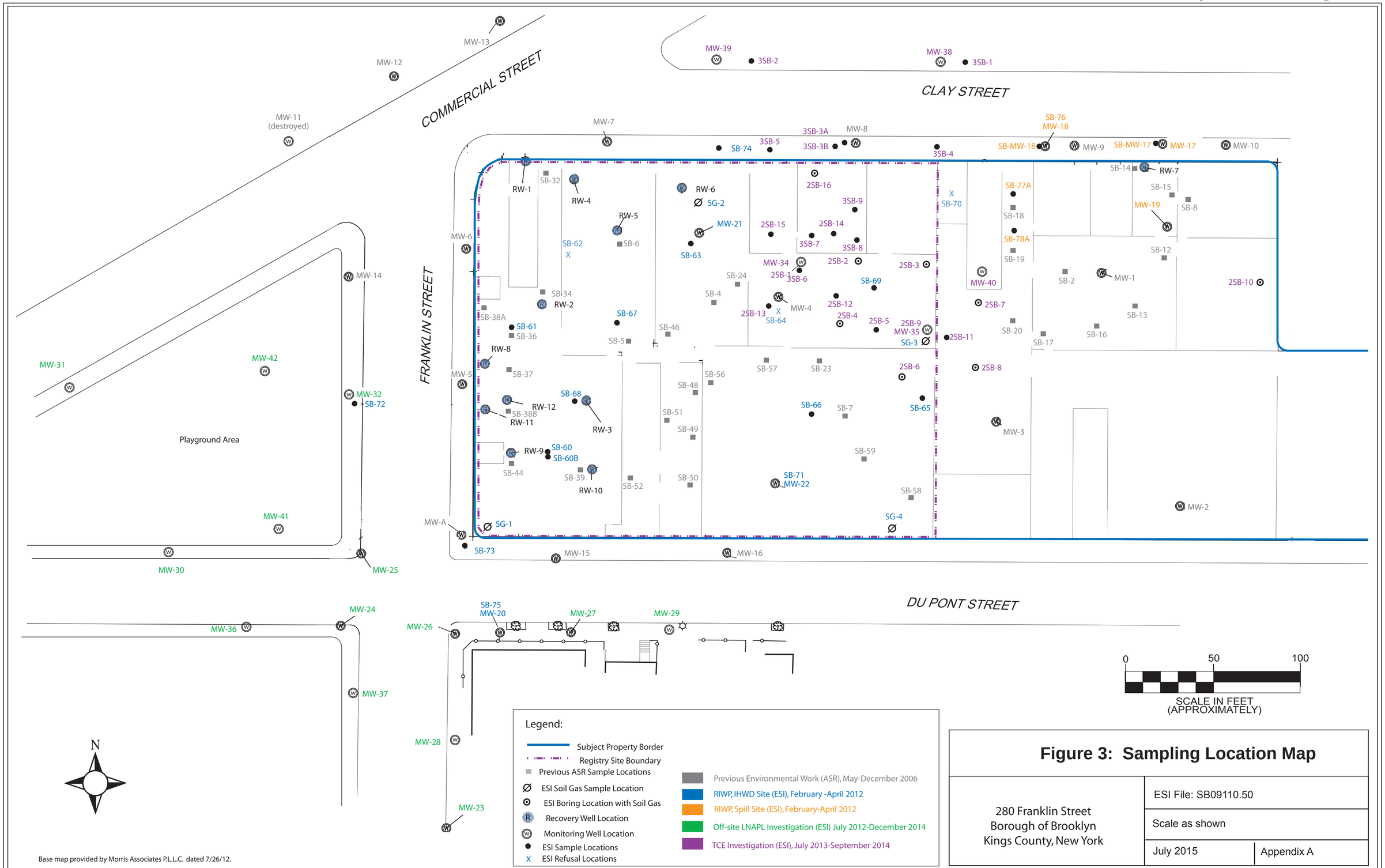
- IHWD site boundary
- former NuHart Plastics Manufacturing Site

ESI File: SB09110.50

July 2015

Appendix A

Ecosystems Strategies, Inc.



Legend:

- Subject Property Border
- Registry Site Boundary
- Previous ASR Sample Locations
- ESI Soil Gas Sample Location
- ESI Boring Location with Soil Gas
- Recovery Well Location
- Monitoring Well Location
- ESI Sample Locations
- ESI Refusal Locations

- Previous Environmental Work (ASR), May-December 2006
- RIWP, IHWD Site (ESI), February -April 2012
- RIWP, Spill Site (ESI), February-April 2012
- Off-site LNAPL Investigation (ESI) July 2012-December 2014
- TCE Investigation (ESI), July 2013-September 2014

Base map provided by Morris Associates P.L.L.C. dated 7/26/12.

Figure 3: Sampling Location Map

280 Franklin Street
Borough of Brooklyn
Kings County, New York

ESI File: SB09110.50

Scale as shown

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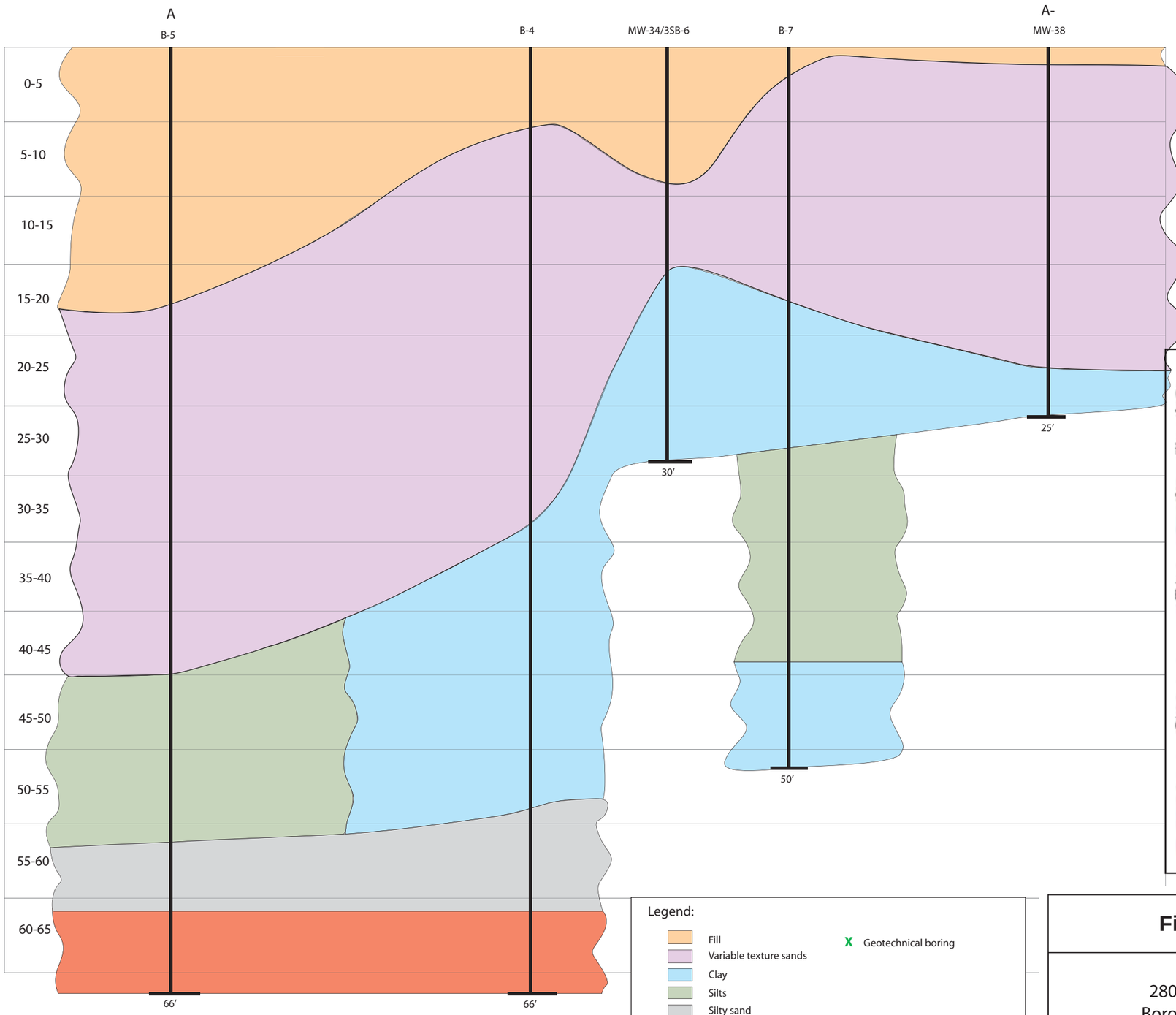

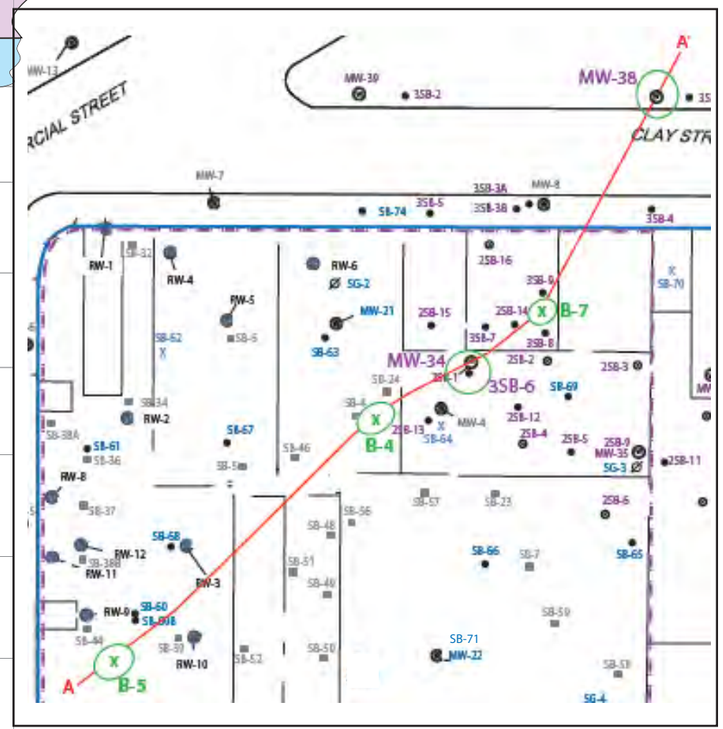

Legend:

- Fill
- Variable texture sands
- Clay
- Silts
- Silty sand
- Bedrock (gneiss)
- X Geotechnical boring

All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Figure 4: Geological Cross Section

280 Franklin Street
Borough of Brooklyn
Kings County, New York

ESI File: SB09110.50

Not to scale

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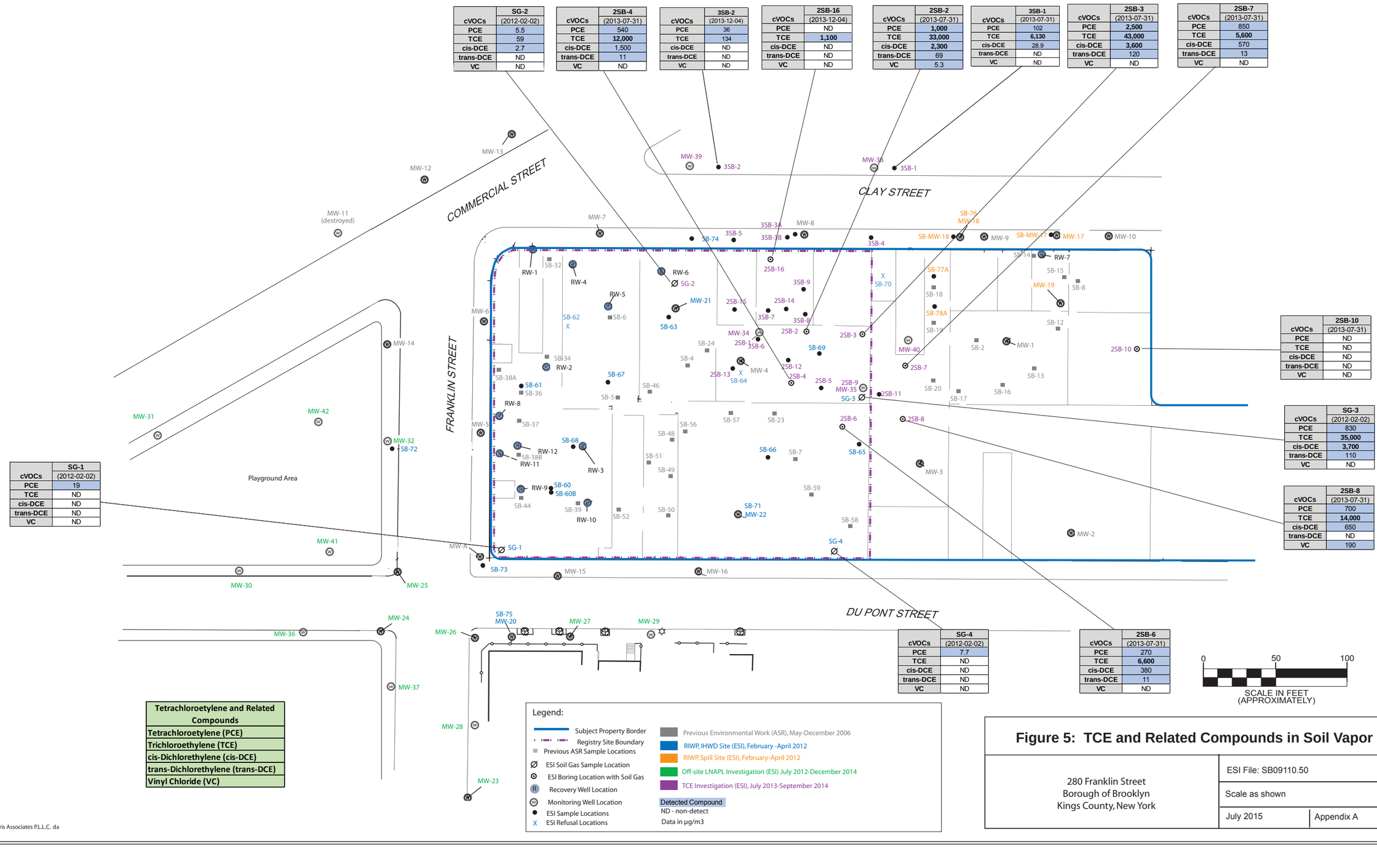
Ecosystems Strategies, Inc.



	SG-2
cVOCs	(2012-02-02)
PCE	5.5
TCE	59
cis-DCE	2.7
trans-DCE	ND
VC	ND

	2SB-4
cVOCs	(2013-07-31)
PCE	540
TCE	**12,000**
cis-DCE	1,500
trans-DCE	11
VC	ND

	3SB-2
cVOCs	(2013-12-04)
PCE	36
TCE	134
cis-DCE	ND
trans-DCE	ND
VC	ND

	2SB-16
cVOCs	(2013-12-04)
PCE	ND
TCE	**1,100**
cis-DCE	ND
trans-DCE	ND
VC	ND

	2SB-2
cVOCs	(2013-07-31)
PCE	**1,000**
TCE	**33,000**
cis-DCE	**2,300**
trans-DCE	69
VC	5.3

	3SB-1
cVOCs	(2013-07-31)
PCE	102
TCE	**6,130**
cis-DCE	28.9
trans-DCE	ND
VC	ND

	2SB-3
cVOCs	(2013-07-31)
PCE	**2,500**
TCE	**43,000**
cis-DCE	**3,600**
trans-DCE	120
VC	ND

	2SB-7
cVOCs	(2013-07-31)
PCE	850
TCE	**5,600**
cis-DCE	570
trans-DCE	13
VC	ND

	2SB-10
cVOCs	(2013-07-31)
PCE	ND
TCE	ND
cis-DCE	ND
trans-DCE	ND
VC	ND

	SG-3
cVOCs	(2012-02-02)
PCE	830
TCE	**35,000**
cis-DCE	**3,700**
trans-DCE	110
VC	ND

	2SB-8
cVOCs	(2013-07-31)
PCE	700
TCE	**14,000**
cis-DCE	650
trans-DCE	ND
VC	190

	SG-1
cVOCs	(2012-02-02)
PCE	19
TCE	ND
cis-DCE	ND
trans-DCE	ND
VC	ND

	SG-4
cVOCs	(2012-02-02)
PCE	7.7
TCE	ND
cis-DCE	ND
trans-DCE	ND
VC	ND

	2SB-6
cVOCs	(2013-07-31)
PCE	270
TCE	**6,600**
cis-DCE	380
trans-DCE	11
VC	ND

Tetrachloroetylene and Related Compounds
Tetrachloroetylene (PCE)
Trichloroethylene (TCE)
cis-Dichlorethylene (cis-DCE)
trans-Dichlorethylene (trans-DCE)
Vinyl Chloride (VC)

Legend:

- Subject Property Border
- Registry Site Boundary
- Previous ASR Sample Locations
- ESI Soil Gas Sample Location
- ESI Boring Location with Soil Gas
- Recovery Well Location
- Monitoring Well Location
- ESI Sample Locations
- ESI Refusal Locations

- Previous Environmental Work (ASR), May-December 2006
- RIWP, IHWD Site (ESI), February -April 2012
- RIWP, Spill Site (ESI), February-April 2012
- Off-site LNAPL Investigation (ESI) July 2012-December 2014
- TCE Investigation (ESI), July 2013-September 2014

Detected Compound
ND - non-detect
Data in µg/m3

Base map provided by Morris Associates P.L.L.C. da

Figure 5: TCE and Related Compounds in Soil Vapor

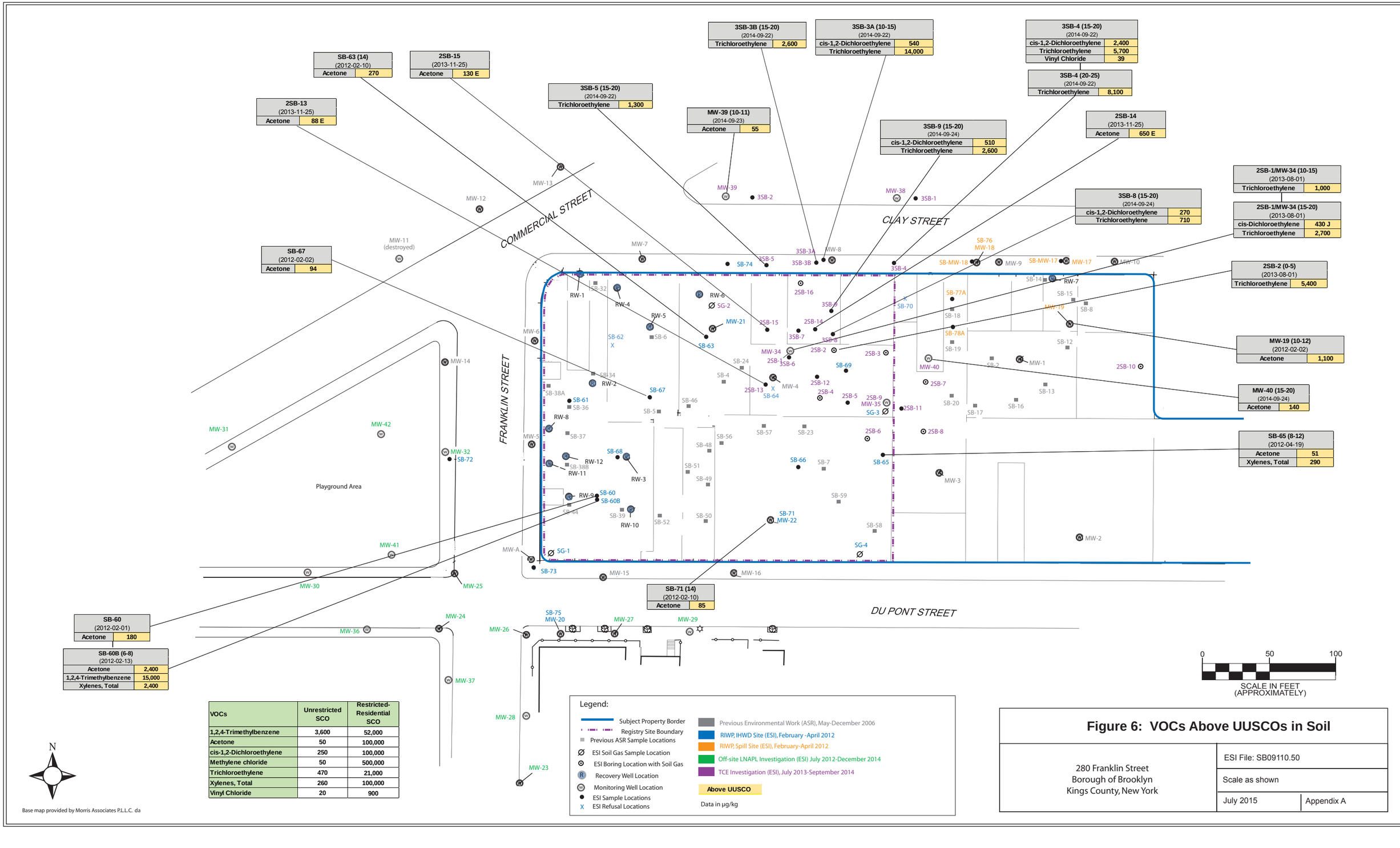
280 Franklin Street
Borough of Brooklyn
Kings County, New York

ESI File: SB09110.50

Scale as shown

July 2015 | Appendix A

Ecosystems Strategies, Inc.



VOCs	Unrestricted SCO	Restricted-Residential SCO
1,2,4-Trimethylbenzene	3,600	52,000
Acetone	50	100,000
cis-1,2-Dichloroethylene	250	100,000
Methylene chloride	50	500,000
Trichloroethylene	470	21,000
Xylenes, Total	260	100,000
Vinyl Chloride	20	900

Legend:

- Subject Property Border
- Registry Site Boundary
- Previous ASR Sample Locations
- ESI Soil Gas Sample Location
- ESI Boring Location with Soil Gas
- Recovery Well Location
- Monitoring Well Location
- ESI Sample Locations
- ESI Refusal Locations
- Previous Environmental Work (ASR), May-December 2006
- RIWP, IHWD Site (ESI), February -April 2012
- RIWP, Spill Site (ESI), February-April 2012
- Off-site LNAPL Investigation (ESI) July 2012-December 2014
- TCE Investigation (ESI), July 2013-September 2014

Above UUSCO

Data in µg/kg

Base map provided by Morris Associates P.L.L.C. da

Figure 6: VOCs Above UUSCOs in Soil

280 Franklin Street Borough of Brooklyn Kings County, New York	ESI File: SB09110.50
	Scale as shown
	July 2015 | Appendix A

Ecosystems Strategies, Inc.

cVOCs	2SB-15 (2013-11-25)
PCE	7.5
TCE	110
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	3SB-7 (10-15) (2014-09-24)
PCE	ND
TCE	32
cis-DCE	14
trans-DCE	ND
VC	ND

cVOCs	3SB-5 (10-15) (2014-09-22)	3SB-5 (15-20) (2014-09-22)
PCE	ND	ND
TCE	99	1,300
cis-DCE	13	21
trans-DCE	ND	ND
VC	ND	ND

cVOCs	3SB-3B (15-20) (2014-09-22)
PCE	ND
TCE	2,600
cis-DCE	19
trans-DCE	ND
VC	ND

cVOCs	3SB-3A (0-5) (2014-09-22)	3SB-3A (10-15) (2014-09-22)
PCE	ND	ND
TCE	12	14,000
cis-DCE	ND	540
trans-DCE	ND	ND
VC	ND	ND

cVOCs	3SB-9 (15-20) (2014-09-24)	3SB-9 (20-25) (2014-09-24)
PCE	31	ND
TCE	2,600	6.2
cis-DCE	510	ND
trans-DCE	2.7	ND
VC	10	ND

cVOCs	3SB-4 (15-20) (2014-09-22)	3SB-4 (20-25) (2014-09-22)
PCE	ND	ND
TCE	5,700	8,100
cis-DCE	2,400	76
trans-DCE	ND	ND
VC	39	ND

cVOCs	2SB-14 (2013-11-25)
PCE	ND
TCE	26
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	2SB-4 (0-5) (2013-08-01)	2SB-4 (10-15) (2013-08-01)
PCE	ND	ND
TCE	26	190
cis-DCE	ND	100
trans-DCE	ND	ND
VC	ND	ND

cVOCs	2SB-12 (2013-11-25)
PCE	2.9
TCE	13
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	2SB-1/MW-34 (10-15) (2013-08-01)	2SB-1/MW-34 (15-20) (2013-08-01)
PCE	ND	3.2 J
TCE	1,000	2,700
cis-DCE	96	430 J
trans-DCE	ND	ND
VC	ND	6.2

cVOCs	SB-MW-17 (12-16) (2012-04-19)
PCE	ND
TCE	2.4 J
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	3SB-8 (0-5) (2014-09-24)	3SB-8 (15-20) (2014-09-24)
PCE	ND	2.6
TCE	14	710
cis-DCE	ND	270
trans-DCE	ND	ND
VC	ND	ND

cVOCs	2SB-13 (2013-11-25)
PCE	11
TCE	56
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	2SB-2 (0-5) (2013-08-01)	2SB-2 (10-15) (2013-08-01)
PCE	20	ND
TCE	5,400	100
cis-DCE	23	21
trans-DCE	ND	ND
VC	ND	ND

cVOCs	SB-67 (2012-02-02)
PCE	3.5 J
TCE	10
cis-DCE	1.8 J
trans-DCE	ND
VC	ND

cVOCs	2SB-3 (10-15) (2013-08-01)
PCE	ND
TCE	77
cis-DCE	15
trans-DCE	ND
VC	ND

cVOCs	MW-40 (0-5) (2014-09-24)	MW-40 (15-20) (2014-09-24)
PCE	ND	ND
TCE	7.6	56
cis-DCE	ND	ND
trans-DCE	ND	ND
VC	ND	ND

cVOCs	SB-61 (2012-02-01)
PCE	ND
TCE	16 J
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	2SB-7 (10-15) (2013-08-01)
PCE	ND
TCE	4.1 J
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	SB-60 (2012-02-01)
PCE	9.3 J
TCE	26 J
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	SB-69 (2012-02-01)
PCE	ND
TCE	1.9 J
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	2SB-11 (10-15) (2013-08-01)
PCE	ND
TCE	5.5
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	2SB-9/MW-35 (0-5) (2013-08-01)	2SB-9/MW-35 (10-15) (2013-08-01)
PCE	ND	ND
TCE	7.4	33
cis-DCE	ND	6.9
trans-DCE	ND	ND
VC	ND	ND

cVOCs	SB-66 (12-16) (2012-04-19)
PCE	ND
TCE	2.7 J
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	2SB-5 (10-15) (2013-08-01)
PCE	ND
TCE	66
cis-DCE	33
trans-DCE	ND
VC	ND

cVOCs	SB-65 (8-12) (2012-04-19)
PCE	ND
TCE	ND
cis-DCE	120
trans-DCE	ND
VC	ND

cVOCs	2SB-6 (10-15) (2013-08-01)
PCE	ND
TCE	3.8 J
cis-DCE	ND
trans-DCE	ND
VC	ND

Tetrachloroetylene and Related Compounds	Unrestricted SCOs	Restricted Residential SCOs
Tetrachloroetylene (PCE)	1,300	19,000
Trichloroethylene (TCE)	470	21,000
cis-Dichlorethylene (cis-DCE)	250	100,000
trans-Dichlorethylene (trans-DCE)	190	100,000
Vinyl Chloride (VC)	20	900

Legend:

- Subject Property Border
- Registry Site Boundary
- Previous ASR Sample Locations
- ESI Soil Gas Sample Location
- ESI Boring Location with Soil Gas
- Recovery Well Location
- Monitoring Well Location
- ESI Sample Locations
- ESI Refusal Locations
- Previous Environmental Work (ASR), May-December 2006
- RIWP, IHWD Site (ESI), February -April 2012
- RIWP, Spill Site (ESI), February-April 2012
- Off-site LNAPL Investigation (ESI) July 2012-December 2014
- TCE Investigation (ESI), July 2013-September 2014

ND - non-detect
all compounds are non-detect
Data in µg/kg

Below UUSCO
Above UUSCO
Above RRUSCO

0 50 100
SCALE IN FEET (APPROXIMATELY)

N

Base map provided by Morris Associates P.L.L.C. da

Figure 7: TCE and Related Compounds in Soil

280 Franklin Street
Borough of Brooklyn
Kings County, New York

ESI File: SB09110.50

Scale as shown

July 2015 | Appendix A

Phthalates	SB-63 (2012-02-01)	SB-63 (14) (2012-02-10)
DEHP	1,310,000	71,900
DOP	ND	104,000

Phthalates	2SB-1/MW-34 (10-15) (2013-08-01)
DEHP	93,700
DOP	87,500

Phthalates	SB-67 (2012-02-02)
DEHP	18,900,000
DOP	ND

Phthalates	SB-61 (2012-02-01)
DEHP	22,500,000
DOP	ND

Phthalates	SB-68 (2012-02-01)
DEHP	2,670,000
DOP	ND

Phthalates	SB-60 (2012-02-01)
DEHP	10,300,000
DOP	ND

Phthalates	SB-72 (9) (2012-02-16)
DEHP	43,200,000
DOP	3,010,000

Phthalates	SB-60B (2012-02-13)	
	(8-10)	(10-12)
DEHP	228,000	548,000
DOP	17,000	43,000

Phthalates	SB-73 (13.5) (2012-02-16)
DEHP	6,770,000
DOP	ND

Phthalates	MW-25 (2012-07-25)
DEHP	14,000,000 E
DOP	769,000

Phthalates	MW-26 (2012-09-24)
DEHP	876,000 E
DOP	76,500

Phthalates	MW-19 (10-12) (2012-02-02)
DEHP	4,330
DOP	ND

Phthalates	SB-65 (8-12) (2012-04-19)
DEHP	49,400,000 E
DOP	935,000

Phthalates	SB-66 (12-16) (2012-04-19)
DEHP	109,000
DOP	ND

Phthalates	MW-22 (10-11)	MW-22 (12-14)
	(2012-02-16)	
DEHP	59,200,000 E	5,340,000
DOP	576,000	ND

Phthalates	SB-71 (14) (2012-02-10)
DEHP	13,400,000
DOP	ND

Restricted Residential Use RRUSCOs *(unrestricted use SCOs not established)* (NYSDEC CP-51 Table 1)	
Bis(2-ethylhexyl)phthalate (DEHP)	50,000
Di-n-octyl phthalate (DOP)	100,000

Legend:

- Subject Property Border
- Registry Site Boundary
- Previous ASR Sample Locations
- ESI Soil Gas Sample Location
- ESI Boring Location with Soil Gas
- Recovery Well Location
- Monitoring Well Location
- ESI Sample Locations
- ESI Refusal Locations
- Previous Environmental Work (ASR), May-December 2006
- RIWP, IHWD Site (ESI), February -April 2012
- RIWP, Spill Site (ESI), February-April 2012
- Off-site LNAPL Investigation (ESI) July 2012-December 2014
- TCE Investigation (ESI), July 2013-September 2014

ND - non-detect
Data in µg/kg

Below RRUSCOs
Above RRUSCOs

0 50 100
SCALE IN FEET
(APPROXIMATELY)

N

Base map provided by Morris Associates P.L.L.C. da

Figure 8: Phthalates Above RRUSCOs in Soil

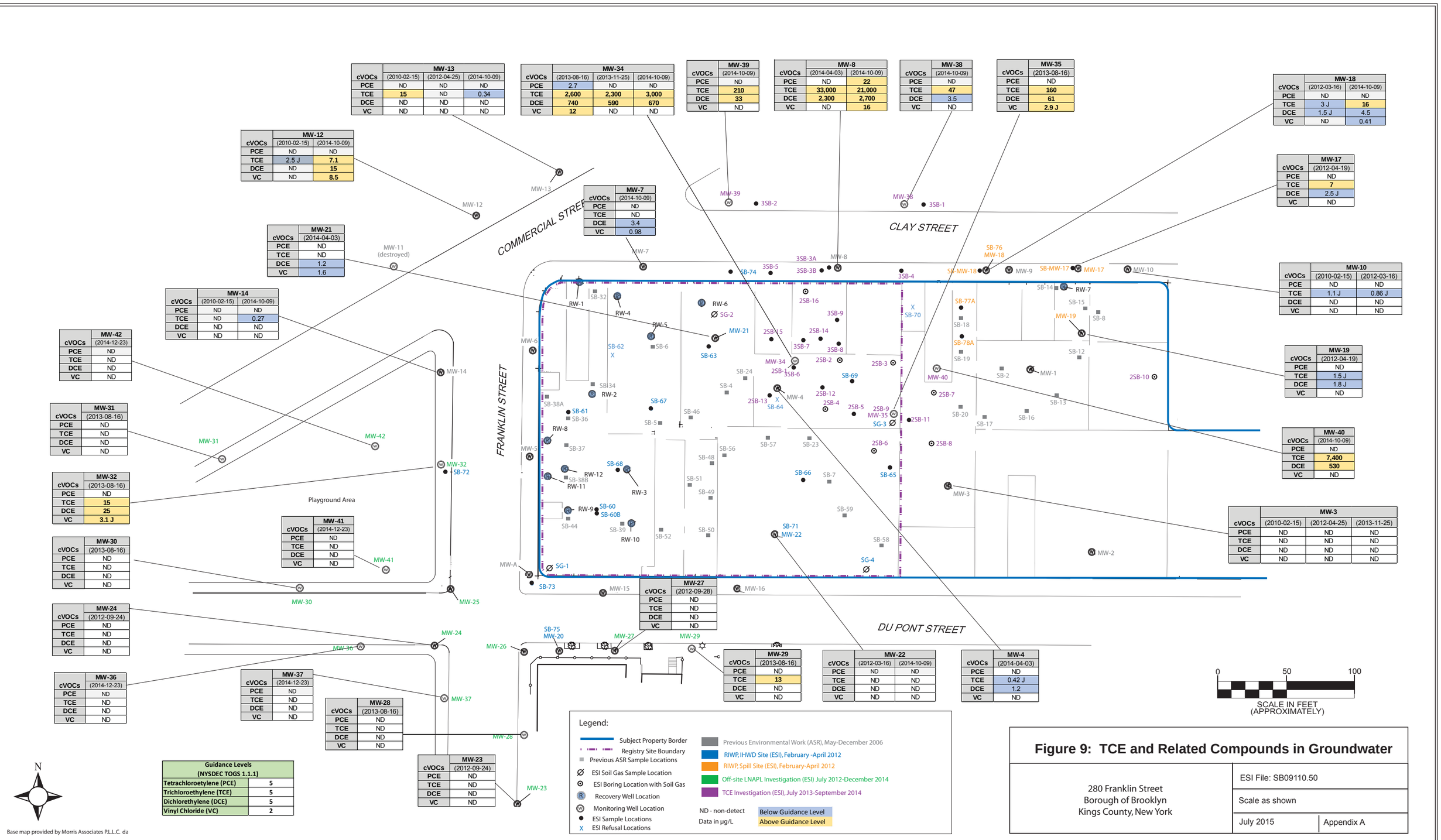
280 Franklin Street
Borough of Brooklyn
Kings County, New York

ESI File: SB09110.50

Scale as shown

July 2015 | Appendix A

Ecosystems Strategies, Inc.



cVOCs	MW-13 (2010-02-15)	MW-13 (2012-04-25)	MW-13 (2014-10-09)
PCE	ND	ND	ND
TCE	15	ND	0.34
DCE	ND	ND	ND
VC	ND	ND	ND

cVOCs	MW-34 (2013-08-16)	MW-34 (2013-11-25)	MW-34 (2014-10-09)
PCE	2.7	ND	ND
TCE	2,600	2,300	3,000
DCE	740	590	670
VC	12	ND	ND

cVOCs	MW-39 (2014-10-09)
PCE	ND
TCE	210
DCE	33
VC	ND

cVOCs	MW-8 (2014-04-03)	MW-8 (2014-10-09)
PCE	ND	22
TCE	33,000	21,000
DCE	2,300	2,700
VC	ND	16

cVOCs	MW-38 (2014-10-09)
PCE	ND
TCE	47
DCE	3.5
VC	ND

cVOCs	MW-35 (2013-08-16)
PCE	ND
TCE	160
DCE	61
VC	2.9 J

cVOCs	MW-18 (2012-03-16)	MW-18 (2014-10-09)
PCE	ND	ND
TCE	3 J	16
DCE	1.5 J	4.5
VC	ND	0.41

cVOCs	MW-17 (2012-04-19)
PCE	ND
TCE	7
DCE	2.5 J
VC	ND

cVOCs	MW-12 (2010-02-15)	MW-12 (2014-10-09)
PCE	ND	ND
TCE	2.5 J	7.1
DCE	ND	15
VC	ND	8.5

cVOCs	MW-7 (2014-10-09)
PCE	ND
TCE	ND
DCE	3.4
VC	0.98

cVOCs	MW-21 (2014-04-03)
PCE	ND
TCE	ND
DCE	1.2
VC	1.6

cVOCs	MW-14 (2010-02-15)	MW-14 (2014-10-09)
PCE	ND	ND
TCE	ND	0.27
DCE	ND	ND
VC	ND	ND

cVOCs	MW-10 (2010-02-15)	MW-10 (2012-03-16)
PCE	ND	ND
TCE	1.1 J	0.86 J
DCE	ND	ND
VC	ND	ND

cVOCs	MW-42 (2014-12-23)
PCE	ND
TCE	ND
DCE	ND
VC	ND

cVOCs	MW-19 (2012-04-19)
PCE	ND
TCE	1.5 J
DCE	1.8 J
VC	ND

cVOCs	MW-31 (2013-08-16)
PCE	ND
TCE	ND
DCE	ND
VC	ND

cVOCs	MW-40 (2014-10-09)
PCE	ND
TCE	7,400
DCE	530
VC	ND

cVOCs	MW-32 (2013-08-16)
PCE	ND
TCE	15
DCE	25
VC	3.1 J

cVOCs	MW-3 (2010-02-15)	MW-3 (2012-04-25)	MW-3 (2013-11-25)
PCE	ND	ND	ND
TCE	ND	ND	ND
DCE	ND	ND	ND
VC	ND	ND	ND

cVOCs	MW-30 (2013-08-16)
PCE	ND
TCE	ND
DCE	ND
VC	ND

cVOCs	MW-41 (2014-12-23)
PCE	ND
TCE	ND
DCE	ND
VC	ND

cVOCs	MW-24 (2012-09-24)
PCE	ND
TCE	ND
DCE	ND
VC	ND

cVOCs	MW-27 (2012-09-28)
PCE	ND
TCE	ND
DCE	ND
VC	ND

cVOCs	MW-36 (2014-12-23)
PCE	ND
TCE	ND
DCE	ND
VC	ND

cVOCs	MW-37 (2014-12-23)
PCE	ND
TCE	ND
DCE	ND
VC	ND

cVOCs	MW-28 (2013-08-16)
PCE	ND
TCE	ND
DCE	ND
VC	ND

cVOCs	MW-29 (2013-08-16)
PCE	ND
TCE	13
DCE	ND
VC	ND

cVOCs	MW-22 (2012-03-16)	MW-22 (2014-10-09)
PCE	ND	ND
TCE	ND	ND
DCE	ND	ND
VC	ND	ND

cVOCs	MW-4 (2014-04-03)
PCE	ND
TCE	0.42 J
DCE	1.2
VC	ND

cVOCs	MW-23 (2012-09-24)
PCE	ND
TCE	ND
DCE	ND
VC	ND

Guidance Levels (NYSDEC TOGS 1.1.1)	
Tetrachloroetylene (PCE)	5
Trichloroethylene (TCE)	5
Dichlorethylene (DCE)	5
Vinyl Chloride (VC)	2

Legend:

- Subject Property Border
- Registry Site Boundary
- Previous ASR Sample Locations
- ESI Soil Gas Sample Location
- ESI Boring Location with Soil Gas
- Recovery Well Location
- Monitoring Well Location
- ESI Sample Locations
- ESI Refusal Locations

- Previous Environmental Work (ASR), May-December 2006
- RIWP, IHWD Site (ESI), February -April 2012
- RIWP, Spill Site (ESI), February-April 2012
- Off-site LNAPL Investigation (ESI) July 2012-December 2014
- TCE Investigation (ESI), July 2013-September 2014

ND - non-detect
Data in µg/L

Below Guidance Level
Above Guidance Level

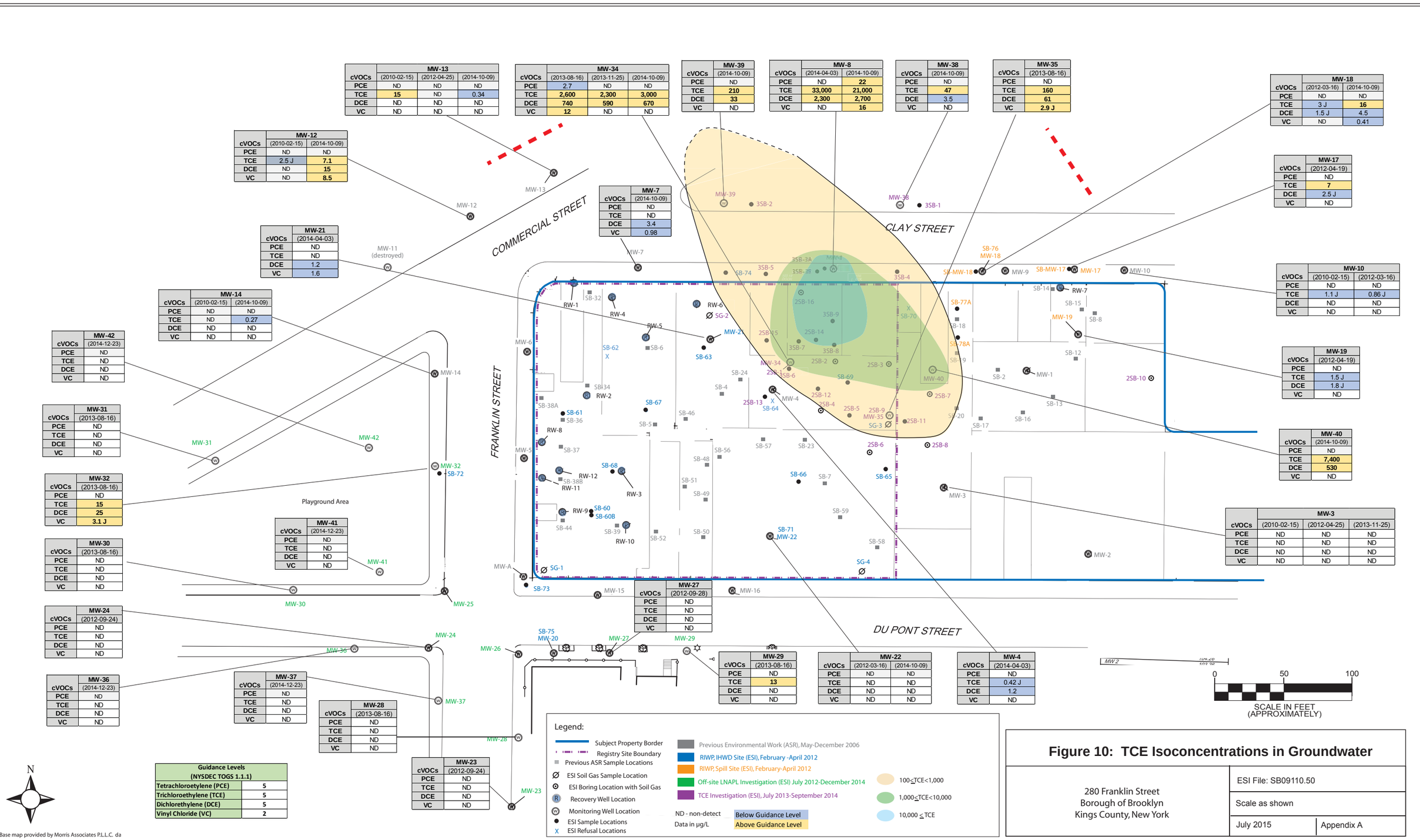
N

Base map provided by Morris Associates P.L.L.C. da

Figure 9: TCE and Related Compounds in Groundwater

280 Franklin Street Borough of Brooklyn Kings County, New York	ESI File: SB09110.50
	Scale as shown
	July 2015 | Appendix A

Ecosystems Strategies, Inc.



	MW-13		
cVOCs	(2010-02-15)	(2012-04-25)	(2014-10-09)
PCE	ND	ND	ND
TCE	15	ND	0.34
DCE	ND	ND	ND
VC	ND	ND	ND

	MW-34		
cVOCs	(2013-08-16)	(2013-11-25)	(2014-10-09)
PCE	2.7	ND	ND
TCE	2,600	2,300	3,000
DCE	740	590	670
VC	12	ND	ND

	MW-39
cVOCs	(2014-10-09)
PCE	ND
TCE	210
DCE	33
VC	ND

	MW-8	
cVOCs	(2014-04-03)	(2014-10-09)
PCE	ND	22
TCE	33,000	21,000
DCE	2,300	2,700
VC	ND	16

	MW-38
cVOCs	(2014-10-09)
PCE	ND
TCE	47
DCE	3.5
VC	ND

	MW-35
cVOCs	(2013-08-16)
PCE	ND
TCE	160
DCE	61
VC	2.9 J

	MW-18	
cVOCs	(2012-03-16)	(2014-10-09)
PCE	ND	ND
TCE	3 J	16
DCE	1.5 J	4.5
VC	ND	0.41

	MW-12	
cVOCs	(2010-02-15)	(2014-10-09)
PCE	ND	ND
TCE	2.5 J	7.1
DCE	ND	15
VC	ND	8.5

	MW-7
cVOCs	(2014-10-09)
PCE	ND
TCE	ND
DCE	3.4
VC	0.98

	MW-17
cVOCs	(2012-04-19)
PCE	ND
TCE	7
DCE	2.5 J
VC	ND

	MW-21
cVOCs	(2014-04-03)
PCE	ND
TCE	ND
DCE	1.2
VC	1.6

	MW-14	
cVOCs	(2010-02-15)	(2014-10-09)
PCE	ND	ND
TCE	ND	0.27
DCE	ND	ND
VC	ND	ND

	MW-10	
cVOCs	(2010-02-15)	(2012-03-16)
PCE	ND	ND
TCE	1.1 J	0.86 J
DCE	ND	ND
VC	ND	ND

	MW-42
cVOCs	(2014-12-23)
PCE	ND
TCE	ND
DCE	ND
VC	ND

	MW-19
cVOCs	(2012-04-19)
PCE	ND
TCE	1.5 J
DCE	1.8 J
VC	ND

	MW-31
cVOCs	(2013-08-16)
PCE	ND
TCE	ND
DCE	ND
VC	ND

	MW-40
cVOCs	(2014-10-09)
PCE	ND
TCE	7,400
DCE	530
VC	ND

	MW-32
cVOCs	(2013-08-16)
PCE	ND
TCE	15
DCE	25
VC	3.1 J

	MW-41
cVOCs	(2014-12-23)
PCE	ND
TCE	ND
DCE	ND
VC	ND

	MW-3		
cVOCs	(2010-02-15)	(2012-04-25)	(2013-11-25)
PCE	ND	ND	ND
TCE	ND	ND	ND
DCE	ND	ND	ND
VC	ND	ND	ND

	MW-30
cVOCs	(2013-08-16)
PCE	ND
TCE	ND
DCE	ND
VC	ND

	MW-27
cVOCs	(2012-09-28)
PCE	ND
TCE	ND
DCE	ND
VC	ND

	MW-24
cVOCs	(2012-09-24)
PCE	ND
TCE	ND
DCE	ND
VC	ND

	MW-29
cVOCs	(2013-08-16)
PCE	ND
TCE	13
DCE	ND
VC	ND

	MW-22	
cVOCs	(2012-03-16)	(2014-10-09)
PCE	ND	ND
TCE	ND	ND
DCE	ND	ND
VC	ND	ND

	MW-4
cVOCs	(2014-04-03)
PCE	ND
TCE	0.42 J
DCE	1.2
VC	ND

	MW-36
cVOCs	(2014-12-23)
PCE	ND
TCE	ND
DCE	ND
VC	ND

	MW-37
cVOCs	(2014-12-23)
PCE	ND
TCE	ND
DCE	ND
VC	ND

	MW-28
cVOCs	(2013-08-16)
PCE	ND
TCE	ND
DCE	ND
VC	ND

	MW-23
cVOCs	(2012-09-24)
PCE	ND
TCE	ND
DCE	ND
VC	ND

Guidance Levels (NYSDEC TOGS 1.1.1)	
Tetrachloroetylene (PCE)	5
Trichloroethylene (TCE)	5
Dichlorethylene (DCE)	5
Vinyl Chloride (VC)	2

Legend:

- Subject Property Border
- Registry Site Boundary
- Previous ASR Sample Locations
- ESI Soil Gas Sample Location
- ESI Boring Location with Soil Gas
- Recovery Well Location
- Monitoring Well Location
- ESI Sample Locations
- ESI Refusal Locations

- Previous Environmental Work (ASR), May-December 2006
- RIWP, IHWD Site (ESI), February -April 2012
- RIWP, Spill Site (ESI), February-April 2012
- Off-site LNAPL Investigation (ESI) July 2012-December 2014
- TCE Investigation (ESI), July 2013-September 2014

ND - non-detect
Data in µg/L

Below Guidance Level
Above Guidance Level

- 100≤TCE<1,000
- 1,000≤TCE<10,000
- 10,000 ≤TCE

N

Base map provided by Morris Associates P.L.L.C. da

Figure 10: TCE Isoconcentrations in Groundwater

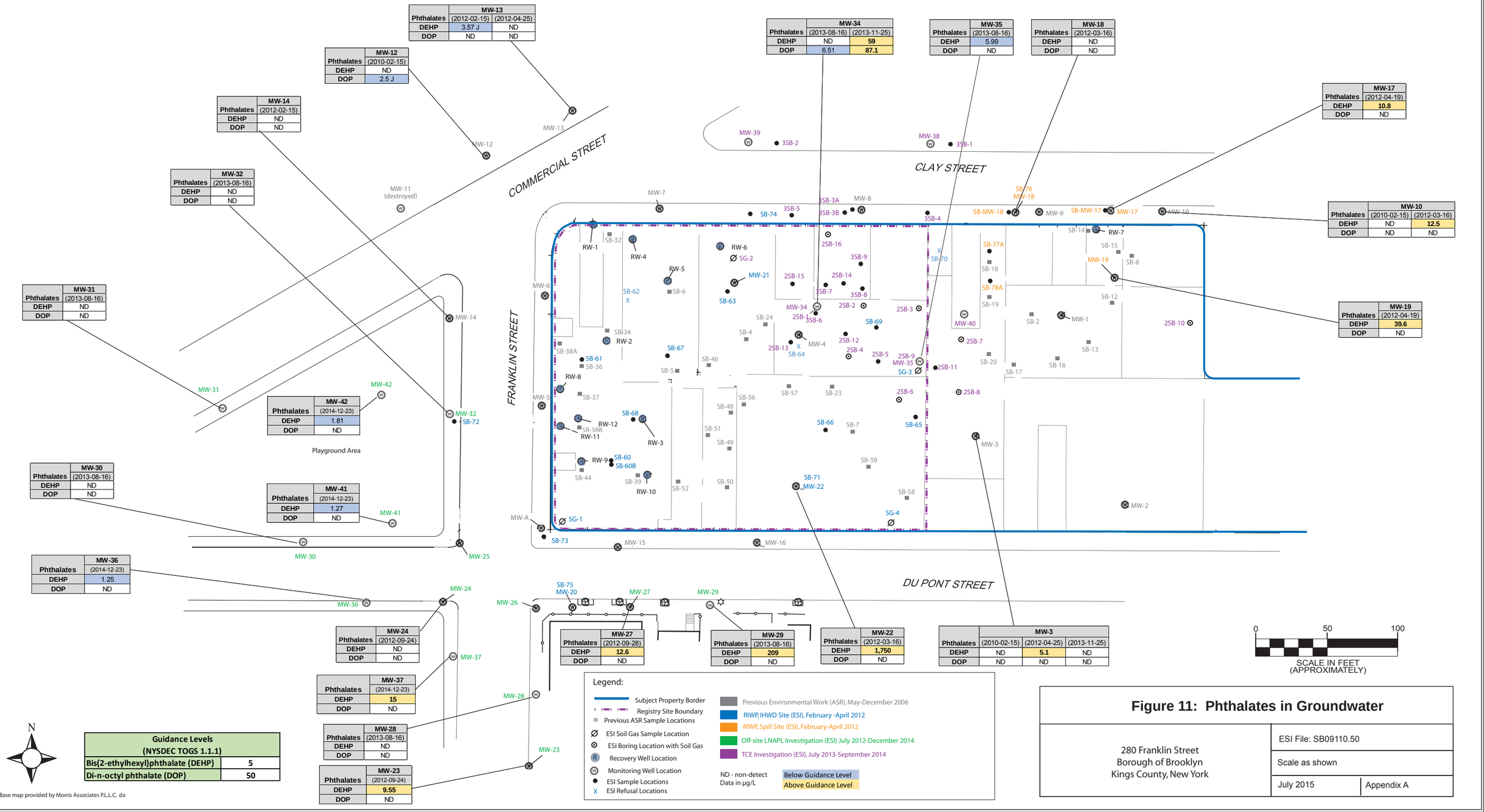
280 Franklin Street
Borough of Brooklyn
Kings County, New York

ESI File: SB09110.50

Scale as shown

July 2015 | Appendix A

Ecosystems Strategies, Inc.



Phthalates	MW-13 (2012-02-15)	MW-13 (2012-04-25)
DEHP	3.57 J	ND
DOP	ND	ND

Phthalates	MW-12 (2010-02-15)
DEHP	ND
DOP	2.5 J

Phthalates	MW-14 (2012-02-15)
DEHP	ND
DOP	ND

Phthalates	MW-32 (2013-08-16)
DEHP	ND
DOP	ND

Phthalates	MW-31 (2013-08-16)
DEHP	ND
DOP	ND

Phthalates	MW-42 (2014-12-23)
DEHP	1.81
DOP	ND

Phthalates	MW-30 (2013-08-16)
DEHP	ND
DOP	ND

Phthalates	MW-41 (2014-12-23)
DEHP	1.27
DOP	ND

Phthalates	MW-36 (2014-12-23)
DEHP	1.25
DOP	ND

Phthalates	MW-24 (2012-09-24)
DEHP	ND
DOP	ND

Phthalates	MW-37 (2014-12-23)
DEHP	15
DOP	ND

Phthalates	MW-28 (2013-08-16)
DEHP	ND
DOP	ND

Phthalates	MW-23 (2012-09-24)
DEHP	9.55
DOP	ND

Phthalates	MW-34 (2013-08-16)	MW-34 (2013-11-25)
DEHP	ND	59
DOP	6.51	87.1

Phthalates	MW-35 (2013-08-16)
DEHP	5.99
DOP	ND

Phthalates	MW-18 (2012-03-16)
DEHP	ND
DOP	ND

Phthalates	MW-17 (2012-04-19)
DEHP	10.8
DOP	ND

Phthalates	MW-10 (2010-02-15)	MW-10 (2012-03-16)
DEHP	ND	12.5
DOP	ND	ND

Phthalates	MW-19 (2012-04-19)
DEHP	39.6
DOP	ND

Phthalates	MW-27 (2012-09-28)
DEHP	12.6
DOP	ND

Phthalates	MW-29 (2013-08-16)
DEHP	209
DOP	ND

Phthalates	MW-22 (2012-03-16)
DEHP	1,750
DOP	ND

Phthalates	MW-3 (2010-02-15)	MW-3 (2012-04-25)	MW-3 (2013-11-25)
DEHP	ND	5.1	ND
DOP	ND	ND	ND

Guidance Levels (NYSDEC TOGS 1.1.1)	
Bis(2-ethylhexyl)phthalate (DEHP)	5
Di-n-octyl phthalate (DOP)	50

Legend:

- Subject Property Border
- Registry Site Boundary
- Previous ASR Sample Locations
- ESI Soil Gas Sample Location
- ESI Boring Location with Soil Gas
- Recovery Well Location
- Monitoring Well Location
- ESI Sample Locations
- ESI Refusal Locations
- Previous Environmental Work (ASR), May-December 2006
- RIWP, IHWD Site (ESI), February -April 2012
- RIWP, Spill Site (ESI), February-April 2012
- Off-site LNAPL Investigation (ESI) July 2012-December 2014
- TCE Investigation (ESI), July 2013-September 2014

ND - non-detect
Data in µg/L

Below Guidance Level
Above Guidance Level

Base map provided by Morris Associates P.L.L.C. da

Figure 11: Phthalates in Groundwater

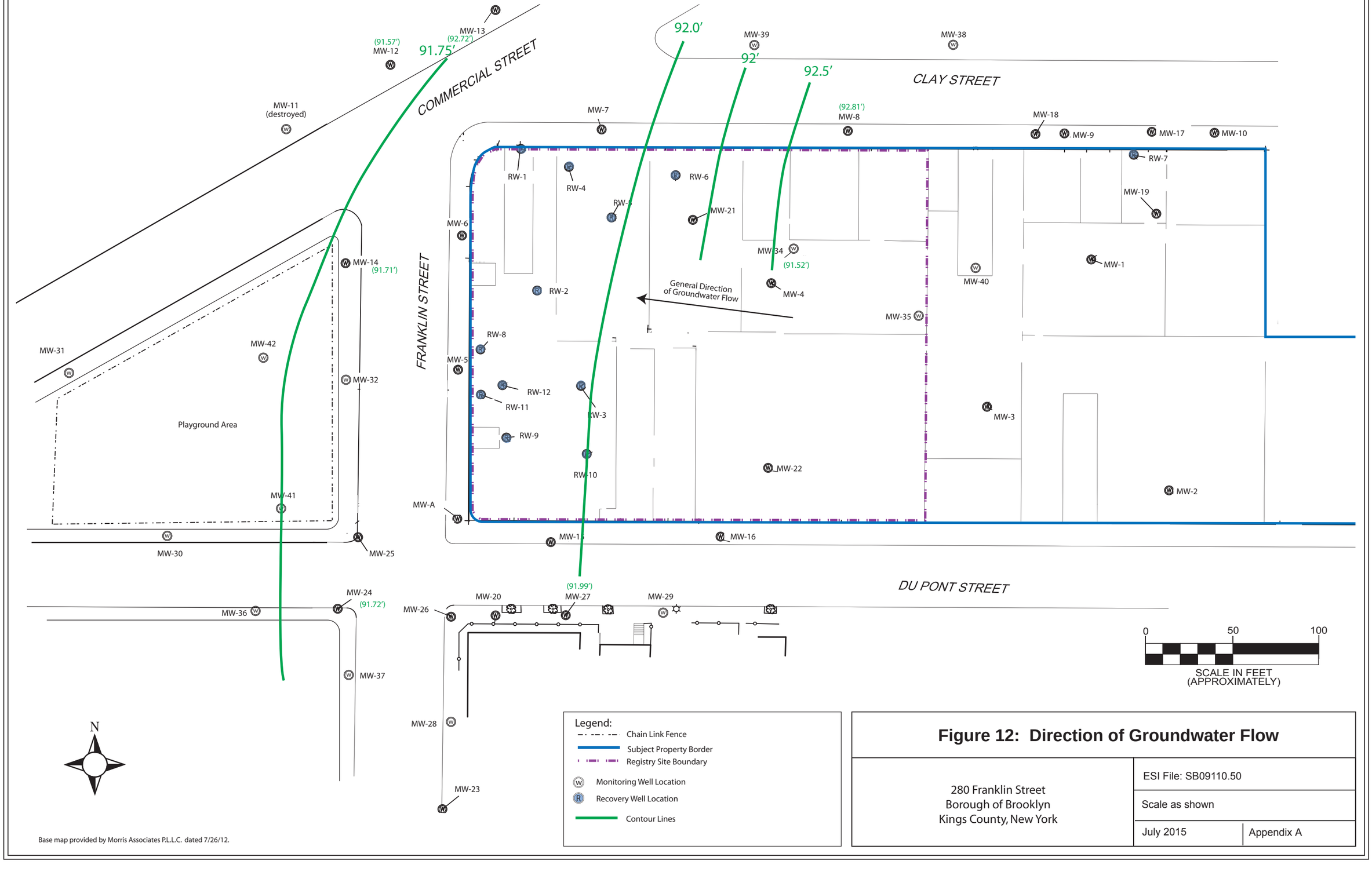
280 Franklin Street
Borough of Brooklyn
Kings County, New York

ESI File: SB09110.50

Scale as shown

July 2015 | Appendix A

Ecosystems Strategies, Inc.



Legend:

- Chain Link Fence
- Subject Property Border
- Registry Site Boundary
- Monitoring Well Location
- Recovery Well Location
- Contour Lines

Base map provided by Morris Associates P.L.L.C. dated 7/26/12.

Figure 12: Direction of Groundwater Flow

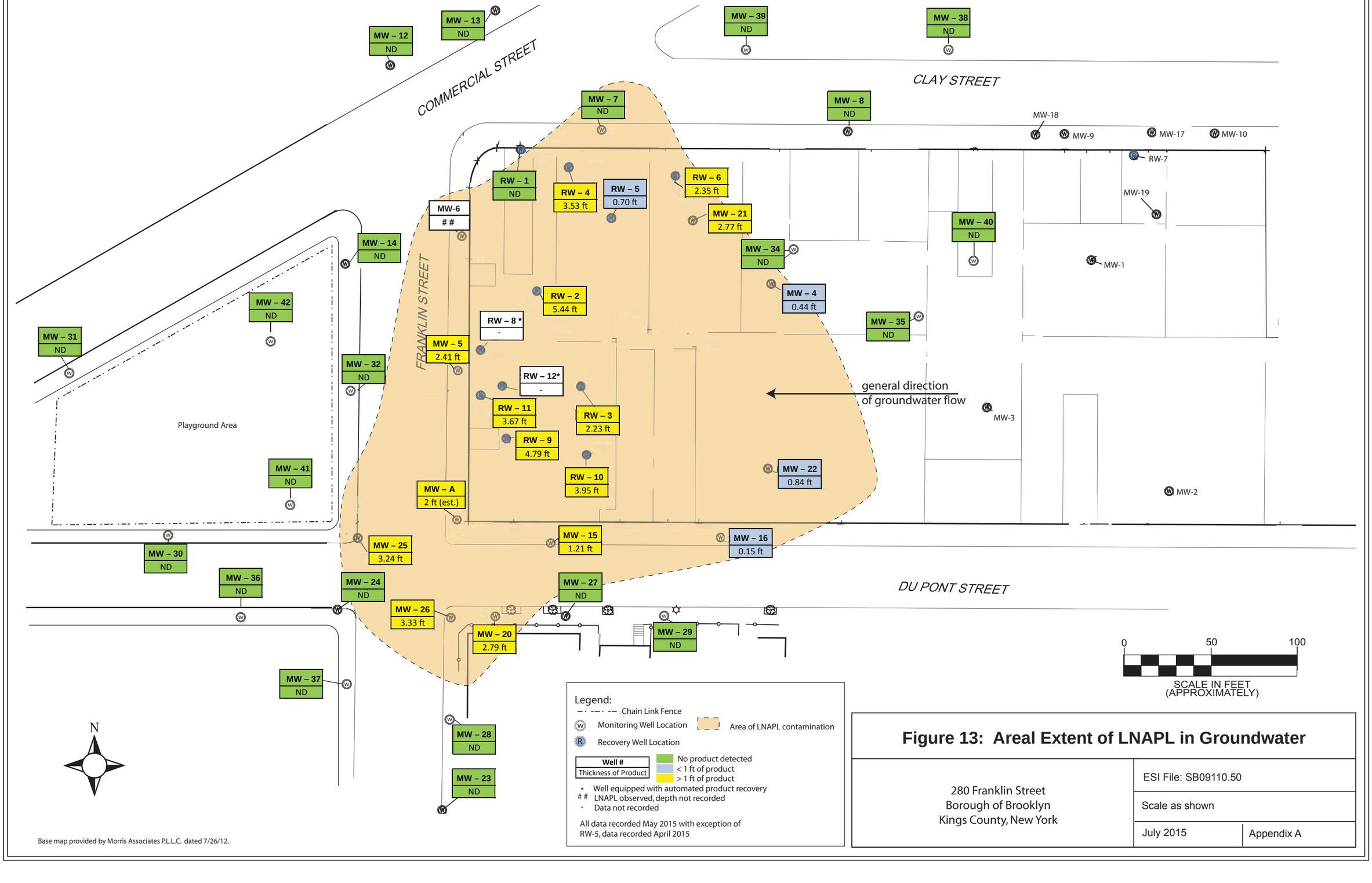
280 Franklin Street
Borough of Brooklyn
Kings County, New York

ESI File: SB09110.50

Scale as shown

July 2015 | Appendix A

Ecosystems Strategies, Inc.



Base map provided by Morris Associates P.L.L.C. dated 7/26/12.

Figure 13: Areal Extent of LNAPL in Groundwater

280 Franklin Street
Borough of Brooklyn
Kings County, New York

ESI File: SB09110.50

Scale as shown

July 2015

Appendix A

APPENDIX B

Data Tables

Table 1: Soil Vapor - VOCs

Data in µg/m^3

Concentrations ≥1000 shown in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method TO-15)	SG-1 (2012-02-02)			SG-2 (2012-02-02)			SG-3 (2012-02-02)			SG-4 (2012-02-02)		
	Result	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
1,1,1-Trichloroethane (TCA)	ND		1.9	92		1.8	150		9.7	ND		2
1,1,2,2-Tetrachloroethane	ND		2.4	ND		2.3	ND		12	ND		2.5
1,1,2-Trichloro-1,2,2-trifluoroethane	4.5		2.6	ND		2.6	ND		14	ND		2.8
1,1,2-Trichloroethane	ND		1.9	ND		1.8	ND		9.7	ND		2
1,1-Dichloroethane	ND		1.4	ND		1.4	ND		7.2	ND		1.5
1,1-Dichloroethylene	ND		1.4	ND		1.3	36		7.1	ND		1.4
1,2,4-Trichlorobenzene	ND		2.5	ND		2.5	ND		13	ND		2.7
1,2,4-Trimethylbenzene	18		8.4	18		8.3	ND		44	20		9
1,2-Dibromoethane	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,2-Dichlorobenzene	ND		2.1	ND		2	ND		11	ND		2.2
1,2-Dichloroethane	ND		1.4	ND		1.4	ND		7.2	ND		1.5
1,2-Dichloropropane	ND		1.6	ND		1.6	ND		8.2	ND		1.7
1,2-Dichlorotetrafluoroethane	ND		2.4	ND		2.4	ND		12	ND		2.6
1,3,5-Trimethylbenzene	4.6		3.4	5.1		3.3	ND		18	5.7		3.6
1,3-Butadiene	ND		1.5	12		1.5	ND		7.7	ND		1.6
1,3-Dichlorobenzene	ND		2.1	ND		2	ND		11	ND		2.2
1,4-Dichlorobenzene	ND		2.1	ND		2	ND		11	ND		2.2
1,4-Dioxane	ND		12	ND		12	ND		64	ND		13
2,2,4-Trimethylpentane	ND		1.6	ND		1.6	ND		8.3	ND		1.7
2-Butanone (MEK)	25		1	36		0.99	ND		5.2	59		1.1
2-Hexanone	ND		2.8	ND		2.8	ND		15	53		3
3-Chloropropene	ND		11	ND		11	ND		56	ND		11
4-Methyl-2-pentanone	60		1.4	180		1.4	330		7.3	77		1.5
Acetone	130		0.81	110		0.8	130		4.2	150		0.87
Benzene	8.5		1.1	8.3		1.1	ND		5.7	11		1.2
Benzyl chloride	ND		1.8	ND		1.7	ND		9.2	ND		1.9
Bromodichloromethane	ND		2.1	ND		2.1	ND		11	ND		2.3
Bromoform	ND		3.5	ND		3.5	ND		18	ND		3.8
Bromomethane	ND		1.3	ND		1.3	ND		6.9	ND		1.4
Carbon disulfide	7.9		1.1	21		1.1	ND		5.5	20		1.1
Carbon tetrachloride	ND		1.1	ND		1.1	ND		5.6	ND		1.1
Chlorobenzene	ND		1.6	ND		1.6	ND		8.2	ND		1.7
Chloroethane	ND		0.9	ND		0.89	ND		4.7	ND		0.96
Chloroform	9.2		1.7	5.9		1.6	52		8.7	ND		1.8
Chloromethane	ND		0.71	ND		0.7	ND		3.7	ND		0.75
cis-1,2-Dichloroethylene (DCE)	ND		1.4	2.7		1.3	**3,700**		180	ND		1.4
cis-1,3-Dichloropropylene	ND		1.6	ND		1.5	ND		8.1	ND		1.7
Cyclohexane	ND		1.2	3.9		1.2	ND		6.1	ND		1.3
Dibromochloromethane	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Dichlorodifluoromethane	ND		1.7	ND		1.7	ND		8.8	ND		1.8
Ethanol	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Ethyl acetate	ND		1.2	ND		1.2	ND		6.4	ND		1.3
Ethyl Benzene	16		1.5	25		1.5	17		7.7	26		1.6
Hexachlorobutadiene	ND		3.7	ND		3.6	ND		19	ND		3.9
Isopropanol	ND		0.84	ND		0.83	ND		4.4	43		0.9
Methyl Methacrylate	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Methyl tert-butyl ether (MTBE)	ND		1.2	ND		1.2	ND		6.4	ND		1.3
Methylene chloride	7.1	B	1.2	3.6	B	1.2	17	B	6.2	4.2	B	1.3
n-Heptane	4.4		1.4	9		1.4	ND		7.3	11		1.5
n-Hexane	32		1.2	12		1.2	ND		6.3	23		1.3
o-Xylene	19		1.5	28		1.5	20		7.7	27		1.6
p- & m- Xylenes	61		1.5	86		1.5	53		7.7	87		1.6
p-Ethyltoluene	26		8.4	28		8.3	ND		44	30		9
Propylene	ND		0.59	ND		0.58	ND		3.1	ND		0.63
Styrene	ND		1.5	ND		1.4	ND		7.6	ND		1.6
Tertiary butyl Alcohol	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Tetrachloroethylene (PCE)	19		2.3	5.5		2.3	830		12	7.7		2.5
Tetrahydrofuran	ND		1	ND		0.99	ND		5.2	ND		1.1
Toluene	54		1.3	110		1.3	37		6.7	79		1.4
trans-1,2-Dichloroethylene (DCE)	ND		1.4	ND		1.3	110		7.1	ND		1.4
trans-1,3-Dichloropropylene	ND		1.6	ND		1.5	ND		8.1	ND		1.7
Trichloroethylene (TCE)	ND		0.92	59		0.91	**35,000**		120	ND		0.98
Trichlorofluoromethane	ND		1.9	ND		1.9	ND		10	ND		2.1
Vinyl acetate	ND		2.4	ND		2.4	ND		13	ND		2.6
Vinyl Bromide	ND		1.5	ND		1.5	ND		7.8	ND		1.6
Vinyl Chloride (VC)	ND		1.8	ND		1.7	ND		9.1	ND		1.9
Helium (%)	ND		0.5	ND		0.5	ND		0.5	ND		0.5

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed

Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 1: Soil Vapor - VOCs

Data in µg/m^3

Concentrations ≥1000 shown in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method TO-15)	2SB-2 (2013-07-31)			2SB-3 (2013-07-31)			2SB-4 (2013-07-31)			2SB-6 (2013-07-31)		
	Result	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
1,1,1-Trichloroethane (TCA)	48		10	270		10	20		11	58		11
1,1,2,2-Tetrachloroethane	ND		13	ND		13	ND		14	ND		14
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		14	ND		14	ND		15	ND		16
1,1,2-Trichloroethane	ND		10	ND		10	ND		11	ND		11
1,1-Dichloroethane	ND		7.6	17		7.6	ND		8	ND		8.3
1,1-Dichloroethylene	18		7.5	ND		7.4	ND		7.9	ND		8.1
1,2,4-Trichlorobenzene	25		14	26		14	ND		15	ND		15
1,2,4-Trimethylbenzene	32		9.3	33		9.2	32		9.8	35		10
1,2-Dibromoethane	ND		14	ND		14	ND		15	ND		16
1,2-Dichlorobenzene	ND		11	ND		11	ND		12	ND		12
1,2-Dichloroethane	ND		7.6	ND		7.6	ND		8	ND		8.3
1,2-Dichloropropane	320		8.7	430		8.6	150		9.2	ND		9.5
1,2-Dichlorotetrafluoroethane	ND		13	ND		13	ND		14	ND		14
1,3,5-Trimethylbenzene	ND		9.3	ND		9.2	ND		9.8	ND		10
1,3-Butadiene	ND		8.2	ND		8.1	ND		8.6	ND		8.9
1,3-Dichlorobenzene	ND		11	ND		11	ND		12	ND		12
1,4-Dichlorobenzene	ND		11	ND		11	ND		12	ND		12
1,4-Dioxane	ND		6.8	ND		6.7	ND		7.2	ND		7.4
2,2,4-Trimethylpentane	*NA*		-	*NA*		-	*NA*		-	*NA*		-
2-Butanone (MEK)	ND		5.6	24		5.5	16		5.9	43		6
2-Hexanone	ND		7.7	23		7.7	ND		8.1	ND		8.4
3-Chloropropene	*NA*		-	*NA*		-	*NA*		-	*NA*		-
4-Methyl-2-pentanone	29		7.7	41		7.7	90		8.1	ND		8.4
Acetone	29		4.5	300		4.4	69		4.7	40		4.9
Benzene	ND		6	13		6	ND		6.3	ND		6.6
Benzyl chloride	22		9.8	22		9.7	23		10	ND		11
Bromodichloromethane	ND		12	ND		12	ND		12	ND		13
Bromoform	ND		19	ND		19	ND		21	ND		21
Bromomethane	ND		7.3	ND		7.3	ND		7.7	ND		8
Carbon disulfide	ND		5.9	7		5.8	ND		6.2	ND		6.4
Carbon tetrachloride	ND		5.9	ND		5.9	ND		6.2	9		6.4
Chlorobenzene	ND		8.7	ND		8.6	ND		9.1	ND		9.4
Chloroethane	ND		5	ND		4.9	ND		5.2	ND		5.4
Chloroform	29		9.2	100		9.1	33		9.7	81		10
Chloromethane	ND		3.9	6.2		3.9	ND		4.1	ND		4.2
cis-1,2-Dichloroethylene (DCE)	**2,300**		150	**3,600**		150	**1,500**		7.9	380		8.1
cis-1,3-Dichloropropylene	ND		8.6	ND		8.5	ND		9	ND		9.3
Cyclohexane	ND		6.5	12		6.4	ND		6.8	ND		7.1
Dibromochloromethane	ND		15	1,600		15	340		16	ND		16
Dichlorodifluoromethane	ND		9.3	ND		9.3	ND		9.8	ND		10
Ethanol	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Ethyl acetate	ND		6.8	19		6.7	9.3		7.2	ND		7.4
Ethyl Benzene	ND		8.2	ND		8.1	ND		8.6	8.9		8.9
Hexachlorobutadiene	ND		20	ND		20	ND		21	ND		22
Isopropanol	ND		4.6	100		4.6	ND		4.9	ND		5
Methyl Methacrylate	ND		7.7	ND		7.7	ND		8.1	ND		8.4
Methyl tert-butyl ether (MTBE)	ND		6.8	ND		6.7	ND		7.1	ND		7.4
Methylene chloride	ND		6.5	ND		6.5	ND		6.9	ND		7.1
n-Heptane	ND		7.7	9.2		7.7	35		8.1	ND		8.4
n-Hexane	ND		6.6	9.2		6.6	ND		7	ND		7.2
o-Xylene	15		8.2	17		8.1	16		8.6	20		8.9
p- & m- Xylenes	ND		16	ND		16	ND		17	33		18
p-Ethyltoluene	ND		46	ND		46	ND		49	ND		50
Propylene	ND		3.2	67		3.2	ND		3.4	ND		3.5
Styrene	ND		8	16		8	ND		8.5	ND		8.7
Tertiary butyl Alcohol	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Tetrachloroethylene (PCE)	**1,000**		260	**2,500**		13	540		13	270		14
Tetrahydrofuran	ND		5.6	24		5.5	ND		5.9	ND		6
Toluene	ND		7.1	13		7.1	ND		7.5	8.5		7.7
trans-1,2-Dichloroethylene (DCE)	69		7.5	120		7.4	11		7.9	11		8.1
trans-1,3-Dichloropropylene	ND		8.6	ND		8.5	ND		9	ND		9.3
Trichloroethylene (TCE)	**33,000**		100	**43,000**		100	**12,000**		110	**6,600**		110
Trichlorofluoromethane	ND		11	ND		11	ND		11	ND		12
Vinyl acetate	ND		6.6	ND		6.6	ND		7	ND		7.2
Vinyl Bromide	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Vinyl Chloride (VC)	5.3		4.8	ND		4.8	ND		5.1	ND		5.2
Helium (%)	ND		0.93	ND		0.92	ND		ND	ND		1

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed

Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

IHWD ID: 224136

Table 1: Soil Vapor - VOCs

Data in µg/m^3

Concentrations ≥1000 shown in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method TO-15)	2SB-7 (2013-07-31)			2SB-8 (2013-07-31)			2SB-10 (2013-07-31)			2SB-16 (2013-12-04)		
	Result	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
1,1,1-Trichloroethane (TCA)	1,000		9.3	430		220	ND		11	ND		10
1,1,2,2-Tetrachloroethane	ND		12	ND		280	ND		13	ND		13
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		13	ND		320	ND		15	ND		14
1,1,2-Trichloroethane	ND		9.3	ND		220	ND		11	ND		10
1,1-Dichloroethane	34		6.9	ND		170	ND		7.9	ND		7.4
1,1-Dichloroethylene	ND		6.8	ND		160	ND		7.7	ND		7.3
1,2,4-Trichlorobenzene	ND		13	ND		310	ND		14	ND		14
1,2,4-Trimethylbenzene	30		8.4	770		200	ND		9.6	ND		9
1,2-Dibromoethane	ND		13	ND		320	ND		15	ND		14
1,2-Dichlorobenzene	ND		10	ND		250	ND		12	ND		11
1,2-Dichloroethane	ND		6.9	ND		170	ND		7.9	ND		7.4
1,2-Dichloropropane	ND		7.9	ND		190	ND		9	ND		8.5
1,2-Dichlorotetrafluoroethane	ND		12	ND		290	ND		14	ND		13
1,3,5-Trimethylbenzene	ND		8.4	240		200	ND		9.6	ND		9
1,3-Butadiene	ND		7.4	ND		180	ND		8.4	ND		7.9
1,3-Dichlorobenzene	ND		10	ND		250	ND		12	ND		11
1,4-Dichlorobenzene	ND		10	ND		250	ND		12	ND		11
1,4-Dioxane	ND		6.2	ND		150	ND		7	ND		6.6
2,2,4-Trimethylpentane	*NA*		-	*NA*		-	*NA*		-	*NA*		-
2-Butanone (MEK)	13		5	400		120	ND		5.7	9.7		5.4
2-Hexanone	ND		7	ND		170	ND		8	ND		7.5
3-Chloropropene	*NA*		-	*NA*		-	*NA*		-	*NA*		-
4-Methyl-2-pentanone	ND		7	ND		170	11		8	ND		7.5
Acetone	29		4.1	280		98	20		4.6	15		4.4
Benzene	ND		5.5	250		130	ND		6.2	ND		5.8
Benzyl chloride	ND		8.8	ND		210	ND		10	ND		9.5
Bromodichloromethane	ND		11	ND		260	ND		12	ND		11
Bromoform	ND		18	ND		430	ND		20	ND		19
Bromomethane	ND		6.6	ND		160	ND		7.6	ND		7.1
Carbon disulfide	ND		5.3	ND		130	13		6.1	ND		5.7
Carbon tetrachloride	ND		5.4	410		130	ND		6.1	ND		5.8
Chlorobenzene	ND		7.9	340		190	ND		9	ND		8.4
Chloroethane	ND		4.5	ND		110	ND		5.1	ND		4.8
Chloroform	38		8.3	440		200	ND		9.5	ND		8.9
Chloromethane	ND		3.5	ND		85	ND		4	ND		3.8
cis-1,2-Dichloroethylene (DCE)	570		6.8	650		160	ND		7.7	ND		7.3
cis-1,3-Dichloropropylene	ND		7.8	ND		190	ND		8.8	ND		8.3
Cyclohexane	ND		5.9	260		140	ND		6.7	ND		6.3
Dibromochloromethane	ND		14	ND		330	ND		16	ND		15
Dichlorodifluoromethane	ND		8.4	ND		200	ND		9.6	ND		9.1
Ethanol	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Ethyl acetate	ND		6.2	ND		150	ND		7	ND		6.6
Ethyl Benzene	25		7.4	300		180	14		8.5	ND		7.9
Hexachlorobutadiene	ND		18	ND		440	ND		21	ND		20
Isopropanol	ND		4.2	ND		100	ND		4.8	ND		4.5
Methyl Methacrylate	ND		7	ND		170	ND		8	ND		7.5
Methyl tert-butyl ether (MTBE)	ND		6.1	ND		150	ND		7	ND		6.6
Methylene chloride	7.7		5.9	ND		140	11		6.8	21	B	6.4
n-Heptane	ND		7	290		170	ND		8	ND		7.5
n-Hexane	6.6		6	ND		150	9.6		6.9	29		6.5
o-Xylene	38		7.4	500		180	11		8.5	ND		7.9
p- & m- Xylenes	110		15	590		360	44		17	ND		16
p-Ethyltoluene	ND		42	ND		1,000	ND		48	ND		45
Propylene	ND		2.9	ND		71	60		3.4	ND		3.2
Styrene	ND		7.3	490		180	ND		8.3	ND		7.8
Tertiary butyl Alcohol	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Tetrachloroethylene (PCE)	850		12	700		280	ND		13	43		12
Tetrahydrofuran	ND		5	ND		120	ND		5.7	11		5.4
Toluene	10		6.4	340		160	18		7.3	ND		6.9
trans-1,2-Dichloroethylene (DCE)	13		6.8	ND		160	ND		7.7	ND		7.3
trans-1,3-Dichloropropylene	ND		7.8	ND		190	ND		8.8	ND		8.3
Trichloroethylene (TCE)	**5,600**		92	**14,000**		110	ND		5.2	**1,100**		4.9
Trichlorofluoromethane	ND		9.6	ND		230	ND		11	ND		10
Vinyl acetate	ND		6	ND		140	ND		6.9	ND		6.4
Vinyl Bromide	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Vinyl Chloride (VC)	ND		4.4	190		110	ND		5	ND		4.7
Helium (%)	ND		0.84	ND		1	ND		0.96	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed

Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 1: Soil Vapor - VOCs

Data in µg/m^3

Concentrations ≥1000 shown in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method TO-15)	3SB-1 (2014-09-22)			3SB-2 (2014-09-22)		
	Result	*Flag*	*RL*	*Result*	*Flag*	*RL*
1,1,1-Trichloroethane (TCA)	31.6		10.9	14.1		1.09
1,1,2,2-Tetrachloroethane	ND		13.7	ND		1.37
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		15.3	ND		1.53
1,1,2-Trichloroethane	ND		10.9	ND		1.09
1,1-Dichloroethane	ND		8.09	ND		0.809
1,1-Dichloroethylene	ND		7.93	ND		0.793
1,2,4-Trichlorobenzene	ND		14.8	ND		1.48
1,2,4-Trimethylbenzene	11.4		9.83	14.6		0.983
1,2-Dibromoethane	ND		15.4	ND		1.54
1,2-Dichlorobenzene	ND		12	ND		1.2
1,2-Dichloroethane	ND		8.09	ND		0.809
1,2-Dichloropropane	ND		9.24	ND		0.924
1,2-Dichlorotetrafluoroethane	ND		14	ND		1.4
1,3,5-Trimethylbenzene	ND		9.83	4.34		0.983
1,3-Butadiene	ND		4.42	1.06		0.442
1,3-Dichlorobenzene	ND		12	ND		1.2
1,4-Dichlorobenzene	ND		12	ND		1.2
1,4-Dioxane	ND		7.21	ND		0.721
2,2,4-Trimethylpentane	ND		9.34	4.86		0.934
2-Butanone (MEK)	18.9		5.9	11.2		0.59
2-Hexanone	ND		8.2	4.84		0.82
3-Chloropropene	ND		6.26	ND		0.626
4-Methyl-2-pentanone	ND		8.2	87.3		0.82
Acetone	185		23.8	176		2.38
Benzene	ND		6.39	5.91		0.639
Benzyl chloride	ND		10.4	ND		1.04
Bromodichloromethane	ND		13.4	ND		1.34
Bromoform	ND		20.7	ND		2.07
Bromomethane	ND		7.77	ND		0.777
Carbon disulfide	ND		6.23	6.51		0.623
Carbon tetrachloride	ND		12.6	ND		1.26
Chlorobenzene	ND		9.21	ND		0.921
Chloroethane	ND		5.28	ND		0.528
Chloroform	18.6		9.77	2.59		0.977
Chloromethane	ND		4.13	ND		0.413
cis-1,2-Dichloroethylene (DCE)	28.9		7.93	ND		0.793
cis-1,3-Dichloropropylene	ND		9.08	ND		0.908
Cyclohexane	ND		6.88	1.38		0.688
Dibromochloromethane	ND		17	ND		1.7
Dichlorodifluoromethane	9.99		9.89	3.56		0.989
Ethanol	ND		47.1	10.9		4.71
Ethyl acetate	ND		18	ND		1.8
Ethyl Benzene	ND		8.69	7.12		0.869
Hexachlorobutadiene	ND		21.3	ND		2.13
Isopropanol	ND		12.3	1.94		1.23
Methyl Methacrylate	*NA*		-	*NA*		-
Methyl tert-butyl ether (MTBE)	ND		7.21	ND		0.721
Methylene chloride	ND		17.4	7.43		1.74
n-Heptane	ND		8.2	4.18		0.82
n-Hexane	ND		7.05	3.45		0.705
o-Xylene	9.9		8.69	9.9		0.869
p- & m- Xylenes	22.4		17.4	23.8		1.74
p-Ethyltoluene	ND		9.83	4.35		0.983
Propylene	*NA*		-	*NA*		-
Styrene	ND		8.52	ND		0.852
Tertiary butyl Alcohol	ND		15.2	6.4		1.52
Tetrachloroethylene (PCE)	102		13.6	36		1.36
Tetrahydrofuran	ND		5.9	1.57		0.59
Toluene	15.9		7.54	18.7		0.754
trans-1,2-Dichloroethylene (DCE)	ND		7.93	ND		0.793
trans-1,3-Dichloropropylene	ND		9.08	ND		0.908
Trichloroethylene (TCE)	**6,130**	E	10.7	**134**		1.07
Trichlorofluoromethane	ND		11.2	7.64		1.12
Vinyl acetate	*NA*		-	*NA*		-
Vinyl Bromide	ND		8.74	ND		0.874
Vinyl Chloride (VC)	ND		5.11	ND		0.511
Helium (%)	ND		0.175	ND		0.198

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed

Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 2: Soil Vapor - Selected cVOCs

Data in µg/m^3

Concentrations >=1000 shown in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

Comparison of Selected cVOC Results for Soil Vapor

VOCs (TO-15)	SG-1 (2012-02-02)	SG-2 (2012-02-02)	SG-3 (2012-02-02)	SG-4 (2012-02-02)	2SB-2 (2013-07-31)	2SB-3 (2013-07-31)	2SB-4 (2013-07-31)
	Result	*Result*	*Result*	*Result*	*Result*	*Result*	*Result*
TCA	ND	92	150	ND	48	270	20
PCE	19	5.5	830	7.7	**1,000**	**2,500**	540
TCE	ND	59	**35,000**	ND	**33,000**	**43,000**	**12,000**
cis-DCE	ND	2.7	**3,700**	ND	**2,300**	**3,600**	1,500
trans-DCE	ND	ND	110	ND	69	120	11
VC	ND	ND	ND	ND	5.3	ND	ND

VOCs (TO-15)	2SB-6 (2013-07-31)	2SB-7 (2013-07-31)	2SB-8 (2013-07-31)	2SB-10 (2013-07-31)	2SB-16 (2013-12-04)	3SB-1 (2014-09-22)	3SB-2 (2014-09-22)
	Result	*Result*	*Result*	*Result*	*Result*	*Result*	*Result*
TCA	58	**1,000**	430	ND	ND	31.6	14.1
PCE	270	850	700	ND	ND	102	36
TCE	**6,600**	**5,600**	**14,000**	ND	**1,100**	**6,130**	134
cis-DCE	380	570	650	ND	ND	28.9	ND
trans-DCE	11	13	ND	ND	ND	ND	ND
VC	ND	ND	190	ND	ND	ND	ND

Notes:

Table presents only detected soil vapor concentrations of TCE and related compounds, and TCA

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		SB-MW-17 (12-16) (2012-04-19) (Spill Site)			SB-MW-18 (8-12) (2012-04-19) (Spill Site)			MW-19 (10-12) (2012-02-02) (Spill Site)		
	Unrestricted	Restricted-Residential	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
1,1,1,2-Tetrachloroethane	NE	NE	ND		13	ND		560	ND		600
1,1,1-Trichloroethane	680	100,000	ND		13	ND		560	ND		600
1,1,2,2-Tetrachloroethane	NE	NE	ND		13	ND		560	ND		600
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		13	ND		560	ND		600
1,1,2-Trichloroethane	NE	NE	ND		13	ND		560	ND		600
1,1-Dichloroethane	270	26,000	ND		13	ND		560	ND		600
1,1-Dichloroethylene	330	100,000	ND		13	ND		560	ND		600
1,1-Dichloropropylene	NE	NE	ND		13	ND		560	ND		600
1,2,3-Trichlorobenzene	NE	NE	ND		25	ND		1,100	ND		1,200
1,2,3-Trichloropropane	NE	NE	ND		13	ND		560	ND		600
1,2,4-Trichlorobenzene	NE	NE	ND		25	ND		1,100	ND		1,200
1,2,4-Trimethylbenzene	3,600	52,000	ND		13	ND		560	ND		600
1,2-Dibromo-3-chloropropane	NE	NE	ND		25	ND		1,100	ND		1,200
1,2-Dibromoethane	NE	NE	ND		13	ND		560	ND		600
1,2-Dichlorobenzene	1,100	100,000	ND		13	ND		560	ND		600
1,2-Dichloroethane	20	3,100	ND		13	ND		560	ND		600
1,2-Dichloropropane	NE	NE	ND		13	ND		560	ND		600
1,3,5-Trimethylbenzene	8,400	52,000	ND		13	ND		560	ND		600
1,3-Dichlorobenzene	2,400	49,000	ND		13	ND		560	ND		600
1,3-Dichloropropane	NE	NE	ND		13	ND		560	ND		600
1,4-Dichlorobenzene	1,800	13,000	ND		13	ND		560	ND		600
1,4-Dioxane	100	13,000	ND		130	ND		5,600	ND	R	6,000
2,2-Dichloropropane	NE	NE	ND		13	ND		560	ND		600
2-Butanone	120	100,000	ND		25	ND		1,100	ND		1,200
2-Chlorotoluene	NE	NE	ND		13	ND		560	ND		600
2-Hexanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Chlorotoluene	NE	NE	ND		13	ND		560	ND		600
4-Methyl-2-pentanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
Acetone	50	100,000	49	B	25	16	B-dil,B	11	**1,100**	J	1,200
Benzene	60	4,800	ND		13	ND		560	ND		600
Bromobenzene	NE	NE	ND		13	ND		560	ND		600
Bromochloromethane	NE	NE	ND		13	ND		560	ND		600
Bromodichloromethane	NE	NE	ND		13	ND		560	ND		600
Bromoform	NE	NE	ND		13	ND		560	ND		600
Bromomethane	NE	NE	ND		13	290	J	560	ND		600
Carbon disulfide	NE	100	*NA*		-	*NA*		-	*NA*		-
Carbon tetrachloride	760	2,400	ND		13	ND		560	ND		600
Chlorobenzene	1,100	100,000	ND		13	ND		560	ND		600
Chloroethane	NE	NE	ND		13	ND		560	ND		600
Chloroform	370	49,000	ND		13	ND		560	ND		600
Chloromethane	NE	NE	ND		13	ND		560	ND		600
cis-1,2-Dichloroethylene	250	100,000	ND		13	ND		560	ND		600
cis-1,3-Dichloropropylene	NE	NE	ND		13	ND		560	ND		600
Dibromochloromethane	NE	NE	ND		13	ND		560	ND		600
Dibromomethane	NE	NE	ND		13	ND		560	ND		600
Dichlorodifluoromethane	NE	NE	ND		13	ND		560	ND		600
Ethyl Benzene	1,000	41,000	ND		13	ND		560	260	J	600
Hexachlorobutadiene	NE	NE	ND		13	ND		560	ND		600
Isopropylbenzene	2,300	100,000	ND		13	ND		560	250	J	600
Methyl tert-butyl ether (MTBE)	930	100,000	ND		13	ND		560	ND		600
Methylene chloride	50	500,000	23	J,B	25	8.1	B-dil,J,B	11	2.3	B-dil,J, B	12
Naphthalene	12,000	NE	ND		25	ND		1,100	2,900		1,200
n-Butylbenzene	12,000	100,000	ND		13	ND		560	450	J	600
n-Propylbenzene	3,900	100,000	ND		13	ND		560	440	J	600
o-Xylene	NE	NE	ND		13	ND		560	130	J	600
p- & m- Xylenes	NE	NE	ND		25	ND		1,100	ND		1,200
p-Isopropyltoluene	10,000	NE	ND		13	ND		560	ND		600
sec-Butylbenzene	11,000	100,000	ND		13	ND		560	330	J	600
Styrene	NE	NE	ND		13	ND		560	ND		600
tert-Butylbenzene	5,900	100,000	ND		13	ND		560	ND		600
Tetrachloroethylene	1,300	19,000	ND		13	ND		560	ND		600
Toluene	700	100,000	ND		13	ND		560	ND		600
trans-1,2-Dichloroethylene	190	100,000	ND		13	ND		560	ND		600
trans-1,3-Dichloropropylene	NE	NE	ND		13	ND		560	ND		600
Trichloroethylene	470	21,000	2.4	J	13	ND		560	ND		600
Trichlorofluoromethane	NE	NE	ND		13	ND		560	ND		600
Vinyl acetate	NE	NE	*NA*		-	*NA*		-	*NA*		-
Vinyl Chloride	20	900	ND		13	ND		560	ND		600
Xylenes, Total	260	100,000	ND		38	ND		1,700	ND		1,800
Total TICs	NE	NE	*NA*		-	*NA*		-	28,891		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

IHWD ID: 224136

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		MW-23 (2012-07-25)			MW-24 (2012-07-25)			MW-25 (2012-07-25)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	ND		6.1	ND		6.3	ND		560
1,1,1-Trichloroethane	680	100,000	ND		6.1	ND		6.3	ND		560
1,1,2,2-Tetrachloroethane	NE	NE	ND		6.1	ND		6.3	ND		560
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		6.1	ND		6.3	ND		560
1,1,2-Trichloroethane	NE	NE	ND		6.1	ND		6.3	ND		560
1,1-Dichloroethane	270	26,000	ND		6.1	ND		6.3	ND		560
1,1-Dichloroethylene	330	100,000	ND		6.1	ND		6.3	ND		560
1,1-Dichloropropylene	NE	NE	ND		6.1	ND		6.3	ND		560
1,2,3-Trichlorobenzene	NE	NE	ND		12	ND		13	ND		1,100
1,2,3-Trichloropropane	NE	NE	ND		6.1	ND		6.3	ND		560
1,2,4-Trichlorobenzene	NE	NE	ND		12	ND		13	ND		1,100
1,2,4-Trimethylbenzene	3,600	52,000	ND		6.1	ND		6.3	ND		560
1,2-Dibromo-3-chloropropane	NE	NE	ND		12	ND		13	ND		1,100
1,2-Dibromoethane	NE	NE	ND		6.1	ND		6.3	ND		560
1,2-Dichlorobenzene	1,100	100,000	ND		6.1	ND		6.3	ND		560
1,2-Dichloroethane	20	3,100	ND		6.1	ND		6.3	ND		560
1,2-Dichloropropane	NE	NE	ND		6.1	ND		6.3	ND		560
1,3,5-Trimethylbenzene	8,400	52,000	ND		6.1	ND		6.3	ND		560
1,3-Dichlorobenzene	2,400	49,000	ND		6.1	ND		6.3	ND		560
1,3-Dichloropropane	NE	NE	ND		6.1	ND		6.3	ND		560
1,4-Dichlorobenzene	1,800	13,000	ND		6.1	ND		6.3	ND		560
1,4-Dioxane	100	13,000	ND		61	ND		63	ND		5,600
2,2-Dichloropropane	NE	NE	ND		6.1	ND		6.3	ND		560
2-Butanone	120	100,000	ND		12	ND		13	ND		1,100
2-Chlorotoluene	NE	NE	ND		6.1	ND		6.3	ND		560
2-Hexanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Chlorotoluene	NE	NE	ND		6.1	ND		6.3	ND		560
4-Methyl-2-pentanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
Acetone	50	100,000	9.4	J	12	19		13	ND	B-Dil	11
Benzene	60	4,800	ND		6.1	ND		6.3	ND		560
Bromobenzene	NE	NE	ND		6.1	ND		6.3	ND		560
Bromochloromethane	NE	NE	ND		6.1	ND		6.3	ND		560
Bromodichloromethane	NE	NE	ND		6.1	ND		6.3	ND		560
Bromoform	NE	NE	ND		6.1	ND		6.3	ND		560
Bromomethane	NE	NE	ND		6.1	ND		6.3	ND		560
Carbon disulfide	NE	100	*NA*		-	*NA*		-	*NA*		-
Carbon tetrachloride	760	2,400	ND		6.1	ND		6.3	ND		560
Chlorobenzene	1,100	100,000	ND		6.1	ND		6.3	ND		560
Chloroethane	NE	NE	ND		6.1	ND		6.3	ND		560
Chloroform	370	49,000	ND		6.1	ND		6.3	ND		560
Chloromethane	NE	NE	ND		6.1	ND		6.3	ND		560
cis-1,2-Dichloroethylene	250	100,000	ND		6.1	ND		6.3	ND		560
cis-1,3-Dichloropropylene	NE	NE	ND		6.1	ND		6.3	ND		560
Dibromochloromethane	NE	NE	ND		6.1	ND		6.3	ND		560
Dibromomethane	NE	NE	ND		6.1	ND		6.3	ND		560
Dichlorodifluoromethane	NE	NE	ND		6.1	ND		6.3	ND		560
Ethyl Benzene	1,000	41,000	ND		6.1	ND		6.3	ND		560
Hexachlorobutadiene	NE	NE	ND		6.1	ND		6.3	ND		560
Isopropylbenzene	2,300	100,000	ND		6.1	ND		6.3	ND		560
Methyl tert-butyl ether (MTBE)	930	100,000	ND		6.1	ND		6.3	ND		560
Methylene chloride	50	500,000	11	J, B	12	6.3	J, B	13	1.1	B-dil,J, B	11
Naphthalene	12,000	NE	ND		12	ND		13	ND		1,100
n-Butylbenzene	12,000	100,000	ND		6.1	ND		6.3	ND		560
n-Propylbenzene	3,900	100,000	ND		6.1	ND		6.3	ND		560
o-Xylene	NE	NE	ND		6.1	ND		6.3	ND		560
p- & m- Xylenes	NE	NE	ND		12	ND		13	ND		1,100
p-Isopropyltoluene	10,000	NE	ND		6.1	ND		6.3	ND		560
sec-Butylbenzene	11,000	100,000	ND		6.1	ND		6.3	ND		560
Styrene	NE	NE	ND		6.1	ND		6.3	ND		560
tert-Butylbenzene	5,900	100,000	ND		6.1	ND		6.3	ND		560
Tetrachloroethylene	1,300	19,000	ND		6.1	ND		6.3	ND		560
Toluene	700	100,000	ND		6.1	ND		6.3	ND		560
trans-1,2-Dichloroethylene	190	100,000	ND		6.1	ND		6.3	ND		560
trans-1,3-Dichloropropylene	NE	NE	ND		6.1	ND		6.3	ND		560
Trichloroethylene	470	21,000	ND		6.1	ND		6.3	ND		560
Trichlorofluoromethane	NE	NE	ND		6.1	ND		6.3	ND		560
Vinyl acetate	NE	NE	ND		12	ND		13	ND		1,100
Vinyl Chloride	20	900	ND		6.1	ND		6.3	ND		560
Xylenes, Total	260	100,000	ND		18	ND		19	ND		1,700
Total TICs	NE	NE	ND		-	ND		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		MW-26 (2012-09-24)			MW-27 (2012-09-24)			MW-28 (2013-01-15)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	ND		6.5	ND		6.4	ND		6.1
1,1,1-Trichloroethane	680	100,000	ND		6.5	ND		6.4	ND		6.1
1,1,2,2-Tetrachloroethane	NE	NE	ND	R	6.5	ND		6.4	ND		6.1
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		6.5	ND		6.4	ND		6.1
1,1,2-Trichloroethane	NE	NE	ND		6.5	ND		6.4	ND		6.1
1,1-Dichloroethane	270	26,000	ND		6.5	ND		6.4	ND		6.1
1,1-Dichloroethylene	330	100,000	ND		6.5	ND		6.4	ND		6.1
1,1-Dichloropropylene	NE	NE	ND		6.5	ND		6.4	ND		6.1
1,2,3-Trichlorobenzene	NE	NE	1.1	J	13	ND		13	ND		12
1,2,3-Trichloropropane	NE	NE	ND	R	6.5	ND		6.4	ND		6.1
1,2,4-Trichlorobenzene	NE	NE	ND	R	13	ND		13	ND		12
1,2,4-Trimethylbenzene	3,600	52,000	ND	R	6.5	ND		6.4	ND		6.1
1,2-Dibromo-3-chloropropane	NE	NE	ND	R	13	ND		13	ND		12
1,2-Dibromoethane	NE	NE	ND		6.5	ND		6.4	ND		6.1
1,2-Dichlorobenzene	1,100	100,000	8.5		6.5	ND		6.4	ND		6.1
1,2-Dichloroethane	20	3,100	ND		6.5	ND		6.4	ND		6.1
1,2-Dichloropropane	NE	NE	ND		6.5	ND		6.4	ND		6.1
1,3,5-Trimethylbenzene	8,400	52,000	ND	R	6.5	ND		6.4	ND		6.1
1,3-Dichlorobenzene	2,400	49,000	ND	R	6.5	ND		6.4	ND		6.1
1,3-Dichloropropane	NE	NE	ND		6.5	ND		6.4	ND		6.1
1,4-Dichlorobenzene	1,800	13,000	2.1	J	6.5	ND		6.4	ND		6.1
1,4-Dioxane	100	13,000	ND		65	ND		64	ND		61
2,2-Dichloropropane	NE	NE	ND		6.5	ND		6.4	ND		6.1
2-Butanone	120	100,000	3	J	13	ND		13	ND		12
2-Chlorotoluene	NE	NE	ND	R	6.5	ND		6.4	ND		6.1
2-Hexanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Chlorotoluene	NE	NE	ND	R	6.5	ND		6.4	ND		6.1
4-Methyl-2-pentanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
Acetone	50	100,000	19	B	13	46	B	13	ND		12
Benzene	60	4,800	ND		6.5	ND		6.4	ND		6.1
Bromobenzene	NE	NE	ND	R	6.5	ND		6.4	ND		6.1
Bromochloromethane	NE	NE	ND		6.5	ND		6.4	ND		6.1
Bromodichloromethane	NE	NE	ND		6.5	ND		6.4	ND		6.1
Bromoform	NE	NE	ND	R	6.5	ND		6.4	ND		6.1
Bromomethane	NE	NE	ND		6.5	ND		6.4	ND		6.1
Carbon disulfide	NE	100	*NA*		-	*NA*		-	*NA*		-
Carbon tetrachloride	760	2,400	ND		6.5	ND		6.4	ND		6.1
Chlorobenzene	1,100	100,000	ND		6.5	ND		6.4	ND		6.1
Chloroethane	NE	NE	ND		6.5	ND		6.4	ND		6.1
Chloroform	370	49,000	ND		6.5	ND		6.4	ND		6.1
Chloromethane	NE	NE	ND		6.5	ND		6.4	ND		6.1
cis-1,2-Dichloroethylene	250	100,000	ND		6.5	ND		6.4	ND		6.1
cis-1,3-Dichloropropylene	NE	NE	ND		6.5	ND		6.4	ND		6.1
Dibromochloromethane	NE	NE	ND		6.5	ND		6.4	ND		6.1
Dibromomethane	NE	NE	ND		6.5	ND		6.4	ND		6.1
Dichlorodifluoromethane	NE	NE	ND		6.5	ND		6.4	ND		6.1
Ethyl Benzene	1,000	41,000	ND		6.5	ND		6.4	ND		6.1
Hexachlorobutadiene	NE	NE	ND	R	6.5	ND		6.4	ND		6.1
Isopropylbenzene	2,300	100,000	7.5		6.5	ND		6.4	ND		6.1
Methyl tert-butyl ether (MTBE)	930	100,000	ND		6.5	ND		6.4	ND		6.1
Methylene chloride	50	500,000	3.2	J,B	13	2.9	J,B	13	ND		12
Naphthalene	12,000	NE	3.6	J	13	ND		13	ND		12
n-Butylbenzene	12,000	100,000	13		6.5	ND		6.4	ND		6.1
n-Propylbenzene	3,900	100,000	4.3	J	6.5	ND		6.4	ND		6.1
o-Xylene	NE	NE	ND		6.5	ND		6.4	ND		6.1
p- & m- Xylenes	NE	NE	ND		13	ND		13	ND		12
p-Isopropyltoluene	10,000	NE	2.2	J	6.5	ND		6.4	ND		6.1
sec-Butylbenzene	11,000	100,000	13		6.5	ND		6.4	ND		6.1
Styrene	NE	NE	ND		6.5	ND		6.4	ND		6.1
tert-Butylbenzene	5,900	100,000	ND	R	6.5	ND		6.4	ND		6.1
Tetrachloroethylene	1,300	19,000	ND		6.5	ND		6.4	ND		6.1
Toluene	700	100,000	ND		6.5	ND		6.4	ND		6.1
trans-1,2-Dichloroethylene	190	100,000	ND		6.5	ND		6.4	ND		6.1
trans-1,3-Dichloropropylene	NE	NE	ND		6.5	ND		6.4	ND		6.1
Trichloroethylene	470	21,000	ND		6.5	ND		6.4	ND		6.1
Trichlorofluoromethane	NE	NE	ND		6.5	ND		6.4	ND		6.1
Vinyl acetate	NE	NE	ND		13	ND		13	ND		12
Vinyl Chloride	20	900	ND		6.5	ND		6.4	ND		6.1
Xylenes, Total	260	100,000	ND		20	ND		19	ND		18
Total TICs	NE	NE	455		-	ND		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		MW-29 (2013-01-08)			MW-30 (10-15) (2013-07-31)			MW-31 (10-15) (2013-07-31)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	ND		2	ND		4.9	ND		5.5
1,1,1-Trichloroethane	680	100,000	ND		2	ND		4.9	ND		5.5
1,1,2,2-Tetrachloroethane	NE	NE	ND		2	ND		4.9	ND		5.5
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		2	ND		4.9	ND		5.5
1,1,2-Trichloroethane	NE	NE	ND		2	ND		4.9	ND		5.5
1,1-Dichloroethane	270	26,000	ND		2	ND		4.9	ND		5.5
1,1-Dichloroethylene	330	100,000	ND		2	ND		4.9	ND		5.5
1,1-Dichloropropylene	NE	NE	ND		2	ND		4.9	ND		5.5
1,2,3-Trichlorobenzene	NE	NE	ND		4.1	ND		4.9	ND		5.5
1,2,3-Trichloropropane	NE	NE	ND		2	ND		4.9	ND		5.5
1,2,4-Trichlorobenzene	NE	NE	ND		4.1	ND		4.9	ND		5.5
1,2,4-Trimethylbenzene	3,600	52,000	ND		2	ND		4.9	ND		5.5
1,2-Dibromo-3-chloropropane	NE	NE	ND		4.1	ND		4.9	ND		5.5
1,2-Dibromoethane	NE	NE	ND		2	ND		4.9	ND		5.5
1,2-Dichlorobenzene	1,100	100,000	ND		2	ND		4.9	ND		5.5
1,2-Dichloroethane	20	3,100	ND		2	ND		4.9	ND		5.5
1,2-Dichloropropane	NE	NE	ND		2	ND		4.9	ND		5.5
1,3,5-Trimethylbenzene	8,400	52,000	ND		2	ND		4.9	ND		5.5
1,3-Dichlorobenzene	2,400	49,000	ND		2	ND		4.9	ND		5.5
1,3-Dichloropropane	NE	NE	ND		2	ND		4.9	ND		5.5
1,4-Dichlorobenzene	1,800	13,000	ND		2	ND		4.9	ND		5.5
1,4-Dioxane	100	13,000	ND	R	20	ND		98	ND		110
2,2-Dichloropropane	NE	NE	ND		2	ND		4.9	ND		5.5
2-Butanone	120	100,000	ND		4.1	ND		4.9	ND		5.5
2-Chlorotoluene	NE	NE	ND		2	ND		4.9	ND		5.5
2-Hexanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Chlorotoluene	NE	NE	ND		2	ND		4.9	ND		5.5
4-Methyl-2-pentanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
Acetone	50	100,000	2.1		4.1	ND		9.8	3.7	J,B	11
Benzene	60	4,800	ND		2	ND		4.9	ND		5.5
Bromobenzene	NE	NE	ND		2	ND		4.9	ND		5.5
Bromochloromethane	NE	NE	ND		2	ND		4.9	ND		5.5
Bromodichloromethane	NE	NE	ND		2	ND		4.9	ND		5.5
Bromoform	NE	NE	ND		2	ND		4.9	ND		5.5
Bromomethane	NE	NE	ND		2	ND		4.9	ND		5.5
Carbon disulfide	NE	100	*NA*		-	*NA*		-	*NA*		-
Carbon tetrachloride	760	2,400	ND		2	ND		4.9	ND		5.5
Chlorobenzene	1,100	100,000	ND		2	ND		4.9	ND		5.5
Chloroethane	NE	NE	ND		2	ND		4.9	ND		5.5
Chloroform	370	49,000	ND		2	ND		4.9	ND		5.5
Chloromethane	NE	NE	ND		2	ND		4.9	ND		5.5
cis-1,2-Dichloroethylene	250	100,000	ND		2	ND		4.9	ND		5.5
cis-1,3-Dichloropropylene	NE	NE	ND		2	ND		4.9	ND		5.5
Dibromochloromethane	NE	NE	ND		2	ND		4.9	ND		5.5
Dibromomethane	NE	NE	ND		2	ND		4.9	ND		5.5
Dichlorodifluoromethane	NE	NE	ND		2	ND		4.9	ND		5.5
Ethyl Benzene	1,000	41,000	ND		2	ND		4.9	ND		5.5
Hexachlorobutadiene	NE	NE	ND		2	ND		4.9	ND		5.5
Isopropylbenzene	2,300	100,000	ND		2	ND		4.9	ND		5.5
Methyl tert-butyl ether (MTBE)	930	100,000	ND		2	ND		4.9	ND		5.5
Methylene chloride	50	500,000	ND		4.1	ND		9.8	ND		11
Naphthalene	12,000	NE	ND		4.1	ND		9.8	ND		11
n-Butylbenzene	12,000	100,000	ND		2	ND		4.9	ND		5.5
n-Propylbenzene	3,900	100,000	ND		2	ND		4.9	ND		5.5
o-Xylene	NE	NE	ND		2	ND		4.9	ND		5.5
p- & m- Xylenes	NE	NE	ND		4.1	ND		9.8	ND		11
p-Isopropyltoluene	10,000	NE	ND		2	ND		4.9	ND		5.5
sec-Butylbenzene	11,000	100,000	ND		2	ND		4.9	ND		5.5
Styrene	NE	NE	ND		2	ND		4.9	ND		5.5
tert-Butylbenzene	5,900	100,000	ND		2	ND		4.9	ND		5.5
Tetrachloroethylene	1,300	19,000	ND		2	ND		4.9	ND		5.5
Toluene	700	100,000	ND		2	ND		4.9	ND		5.5
trans-1,2-Dichloroethylene	190	100,000	ND		2	ND		4.9	ND		5.5
trans-1,3-Dichloropropylene	NE	NE	ND		2	ND		4.9	ND		5.5
Trichloroethylene	470	21,000	ND		2	ND		4.9	ND		5.5
Trichlorofluoromethane	NE	NE	ND		2	ND		4.9	ND		5.5
Vinyl acetate	NE	NE	ND		4.1	ND		4.9	ND		5.5
Vinyl Chloride	20	900	ND		2	ND		4.9	ND		5.5
Xylenes, Total	260	100,000	ND		6.1	ND		15	ND		16
Total TICs	NE	NE	ND		-	ND		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		MW-32 (0-5) (2013-07-31)			MW-32 (10-15) (2013-07-31)			2SB-1/MW-34 (10-15) (2013-08-01)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	ND		5	ND		5	ND		4.9
1,1,1-Trichloroethane	680	100,000	ND		5	ND		5	ND		4.9
1,1,2,2-Tetrachloroethane	NE	NE	ND		5	ND		5	ND		4.9
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		5	ND		5	ND		4.9
1,1,2-Trichloroethane	NE	NE	ND		5	ND		5	ND		4.9
1,1-Dichloroethane	270	26,000	ND		5	ND		5	ND		4.9
1,1-Dichloroethylene	330	100,000	ND		5	ND		5	ND		4.9
1,1-Dichloropropylene	NE	NE	ND		5	ND		5	ND		4.9
1,2,3-Trichlorobenzene	NE	NE	ND		5	ND		5	ND		4.9
1,2,3-Trichloropropane	NE	NE	ND		5	ND		5	ND		4.9
1,2,4-Trichlorobenzene	NE	NE	ND		5	ND		5	ND		4.9
1,2,4-Trimethylbenzene	3,600	52,000	ND		5	ND		5	ND		4.9
1,2-Dibromo-3-chloropropane	NE	NE	ND		5	ND		5	ND		4.9
1,2-Dibromoethane	NE	NE	ND		5	ND		5	ND		4.9
1,2-Dichlorobenzene	1,100	100,000	ND		5	ND		5	ND		4.9
1,2-Dichloroethane	20	3,100	ND		5	ND		5	ND		4.9
1,2-Dichloropropane	NE	NE	ND		5	ND		5	ND		4.9
1,3,5-Trimethylbenzene	8,400	52,000	ND		5	ND		5	ND		4.9
1,3-Dichlorobenzene	2,400	49,000	ND		5	ND		5	ND		4.9
1,3-Dichloropropane	NE	NE	ND		5	ND		5	ND		4.9
1,4-Dichlorobenzene	1,800	13,000	ND		5	ND		5	ND		4.9
1,4-Dioxane	100	13,000	ND		100	ND		100	ND		98
2,2-Dichloropropane	NE	NE	ND		5	ND		5	ND		4.9
2-Butanone	120	100,000	ND		5	ND		5	ND		4.9
2-Chlorotoluene	NE	NE	ND		5	ND		5	ND		4.9
2-Hexanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Chlorotoluene	NE	NE	ND		5	ND		5	ND		4.9
4-Methyl-2-pentanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
Acetone	50	100,000	3.5	J,B	10	15	B	10	ND		9.8
Benzene	60	4,800	ND		5	ND		5	ND		4.9
Bromobenzene	NE	NE	ND		5	ND		5	ND		4.9
Bromochloromethane	NE	NE	ND		5	ND		5	ND		4.9
Bromodichloromethane	NE	NE	ND		5	ND		5	ND		4.9
Bromoform	NE	NE	ND		5	ND		5	ND		4.9
Bromomethane	NE	NE	ND		5	ND		5	ND		4.9
Carbon disulfide	NE	100	*NA*		-	*NA*		-	*NA*		-
Carbon tetrachloride	760	2,400	ND		5	ND		5	ND		4.9
Chlorobenzene	1,100	100,000	ND		5	ND		5	ND		4.9
Chloroethane	NE	NE	ND		5	ND		5	ND		4.9
Chloroform	370	49,000	ND		5	ND		5	ND		4.9
Chloromethane	NE	NE	ND		5	ND		5	ND		4.9
cis-1,2-Dichloroethylene	250	100,000	ND		5	ND		5	96		4.9
cis-1,3-Dichloropropylene	NE	NE	ND		5	ND		5	ND		4.9
Dibromochloromethane	NE	NE	ND		5	ND		5	ND		4.9
Dibromomethane	NE	NE	ND		5	ND		5	ND		4.9
Dichlorodifluoromethane	NE	NE	ND		5	ND		5	ND		4.9
Ethyl Benzene	1,000	41,000	ND		5	ND		5	ND		4.9
Hexachlorobutadiene	NE	NE	ND		5	ND		5	ND		4.9
Isopropylbenzene	2,300	100,000	ND		5	ND		5	ND		4.9
Methyl tert-butyl ether (MTBE)	930	100,000	ND		5	ND		5	ND		4.9
Methylene chloride	50	500,000	ND		10	ND		10	ND		9.8
Naphthalene	12,000	NE	ND		10	ND		10	ND		9.8
n-Butylbenzene	12,000	100,000	ND		5	ND		5	ND		4.9
n-Propylbenzene	3,900	100,000	ND		5	ND		5	ND		4.9
o-Xylene	NE	NE	ND		5	ND		5	ND		4.9
p- & m- Xylenes	NE	NE	ND		10	ND		10	ND		9.8
p-Isopropyltoluene	10,000	NE	ND		5	ND		5	ND		4.9
sec-Butylbenzene	11,000	100,000	ND		5	ND		5	ND		4.9
Styrene	NE	NE	ND		5	ND		5	ND		4.9
tert-Butylbenzene	5,900	100,000	ND		5	ND		5	ND		4.9
Tetrachloroethylene	1,300	19,000	ND		5	ND		5	ND		4.9
Toluene	700	100,000	ND		5	ND		5	ND		4.9
trans-1,2-Dichloroethylene	190	100,000	ND		5	ND		5	ND		4.9
trans-1,3-Dichloropropylene	NE	NE	ND		5	ND		5	ND		4.9
Trichloroethylene	470	21,000	ND		5	ND		5	**1,000**		490
Trichlorofluoromethane	NE	NE	ND		5	ND		5	ND		4.9
Vinyl acetate	NE	NE	ND		5	ND		5	ND		4.9
Vinyl Chloride	20	900	ND		5	ND		5	ND		4.9
Xylenes, Total	260	100,000	ND		15	ND		15	ND		15
Total TICs	NE	NE	ND		-	ND		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		2SB-1/MW-34 (15-20) (2013-08-01)			2SB-9/MW-35 (0-5) (2013-08-01)			2SB-9/MW-35 (10-15) (2013-08-01)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	ND		4.8	ND		4.6	ND		6
1,1,1-Trichloroethane	680	100,000	ND		4.8	ND		4.6	ND		6
1,1,2,2-Tetrachloroethane	NE	NE	ND		4.8	ND		4.6	ND		6
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		4.8	ND		4.6	ND		6
1,1,2-Trichloroethane	NE	NE	ND		4.8	ND		4.6	ND		6
1,1-Dichloroethane	270	26,000	ND		4.8	ND		4.6	ND		6
1,1-Dichloroethylene	330	100,000	ND		4.8	ND		4.6	ND		6
1,1-Dichloropropylene	NE	NE	ND		4.8	ND		4.6	ND		6
1,2,3-Trichlorobenzene	NE	NE	ND		4.8	ND		4.6	ND		6
1,2,3-Trichloropropane	NE	NE	ND		4.8	ND		4.6	ND		6
1,2,4-Trichlorobenzene	NE	NE	ND		4.8	ND		4.6	ND		6
1,2,4-Trimethylbenzene	3,600	52,000	ND		4.8	ND		4.6	ND		6
1,2-Dibromo-3-chloropropane	NE	NE	ND		4.8	ND		4.6	ND		6
1,2-Dibromoethane	NE	NE	ND		4.8	ND		4.6	ND		6
1,2-Dichlorobenzene	1,100	100,000	ND		4.8	ND		4.6	ND		6
1,2-Dichloroethane	20	3,100	ND		4.8	ND		4.6	ND		6
1,2-Dichloropropane	NE	NE	ND		4.8	ND		4.6	ND		6
1,3,5-Trimethylbenzene	8,400	52,000	ND		4.8	ND		4.6	ND		6
1,3-Dichlorobenzene	2,400	49,000	ND		4.8	ND		4.6	ND		6
1,3-Dichloropropane	NE	NE	ND		4.8	ND		4.6	ND		6
1,4-Dichlorobenzene	1,800	13,000	ND		4.8	ND		4.6	ND		6
1,4-Dioxane	100	13,000	ND		96	ND		93	ND		120
2,2-Dichloropropane	NE	NE	ND		4.8	ND		4.6	ND		6
2-Butanone	120	100,000	ND		4.8	ND		4.6	ND		6
2-Chlorotoluene	NE	NE	ND		4.8	ND		4.6	ND		6
2-Hexanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Chlorotoluene	NE	NE	ND		4.8	ND		4.6	ND		6
4-Methyl-2-pentanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
Acetone	50	100,000	ND		9.6	ND		9.3	ND		12
Benzene	60	4,800	ND		4.8	ND		4.6	ND		6
Bromobenzene	NE	NE	ND		4.8	ND		4.6	ND		6
Bromochloromethane	NE	NE	ND		4.8	ND		4.6	ND		6
Bromodichloromethane	NE	NE	ND		4.8	ND		4.6	ND		6
Bromoform	NE	NE	ND		4.8	ND		4.6	ND		6
Bromomethane	NE	NE	ND		4.8	ND		4.6	ND		6
Carbon disulfide	NE	100	*NA*		-	*NA*		-	*NA*		-
Carbon tetrachloride	760	2,400	ND		4.8	ND		4.6	ND		6
Chlorobenzene	1,100	100,000	ND		4.8	ND		4.6	ND		6
Chloroethane	NE	NE	ND		4.8	ND		4.6	ND		6
Chloroform	370	49,000	ND		4.8	ND		4.6	ND		6
Chloromethane	NE	NE	ND		4.8	ND		4.6	ND		6
cis-1,2-Dichloroethylene	250	100,000	**430**	J	480	ND		4.6	6.9		6
cis-1,3-Dichloropropylene	NE	NE	ND		4.8	ND		4.6	ND		6
Dibromochloromethane	NE	NE	ND		4.8	ND		4.6	ND		6
Dibromomethane	NE	NE	ND		4.8	ND		4.6	ND		6
Dichlorodifluoromethane	NE	NE	ND		4.8	ND		4.6	ND		6
Ethyl Benzene	1,000	41,000	ND		4.8	ND		4.6	ND		6
Hexachlorobutadiene	NE	NE	ND		4.8	ND		4.6	ND		6
Isopropylbenzene	2,300	100,000	ND		4.8	ND		4.6	ND		6
Methyl tert-butyl ether (MTBE)	930	100,000	ND		4.8	ND		4.6	ND		6
Methylene chloride	50	500,000	ND		9.6	ND		9.3	ND		12
Naphthalene	12,000	NE	ND		9.6	ND		9.3	ND		12
n-Butylbenzene	12,000	100,000	ND		4.8	ND		4.6	ND		6
n-Propylbenzene	3,900	100,000	ND		4.8	ND		4.6	ND		6
o-Xylene	NE	NE	ND		4.8	ND		4.6	ND		6
p- & m- Xylenes	NE	NE	ND		9.6	ND		9.3	ND		12
p-Isopropyltoluene	10,000	NE	ND		4.8	ND		4.6	ND		6
sec-Butylbenzene	11,000	100,000	ND		4.8	ND		4.6	ND		6
Styrene	NE	NE	ND		4.8	ND		4.6	ND		6
tert-Butylbenzene	5,900	100,000	ND		4.8	ND		4.6	ND		6
Tetrachloroethylene	1,300	19,000	3.2	J	4.8	ND		4.6	ND		6
Toluene	700	100,000	ND		4.8	ND		4.6	ND		6
trans-1,2-Dichloroethylene	190	100,000	ND		4.8	ND		4.6	ND		6
trans-1,3-Dichloropropylene	NE	NE	ND		4.8	ND		4.6	ND		6
Trichloroethylene	470	21,000	**2,700**		480	7.4		4.6	33		6
Trichlorofluoromethane	NE	NE	ND		4.8	ND		4.6	ND		6
Vinyl acetate	NE	NE	ND		4.8	ND		4.6	ND		6
Vinyl Chloride	20	900	6.2		4.8	ND		4.6	ND		6
Xylenes, Total	260	100,000	ND		14	ND		14	ND		18
Total TICs	NE	NE	ND		-	ND		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		MW-36 (11-12) (2014-07-30)			MW-37 (11-12) (2014-07-30)			MW-Dup-01 (2014-07-30) (mw-37 11-12)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,1,1-Trichloroethane	680	100,000	ND		2.5	ND		2.6	ND		2.9
1,1,2,2-Tetrachloroethane	NE	NE	ND		2.5	ND		2.6	ND		2.9
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		2.5	ND		2.6	ND		2.9
1,1,2-Trichloroethane	NE	NE	ND		2.5	ND		2.6	ND		2.9
1,1-Dichloroethane	270	26,000	ND		2.5	ND		2.6	ND		2.9
1,1-Dichloroethylene	330	100,000	ND		2.5	ND		2.6	ND		2.9
1,1-Dichloropropylene	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichlorobenzene	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,4-Trichlorobenzene	NE	NE	ND		2.5	ND		2.6	ND		2.9
1,2,4-Trimethylbenzene	3,600	52,000	ND		2.5	ND		2.6	ND		2.9
1,2-Dibromo-3-chloropropane	NE	NE	ND		2.5	ND		2.6	ND		2.9
1,2-Dibromoethane	NE	NE	ND		2.5	ND		2.6	ND		2.9
1,2-Dichlorobenzene	1,100	100,000	ND		2.5	ND		2.6	ND		2.9
1,2-Dichloroethane	20	3,100	ND		2.5	ND		2.6	ND		2.9
1,2-Dichloropropane	NE	NE	ND		2.5	ND		2.6	ND		2.9
1,3,5-Trimethylbenzene	8,400	52,000	ND		2.5	ND		2.6	ND		2.9
1,3-Dichlorobenzene	2,400	49,000	*NA*		-	*NA*		-	*NA*		-
1,3-Dichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,4-Dichlorobenzene	1,800	13,000	*NA*		-	*NA*		-	*NA*		-
1,4-Dioxane	100	13,000	*NA*		-	*NA*		-	*NA*		-
2,2-Dichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
2-Butanone	120	100,000	ND		2.5	ND		2.6	ND		2.9
2-Chlorotoluene	NE	NE	*NA*		-	*NA*		-	*NA*		-
2-Hexanone	NE	NE	ND		2.5	ND		2.6	ND		2.9
4-Chlorotoluene	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Methyl-2-pentanone	NE	NE	ND		2.5	ND		2.6	ND		2.9
Acetone	50	100,000	20		2.5	12		2.6	38		2.9
Benzene	60	4,800	ND		2.5	ND		2.6	ND		2.9
Bromobenzene	NE	NE	*NA*		-	*NA*		-	*NA*		-
Bromochloromethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
Bromodichloromethane	NE	NE	ND		2.5	ND		2.6	ND		2.9
Bromoform	NE	NE	ND		2.5	ND		2.6	ND		2.9
Bromomethane	NE	NE	ND		2.5	ND		2.6	ND		2.9
Carbon disulfide	NE	100	ND		2.5	ND		2.6	ND		2.9
Carbon tetrachloride	760	2,400	ND		2.5	ND		2.6	ND		2.9
Chlorobenzene	1,100	100,000	ND		2.5	ND		2.6	ND		2.9
Chloroethane	NE	NE	ND		2.5	ND		2.6	ND		2.9
Chloroform	370	49,000	ND		2.5	ND		2.6	ND		2.9
Chloromethane	NE	NE	ND		2.5	ND		2.6	ND		2.9
cis-1,2-Dichloroethylene	250	100,000	ND		2.5	ND		2.6	ND		2.9
cis-1,3-Dichloropropylene	NE	NE	ND		2.5	ND		2.6	ND		2.9
Dibromochloromethane	NE	NE	ND		2.5	ND		2.6	ND		2.9
Dibromomethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
Dichlorodifluoromethane	NE	NE	ND		2.5	ND		2.6	ND		2.9
Ethyl Benzene	1,000	41,000	ND		2.5	ND		2.6	ND		2.9
Hexachlorobutadiene	NE	NE	*NA*		-	*NA*		-	*NA*		-
Isopropylbenzene	2,300	100,000	*NA*		-	*NA*		-	*NA*		-
Methyl tert-butyl ether (MTBE)	930	100,000	ND		2.5	ND		2.6	ND		2.9
Methylene chloride	50	500,000	ND		2.5	3.5	J	2.6	ND		2.9
Naphthalene	12,000	NE	ND		2.5	ND		2.6	ND		2.9
n-Butylbenzene	12,000	100,000	ND		2.5	ND		2.6	ND		2.9
n-Propylbenzene	3,900	100,000	ND		2.5	ND		2.6	ND		2.9
o-Xylene	NE	NE	ND		2.5	ND		2.6	ND		2.9
p- & m- Xylenes	NE	NE	ND		2.5	ND		2.6	ND		2.9
p-Isopropyltoluene	10,000	NE	*NA*		-	*NA*		-	*NA*		-
sec-Butylbenzene	11,000	100,000	ND		2.5	ND		2.6	ND		2.9
Styrene	NE	NE	ND		2.5	ND		2.6	ND		2.9
tert-Butylbenzene	5,900	100,000	ND		2.5	ND		2.6	ND		2.9
Tetrachloroethylene	1,300	19,000	ND		2.5	ND		2.6	ND		2.9
Toluene	700	100,000	ND		2.5	ND		2.6	ND		2.9
trans-1,2-Dichloroethylene	190	100,000	ND		2.5	ND		2.6	ND		2.9
trans-1,3-Dichloropropylene	NE	NE	ND		2.5	ND		2.6	ND		2.9
Trichloroethylene	470	21,000	ND		2.5	ND		2.6	ND		2.9
Trichlorofluoromethane	NE	NE	ND		2.5	ND		2.6	ND		2.9
Vinyl acetate	NE	NE	*NA*		-	*NA*		-	*NA*		-
Vinyl Chloride	20	900	ND		2.5	ND		2.6	ND		2.9
Xylenes, Total	260	100,000	ND		2.5	ND		2.6	ND		2.9
Total TICs	NE	NE	ND		-	ND		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		MW-38 (0-5) (2014-09-23)			MW-38 (10-15) (2014-09-23)			MW-39 (0-5) (2014-09-23)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,1,1-Trichloroethane	680	100,000	ND		4.2	ND		4.9	ND		4.9
1,1,2,2-Tetrachloroethane	NE	NE	ND		4.2	ND		4.9	ND		4.9
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		4.2	ND		4.9	ND		4.9
1,1,2-Trichloroethane	NE	NE	ND		4.2	ND		4.9	ND		4.9
1,1-Dichloroethane	270	26,000	ND		4.2	ND		4.9	ND		4.9
1,1-Dichloroethylene	330	100,000	ND		4.2	ND		4.9	ND		4.9
1,1-Dichloropropylene	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichlorobenzene	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,4-Trichlorobenzene	NE	NE	ND		4.2	ND		4.9	ND		4.9
1,2,4-Trimethylbenzene	3,600	52,000	ND		4.2	ND		4.9	ND		4.9
1,2-Dibromo-3-chloropropane	NE	NE	ND		4.2	ND		4.9	ND		4.9
1,2-Dibromoethane	NE	NE	ND		4.2	ND		4.9	ND		4.9
1,2-Dichlorobenzene	1,100	100,000	*NA*		-	*NA*		-	*NA*		-
1,2-Dichloroethane	20	3,100	ND		4.2	ND		4.9	ND		4.9
1,2-Dichloropropane	NE	NE	ND		4.2	ND		4.9	ND		4.9
1,3,5-Trimethylbenzene	8,400	52,000	ND		4.2	ND		4.9	ND		4.9
1,3-Dichlorobenzene	2,400	49,000	*NA*		-	*NA*		-	*NA*		-
1,3-Dichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,4-Dichlorobenzene	1,800	13,000	*NA*		-	*NA*		-	*NA*		-
1,4-Dioxane	100	13,000	*NA*		-	*NA*		-	*NA*		-
2,2-Dichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
2-Butanone	120	100,000	ND		4.2	ND		4.9	ND		4.9
2-Chlorotoluene	NE	NE	*NA*		-	*NA*		-	*NA*		-
2-Hexanone	NE	NE	ND		4.2	ND		4.9	ND		4.9
4-Chlorotoluene	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Methyl-2-pentanone	NE	NE	ND		4.2	ND		4.9	ND		4.9
Acetone	50	100,000	28		8.5	14		9.8	31		9.8
Benzene	60	4,800	ND		4.2	ND		4.9	ND		4.9
Bromobenzene	NE	NE	*NA*		-	*NA*		-	*NA*		-
Bromochloromethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
Bromodichloromethane	NE	NE	ND		4.2	ND		4.9	ND		4.9
Bromoform	NE	NE	ND		4.2	ND		4.9	ND		4.9
Bromomethane	NE	NE	ND		4.2	ND		4.9	ND		4.9
Carbon disulfide	NE	100	ND		4.2	ND		4.9	ND		4.9
Carbon tetrachloride	760	2,400	ND		4.2	ND		4.9	ND		4.9
Chlorobenzene	1,100	100,000	ND		4.2	ND		4.9	ND		4.9
Chloroethane	NE	NE	ND		4.2	ND		4.9	ND		4.9
Chloroform	370	49,000	ND		4.2	ND		4.9	ND		4.9
Chloromethane	NE	NE	ND		4.2	ND		4.9	ND		4.9
cis-1,2-Dichloroethylene	250	100,000	ND		4.2	ND		4.9	ND		4.9
cis-1,3-Dichloropropylene	NE	NE	ND		4.2	ND		4.9	ND		4.9
Dibromochloromethane	NE	NE	ND		4.2	ND		4.9	ND		4.9
Dibromomethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
Dichlorodifluoromethane	NE	NE	ND		4.2	ND		4.9	ND		4.9
Ethyl Benzene	1,000	41,000	ND		4.2	ND		4.9	ND		4.9
Hexachlorobutadiene	NE	NE	*NA*		-	*NA*		-	*NA*		-
Isopropylbenzene	2,300	100,000	*NA*		-	*NA*		-	*NA*		-
Methyl tert-butyl ether (MTBE)	930	100,000	ND		4.2	ND		4.9	ND		4.9
Methylene chloride	50	500,000	7.5	J	8.5	ND		9.8	7.9	J	9.8
Naphthalene	12,000	NE	ND		8.5	ND		9.8	ND		9.8
n-Butylbenzene	12,000	100,000	ND		4.2	ND		4.9	ND		4.9
n-Propylbenzene	3,900	100,000	ND		4.2	ND		4.9	ND		4.9
o-Xylene	NE	NE	ND		4.2	ND		4.9	ND		4.9
p- & m- Xylenes	NE	NE	ND		8.5	ND		9.8	ND		9.8
p-Isopropyltoluene	10,000	NE	*NA*		-	*NA*		-	*NA*		-
sec-Butylbenzene	11,000	100,000	ND		4.2	ND		4.9	ND		4.9
Styrene	NE	NE	ND		4.2	ND		4.9	ND		4.9
tert-Butylbenzene	5,900	100,000	ND		4.2	ND		4.9	ND		4.9
Tetrachloroethylene	1,300	19,000	ND		4.2	ND		4.9	ND		4.9
Toluene	700	100,000	ND		4.2	ND		4.9	ND		4.9
trans-1,2-Dichloroethylene	190	100,000	ND		4.2	ND		4.9	ND		4.9
trans-1,3-Dichloropropylene	NE	NE	ND		4.2	ND		4.9	ND		4.9
Trichloroethylene	470	21,000	ND		4.2	ND		4.9	ND		4.9
Trichlorofluoromethane	NE	NE	ND		4.2	ND		4.9	ND		4.9
Vinyl acetate	NE	NE	*NA*		-	*NA*		-	*NA*		-
Vinyl Chloride	20	900	ND		4.2	ND		4.9	ND		4.9
Xylenes, Total	260	100,000	ND		13	ND		15	ND		15
Total TICs	NE	NE	*NA*		-	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		MW-39 (10-11) (2014-09-23)			MW-40 (0-5) (2014-09-24)			MW-40 (15-20) (2014-09-24)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,1,1-Trichloroethane	680	100,000	ND		5.3	ND		6.2	ND		15
1,1,2,2-Tetrachloroethane	NE	NE	ND		5.3	ND		6.2	ND		15
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		5.3	ND		6.2	ND		15
1,1,2-Trichloroethane	NE	NE	ND		5.3	ND		6.2	ND		15
1,1-Dichloroethane	270	26,000	ND		5.3	ND		6.2	ND		15
1,1-Dichloroethylene	330	100,000	ND		5.3	ND		6.2	ND		15
1,1-Dichloropropylene	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichlorobenzene	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,4-Trichlorobenzene	NE	NE	NA		-	ND		6.2	ND		15
1,2,4-Trimethylbenzene	3,600	52,000	ND		5.3	ND		6.2	ND		15
1,2-Dibromo-3-chloropropane	NE	NE	ND		5.3	ND		6.2	ND		15
1,2-Dibromoethane	NE	NE	ND		5.3	ND		6.2	ND		15
1,2-Dichlorobenzene	1,100	100,000	*NA*		-	*NA*		-	*NA*		-
1,2-Dichloroethane	20	3,100	ND		5.3	ND		6.2	ND		15
1,2-Dichloropropane	NE	NE	ND		5.3	ND		6.2	ND		15
1,3,5-Trimethylbenzene	8,400	52,000	ND		5.3	ND		6.2	ND		15
1,3-Dichlorobenzene	2,400	49,000	*NA*		-	*NA*		-	*NA*		-
1,3-Dichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,4-Dichlorobenzene	1,800	13,000	*NA*		-	*NA*		-	*NA*		-
1,4-Dioxane	100	13,000	ND		110	*NA*		-	*NA*		-
2,2-Dichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
2-Butanone	120	100,000	9.1		5.3	ND		6.2	ND		15
2-Chlorotoluene	NE	NE	*NA*		-	*NA*		-	*NA*		-
2-Hexanone	NE	NE	ND		5.3	ND		6.2	ND		15
4-Chlorotoluene	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Methyl-2-pentanone	NE	NE	ND		5.3	ND		6.2	ND		15
Acetone	50	100,000	**55**		11	24	CCV-E	12	**140**		31
Benzene	60	4,800	ND		5.3	ND		6.2	ND		15
Bromobenzene	NE	NE	*NA*		-	*NA*		-	*NA*		-
Bromochloromethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
Bromodichloromethane	NE	NE	ND		5.3	ND		6.2	ND		15
Bromoform	NE	NE	ND		5.3	ND		6.2	ND		15
Bromomethane	NE	NE	ND		5.3	ND		6.2	ND		15
Carbon disulfide	NE	100	5.7		5.3	ND		6.2	ND		15
Carbon tetrachloride	760	2,400	ND		5.3	ND		6.2	ND		15
Chlorobenzene	1,100	100,000	ND		5.3	ND		6.2	ND		15
Chloroethane	NE	NE	ND		5.3	ND		6.2	ND		15
Chloroform	370	49,000	ND		5.3	ND		6.2	ND		15
Chloromethane	NE	NE	ND		5.3	ND		6.2	ND		15
cis-1,2-Dichloroethylene	250	100,000	ND		5.3	ND		6.2	ND		15
cis-1,3-Dichloropropylene	NE	NE	ND		5.3	ND		6.2	ND		15
Dibromochloromethane	NE	NE	ND		5.3	ND		6.2	ND		15
Dibromomethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
Dichlorodifluoromethane	NE	NE	ND		5.3	ND		6.2	ND		15
Ethyl Benzene	1,000	41,000	ND		5.3	ND		6.2	ND		15
Hexachlorobutadiene	NE	NE	*NA*		-	*NA*		-	*NA*		-
Isopropylbenzene	2,300	100,000	ND		5.3	*NA*		-	*NA*		-
Methyl tert-butyl ether (MTBE)	930	100,000	ND		5.3	ND		6.2	ND		15
Methylene chloride	50	500,000	8.3	J	11	ND		12	ND		31
Naphthalene	12,000	NE	*NA*		-	ND		12	ND		31
n-Butylbenzene	12,000	100,000	ND		5.3	ND		6.2	ND		15
n-Propylbenzene	3,900	100,000	ND		5.3	ND		6.2	ND		15
o-Xylene	NE	NE	ND		5.3	ND		6.2	ND		15
p- & m- Xylenes	NE	NE	ND		11	ND		12	ND		31
p-Isopropyltoluene	10,000	NE	ND		5.3	*NA*		-	*NA*		-
sec-Butylbenzene	11,000	100,000	ND		5.3	ND		6.2	ND		15
Styrene	NE	NE	ND		5.3	ND		6.2	ND		15
tert-Butylbenzene	5,900	100,000	ND		5.3	ND		6.2	ND		15
Tetrachloroethylene	1,300	19,000	ND		5.3	ND		6.2	ND		15
Toluene	700	100,000	ND		5.3	ND		6.2	ND		15
trans-1,2-Dichloroethylene	190	100,000	ND		5.3	ND		6.2	ND		15
trans-1,3-Dichloropropylene	NE	NE	ND		5.3	ND		6.2	ND		15
Trichloroethylene	470	21,000	ND		5.3	7.6		6.2	56		15
Trichlorofluoromethane	NE	NE	ND		5.3	ND		6.2	ND		15
Vinyl acetate	NE	NE	*NA*		-	*NA*		-	*NA*		-
Vinyl Chloride	20	900	ND		5.3	ND		6.2	ND		15
Xylenes, Total	260	100,000	ND		16	ND		19	ND		46
Total TICs	NE	NE	*NA*		-	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		MW-41 (8-10) (2014-12-10)			MW-Dup-02 (2014-12-10) (mw-41 8-10)			MW-42 (8-10) (2014-12-10)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,1,1-Trichloroethane	680	100,000	ND		6.8	ND		6.9	ND		5.7
1,1,2,2-Tetrachloroethane	NE	NE	ND		6.8	ND		6.9	ND		5.7
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		6.8	ND		6.9	ND		5.7
1,1,2-Trichloroethane	NE	NE	ND		6.8	ND		6.9	ND		5.7
1,1-Dichloroethane	270	26,000	ND		6.8	ND		6.9	ND		5.7
1,1-Dichloroethylene	330	100,000	ND		6.8	ND		6.9	ND		5.7
1,1-Dichloropropylene	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichlorobenzene	NE	NE	*NA*		-	*NA*		-	*NA*		
1,2,3-Trichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		
1,2,4-Trichlorobenzene	NE	NE	ND		6.8	ND		6.9	ND		5.7
1,2,4-Trimethylbenzene	3,600	52,000	ND		6.8	ND		6.9	ND		5.7
1,2-Dibromo-3-chloropropane	NE	NE	ND		6.8	ND		6.9	ND		5.7
1,2-Dibromoethane	NE	NE	ND		6.8	ND		6.9	ND		5.7
1,2-Dichlorobenzene	1,100	100,000	*ND*		6.8	*ND*		6.9	*ND*		5.7
1,2-Dichloroethane	20	3,100	*NA*		-	*NA*		-	*NA*		-
1,2-Dichloropropane	NE	NE	ND		6.8	ND		6.9	ND		5.7
1,3,5-Trimethylbenzene	8,400	52,000	ND		6.8	ND		6.9	ND		5.7
1,3-Dichlorobenzene	2,400	49,000	*NA*		-	*NA*		-	*NA*		-
1,3-Dichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		
1,4-Dichlorobenzene	1,800	13,000	*NA*		-	*NA*		-	*NA*		
1,4-Dioxane	100	13,000	*NA*		-	*NA*		-	*NA*		
2,2-Dichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		
2-Butanone	120	100,000	ND		6.8	ND		6.9	ND		5.7
2-Chlorotoluene	NE	NE	*NA*		-	*NA*		-	*NA*		-
2-Hexanone	NE	NE	ND		6.8	ND		6.9	ND		5.7
4-Chlorotoluene	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Methyl-2-pentanone	NE	NE	ND		6.8	ND		6.9	ND		5.7
Acetone	50	100,000	13	J	14	16		14	12		11
Benzene	60	4,800	ND		6.8	ND		6.9	ND		5.7
Bromobenzene	NE	NE	*NA*		-	*NA*		-	*NA*		-
Bromochloromethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
Bromodichloromethane	NE	NE	ND		6.8	ND		6.9	ND		5.7
Bromoform	NE	NE	ND		6.8	ND		6.9	ND		5.7
Bromomethane	NE	NE	ND		6.8	ND		6.9	ND		5.7
Carbon disulfide	NE	100	ND		6.8	ND		6.9	ND		5.7
Carbon tetrachloride	760	2,400	ND		6.8	ND		6.9	ND		5.7
Chlorobenzene	1,100	100,000	ND		6.8	ND		6.9	ND		5.7
Chloroethane	NE	NE	ND		6.8	ND		6.9	ND		5.7
Chloroform	370	49,000	ND		6.8	ND		6.9	ND		5.7
Chloromethane	NE	NE	ND		6.8	ND		6.9	ND		5.7
cis-1,2-Dichloroethylene	250	100,000	ND		6.8	ND		6.9	ND		5.7
cis-1,3-Dichloropropylene	NE	NE	ND		6.8	ND		6.9	ND		5.7
Dibromochloromethane	NE	NE	ND		6.8	ND		6.9	ND		5.7
Dibromomethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
Dichlorodifluoromethane	NE	NE	ND		6.8	ND		6.9	ND		5.7
Ethyl Benzene	1,000	41,000	ND		6.8	ND		6.9	ND		5.7
Hexachlorobutadiene	NE	NE	*NA*		-	*NA*		-	*NA*		-
Isopropylbenzene	2,300	100,000	*NA*		-	*NA*		-	*NA*		-
Methyl tert-butyl ether (MTBE)	930	100,000	ND		6.8	ND		6.9	ND		5.7
Methylene chloride	50	500,000	ND		14	ND		14	13		11
Naphthalene	12,000	NE	ND		14	ND		14	ND		11
n-Butylbenzene	12,000	100,000	ND		6.8	ND		6.9	ND		5.7
n-Propylbenzene	3,900	100,000	ND		6.8	ND		6.9	ND		5.7
o-Xylene	NE	NE	ND		6.8	ND		6.9	ND		5.7
p- & m- Xylenes	NE	NE	ND		14	ND		14	ND		11
p-Isopropyltoluene	10,000	NE	*NA*		-	*NA*		-	*NA*		-
sec-Butylbenzene	11,000	100,000	ND		6.8	ND		6.9	ND		5.7
Styrene	NE	NE	ND		6.8	ND		6.9	ND		5.7
tert-Butylbenzene	5,900	100,000	ND		6.8	ND		6.9	ND		5.7
Tetrachloroethylene	1,300	19,000	ND		6.8	ND		6.9	ND		5.7
Toluene	700	100,000	ND		6.8	ND		6.9	ND		5.7
trans-1,2-Dichloroethylene	190	100,000	ND		6.8	ND		6.9	ND		5.7
trans-1,3-Dichloropropylene	NE	NE	ND		6.8	ND		6.9	ND		5.7
Trichloroethylene	470	21,000	ND		6.8	ND		6.9	ND		5.7
Trichlorofluoromethane	NE	NE	ND		6.8	ND		6.9	ND		5.7
Vinyl acetate	NE	NE	*NA*		-	*NA*		-	*NA*		-
Vinyl Chloride	20	900	ND		6.8	ND		6.9	ND		5.7
Xylenes, Total	260	100,000	ND		20	ND		21	ND		17
Total TICs	NE	NE	ND		-	ND		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		SB-60 (2012-02-01)	Note: Sampled from 12-14'		SB-60B (6-8) (2012-02-13)			SB-61 (2012-02-01)	Note: Sampled from 12-14'	
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	ND		53	ND		550	ND		56
1,1,1-Trichloroethane	680	100,000	ND		53	ND		550	ND		56
1,1,2,2-Tetrachloroethane	NE	NE	ND		53	ND		550	ND		56
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		53	ND		550	ND		56
1,1,2-Trichloroethane	NE	NE	ND		53	ND		550	ND		56
1,1-Dichloroethane	270	26,000	ND		53	ND		550	ND		56
1,1-Dichloroethylene	330	100,000	ND		53	ND		550	ND		56
1,1-Dichloropropylene	NE	NE	ND		53	ND		550	ND		56
1,2,3-Trichlorobenzene	NE	NE	ND		110	ND		1,100	ND		110
1,2,3-Trichloropropane	NE	NE	ND		53	ND		550	ND		56
1,2,4-Trichlorobenzene	NE	NE	ND		110	ND		1,100	ND		110
1,2,4-Trimethylbenzene	3,600	52,000	350		53	**15,000**		550	510		56
1,2-Dibromo-3-chloropropane	NE	NE	ND		110	ND		1,100	ND		110
1,2-Dibromoethane	NE	NE	ND		53	ND		550	ND		56
1,2-Dichlorobenzene	1,100	100,000	82		53	ND		550	9.1	J	56
1,2-Dichloroethane	20	3,100	ND		53	ND		550	ND		56
1,2-Dichloropropane	NE	NE	ND		53	ND		550	ND		56
1,3,5-Trimethylbenzene	8,400	52,000	75		53	3,000		550	87		56
1,3-Dichlorobenzene	2,400	49,000	13	J	53	ND		550	ND		56
1,3-Dichloropropane	NE	NE	ND		53	ND		550	ND		56
1,4-Dichlorobenzene	1,800	13,000	13	J	53	ND		550	ND		56
1,4-Dioxane	100	13,000	*NA*	R	-	ND	R	5,500	*NA*		-
2,2-Dichloropropane	NE	NE	ND		53	ND		550	ND		56
2-Butanone	120	100,000	49	J	110	ND		1,100	ND		110
2-Chlorotoluene	NE	NE	ND		53	ND		550	ND		56
2-Hexanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Chlorotoluene	NE	NE	ND		53	ND		550	ND		56
4-Methyl-2-pentanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
Acetone	50	100,000	**180**		110	**2,400**	B	1,100	ND		110
Benzene	60	4,800	9.4	J	53	ND		550	ND		56
Bromobenzene	NE	NE	ND		53	ND		550	ND		56
Bromochloromethane	NE	NE	ND		53	ND		550	ND		56
Bromodichloromethane	NE	NE	ND		53	ND		550	ND		56
Bromoform	NE	NE	ND		53	ND		550	ND		56
Bromomethane	NE	NE	ND		53	ND		550	ND		56
Carbon disulfide	NE	100	*NA*		-	*NA*		-	*NA*		-
Carbon tetrachloride	760	2,400	ND		53	ND		550	ND		56
Chlorobenzene	1,100	100,000	ND		53	ND		550	ND		56
Chloroethane	NE	NE	ND		53	ND		550	ND		56
Chloroform	370	49,000	ND		53	ND		550	ND		56
Chloromethane	NE	NE	ND		53	ND		550	ND		56
cis-1,2-Dichloroethylene	250	100,000	ND		53	ND		550	ND		56
cis-1,3-Dichloropropylene	NE	NE	ND		53	ND		550	ND		56
Dibromochloromethane	NE	NE	ND		53	ND		550	ND		56
Dibromomethane	NE	NE	ND		53	ND		550	ND		56
Dichlorodifluoromethane	NE	NE	ND		53	ND		550	ND		56
Ethyl Benzene	1,000	41,000	76		53	490	J	550	37	J	56
Hexachlorobutadiene	NE	NE	ND		53	ND		550	ND		56
Isopropylbenzene	2,300	100,000	220		53	290	J	550	42	J	56
Methyl tert-butyl ether (MTBE)	930	100,000	ND		53	ND		550	ND		56
Methylene chloride	50	500,000	22	B-Dil, B	11	**1,100**	B	1,100	12	B-Dil, B	11
Naphthalene	12,000	NE	66	J	110	7,000	B	1,100	65	J	110
n-Butylbenzene	12,000	100,000	350		53	ND		550	96		56
n-Propylbenzene	3,900	100,000	510		53	1,200		550	73		56
o-Xylene	NE	NE	100		53	970		550	49	J	56
p- & m- Xylenes	NE	NE	84	J	110	1,400		1,100	81	J	110
p-Isopropyltoluene	10,000	NE	83		53	2,100		550	56	J	56
sec-Butylbenzene	11,000	100,000	260		53	ND		550	54	J	56
Styrene	NE	NE	ND		53	ND		550	ND		56
tert-Butylbenzene	5,900	100,000	ND		53	ND		550	ND		56
Tetrachloroethylene	1,300	19,000	9.3	J	53	ND		550	ND		56
Toluene	700	100,000	44	J	53	250	J	550	43	J	56
trans-1,2-Dichloroethylene	190	100,000	ND		53	ND		550	ND		56
trans-1,3-Dichloropropylene	NE	NE	ND		53	ND		550	ND		56
Trichloroethylene	470	21,000	26	J	53	ND		550	16	J	56
Trichlorofluoromethane	NE	NE	ND		53	ND		550	ND		56
Vinyl acetate	NE	NE	*NA*		-	*NA*		-	*NA*		-
Vinyl Chloride	20	900	ND		53	ND		550	ND		56
Xylenes, Total	260	100,000	190		160	**2,400**		1,600	130	J	170
Total TICs	NE	NE	5,672		-	27,200		-	2,200		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		SB-63 (14) (2012-02-10)			SB-65 (8-12) (2012-04-19)			SB-66 (12-16) (2012-04-19)		
	Unrestricted	Restricted-Residential	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
1,1,1,2-Tetrachloroethane	NE	NE	ND		6.2	ND		56	ND		5.6
1,1,1-Trichloroethane	680	100,000	ND		6.2	ND		56	ND		5.6
1,1,2,2-Tetrachloroethane	NE	NE	ND		6.2	ND		56	ND		5.6
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		6.2	ND		56	ND		5.6
1,1,2-Trichloroethane	NE	NE	ND		6.2	ND		56	ND		5.6
1,1-Dichloroethane	270	26,000	ND		6.2	ND		56	ND		5.6
1,1-Dichloroethylene	330	100,000	ND		6.2	ND		56	ND		5.6
1,1-Dichloropropylene	NE	NE	ND		6.2	ND		56	ND		5.6
1,2,3-Trichlorobenzene	NE	NE	ND		12	ND		110	ND		11
1,2,3-Trichloropropane	NE	NE	ND		6.2	ND		56	ND		5.6
1,2,4-Trichlorobenzene	NE	NE	ND		12	ND		110	ND		11
1,2,4-Trimethylbenzene	3,600	52,000	ND		6.2	110		56	ND		5.6
1,2-Dibromo-3-chloropropane	NE	NE	ND		12	ND		110	ND		11
1,2-Dibromoethane	NE	NE	ND		6.2	ND		56	ND		5.6
1,2-Dichlorobenzene	1,100	100,000	ND		6.2	ND		56	ND		5.6
1,2-Dichloroethane	20	3,100	ND		6.2	ND		56	ND		5.6
1,2-Dichloropropane	NE	NE	ND		6.2	ND		56	ND		5.6
1,3,5-Trimethylbenzene	8,400	52,000	ND		6.2	50	J	56	ND		5.6
1,3-Dichlorobenzene	2,400	49,000	ND		6.2	ND		56	ND		5.6
1,3-Dichloropropane	NE	NE	ND		6.2	ND		56	ND		5.6
1,4-Dichlorobenzene	1,800	13,000	ND		6.2	ND		56	ND		5.6
1,4-Dioxane	100	13,000	ND		62	ND	R	560	ND		56
2,2-Dichloropropane	NE	NE	ND		6.2	ND		56	ND		5.6
2-Butanone	120	100,000	110		12	ND		110	16		11
2-Chlorotoluene	NE	NE	ND		6.2	ND		56	ND		5.6
2-Hexanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Chlorotoluene	NE	NE	ND		6.2	ND		56	ND		5.6
4-Methyl-2-pentanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
Acetone	50	100,000	**270**	B	12	**51**	J, B	110	31	B	11
Benzene	60	4,800	ND		6.2	ND		56	ND		5.6
Bromobenzene	NE	NE	ND		6.2	ND		56	ND		5.6
Bromochloromethane	NE	NE	ND		6.2	ND		56	ND		5.6
Bromodichloromethane	NE	NE	ND		6.2	ND		56	ND		5.6
Bromoform	NE	NE	ND		6.2	ND		56	ND		5.6
Bromomethane	NE	NE	ND		6.2	ND		56	ND		5.6
Carbon disulfide	NE	100	*NA*		-	*NA*		-	*NA*		-
Carbon tetrachloride	760	2,400	ND		6.2	ND		56	ND		5.6
Chlorobenzene	1,100	100,000	ND		6.2	ND		56	ND		5.6
Chloroethane	NE	NE	ND		6.2	ND		56	ND		5.6
Chloroform	370	49,000	ND		6.2	ND		56	ND		5.6
Chloromethane	NE	NE	ND		6.2	ND		56	ND		5.6
cis-1,2-Dichloroethylene	250	100,000	ND		6.2	120		56	ND		5.6
cis-1,3-Dichloropropylene	NE	NE	ND		6.2	ND		56	ND		5.6
Dibromochloromethane	NE	NE	ND		6.2	ND		56	ND		5.6
Dibromomethane	NE	NE	ND		6.2	ND		56	ND		5.6
Dichlorodifluoromethane	NE	NE	ND		6.2	ND		56	ND		5.6
Ethyl Benzene	1,000	41,000	2.4	J	6.2	48	J	56	ND		5.6
Hexachlorobutadiene	NE	NE	ND		6.2	ND		56	ND		5.6
Isopropylbenzene	2,300	100,000	ND		6.2	13	J	56	ND		5.6
Methyl tert-butyl ether (MTBE)	930	100,000	ND		6.2	ND		56	ND		5.6
Methylene chloride	50	500,000	25	B	12	**87**	J, B	110	13	B	11
Naphthalene	12,000	NE	ND		12	ND		110	ND		11
n-Butylbenzene	12,000	100,000	ND		6.2	ND		56	ND		5.6
n-Propylbenzene	3,900	100,000	ND		6.2	21	J	56	ND		5.6
o-Xylene	NE	NE	1.8	J	6.2	77		56	ND		5.6
p- & m- Xylenes	NE	NE	8.6	J	12	210		110	1.1	J	11
p-Isopropyltoluene	10,000	NE	ND		6.2	ND		56	ND		5.6
sec-Butylbenzene	11,000	100,000	ND		6.2	ND		56	ND		5.6
Styrene	NE	NE	ND		6.2	ND		56	ND		5.6
tert-Butylbenzene	5,900	100,000	ND		6.2	ND		56	ND		5.6
Tetrachloroethylene	1,300	19,000	ND		6.2	ND		56	ND		5.6
Toluene	700	100,000	ND		6.2	78		56	1.2	J	5.6
trans-1,2-Dichloroethylene	190	100,000	ND		6.2	ND		56	ND		5.6
trans-1,3-Dichloropropylene	NE	NE	ND		6.2	ND		56	ND		5.6
Trichloroethylene	470	21,000	ND		6.2	ND		56	2.7	J	5.6
Trichlorofluoromethane	NE	NE	ND		6.2	ND		56	ND		5.6
Vinyl acetate	NE	NE	*NA*		-	*NA*		-	*NA*		-
Vinyl Chloride	20	900	ND		6.2	ND		56	ND		5.6
Xylenes, Total	260	100,000	10	J	19	**290**		170	ND		17
Total TICs	NE	NE	1,195		-	474		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		SB-67 (2012-02-02)	Note: Sampled from 12-14'		SB-69 (2012-02-01)			SB-71 (14) (2012-02-10)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	ND		5.3	ND		6	ND		5.6
1,1,1-Trichloroethane	680	100,000	ND		5.3	ND		6	ND		5.6
1,1,2,2-Tetrachloroethane	NE	NE	ND		5.3	ND		6	ND		5.6
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		5.3	ND		6	ND		5.6
1,1,2-Trichloroethane	NE	NE	ND		5.3	ND		6	ND		5.6
1,1-Dichloroethane	270	26,000	21		5.3	ND		6	ND		5.6
1,1-Dichloroethylene	330	100,000	ND		5.3	ND		6	ND		5.6
1,1-Dichloropropylene	NE	NE	ND		5.3	ND		6	ND		5.6
1,2,3-Trichlorobenzene	NE	NE	ND		11	ND		12	ND		11
1,2,3-Trichloropropane	NE	NE	ND		5.3	ND		6	ND		5.6
1,2,4-Trichlorobenzene	NE	NE	ND		11	ND		12	ND		11
1,2,4-Trimethylbenzene	3,600	52,000	34		5.3	ND		6	5.3	J	5.6
1,2-Dibromo-3-chloropropane	NE	NE	ND		11	ND		12	ND		11
1,2-Dibromoethane	NE	NE	ND		5.3	ND		6	ND		5.6
1,2-Dichlorobenzene	1,100	100,000	5.2	J	5.3	ND		6	ND		5.6
1,2-Dichloroethane	20	3,100	ND		5.3	ND		6	ND		5.6
1,2-Dichloropropane	NE	NE	ND		5.3	ND		6	ND		5.6
1,3,5-Trimethylbenzene	8,400	52,000	15		5.3	ND		6	3	J	5.6
1,3-Dichlorobenzene	2,400	49,000	ND		5.3	ND		6	ND		5.6
1,3-Dichloropropane	NE	NE	ND		5.3	ND		6	ND		5.6
1,4-Dichlorobenzene	1,800	13,000	ND		5.3	ND		6	ND		5.6
1,4-Dioxane	100	13,000	*NA*		-	*NA*		-	ND	R	56
2,2-Dichloropropane	NE	NE	ND		5.3	ND		6	ND		5.6
2-Butanone	120	100,000	59		11	ND		12	5.8	J	11
2-Chlorotoluene	NE	NE	ND		5.3	ND		6	ND		5.6
2-Hexanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Chlorotoluene	NE	NE	ND		5.3	ND		6	ND		5.6
4-Methyl-2-pentanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
Acetone	50	100,000	**94**		11	33		12	**85**	B	11
Benzene	60	4,800	2.3	J	5.3	ND		6	ND		5.6
Bromobenzene	NE	NE	ND		5.3	ND		6	ND		5.6
Bromochloromethane	NE	NE	ND		5.3	ND		6	ND		5.6
Bromodichloromethane	NE	NE	ND		5.3	ND		6	ND		5.6
Bromoform	NE	NE	ND		5.3	ND		6	ND		5.6
Bromomethane	NE	NE	ND		5.3	ND		6	ND		5.6
Carbon disulfide	NE	100	*NA*		-	*NA*		-	*NA*		-
Carbon tetrachloride	760	2,400	ND		5.3	ND		6	ND		5.6
Chlorobenzene	1,100	100,000	ND		5.3	ND		6	2.4	J	5.6
Chloroethane	NE	NE	2.6	J	5.3	ND		6	ND		5.6
Chloroform	370	49,000	ND		5.3	ND		6	ND		5.6
Chloromethane	NE	NE	ND		5.3	ND		6	ND		5.6
cis-1,2-Dichloroethylene	250	100,000	1.8	J	5.3	ND		6	ND		5.6
cis-1,3-Dichloropropylene	NE	NE	ND		5.3	ND		6	ND		5.6
Dibromochloromethane	NE	NE	ND		5.3	ND		6	ND		5.6
Dibromomethane	NE	NE	ND		5.3	ND		6	ND		5.6
Dichlorodifluoromethane	NE	NE	ND		5.3	ND		6	ND		5.6
Ethyl Benzene	1,000	41,000	5.6		5.3	ND		6	14		5.6
Hexachlorobutadiene	NE	NE	ND		5.3	ND		6	ND		5.6
Isopropylbenzene	2,300	100,000	7.8		5.3	ND		6	ND		5.6
Methyl tert-butyl ether (MTBE)	930	100,000	ND		5.3	ND		6	ND		5.6
Methylene chloride	50	500,000	**63**	B	11	10	J, B	12	**56**	B	11
Naphthalene	12,000	NE	8.8	J	11	ND		12	ND		11
n-Butylbenzene	12,000	100,000	11		5.3	ND		6	ND		5.6
n-Propylbenzene	3,900	100,000	8.6		5.3	ND		6	ND		5.6
o-Xylene	NE	NE	7.4		5.3	ND		6	6.3		5.6
p- & m- Xylenes	NE	NE	17		11	ND		12	40		11
p-Isopropyltoluene	10,000	NE	6.9		5.3	ND		6	ND		5.6
sec-Butylbenzene	11,000	100,000	6.4		5.3	ND		6	ND		5.6
Styrene	NE	NE	ND		5.3	ND		6	ND		5.6
tert-Butylbenzene	5,900	100,000	ND		5.3	ND		6	ND		5.6
Tetrachloroethylene	1,300	19,000	3.5	J	5.3	ND		6	ND		5.6
Toluene	700	100,000	24		5.3	ND		6	1.8	J	5.6
trans-1,2-Dichloroethylene	190	100,000	ND		5.3	ND		6	ND		5.6
trans-1,3-Dichloropropylene	NE	NE	ND		5.3	ND		6	ND		5.6
Trichloroethylene	470	21,000	10		5.3	1.9	J	6	ND		5.6
Trichlorofluoromethane	NE	NE	ND		5.3	ND		6	ND		5.6
Vinyl acetate	NE	NE	*NA*		-	*NA*		-	*NA*		-
Vinyl Chloride	20	900	ND		5.3	ND		6	ND		5.6
Xylenes, Total	260	100,000	24		16	ND		18	47		17
Total TICs	NE	NE	680.7		-	33		-	967.8		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		SB-77A (8-12) (Spill Site) (2012-04-19)			SB-78A (8-12) (Spill Site) (2012-04-19)			2SB-2 (0-5)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	ND		13	ND		12	ND		4.9
1,1,1-Trichloroethane	680	100,000	ND		13	ND		12	ND		4.9
1,1,2,2-Tetrachloroethane	NE	NE	ND		13	ND		12	ND		4.9
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		13	ND		12	ND		4.9
1,1,2-Trichloroethane	NE	NE	ND		13	ND		12	ND		4.9
1,1-Dichloroethane	270	26,000	ND		13	ND		12	ND		4.9
1,1-Dichloroethylene	330	100,000	ND		13	ND		12	ND		4.9
1,1-Dichloropropylene	NE	NE	ND		13	ND		12	ND		4.9
1,2,3-Trichlorobenzene	NE	NE	ND		26	ND		24	ND		4.9
1,2,3-Trichloropropane	NE	NE	ND		13	ND		12	ND		4.9
1,2,4-Trichlorobenzene	NE	NE	ND		26	ND		24	ND		4.9
1,2,4-Trimethylbenzene	3,600	52,000	ND		13	ND		12	ND		4.9
1,2-Dibromo-3-chloropropane	NE	NE	ND		26	ND		24	ND		4.9
1,2-Dibromoethane	NE	NE	ND		13	ND		12	ND		4.9
1,2-Dichlorobenzene	1,100	100,000	ND		13	ND		12	ND		4.9
1,2-Dichloroethane	20	3,100	ND		13	ND		12	ND		4.9
1,2-Dichloropropane	NE	NE	ND		13	ND		12	ND		4.9
1,3,5-Trimethylbenzene	8,400	52,000	ND		13	ND		12	ND		4.9
1,3-Dichlorobenzene	2,400	49,000	ND		13	ND		12	ND		4.9
1,3-Dichloropropane	NE	NE	ND		13	ND		12	ND		4.9
1,4-Dichlorobenzene	1,800	13,000	ND		13	ND		12	ND		4.9
1,4-Dioxane	100	13,000	ND		130	ND		120	ND		98
2,2-Dichloropropane	NE	NE	ND		13	ND		12	ND		4.9
2-Butanone	120	100,000	ND		26	ND		24	ND		4.9
2-Chlorotoluene	NE	NE	ND		13	ND		12	ND		4.9
2-Hexanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Chlorotoluene	NE	NE	ND		13	ND		12	ND		4.9
4-Methyl-2-pentanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
Acetone	50	100,000	25	J,B	26	22	J,B	24	4.3	J,B	9.8
Benzene	60	4,800	ND		13	ND		12	ND		4.9
Bromobenzene	NE	NE	ND		13	ND		12	ND		4.9
Bromochloromethane	NE	NE	ND		13	ND		12	ND		4.9
Bromodichloromethane	NE	NE	ND		13	ND		12	ND		4.9
Bromoform	NE	NE	ND		13	ND		12	ND		4.9
Bromomethane	NE	NE	ND		13	ND		12	ND		4.9
Carbon disulfide	NE	100	*NA*		-	*NA*		-	*NA*		-
Carbon tetrachloride	760	2,400	ND		13	ND		12	ND		4.9
Chlorobenzene	1,100	100,000	ND		13	ND		12	ND		4.9
Chloroethane	NE	NE	ND		13	ND		12	ND		4.9
Chloroform	370	49,000	ND		13	ND		12	ND		4.9
Chloromethane	NE	NE	ND		13	ND		12	ND		4.9
cis-1,2-Dichloroethylene	250	100,000	ND		13	ND		12	23		4.9
cis-1,3-Dichloropropylene	NE	NE	ND		13	ND		12	ND		4.9
Dibromochloromethane	NE	NE	ND		13	ND		12	ND		4.9
Dibromomethane	NE	NE	ND		13	ND		12	ND		4.9
Dichlorodifluoromethane	NE	NE	ND		13	ND		12	ND		4.9
Ethyl Benzene	1,000	41,000	ND		13	ND		12	ND		4.9
Hexachlorobutadiene	NE	NE	ND		13	ND		12	ND		4.9
Isopropylbenzene	2,300	100,000	ND		13	ND		12	ND		4.9
Methyl tert-butyl ether (MTBE)	930	100,000	ND		13	ND		12	ND		4.9
Methylene chloride	50	500,000	22	J,B	26	20	J,B	24	ND		9.8
Naphthalene	12,000	NE	ND		26	ND		24	ND		9.8
n-Butylbenzene	12,000	100,000	ND		13	ND		12	ND		4.9
n-Propylbenzene	3,900	100,000	ND		13	ND		12	ND		4.9
o-Xylene	NE	NE	ND		13	ND		12	ND		4.9
p- & m- Xylenes	NE	NE	ND		26	ND		24	ND		9.8
p-Isopropyltoluene	10,000	NE	ND		13	ND		12	ND		4.9
sec-Butylbenzene	11,000	100,000	ND		13	ND		12	ND		4.9
Styrene	NE	NE	ND		13	ND		12	ND		4.9
tert-Butylbenzene	5,900	100,000	ND		13	ND		12	ND		4.9
Tetrachloroethylene	1,300	19,000	ND		13	ND		12	20		4.9
Toluene	700	100,000	ND		13	ND		12	ND		4.9
trans-1,2-Dichloroethylene	190	100,000	ND		13	ND		12	ND		4.9
trans-1,3-Dichloropropylene	NE	NE	ND		13	ND		12	ND		4.9
Trichloroethylene	470	21,000	ND		13	ND		12	**5,400**		490
Trichlorofluoromethane	NE	NE	ND		13	ND		12	ND		4.9
Vinyl acetate	NE	NE	*NA*		-	*NA*		-	ND		4.9
Vinyl Chloride	20	900	ND		13	ND		12	ND		4.9
Xylenes, Total	260	100,000	ND		39	ND		35	ND		15
Total TICs	NE	NE	*NA*		-	*NA*		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		2SB-2 (10-15) (2013-08-01)			2SB-3 (10-15) (2013-08-01)			2SB-4 (0-5)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	ND		5.1	ND		5.6	ND		5.1
1,1,1-Trichloroethane	680	100,000	ND		5.1	ND		5.6	ND		5.1
1,1,2,2-Tetrachloroethane	NE	NE	ND		5.1	ND		5.6	ND		5.1
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		5.1	ND		5.6	ND		5.1
1,1,2-Trichloroethane	NE	NE	ND		5.1	ND		5.6	ND		5.1
1,1-Dichloroethane	270	26,000	ND		5.1	ND		5.6	ND		5.1
1,1-Dichloroethylene	330	100,000	ND		5.1	ND		5.6	ND		5.1
1,1-Dichloropropylene	NE	NE	ND		5.1	ND		5.6	ND		5.1
1,2,3-Trichlorobenzene	NE	NE	ND		5.1	ND		5.6	ND		5.1
1,2,3-Trichloropropane	NE	NE	ND		5.1	ND		5.6	ND		5.1
1,2,4-Trichlorobenzene	NE	NE	ND		5.1	ND		5.6	ND		5.1
1,2,4-Trimethylbenzene	3,600	52,000	ND		5.1	ND		5.6	ND		5.1
1,2-Dibromo-3-chloropropane	NE	NE	ND		5.1	ND		5.6	ND		5.1
1,2-Dibromoethane	NE	NE	ND		5.1	ND		5.6	ND		5.1
1,2-Dichlorobenzene	1,100	100,000	ND		5.1	ND		5.6	ND		5.1
1,2-Dichloroethane	20	3,100	ND		5.1	ND		5.6	ND		5.1
1,2-Dichloropropane	NE	NE	ND		5.1	ND		5.6	ND		5.1
1,3,5-Trimethylbenzene	8,400	52,000	ND		5.1	ND		5.6	ND		5.1
1,3-Dichlorobenzene	2,400	49,000	ND		5.1	ND		5.6	ND		5.1
1,3-Dichloropropane	NE	NE	ND		5.1	ND		5.6	ND		5.1
1,4-Dichlorobenzene	1,800	13,000	ND		5.1	ND		5.6	ND		5.1
1,4-Dioxane	100	13,000	ND	R	100	ND		110	ND		100
2,2-Dichloropropane	NE	NE	ND		5.1	ND		5.6	ND		5.1
2-Butanone	120	100,000	ND		5.1	ND		5.6	ND		5.1
2-Chlorotoluene	NE	NE	ND		5.1	ND		5.6	ND		5.1
2-Hexanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Chlorotoluene	NE	NE	ND		5.1	ND		5.6	ND		5.1
4-Methyl-2-pentanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
Acetone	50	100,000	ND		10	ND		11	ND		10
Benzene	60	4,800	ND		5.1	ND		5.6	ND		5.1
Bromobenzene	NE	NE	ND		5.1	ND		5.6	ND		5.1
Bromochloromethane	NE	NE	ND		5.1	ND		5.6	ND		5.1
Bromodichloromethane	NE	NE	ND		5.1	ND		5.6	ND		5.1
Bromoform	NE	NE	ND		5.1	ND		5.6	ND		5.1
Bromomethane	NE	NE	ND		5.1	ND		5.6	ND		5.1
Carbon disulfide	NE	100	*NA*		-	*NA*		-	*NA*		-
Carbon tetrachloride	760	2,400	ND		5.1	ND		5.6	ND		5.1
Chlorobenzene	1,100	100,000	ND		5.1	ND		5.6	ND		5.1
Chloroethane	NE	NE	ND		5.1	ND		5.6	ND		5.1
Chloroform	370	49,000	ND		5.1	ND		5.6	ND		5.1
Chloromethane	NE	NE	ND		5.1	ND		5.6	ND		5.1
cis-1,2-Dichloroethylene	250	100,000	21		5.1	15		5.6	ND		5.1
cis-1,3-Dichloropropylene	NE	NE	ND		5.1	ND		5.6	ND		5.1
Dibromochloromethane	NE	NE	ND		5.1	ND		5.6	ND		5.1
Dibromomethane	NE	NE	ND		5.1	ND		5.6	ND		5.1
Dichlorodifluoromethane	NE	NE	ND		5.1	ND		5.6	ND		5.1
Ethyl Benzene	1,000	41,000	ND		5.1	ND		5.6	ND		5.1
Hexachlorobutadiene	NE	NE	ND		5.1	ND		5.6	ND		5.1
Isopropylbenzene	2,300	100,000	ND		5.1	ND		5.6	ND		5.1
Methyl tert-butyl ether (MTBE)	930	100,000	ND		5.1	ND		5.6	ND		5.1
Methylene chloride	50	500,000	ND		10	ND		11	ND		10
Naphthalene	12,000	NE	ND		10	ND		11	ND		10
n-Butylbenzene	12,000	100,000	ND		5.1	ND		5.6	ND		5.1
n-Propylbenzene	3,900	100,000	ND		5.1	ND		5.6	ND		5.1
o-Xylene	NE	NE	ND		5.1	ND		5.6	ND		5.1
p- & m- Xylenes	NE	NE	ND		10	ND		11	ND		10
p-Isopropyltoluene	10,000	NE	ND		5.1	ND		5.6	ND		5.1
sec-Butylbenzene	11,000	100,000	ND		5.1	ND		5.6	ND		5.1
Styrene	NE	NE	ND		5.1	ND		5.6	ND		5.1
tert-Butylbenzene	5,900	100,000	ND		5.1	ND		5.6	ND		5.1
Tetrachloroethylene	1,300	19,000	ND		5.1	ND		5.6	ND		5.1
Toluene	700	100,000	ND		5.1	ND		5.6	ND		5.1
trans-1,2-Dichloroethylene	190	100,000	ND		5.1	ND		5.6	ND		5.1
trans-1,3-Dichloropropylene	NE	NE	ND		5.1	ND		5.6	ND		5.1
Trichloroethylene	470	21,000	100		5.1	77		5.6	26		5.1
Trichlorofluoromethane	NE	NE	ND		5.1	ND		5.6	ND		5.1
Vinyl acetate	NE	NE	ND		5.1	ND		5.6	ND		5.1
Vinyl Chloride	20	900	ND		5.1	ND		5.6	ND		5.1
Xylenes, Total	260	100,000	ND		15	ND		17	ND		15
Total TICs	NE	NE	ND		-	ND		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		2SB-4 (10-15) (2013-08-01)			2SB-5 (10-15) (2013-08-01)			2SB-5A (2013-08-01)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	ND		3.4	ND		5.2	ND		4.7
1,1,1-Trichloroethane	680	100,000	ND		3.4	ND		5.2	ND		4.7
1,1,2,2-Tetrachloroethane	NE	NE	ND		3.4	ND		5.2	ND		4.7
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		3.4	ND		5.2	ND		4.7
1,1,2-Trichloroethane	NE	NE	ND		3.4	ND		5.2	ND		4.7
1,1-Dichloroethane	270	26,000	ND		3.4	ND		5.2	ND		4.7
1,1-Dichloroethylene	330	100,000	ND		3.4	ND		5.2	ND		4.7
1,1-Dichloropropylene	NE	NE	ND		3.4	ND		5.2	ND		4.7
1,2,3-Trichlorobenzene	NE	NE	ND		3.4	ND		5.2	ND		4.7
1,2,3-Trichloropropane	NE	NE	ND		3.4	ND		5.2	ND		4.7
1,2,4-Trichlorobenzene	NE	NE	ND		3.4	ND		5.2	ND		4.7
1,2,4-Trimethylbenzene	3,600	52,000	ND		3.4	ND		5.2	ND		4.7
1,2-Dibromo-3-chloropropane	NE	NE	ND		3.4	ND		5.2	ND		4.7
1,2-Dibromoethane	NE	NE	ND		3.4	ND		5.2	ND		4.7
1,2-Dichlorobenzene	1,100	100,000	ND		3.4	ND		5.2	ND		4.7
1,2-Dichloroethane	20	3,100	ND		3.4	ND		5.2	ND		4.7
1,2-Dichloropropane	NE	NE	ND		3.4	ND		5.2	ND		4.7
1,3,5-Trimethylbenzene	8,400	52,000	ND		3.4	ND		5.2	ND		4.7
1,3-Dichlorobenzene	2,400	49,000	ND		3.4	ND		5.2	ND		4.7
1,3-Dichloropropane	NE	NE	ND		3.4	ND		5.2	ND		4.7
1,4-Dichlorobenzene	1,800	13,000	ND		3.4	ND		5.2	ND		4.7
1,4-Dioxane	100	13,000	ND		67	ND		100	ND		93
2,2-Dichloropropane	NE	NE	ND		3.4	ND		5.2	ND		4.7
2-Butanone	120	100,000	ND		3.4	ND		5.2	ND		4.7
2-Chlorotoluene	NE	NE	ND		3.4	ND		5.2	ND		4.7
2-Hexanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Chlorotoluene	NE	NE	ND		3.4	ND		5.2	ND		4.7
4-Methyl-2-pentanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
Acetone	50	100,000	2.4	J,B	6.7	ND		10	ND		9.3
Benzene	60	4,800	ND		3.4	ND		5.2	ND		4.7
Bromobenzene	NE	NE	ND		3.4	ND		5.2	ND		4.7
Bromochloromethane	NE	NE	ND		3.4	ND		5.2	ND		4.7
Bromodichloromethane	NE	NE	ND		3.4	ND		5.2	ND		4.7
Bromoform	NE	NE	ND		3.4	ND		5.2	ND		4.7
Bromomethane	NE	NE	ND		3.4	ND		5.2	ND		4.7
Carbon disulfide	NE	100	*NA*		-	*NA*		-	*NA*		-
Carbon tetrachloride	760	2,400	ND		3.4	ND		5.2	ND		4.7
Chlorobenzene	1,100	100,000	ND		3.4	ND		5.2	ND		4.7
Chloroethane	NE	NE	ND		3.4	ND		5.2	ND		4.7
Chloroform	370	49,000	ND		3.4	ND		5.2	ND		4.7
Chloromethane	NE	NE	ND		3.4	ND		5.2	ND		4.7
cis-1,2-Dichloroethylene	250	100,000	100		3.4	33		5.2	21		4.7
cis-1,3-Dichloropropylene	NE	NE	ND		3.4	ND		5.2	ND		4.7
Dibromochloromethane	NE	NE	ND		3.4	ND		5.2	ND		4.7
Dibromomethane	NE	NE	ND		3.4	ND		5.2	ND		4.7
Dichlorodifluoromethane	NE	NE	ND		3.4	ND		5.2	ND		4.7
Ethyl Benzene	1,000	41,000	ND		3.4	ND		5.2	ND		4.7
Hexachlorobutadiene	NE	NE	ND		3.4	ND		5.2	ND		4.7
Isopropylbenzene	2,300	100,000	ND		3.4	ND		5.2	ND		4.7
Methyl tert-butyl ether (MTBE)	930	100,000	ND		3.4	ND		5.2	ND		4.7
Methylene chloride	50	500,000	ND		6.7	ND		10	ND		9.3
Naphthalene	12,000	NE	ND		6.7	ND		10	ND		9.3
n-Butylbenzene	12,000	100,000	ND		3.4	ND		5.2	ND		4.7
n-Propylbenzene	3,900	100,000	ND		3.4	ND		5.2	ND		4.7
o-Xylene	NE	NE	ND		3.4	ND		5.2	ND		4.7
p- & m- Xylenes	NE	NE	ND		6.7	ND		10	ND		9.3
p-Isopropyltoluene	10,000	NE	ND		3.4	ND		5.2	ND		4.7
sec-Butylbenzene	11,000	100,000	ND		3.4	ND		5.2	ND		4.7
Styrene	NE	NE	ND		3.4	ND		5.2	ND		4.7
tert-Butylbenzene	5,900	100,000	ND		3.4	ND		5.2	ND		4.7
Tetrachloroethylene	1,300	19,000	ND		3.4	ND		5.2	ND		4.7
Toluene	700	100,000	ND		3.4	ND		5.2	ND		4.7
trans-1,2-Dichloroethylene	190	100,000	ND		3.4	ND		5.2	ND		4.7
trans-1,3-Dichloropropylene	NE	NE	ND		3.4	ND		5.2	ND		4.7
Trichloroethylene	470	21,000	190	J	340	66		5.2	44		4.7
Trichlorofluoromethane	NE	NE	ND		3.4	ND		5.2	ND		4.7
Vinyl acetate	NE	NE	ND		3.4	ND		5.2	ND		4.7
Vinyl Chloride	20	900	ND		3.4	ND		5.2	ND		4.7
Xylenes, Total	260	100,000	ND		10	ND		16	ND		14
Total TICs	NE	NE	ND		-	ND		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		2SB-6 (10-15) (2013-08-01)			2SB-7 (10-15) (2013-08-01)			2SB-8 (10-15) (2013-08-01)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	ND		6.9	ND		5	ND		6.4
1,1,1-Trichloroethane	680	100,000	ND		6.9	ND		5	ND		6.4
1,1,2,2-Tetrachloroethane	NE	NE	ND		6.9	ND		5	ND		6.4
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		6.9	ND		5	ND		6.4
1,1,2-Trichloroethane	NE	NE	ND		6.9	ND		5	ND		6.4
1,1-Dichloroethane	270	26,000	ND		6.9	ND		5	ND		6.4
1,1-Dichloroethylene	330	100,000	ND		6.9	ND		5	ND		6.4
1,1-Dichloropropylene	NE	NE	ND		6.9	ND		5	ND		6.4
1,2,3-Trichlorobenzene	NE	NE	ND		6.9	ND		5	ND		6.4
1,2,3-Trichloropropane	NE	NE	ND		6.9	ND		5	ND		6.4
1,2,4-Trichlorobenzene	NE	NE	ND		6.9	ND		5	ND		6.4
1,2,4-Trimethylbenzene	3,600	52,000	ND		6.9	ND		5	ND		6.4
1,2-Dibromo-3-chloropropane	NE	NE	ND		6.9	ND		5	ND		6.4
1,2-Dibromoethane	NE	NE	ND		6.9	ND		5	ND		6.4
1,2-Dichlorobenzene	1,100	100,000	ND		6.9	ND		5	ND		6.4
1,2-Dichloroethane	20	3,100	ND		6.9	ND		5	ND		6.4
1,2-Dichloropropane	NE	NE	ND		6.9	ND		5	ND		6.4
1,3,5-Trimethylbenzene	8,400	52,000	ND		6.9	ND		5	ND		6.4
1,3-Dichlorobenzene	2,400	49,000	ND		6.9	ND		5	ND		6.4
1,3-Dichloropropane	NE	NE	ND		6.9	ND		5	ND		6.4
1,4-Dichlorobenzene	1,800	13,000	ND		6.9	ND		5	ND		6.4
1,4-Dioxane	100	13,000	ND		140	ND		100	ND		130
2,2-Dichloropropane	NE	NE	ND		6.9	ND		5	ND		6.4
2-Butanone	120	100,000	ND		6.9	ND		5	ND		6.4
2-Chlorotoluene	NE	NE	ND		6.9	ND		5	ND		6.4
2-Hexanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Chlorotoluene	NE	NE	ND		6.9	ND		5	ND		6.4
4-Methyl-2-pentanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
Acetone	50	100,000	16	B	14	2.6	J,B	10	ND		13
Benzene	60	4,800	ND		6.9	ND		5	ND		6.4
Bromobenzene	NE	NE	ND		6.9	ND		5	ND		6.4
Bromochloromethane	NE	NE	ND		6.9	ND		5	ND		6.4
Bromodichloromethane	NE	NE	ND		6.9	ND		5	ND		6.4
Bromoform	NE	NE	ND		6.9	ND		5	ND		6.4
Bromomethane	NE	NE	ND		6.9	ND		5	ND		6.4
Carbon disulfide	NE	100	*NA*		-	*NA*		-	*NA*		-
Carbon tetrachloride	760	2,400	ND		6.9	ND		5	ND		6.4
Chlorobenzene	1,100	100,000	ND		6.9	ND		5	ND		6.4
Chloroethane	NE	NE	ND		6.9	ND		5	ND		6.4
Chloroform	370	49,000	ND		6.9	ND		5	ND		6.4
Chloromethane	NE	NE	ND		6.9	ND		5	ND		6.4
cis-1,2-Dichloroethylene	250	100,000	ND		6.9	ND		5	ND		6.4
cis-1,3-Dichloropropylene	NE	NE	ND		6.9	ND		5	ND		6.4
Dibromochloromethane	NE	NE	ND		6.9	ND		5	ND		6.4
Dibromomethane	NE	NE	ND		6.9	ND		5	ND		6.4
Dichlorodifluoromethane	NE	NE	ND		6.9	ND		5	ND		6.4
Ethyl Benzene	1,000	41,000	ND		6.9	ND		5	ND		6.4
Hexachlorobutadiene	NE	NE	ND		6.9	ND		5	ND		6.4
Isopropylbenzene	2,300	100,000	ND		6.9	ND		5	ND		6.4
Methyl tert-butyl ether (MTBE)	930	100,000	ND		6.9	ND		5	ND		6.4
Methylene chloride	50	500,000	ND		14	ND		10	ND		13
Naphthalene	12,000	NE	ND		14	ND		10	ND		13
n-Butylbenzene	12,000	100,000	ND		6.9	ND		5	ND		6.4
n-Propylbenzene	3,900	100,000	ND		6.9	ND		5	ND		6.4
o-Xylene	NE	NE	ND		6.9	ND		5	ND		6.4
p- & m- Xylenes	NE	NE	ND		14	ND		10	ND		13
p-Isopropyltoluene	10,000	NE	ND		6.9	ND		5	ND		6.4
sec-Butylbenzene	11,000	100,000	ND		6.9	ND		5	ND		6.4
Styrene	NE	NE	ND		6.9	ND		5	ND		6.4
tert-Butylbenzene	5,900	100,000	ND		6.9	ND		5	ND		6.4
Tetrachloroethylene	1,300	19,000	ND		6.9	ND		5	ND		6.4
Toluene	700	100,000	ND		6.9	ND		5	ND		6.4
trans-1,2-Dichloroethylene	190	100,000	ND		6.9	ND		5	ND		6.4
trans-1,3-Dichloropropylene	NE	NE	ND		6.9	ND		5	ND		6.4
Trichloroethylene	470	21,000	3.8	J	6.9	4.1	J	5	ND		6.4
Trichlorofluoromethane	NE	NE	ND		6.9	ND		5	ND		6.4
Vinyl acetate	NE	NE	ND		6.9	ND		5	ND		6.4
Vinyl Chloride	20	900	ND		6.9	ND		5	ND		6.4
Xylenes, Total	260	100,000	ND		21	ND		15	ND		19
Total TICs	NE	NE	ND		-	ND		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		2SB-11 (10-15) (2013-08-01)			2SB-12 (2013-11-25)			2SB-13 (2013-11-25)		
	Unrestricted	Restricted-Residential	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
1,1,1,2-Tetrachloroethane	NE	NE	ND		5	ND		5	ND		5
1,1,1-Trichloroethane	680	100,000	ND		5	ND		5	ND		5
1,1,2,2-Tetrachloroethane	NE	NE	ND		5	ND		5	ND		5
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		5	ND		5	ND		5
1,1,2-Trichloroethane	NE	NE	ND		5	ND		5	ND		5
1,1-Dichloroethane	270	26,000	ND		5	ND		5	ND		5
1,1-Dichloroethylene	330	100,000	ND		5	ND		5	ND		5
1,1-Dichloropropylene	NE	NE	ND		5	ND		5	ND		5
1,2,3-Trichlorobenzene	NE	NE	ND		5	ND		5	ND		5
1,2,3-Trichloropropane	NE	NE	ND		5	ND		5	ND		5
1,2,4-Trichlorobenzene	NE	NE	ND		5	ND		5	ND		5
1,2,4-Trimethylbenzene	3,600	52,000	ND		5	ND		5	ND		5
1,2-Dibromo-3-chloropropane	NE	NE	ND		5	ND		5	ND		5
1,2-Dibromoethane	NE	NE	ND		5	ND		5	ND		5
1,2-Dichlorobenzene	1,100	100,000	ND		5	ND		5	ND		5
1,2-Dichloroethane	20	3,100	ND		5	ND		5	ND		5
1,2-Dichloropropane	NE	NE	ND		5	ND		5	ND		5
1,3,5-Trimethylbenzene	8,400	52,000	ND		5	ND		5	ND		5
1,3-Dichlorobenzene	2,400	49,000	ND		5	ND		5	ND		5
1,3-Dichloropropane	NE	NE	ND		5	ND		5	ND		5
1,4-Dichlorobenzene	1,800	13,000	ND		5	ND		5	ND		5
1,4-Dioxane	100	13,000	ND		100	ND		100	ND		100
2,2-Dichloropropane	NE	NE	ND		5	ND		5	ND		5
2-Butanone	120	100,000	ND		5	ND		5	ND		5
2-Chlorotoluene	NE	NE	ND		5	ND		5	ND		5
2-Hexanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Chlorotoluene	NE	NE	ND		5	ND		5	ND		5
4-Methyl-2-pentanone	NE	NE	*NA*		-	*NA*		-	*NA*		-
Acetone	50	100,000	ND		10	15	CCV-E	10	**88**	CCV-E	10
Benzene	60	4,800	ND		5	ND		5	ND		5
Bromobenzene	NE	NE	ND		5	ND		5	ND		5
Bromochloromethane	NE	NE	ND		5	ND		5	ND		5
Bromodichloromethane	NE	NE	ND		5	ND		5	ND		5
Bromoform	NE	NE	ND		5	ND		5	ND		5
Bromomethane	NE	NE	ND		5	ND		5	ND		5
Carbon disulfide	NE	100	*NA*		-	*NA*		-	*NA*		-
Carbon tetrachloride	760	2,400	ND		5	ND		5	ND		5
Chlorobenzene	1,100	100,000	ND		5	ND		5	ND		5
Chloroethane	NE	NE	ND		5	ND		5	ND		5
Chloroform	370	49,000	ND		5	ND		5	ND		5
Chloromethane	NE	NE	ND		5	ND		5	ND		5
cis-1,2-Dichloroethylene	250	100,000	ND		5	ND		5	ND		5
cis-1,3-Dichloropropylene	NE	NE	ND		5	ND		5	ND		5
Dibromochloromethane	NE	NE	ND		5	ND		5	ND		5
Dibromomethane	NE	NE	ND		5	ND		5	ND		5
Dichlorodifluoromethane	NE	NE	ND		5	ND		5	ND		5
Ethyl Benzene	1,000	41,000	ND		5	ND		5	ND		5
Hexachlorobutadiene	NE	NE	ND		5	ND		5	ND		5
Isopropylbenzene	2,300	100,000	ND		5	ND		5	ND		5
Methyl tert-butyl ether (MTBE)	930	100,000	ND		5	ND		5	ND		5
Methylene chloride	50	500,000	ND		10	ND		10	2.8	J, B	10
Naphthalene	12,000	NE	ND		10	ND		10	ND		10
n-Butylbenzene	12,000	100,000	ND		5	ND		5	ND		5
n-Propylbenzene	3,900	100,000	ND		5	ND		5	ND		5
o-Xylene	NE	NE	ND		5	ND		5	ND		5
p- & m- Xylenes	NE	NE	ND		10	ND		10	ND		10
p-Isopropyltoluene	10,000	NE	ND		5	ND		5	ND		5
sec-Butylbenzene	11,000	100,000	ND		5	ND		5	ND		5
Styrene	NE	NE	ND		5	ND		5	ND		5
tert-Butylbenzene	5,900	100,000	ND		5	ND		5	ND		5
Tetrachloroethylene	1,300	19,000	ND		5	2.9	J	5	11		5
Toluene	700	100,000	ND		5	ND		5	ND		5
trans-1,2-Dichloroethylene	190	100,000	ND		5	ND		5	ND		5
trans-1,3-Dichloropropylene	NE	NE	ND		5	ND		5	ND		5
Trichloroethylene	470	21,000	5.5		5	13		5	56		5
Trichlorofluoromethane	NE	NE	ND		5	ND		5	ND		5
Vinyl acetate	NE	NE	ND		5	ND		5	ND		5
Vinyl Chloride	20	900	ND		5	ND		5	ND		5
Xylenes, Total	260	100,000	ND		15	ND		15	ND		15
Total TICs	NE	NE	ND		-	ND		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		2SB-14 (2013-11-25)			2SB-15 (2013-11-25)			3SB-3A (0-5) (2014-09-22)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	ND		5.1	ND		5.7	*NA*		-
1,1,1-Trichloroethane	680	100,000	ND		5.1	ND		5.7	ND		4.2
1,1,2,2-Tetrachloroethane	NE	NE	ND		5.1	ND		5.7	ND		4.2
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		5.1	ND		5.7	ND		4.2
1,1,2-Trichloroethane	NE	NE	ND		5.1	ND		5.7	ND		4.2
1,1-Dichloroethane	270	26,000	ND		5.1	ND		5.7	ND		4.2
1,1-Dichloroethylene	330	100,000	ND		5.1	ND		5.7	ND		4.2
1,1-Dichloropropylene	NE	NE	ND		5.1	ND		5.7	*NA*		-
1,2,3-Trichlorobenzene	NE	NE	ND		5.1	ND		5.7	*NA*		-
1,2,3-Trichloropropane	NE	NE	ND		5.1	ND		5.7	*NA*		-
1,2,4-Trichlorobenzene	NE	NE	ND		5.1	ND		5.7	ND		4.2
1,2,4-Trimethylbenzene	3,600	52,000	ND		5.1	ND		5.7	ND		4.2
1,2-Dibromo-3-chloropropane	NE	NE	ND		5.1	ND		5.7	ND		4.2
1,2-Dibromoethane	NE	NE	ND		5.1	ND		5.7	ND		4.2
1,2-Dichlorobenzene	1,100	100,000	ND		5.1	ND		5.7	*NA*		-
1,2-Dichloroethane	20	3,100	ND		5.1	ND		5.7	ND		4.2
1,2-Dichloropropane	NE	NE	ND		5.1	ND		5.7	ND		4.2
1,3,5-Trimethylbenzene	8,400	52,000	ND		5.1	ND		5.7	ND		4.2
1,3-Dichlorobenzene	2,400	49,000	ND		5.1	ND		5.7	*NA*		-
1,3-Dichloropropane	NE	NE	ND		5.1	ND		5.7	*NA*		-
1,4-Dichlorobenzene	1,800	13,000	ND		5.1	ND		5.7	*NA*		-
1,4-Dioxane	100	13,000	ND		100	ND		110	*NA*		-
2,2-Dichloropropane	NE	NE	ND		5.1	ND		5.7	*NA*		-
2-Butanone	120	100,000	29		5.1	ND		5.7	ND		4.2
2-Chlorotoluene	NE	NE	ND		5.1	ND		5.7	*NA*		-
2-Hexanone	NE	NE	*NA*		-	*NA*		-	ND		4.2
4-Chlorotoluene	NE	NE	ND		5.1	ND		5.7	*NA*		-
4-Methyl-2-pentanone	NE	NE	*NA*		-	*NA*		-	ND		4.2
Acetone	50	100,000	**650**	CCV-E, E	10	**130**	CCV-E	11	15	al-E, CCV	8.5
Benzene	60	4,800	ND		5.1	ND		5.7	ND		4.2
Bromobenzene	NE	NE	ND		5.1	ND		5.7	*NA*		-
Bromochloromethane	NE	NE	ND		5.1	ND		5.7	*NA*		-
Bromodichloromethane	NE	NE	ND		5.1	ND		5.7	ND		4.2
Bromoform	NE	NE	ND		5.1	ND		5.7	ND		4.2
Bromomethane	NE	NE	ND		5.1	ND		5.7	ND		4.2
Carbon disulfide	NE	100	*NA*		-	*NA*		-	ND		4.2
Carbon tetrachloride	760	2,400	ND		5.1	ND		5.7	ND		4.2
Chlorobenzene	1,100	100,000	ND		5.1	ND		5.7	ND		4.2
Chloroethane	NE	NE	ND		5.1	ND		5.7	ND		4.2
Chloroform	370	49,000	ND		5.1	ND		5.7	ND		4.2
Chloromethane	NE	NE	ND		5.1	ND		5.7	ND		4.2
cis-1,2-Dichloroethylene	250	100,000	ND		5.1	ND		5.7	ND		4.2
cis-1,3-Dichloropropylene	NE	NE	ND		5.1	ND		5.7	ND		4.2
Dibromochloromethane	NE	NE	ND		5.1	ND		5.7	ND		4.2
Dibromomethane	NE	NE	ND		5.1	ND		5.7	*NA*		-
Dichlorodifluoromethane	NE	NE	ND		5.1	ND		5.7	ND		4.2
Ethyl Benzene	1,000	41,000	ND		5.1	ND		5.7	ND		4.2
Hexachlorobutadiene	NE	NE	ND		5.1	ND		5.7	*NA*		-
Isopropylbenzene	2,300	100,000	ND		5.1	ND		5.7	*NA*		-
Methyl tert-butyl ether (MTBE)	930	100,000	ND		5.1	ND		5.7	ND		4.2
Methylene chloride	50	500,000	2.6	J, B	10	3.3	J, B	11	4.8	J	8.5
Naphthalene	12,000	NE	ND		10	ND		11	ND		8.5
n-Butylbenzene	12,000	100,000	ND		5.1	ND		5.7	ND		4.2
n-Propylbenzene	3,900	100,000	ND		5.1	ND		5.7	ND		4.2
o-Xylene	NE	NE	ND		5.1	ND		5.7	ND		4.2
p- & m- Xylenes	NE	NE	ND		10	ND		11	ND		8.5
p-Isopropyltoluene	10,000	NE	ND		5.1	ND		5.7	*NA*		-
sec-Butylbenzene	11,000	100,000	ND		5.1	ND		5.7	ND		4.2
Styrene	NE	NE	ND		5.1	ND		5.7	ND		4.2
tert-Butylbenzene	5,900	100,000	ND		5.1	ND		5.7	ND		4.2
Tetrachloroethylene	1,300	19,000	ND		5.1	7.5		5.7	ND		4.2
Toluene	700	100,000	3.4	J	5.1	ND		5.7	ND		4.2
trans-1,2-Dichloroethylene	190	100,000	ND		5.1	ND		5.7	ND		4.2
trans-1,3-Dichloropropylene	NE	NE	ND		5.1	ND		5.7	ND		4.2
Trichloroethylene	470	21,000	26		5.1	110		5.7	12		4.2
Trichlorofluoromethane	NE	NE	ND		5.1	ND		5.7	ND		4.2
Vinyl acetate	NE	NE	ND		5.1	ND		5.7	*NA*		-
Vinyl Chloride	20	900	ND		5.1	ND		5.7	ND		4.2
Xylenes, Total	260	100,000	ND		15	ND		17	ND		13
Total TICs	NE	NE	ND		-	ND		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		3SB-3A (10-15) (2014-09-22)			3SB-3B (15-20) (2014-09-22)			3SB-4 (0-5) (2014-09-22)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,1,1-Trichloroethane	680	100,000	ND		530	ND		4.4	ND		4.8
1,1,2,2-Tetrachloroethane	NE	NE	ND		530	ND		4.4	ND		4.8
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		530	ND		4.4	ND		4.8
1,1,2-Trichloroethane	NE	NE	ND		530	ND		4.4	ND		4.8
1,1-Dichloroethane	270	26,000	ND		530	ND		4.4	ND		4.8
1,1-Dichloroethylene	330	100,000	ND		530	ND		4.4	ND		4.8
1,1-Dichloropropylene	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichlorobenzene	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,4-Trichlorobenzene	NE	NE	ND		530	ND		4.4	ND		4.8
1,2,4-Trimethylbenzene	3,600	52,000	ND		530	ND		4.4	ND		4.8
1,2-Dibromo-3-chloropropane	NE	NE	ND		530	ND		4.4	ND		4.8
1,2-Dibromoethane	NE	NE	ND		530	ND		4.4	ND		4.8
1,2-Dichlorobenzene	1,100	100,000	*NA*		-	*NA*		-	*NA*		-
1,2-Dichloroethane	20	3,100	ND		530	ND		4.4	ND		4.8
1,2-Dichloropropane	NE	NE	ND		530	ND		4.4	ND		4.8
1,3,5-Trimethylbenzene	8,400	52,000	ND		530	ND		4.4	ND		4.8
1,3-Dichlorobenzene	2,400	49,000	*NA*		-	*NA*		-	*NA*		-
1,3-Dichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,4-Dichlorobenzene	1,800	13,000	*NA*		-	*NA*		-	*NA*		-
1,4-Dioxane	100	13,000	*NA*		-	*NA*		-	*NA*		-
2,2-Dichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
2-Butanone	120	100,000	ND		530	ND		8.8	ND		9.6
2-Chlorotoluene	NE	NE	*NA*		-	*NA*		-	*NA*		-
2-Hexanone	NE	NE	ND		530	ND		4.4	ND		4.8
4-Chlorotoluene	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Methyl-2-pentanone	NE	NE	ND		530	ND		4.4	ND		4.8
Acetone	50	100,000	ND		1,100	21		8.8	30		9.6
Benzene	60	4,800	ND		530	ND		4.4	ND		4.8
Bromobenzene	NE	NE	*NA*		-	*NA*		-	*NA*		-
Bromochloromethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
Bromodichloromethane	NE	NE	ND		530	ND		4.4	ND		4.8
Bromoform	NE	NE	ND		530	ND		4.4	ND		4.8
Bromomethane	NE	NE	ND		530	ND		4.4	ND		4.8
Carbon disulfide	NE	100	ND		530	ND		4.4	ND		4.8
Carbon tetrachloride	760	2,400	ND		530	ND		4.4	ND		4.8
Chlorobenzene	1,100	100,000	ND		530	ND		4.4	ND		4.8
Chloroethane	NE	NE	ND		530	ND		4.4	ND		4.8
Chloroform	370	49,000	ND		530	ND		4.4	ND		4.8
Chloromethane	NE	NE	ND		530	ND		4.4	ND		4.8
cis-1,2-Dichloroethylene	250	100,000	**540**		530	19		4.4	ND		4.8
cis-1,3-Dichloropropylene	NE	NE	ND		530	ND		4.4	ND		4.8
Dibromochloromethane	NE	NE	ND		530	ND		4.4	ND		4.8
Dibromomethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
Dichlorodifluoromethane	NE	NE	ND		530	ND		4.4	ND		4.8
Ethyl Benzene	1,000	41,000	ND		530	ND		4.4	ND		4.8
Hexachlorobutadiene	NE	NE	*NA*		-	*NA*		-	*NA*		-
Isopropylbenzene	2,300	100,000	*NA*		-	*NA*		-	*NA*		-
Methyl tert-butyl ether (MTBE)	930	100,000	ND		530	ND		4.4	ND		4.8
Methylene chloride	50	500,000	ND		1,100	5.9	J	8.8	6.7	J	9.6
Naphthalene	12,000	NE	ND		1,100	ND		8.8	ND		9.6
n-Butylbenzene	12,000	100,000	ND		530	ND		4.4	ND		4.8
n-Propylbenzene	3,900	100,000	ND		530	ND		4.4	ND		4.8
o-Xylene	NE	NE	ND		530	ND		4.4	ND		4.8
p- & m- Xylenes	NE	NE	ND		1,100	ND		8.8	ND		9.6
p-Isopropyltoluene	10,000	NE	*NA*		-	*NA*		-	*NA*		-
sec-Butylbenzene	11,000	100,000	ND		530	ND		4.4	ND		4.8
Styrene	NE	NE	ND		530	ND		4.4	ND		4.8
tert-Butylbenzene	5,900	100,000	ND		530	ND		4.4	ND		4.8
Tetrachloroethylene	1,300	19,000	ND		530	ND		4.4	ND		4.8
Toluene	700	100,000	ND		530	ND		4.4	ND		4.8
trans-1,2-Dichloroethylene	190	100,000	ND		530	ND		4.4	ND		4.8
trans-1,3-Dichloropropylene	NE	NE	ND		530	ND		4.4	ND		4.8
Trichloroethylene	470	21,000	**14,000**		530	**2,600**		500	ND		4.8
Trichlorofluoromethane	NE	NE	ND		530	ND		4.4	ND		4.8
Vinyl acetate	NE	NE	*NA*		-	*NA*		-	*NA*		-
Vinyl Chloride	20	900	ND		530	ND		4.4	ND		4.8
Xylenes, Total	260	100,000	ND		1,600	ND		13	ND		14
Total TICs	NE	NE	*NA*		-	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		3SB-4 (15-20) (2014-09-22)			3SB-4 (20-25) (2014-09-22)			3SB-5 (0-5) (2014-09-22)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,1,1-Trichloroethane	680	100,000	ND		4.9	ND		5.1	ND		5.1
1,1,2,2-Tetrachloroethane	NE	NE	ND		4.9	ND		5.1	ND		5.1
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		4.9	ND		5.1	ND		5.1
1,1,2-Trichloroethane	NE	NE	ND		4.9	ND		5.1	ND		5.1
1,1-Dichloroethane	270	26,000	ND		4.9	ND		5.1	ND		5.1
1,1-Dichloroethylene	330	100,000	2.8	J	4.9	ND		5.1	ND		5.1
1,1-Dichloropropylene	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichlorobenzene	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,4-Trichlorobenzene	NE	NE	ND		4.9	ND		5.1	ND		5.1
1,2,4-Trimethylbenzene	3,600	52,000	ND		4.9	ND		5.1	ND		5.1
1,2-Dibromo-3-chloropropane	NE	NE	ND		4.9	ND		5.1	ND		5.1
1,2-Dibromoethane	NE	NE	ND		4.9	ND		5.1	ND		5.1
1,2-Dichlorobenzene	1,100	100,000	*NA*		-	*NA*		-	*NA*		-
1,2-Dichloroethane	20	3,100	ND		4.9	ND		5.1	ND		5.1
1,2-Dichloropropane	NE	NE	ND		4.9	ND		5.1	ND		5.1
1,3,5-Trimethylbenzene	8,400	52,000	ND		4.9	ND		5.1	ND		5.1
1,3-Dichlorobenzene	2,400	49,000	*NA*		-	*NA*		-	*NA*		-
1,3-Dichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,4-Dichlorobenzene	1,800	13,000	*NA*		-	*NA*		-	*NA*		-
1,4-Dioxane	100	13,000	*NA*		-	*NA*		-	*NA*		-
2,2-Dichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
2-Butanone	120	100,000	ND		9.9	ND		5.1	ND		5.1
2-Chlorotoluene	NE	NE	*NA*		-	*NA*		-	*NA*		-
2-Hexanone	NE	NE	ND		4.9	ND		5.1	ND		5.1
4-Chlorotoluene	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Methyl-2-pentanone	NE	NE	ND		4.9	ND		5.1	ND		5.1
Acetone	50	100,000	11		9.9	27		10	20		10
Benzene	60	4,800	ND		4.9	ND		5.1	ND		5.1
Bromobenzene	NE	NE	*NA*		-	*NA*		-	*NA*		-
Bromochloromethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
Bromodichloromethane	NE	NE	ND		4.9	ND		5.1	ND		5.1
Bromoform	NE	NE	ND		4.9	ND		5.1	ND		5.1
Bromomethane	NE	NE	ND		4.9	ND		5.1	ND		5.1
Carbon disulfide	NE	100	ND		4.9	ND		5.1	ND		5.1
Carbon tetrachloride	760	2,400	ND		4.9	ND		5.1	ND		5.1
Chlorobenzene	1,100	100,000	ND		4.9	ND		5.1	ND		5.1
Chloroethane	NE	NE	ND		4.9	ND		5.1	ND		5.1
Chloroform	370	49,000	ND		4.9	ND		5.1	ND		5.1
Chloromethane	NE	NE	ND		4.9	ND		5.1	ND		5.1
cis-1,2-Dichloroethylene	250	100,000	**2,400**		570	76		5.1	ND		5.1
cis-1,3-Dichloropropylene	NE	NE	ND		4.9	ND		5.1	ND		5.1
Dibromochloromethane	NE	NE	ND		4.9	ND		5.1	ND		5.1
Dibromomethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
Dichlorodifluoromethane	NE	NE	ND		4.9	ND		5.1	ND		5.1
Ethyl Benzene	1,000	41,000	ND		4.9	ND		5.1	ND		5.1
Hexachlorobutadiene	NE	NE	*NA*		-	*NA*		-	*NA*		-
Isopropylbenzene	2,300	100,000	*NA*		-	*NA*		-	*NA*		-
Methyl tert-butyl ether (MTBE)	930	100,000	ND		4.9	ND		5.1	ND		5.1
Methylene chloride	50	500,000	ND		9.9	7.2	J	10	ND		10
Naphthalene	12,000	NE	ND		9.9	ND		10	ND		10
n-Butylbenzene	12,000	100,000	ND		4.9	ND		5.1	ND		5.1
n-Propylbenzene	3,900	100,000	ND		4.9	ND		5.1	ND		5.1
o-Xylene	NE	NE	ND		4.9	ND		5.1	ND		5.1
p- & m- Xylenes	NE	NE	ND		9.9	ND		10	ND		10
p-Isopropyltoluene	10,000	NE	*NA*		-	*NA*		-	*NA*		-
sec-Butylbenzene	11,000	100,000	ND		4.9	ND		5.1	ND		5.1
Styrene	NE	NE	ND		4.9	ND		5.1	ND		5.1
tert-Butylbenzene	5,900	100,000	ND		4.9	ND		5.1	ND		5.1
Tetrachloroethylene	1,300	19,000	ND		4.9	ND		5.1	ND		5.1
Toluene	700	100,000	ND		4.9	ND		5.1	ND		5.1
trans-1,2-Dichloroethylene	190	100,000	ND		4.9	ND		5.1	ND		5.1
trans-1,3-Dichloropropylene	NE	NE	ND		4.9	ND		5.1	ND		5.1
Trichloroethylene	470	21,000	**5,700**		570	**8,100**		530	ND		5.1
Trichlorofluoromethane	NE	NE	ND		4.9	ND		5.1	ND		5.1
Vinyl acetate	NE	NE	*NA*		-	*NA*		-	*NA*		-
Vinyl Chloride	20	900	**39**		4.9	ND		5.1	ND		5.1
Xylenes, Total	260	100,000	ND		15	ND		15	ND		15
Total TICs	NE	NE	*NA*		-	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		3SB-5 (10-15) (2014-09-22)			3SB-5 (15-20) (2014-09-22)			3SB-6 (20-25) (2014-09-24)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,1,1-Trichloroethane	680	100,000	ND		4.7	ND		4.1	ND		4.4
1,1,2,2-Tetrachloroethane	NE	NE	ND		4.7	ND		4.1	ND		4.4
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		4.7	ND		4.1	ND		4.4
1,1,2-Trichloroethane	NE	NE	ND		4.7	ND		4.1	ND		4.4
1,1-Dichloroethane	270	26,000	ND		4.7	ND		4.1	ND		4.4
1,1-Dichloroethylene	330	100,000	ND		4.7	ND		4.1	ND		4.4
1,1-Dichloropropylene	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichlorobenzene	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,4-Trichlorobenzene	NE	NE	ND		4.7	ND		4.1	ND		4.4
1,2,4-Trimethylbenzene	3,600	52,000	ND		4.7	ND		4.1	ND		4.4
1,2-Dibromo-3-chloropropane	NE	NE	ND		4.7	ND		4.1	ND		4.4
1,2-Dibromoethane	NE	NE	ND		4.7	ND		4.1	ND		4.4
1,2-Dichlorobenzene	1,100	100,000	*NA*		-	*NA*		-	*NA*		-
1,2-Dichloroethane	20	3,100	ND		4.7	ND		4.1	ND		4.4
1,2-Dichloropropane	NE	NE	ND		4.7	ND		4.1	ND		4.4
1,3,5-Trimethylbenzene	8,400	52,000	ND		4.7	ND		4.1	ND		4.4
1,3-Dichlorobenzene	2,400	49,000	*NA*		-	*NA*		-	*NA*		-
1,3-Dichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,4-Dichlorobenzene	1,800	13,000	*NA*		-	*NA*		-	*NA*		-
1,4-Dioxane	100	13,000	*NA*		-	*NA*		-	*NA*		-
2,2-Dichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
2-Butanone	120	100,000	ND		4.7	ND		4.1	ND		4.4
2-Chlorotoluene	NE	NE	*NA*		-	*NA*		-	*NA*		-
2-Hexanone	NE	NE	ND		4.7	ND		4.1	ND		4.4
4-Chlorotoluene	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Methyl-2-pentanone	NE	NE	ND		4.7	ND		4.1	ND		4.4
Acetone	50	100,000	9.3	J	9.4	12		8.2	16		8.9
Benzene	60	4,800	ND		4.7	ND		4.1	ND		4.4
Bromobenzene	NE	NE	*NA*		-	*NA*		-	*NA*		-
Bromochloromethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
Bromodichloromethane	NE	NE	ND		4.7	ND		4.1	ND		4.4
Bromoform	NE	NE	ND		4.7	ND		4.1	ND		4.4
Bromomethane	NE	NE	ND		4.7	ND		4.1	ND		4.4
Carbon disulfide	NE	100	ND		4.7	2	J	4.1	ND		4.4
Carbon tetrachloride	760	2,400	ND		4.7	ND		4.1	ND		4.4
Chlorobenzene	1,100	100,000	ND		4.7	ND		4.1	ND		4.4
Chloroethane	NE	NE	ND		4.7	ND		4.1	ND		4.4
Chloroform	370	49,000	ND		4.7	ND		4.1	ND		4.4
Chloromethane	NE	NE	ND		4.7	ND		4.1	ND		4.4
cis-1,2-Dichloroethylene	250	100,000	13		4.7	21		4.1	ND		4.4
cis-1,3-Dichloropropylene	NE	NE	ND		4.7	ND		4.1	ND		4.4
Dibromochloromethane	NE	NE	ND		4.7	ND		4.1	ND		4.4
Dibromomethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
Dichlorodifluoromethane	NE	NE	ND		4.7	ND		4.1	ND		4.4
Ethyl Benzene	1,000	41,000	ND		4.7	ND		4.1	ND		4.4
Hexachlorobutadiene	NE	NE	*NA*		-	*NA*		-	*NA*		-
Isopropylbenzene	2,300	100,000	*NA*		-	*NA*		-	*NA*		-
Methyl tert-butyl ether (MTBE)	930	100,000	ND		4.7	ND		4.1	ND		4.4
Methylene chloride	50	500,000	ND		9.4	ND		8.2	ND		8.9
Naphthalene	12,000	NE	ND		9.4	ND		8.2	ND		8.9
n-Butylbenzene	12,000	100,000	ND		4.7	ND		4.1	ND		4.4
n-Propylbenzene	3,900	100,000	ND		4.7	ND		4.1	ND		4.4
o-Xylene	NE	NE	ND		4.7	ND		4.1	ND		4.4
p- & m- Xylenes	NE	NE	ND		9.4	ND		8.2	ND		8.9
p-Isopropyltoluene	10,000	NE	*NA*		-	*NA*		-	*NA*		-
sec-Butylbenzene	11,000	100,000	ND		4.7	ND		4.1	ND		4.4
Styrene	NE	NE	ND		4.7	ND		4.1	ND		4.4
tert-Butylbenzene	5,900	100,000	ND		4.7	ND		4.1	ND		4.4
Tetrachloroethylene	1,300	19,000	ND		4.7	ND		4.1	ND		4.4
Toluene	700	100,000	ND		4.7	ND		4.1	ND		4.4
trans-1,2-Dichloroethylene	190	100,000	ND		4.7	ND		4.1	ND		4.4
trans-1,3-Dichloropropylene	NE	NE	ND		4.7	ND		4.1	ND		4.4
Trichloroethylene	470	21,000	99		4.7	**1,300**		350	ND		4.4
Trichlorofluoromethane	NE	NE	ND		4.7	ND		4.1	ND		4.4
Vinyl acetate	NE	NE	*NA*		-	*NA*		-	*NA*		-
Vinyl Chloride	20	900	ND		14	ND		4.1	ND		4.4
Xylenes, Total	260	100,000	ND		7	ND		12	ND		13
Total TICs	NE	NE	*NA*		-	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		3SB-6 (25-30) (2014-09-24)			3SB-7 (0-5) (2014-09-24)			3SB-7 (10-15) (2014-09-24)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,1,1-Trichloroethane	680	100,000	ND		4.8	ND		4.3	ND		4.3
1,1,2,2-Tetrachloroethane	NE	NE	ND		4.8	ND		4.3	ND		4.3
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		4.8	ND		4.3	ND		4.3
1,1,2-Trichloroethane	NE	NE	ND		4.8	ND		4.3	ND		4.3
1,1-Dichloroethane	270	26,000	ND		4.8	ND		4.3	ND		4.3
1,1-Dichloroethylene	330	100,000	ND		4.8	ND		4.3	ND		4.3
1,1-Dichloropropylene	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichlorobenzene	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,4-Trichlorobenzene	NE	NE	ND		4.8	ND		4.3	ND		4.3
1,2,4-Trimethylbenzene	3,600	52,000	ND		4.8	ND		4.3	ND		4.3
1,2-Dibromo-3-chloropropane	NE	NE	ND		4.8	ND		4.3	ND		4.3
1,2-Dibromoethane	NE	NE	ND		4.8	ND		4.3	ND		4.3
1,2-Dichlorobenzene	1,100	100,000	*NA*		-	*NA*		-	*NA*		-
1,2-Dichloroethane	20	3,100	ND		4.8	ND		4.3	ND		4.3
1,2-Dichloropropane	NE	NE	ND		4.8	ND		4.3	ND		4.3
1,3,5-Trimethylbenzene	8,400	52,000	ND		4.8	ND		4.3	ND		4.3
1,3-Dichlorobenzene	2,400	49,000	*NA*		-	*NA*		-	*NA*		-
1,3-Dichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,4-Dichlorobenzene	1,800	13,000	*NA*		-	*NA*		-	*NA*		-
1,4-Dioxane	100	13,000	*NA*		-	*NA*		-	*NA*		-
2,2-Dichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
2-Butanone	120	100,000	ND		4.8	ND		4.3	ND		4.3
2-Chlorotoluene	NE	NE	*NA*		-	*NA*		-	*NA*		-
2-Hexanone	NE	NE	ND		4.8	ND		4.3	ND		4.3
4-Chlorotoluene	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Methyl-2-pentanone	NE	NE	ND		4.8	ND		4.3	ND		4.3
Acetone	50	100,000	17		9.5	8.5	J	8.6	15		8.6
Benzene	60	4,800	ND		4.8	ND		4.3	ND		4.3
Bromobenzene	NE	NE	*NA*		-	*NA*		-	*NA*		-
Bromochloromethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
Bromodichloromethane	NE	NE	ND		4.8	ND		4.3	ND		4.3
Bromoform	NE	NE	ND		4.8	ND		4.3	ND		4.3
Bromomethane	NE	NE	ND		4.8	ND		4.3	ND		4.3
Carbon disulfide	NE	100	ND		4.8	ND		4.3	ND		4.3
Carbon tetrachloride	760	2,400	ND		4.8	ND		4.3	ND		4.3
Chlorobenzene	1,100	100,000	ND		4.8	ND		4.3	ND		4.3
Chloroethane	NE	NE	ND		4.8	ND		4.3	ND		4.3
Chloroform	370	49,000	ND		4.8	ND		4.3	ND		4.3
Chloromethane	NE	NE	ND		4.8	ND		4.3	ND		4.3
cis-1,2-Dichloroethylene	250	100,000	ND		4.8	ND		4.3	14		4.3
cis-1,3-Dichloropropylene	NE	NE	ND		4.8	ND		4.3	ND		4.3
Dibromochloromethane	NE	NE	ND		4.8	ND		4.3	ND		4.3
Dibromomethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
Dichlorodifluoromethane	NE	NE	ND		4.8	ND		4.3	ND		4.3
Ethyl Benzene	1,000	41,000	ND		4.8	ND		4.3	ND		4.3
Hexachlorobutadiene	NE	NE	*NA*		-	*NA*		-	*NA*		-
Isopropylbenzene	2,300	100,000	*NA*		-	*NA*		-	*NA*		-
Methyl tert-butyl ether (MTBE)	930	100,000	ND		4.8	ND		4.3	ND		4.3
Methylene chloride	50	500,000	4.9	J	9.5	ND		8.6	5.7	J	8.6
Naphthalene	12,000	NE	ND		9.5	ND		8.6	ND		8.6
n-Butylbenzene	12,000	100,000	ND		4.8	ND		4.3	ND		4.3
n-Propylbenzene	3,900	100,000	ND		4.8	ND		4.3	ND		4.3
o-Xylene	NE	NE	ND		4.8	ND		4.3	ND		4.3
p- & m- Xylenes	NE	NE	ND		9.5	ND		8.6	ND		8.6
p-Isopropyltoluene	10,000	NE	*NA*		-	*NA*		-	*NA*		-
sec-Butylbenzene	11,000	100,000	ND		4.8	ND		4.3	ND		4.3
Styrene	NE	NE	ND		4.8	ND		4.3	ND		4.3
tert-Butylbenzene	5,900	100,000	ND		4.8	ND		4.3	ND		4.3
Tetrachloroethylene	1,300	19,000	ND		4.8	ND		4.3	ND		4.3
Toluene	700	100,000	ND		4.8	ND		4.3	ND		4.3
trans-1,2-Dichloroethylene	190	100,000	ND		4.8	ND		4.3	ND		4.3
trans-1,3-Dichloropropylene	NE	NE	ND		4.8	ND		4.3	ND		4.3
Trichloroethylene	470	21,000	ND		4.8	ND		4.3	32		4.3
Trichlorofluoromethane	NE	NE	ND		4.8	ND		4.3	ND		4.3
Vinyl acetate	NE	NE	*NA*		-	*NA*		-	*NA*		-
Vinyl Chloride	20	900	ND		4.8	ND		4.3	ND		4.3
Xylenes, Total	260	100,000	ND		14	ND		13	ND		13
Total TICs	NE	NE	*NA*		-	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		3SB-8 (0-5) (2014-09-24)			3SB-Dup (2014-09-24) (3SB-8 0-5)			3SB-8 (15-20) (2014-09-24)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,1,1-Trichloroethane	680	100,000	ND		4.4	ND		4.6	ND		4.4
1,1,2,2-Tetrachloroethane	NE	NE	ND		4.4	ND		4.6	ND		4.4
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		4.4	ND		4.6	ND		4.4
1,1,2-Trichloroethane	NE	NE	ND		4.4	ND		4.6	ND		4.4
1,1-Dichloroethane	270	26,000	ND		4.4	ND		4.6	ND		4.4
1,1-Dichloroethylene	330	100,000	ND		4.4	ND		4.6	2.2	J	4.4
1,1-Dichloropropylene	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichlorobenzene	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,4-Trichlorobenzene	NE	NE	ND		4.4	ND		4.6	ND		4.4
1,2,4-Trimethylbenzene	3,600	52,000	ND		4.4	ND		4.6	ND		4.4
1,2-Dibromo-3-chloropropane	NE	NE	ND		4.4	ND		4.6	ND		4.4
1,2-Dibromoethane	NE	NE	ND		4.4	ND		4.6	ND		4.4
1,2-Dichlorobenzene	1,100	100,000	*NA*		-	*NA*		-	*NA*		-
1,2-Dichloroethane	20	3,100	ND		4.4	ND		4.6	ND		4.4
1,2-Dichloropropane	NE	NE	ND		4.4	ND		4.6	ND		4.4
1,3,5-Trimethylbenzene	8,400	52,000	ND		4.4	ND		4.6	ND		4.4
1,3-Dichlorobenzene	2,400	49,000	*NA*		-	*NA*		-	*NA*		-
1,3-Dichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,4-Dichlorobenzene	1,800	13,000	*NA*		-	*NA*		-	*NA*		-
1,4-Dioxane	100	13,000	*NA*		-	*NA*		-	*NA*		-
2,2-Dichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
2-Butanone	120	100,000	ND		4.4	ND		4.6	ND		4.4
2-Chlorotoluene	NE	NE	*NA*		-	*NA*		-	*NA*		-
2-Hexanone	NE	NE	ND		4.4	ND		4.6	ND		4.4
4-Chlorotoluene	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Methyl-2-pentanone	NE	NE	ND		4.4	ND		4.6	ND		4.4
Acetone	50	100,000	13		8.8	19		9.2	8.1	J	8.8
Benzene	60	4,800	ND		4.4	ND		4.6	ND		4.4
Bromobenzene	NE	NE	*NA*		-	*NA*		-	*NA*		-
Bromochloromethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
Bromodichloromethane	NE	NE	ND		4.4	ND		4.6	ND		4.4
Bromoform	NE	NE	ND		4.4	ND		4.6	ND		4.4
Bromomethane	NE	NE	ND		4.4	ND		4.6	ND		4.4
Carbon disulfide	NE	100	ND		4.4	ND		4.6	ND		4.4
Carbon tetrachloride	760	2,400	ND		4.4	ND		4.6	ND		4.4
Chlorobenzene	1,100	100,000	ND		4.4	ND		4.6	ND		4.4
Chloroethane	NE	NE	ND		4.4	ND		4.6	ND		4.4
Chloroform	370	49,000	ND		4.4	ND		4.6	ND		4.4
Chloromethane	NE	NE	ND		4.4	ND		4.6	ND		4.4
cis-1,2-Dichloroethylene	250	100,000	ND		4.4	ND		4.6	**270**	E	4.4
cis-1,3-Dichloropropylene	NE	NE	ND		4.4	ND		4.6	ND		4.4
Dibromochloromethane	NE	NE	ND		4.4	ND		4.6	ND		4.4
Dibromomethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
Dichlorodifluoromethane	NE	NE	ND		4.4	ND		4.6	ND		4.4
Ethyl Benzene	1,000	41,000	ND		4.4	ND		4.6	ND		4.4
Hexachlorobutadiene	NE	NE	*NA*		-	*NA*		-	*NA*		-
Isopropylbenzene	2,300	100,000	*NA*		-	*NA*		-	*NA*		-
Methyl tert-butyl ether (MTBE)	930	100,000	ND		4.4	ND		4.6	ND		4.4
Methylene chloride	50	500,000	ND		8.8	ND		9.2	ND		8.8
Naphthalene	12,000	NE	ND		8.8	ND		9.2	ND		8.8
n-Butylbenzene	12,000	100,000	ND		4.4	ND		4.6	ND		4.4
n-Propylbenzene	3,900	100,000	ND		4.4	ND		4.6	ND		4.4
o-Xylene	NE	NE	ND		4.4	ND		4.6	ND		4.4
p- & m- Xylenes	NE	NE	ND		8.8	ND		9.2	ND		8.8
p-Isopropyltoluene	10,000	NE	*NA*		-	*NA*		-	*NA*		-
sec-Butylbenzene	11,000	100,000	ND		4.4	ND		4.6	ND		4.4
Styrene	NE	NE	ND		4.4	ND		4.6	ND		4.4
tert-Butylbenzene	5,900	100,000	ND		4.4	ND		4.6	ND		4.4
Tetrachloroethylene	1,300	19,000	ND		4.4	ND		4.6	2.6	J	4.4
Toluene	700	100,000	ND		4.4	ND		4.6	ND		4.4
trans-1,2-Dichloroethylene	190	100,000	ND		4.4	ND		4.6	ND		4.4
trans-1,3-Dichloropropylene	NE	NE	ND		4.4	ND		4.6	ND		4.4
Trichloroethylene	470	21,000	14		4.4	13		4.6	**710**		450
Trichlorofluoromethane	NE	NE	ND		4.4	ND		4.6	ND		4.4
Vinyl acetate	NE	NE	*NA*		-	*NA*		-	*NA*		-
Vinyl Chloride	20	900	ND		4.4	ND		4.6	ND		4.4
Xylenes, Total	260	100,000	ND		13	ND		14	ND		13
Total TICs	NE	NE	*NA*		-	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 3: Soil - VOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		3SB-9 (0-5) (2014-09-24)			3SB-9 (15-20) (2014-09-24)			3SB-9 (20-25) (2014-09-24)		
	Unrestricted	Restricted-Residential	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
1,1,1,2-Tetrachloroethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,1,1-Trichloroethane	680	100,000	ND		5	ND		4.6	ND		4.2
1,1,2,2-Tetrachloroethane	NE	NE	ND		5	ND		4.6	ND		4.2
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		5	ND		4.6	ND		4.2
1,1,2-Trichloroethane	NE	NE	ND		5	ND		4.6	ND		4.2
1,1-Dichloroethane	270	26,000	ND		5	ND		4.6	ND		4.2
1,1-Dichloroethylene	330	100,000	ND		5	4.5	J	4.6	ND		4.2
1,1-Dichloropropylene	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichlorobenzene	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,2,4-Trichlorobenzene	NE	NE	ND		5	ND		4.6	ND		4.2
1,2,4-Trimethylbenzene	3,600	52,000	ND		5	ND		4.6	ND		4.2
1,2-Dibromo-3-chloropropane	NE	NE	ND		5	ND		4.6	ND		4.2
1,2-Dibromoethane	NE	NE	ND		5	ND		4.6	ND		4.2
1,2-Dichlorobenzene	1,100	100,000	*NA*		-	*NA*		-	*NA*		-
1,2-Dichloroethane	20	3,100	ND		5	ND		4.6	ND		4.2
1,2-Dichloropropane	NE	NE	ND		5	ND		4.6	ND		4.2
1,3,5-Trimethylbenzene	8,400	52,000	ND		5	ND		4.6	ND		4.2
1,3-Dichlorobenzene	2,400	49,000	*NA*		-	*NA*		-	*NA*		-
1,3-Dichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
1,4-Dichlorobenzene	1,800	13,000	*NA*		-	*NA*		-	*NA*		-
1,4-Dioxane	100	13,000	*NA*		-	*NA*		-	*NA*		-
2,2-Dichloropropane	NE	NE	*NA*		-	*NA*		-	*NA*		-
2-Butanone	120	100,000	ND		5	ND		4.6	ND		4.2
2-Chlorotoluene	NE	NE	*NA*		-	*NA*		-	*NA*		-
2-Hexanone	NE	NE	ND		5	ND		4.6	ND		4.2
4-Chlorotoluene	NE	NE	*NA*		-	*NA*		-	*NA*		-
4-Methyl-2-pentanone	NE	NE	ND		5	ND		4.6	ND		4.2
Acetone	50	100,000	18		10	25		9.1	25	CCV-E	8.4
Benzene	60	4,800	ND		5	ND		4.6	ND		4.2
Bromobenzene	NE	NE	*NA*		-	*NA*		-	*NA*		-
Bromochloromethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
Bromodichloromethane	NE	NE	ND		5	ND		4.6	ND		4.2
Bromoform	NE	NE	ND		5	ND		4.6	ND		4.2
Bromomethane	NE	NE	ND		5	ND		4.6	ND		4.2
Carbon disulfide	NE	100	ND		5	2.4	J	4.6	ND		4.2
Carbon tetrachloride	760	2,400	ND		5	ND		4.6	ND		4.2
Chlorobenzene	1,100	100,000	ND		5	ND		4.6	ND		4.2
Chloroethane	NE	NE	ND		5	ND		4.6	ND		4.2
Chloroform	370	49,000	ND		5	ND		4.6	ND		4.2
Chloromethane	NE	NE	ND		5	ND		4.6	ND		4.2
cis-1,2-Dichloroethylene	250	100,000	ND		5	**510**	E	4.6	ND		4.2
cis-1,3-Dichloropropylene	NE	NE	ND		5	ND		4.6	ND		4.2
Dibromochloromethane	NE	NE	ND		5	ND		4.6	ND		4.2
Dibromomethane	NE	NE	*NA*		-	*NA*		-	*NA*		-
Dichlorodifluoromethane	NE	NE	ND		5	ND		4.6	ND		4.2
Ethyl Benzene	1,000	41,000	ND		5	ND		4.6	ND		4.2
Hexachlorobutadiene	NE	NE	*NA*		-	*NA*		-	*NA*		-
Isopropylbenzene	2,300	100,000	*NA*		-	*NA*		-	*NA*		-
Methyl tert-butyl ether (MBTE)	930	100,000	ND		5	ND		4.6	ND		4.2
Methylene chloride	50	500,000	5.8	J	10	7.5	J	9.1	5	J	8.4
Naphthalene	12,000	NE	ND		10	ND		9.1	ND		8.4
n-Butylbenzene	12,000	100,000	ND		5	ND		4.6	ND		4.2
n-Propylbenzene	3,900	100,000	ND		5	ND		4.6	ND		4.2
o-Xylene	NE	NE	ND		5	ND		4.6	ND		4.2
p- & m- Xylenes	NE	NE	ND		10	ND		9.1	ND		8.4
p-Isopropyltoluene	10,000	NE	*NA*		-	*NA*		-	*NA*		-
sec-Butylbenzene	11,000	100,000	ND		5	ND		4.6	ND		4.2
Styrene	NE	NE	ND		5	ND		4.6	ND		4.2
tert-Butylbenzene	5,900	100,000	ND		5	ND		4.6	ND		4.2
Tetrachloroethylene	1,300	19,000	ND		5	31		4.6	ND		4.2
Toluene	700	100,000	ND		5	ND		4.6	ND		4.2
trans-1,2-Dichloroethylene	190	100,000	ND		5	2.7	J	4.6	ND		4.2
trans-1,3-Dichloropropylene	NE	NE	ND		5	ND		4.6	ND		4.2
Trichloroethylene	470	21,000	ND		5	**2,600**		470	6.2		4.2
Trichlorofluoromethane	NE	NE	ND		5	ND		4.6	ND		4.2
Vinyl acetate	NE	NE	*NA*		-	*NA*		-	*NA*		-
Vinyl Chloride	20	900	ND		5	10		4.6	ND		4.2
Xylenes, Total	260	100,000	ND		15	ND		14	ND		13
Total TICs	NE	NE	*NA*		-	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 4: Soil - VOCs (Spill Site)

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		SB-MW-17 (12-16) (2012-04-19) (Spill Site)			SB-MW-18 (8-12) (2012-04-19) (Spill Site)			MW-19 (10-12) (2012-02-02) (Spill Site)		
	Unrestricted	Restricted-Residential	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
1,1,1,2-Tetrachloroethane	NE	NE	ND		13	ND		560	ND		600
1,1,1-Trichloroethane	680	100,000	ND		13	ND		560	ND		600
1,1,2,2-Tetrachloroethane	NE	NE	ND		13	ND		560	ND		600
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		13	ND		560	ND		600
1,1,2-Trichloroethane	NE	NE	ND		13	ND		560	ND		600
1,1-Dichloroethane	270	26,000	ND		13	ND		560	ND		600
1,1-Dichloroethylene	330	100,000	ND		13	ND		560	ND		600
1,1-Dichloropropylene	NE	NE	ND		13	ND		560	ND		600
1,2,3-Trichlorobenzene	NE	NE	ND		25	ND		1,100	ND		1,200
1,2,3-Trichloropropane	NE	NE	ND		13	ND		560	ND		600
1,2,4-Trichlorobenzene	NE	NE	ND		25	ND		1,100	ND		1,200
1,2,4-Trimethylbenzene	3,600	52,000	ND		13	ND		560	ND		600
1,2-Dibromo-3-chloropropane	NE	NE	ND		25	ND		1,100	ND		1,200
1,2-Dibromoethane	NE	NE	ND		13	ND		560	ND		600
1,2-Dichlorobenzene	1,100	100,000	ND		13	ND		560	ND		600
1,2-Dichloroethane	20	3,100	ND		13	ND		560	ND		600
1,2-Dichloropropane	NE	NE	ND		13	ND		560	ND		600
1,3,5-Trimethylbenzene	8,400	52,000	ND		13	ND		560	ND		600
1,3-Dichlorobenzene	2,400	49,000	ND		13	ND		560	ND		600
1,3-Dichloropropane	NE	NE	ND		13	ND		560	ND		600
1,4-Dichlorobenzene	1,800	13,000	ND		13	ND		560	ND		600
1,4-Dioxane	100	13,000	ND		130	ND		5,600	ND		6,000
2,2-Dichloropropane	NE	NE	ND		13	ND		560	ND		600
2-Butanone	120	100,000	ND		25	ND		1,100	ND		1,200
2-Chlorotoluene	NE	NE	ND		13	ND		560	ND		600
4-Chlorotoluene	NE	NE	ND		13	ND		560	ND		600
Acetone	50	100,000	49	B	25	16	B-dil,B	11	**1,100**	J	1,200
Benzene	60	4,800	ND		13	ND		560	ND		600
Bromobenzene	NE	NE	ND		13	ND		560	ND		600
Bromochloromethane	NE	NE	ND		13	ND		560	ND		600
Bromodichloromethane	NE	NE	ND		13	ND		560	ND		600
Bromoform	NE	NE	ND		13	ND		560	ND		600
Bromomethane	NE	NE	ND		13	290	J	560	ND		600
Carbon tetrachloride	760	2,400	ND		13	ND		560	ND		600
Chlorobenzene	1,100	100,000	ND		13	ND		560	ND		600
Chloroethane	NE	NE	ND		13	ND		560	ND		600
Chloroform	370	49,000	ND		13	ND		560	ND		600
Chloromethane	NE	NE	ND		13	ND		560	ND		600
cis-1,2-Dichloroethylene	250	100,000	ND		13	ND		560	ND		600
cis-1,3-Dichloropropylene	NE	NE	ND		13	ND		560	ND		600
Dibromochloromethane	NE	NE	ND		13	ND		560	ND		600
Dibromomethane	NE	NE	ND		13	ND		560	ND		600
Dichlorodifluoromethane	NE	NE	ND		13	ND		560	ND		600
Ethyl Benzene	1,000	41,000	ND		13	ND		560	260	J	600
Hexachlorobutadiene	NE	NE	ND		13	ND		560	ND		600
Isopropylbenzene	2,300	100,000	ND		13	ND		560	250	J	600
Methyl tert-butyl ether (MTBE)	930	100,000	ND		13	ND		560	ND		600
Methylene chloride	50	500,000	23	J,B	25	8.1	B-dil,J,B	11	2.3	B-dil,J, B	12
Naphthalene	12,000	NE	ND		25	ND		1,100	2,900		1,200
n-Butylbenzene	12,000	100,000	ND		13	ND		560	450	J	600
n-Propylbenzene	3,900	100,000	ND		13	ND		560	440	J	600
o-Xylene	NE	NE	ND		13	ND		560	130	J	600
p- & m- Xylenes	NE	NE	ND		25	ND		1,100	ND		1,200
p-Isopropyltoluene	10,000	NE	ND		13	ND		560	ND		600
sec-Butylbenzene	11,000	100,000	ND		13	ND		560	330	J	600
Styrene	NE	NE	ND		13	ND		560	ND		600
tert-Butylbenzene	5,900	100,000	ND		13	ND		560	ND		600
Tetrachloroethylene	1,300	19,000	ND		13	ND		560	ND		600
Toluene	700	100,000	ND		13	ND		560	ND		600
trans-1,2-Dichloroethylene	190	100,000	ND		13	ND		560	ND		600
trans-1,3-Dichloropropylene	NE	NE	ND		13	ND		560	ND		600
Trichloroethylene	470	21,000	2.4	J	13	ND		560	ND		600
Trichlorofluoromethane	NE	NE	ND		13	ND		560	ND		600
Vinyl acetate	NE	NE	*NA*		-	*NA*		-	*NA*		-
Vinyl Chloride	20	900	ND		13	ND		560	ND		600
Xylenes, Total	260	100,000	ND		38	ND		1,700	ND		1,800
Total TICs	NE	NE	*NA*		-	*NA*		-	28,891		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 4: Soil - VOCs (Spill Site)

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs (USEPA Method 8260)	Soil Cleanup Objectives (SCOs)		SB-77A (8-12) (Spill Site) (2012-04-19)			SB-78A (8-12) (Spill Site) (2012-04-19)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL
1,1,1,2-Tetrachloroethane	NE	NE	ND		13	ND		12
1,1,1-Trichloroethane	680	100,000	ND		13	ND		12
1,1,2,2-Tetrachloroethane	NE	NE	ND		13	ND		12
1,1,2-Trichloro-1,2,2-trifluoroethane	NE	NE	ND		13	ND		12
1,1,2-Trichloroethane	NE	NE	ND		13	ND		12
1,1-Dichloroethane	270	26,000	ND		13	ND		12
1,1-Dichloroethylene	330	100,000	ND		13	ND		12
1,1-Dichloropropylene	NE	NE	ND		13	ND		12
1,2,3-Trichlorobenzene	NE	NE	ND		26	ND		24
1,2,3-Trichloropropane	NE	NE	ND		13	ND		12
1,2,4-Trichlorobenzene	NE	NE	ND		26	ND		24
1,2,4-Trimethylbenzene	3,600	52,000	ND		13	ND		12
1,2-Dibromo-3-chloropropane	NE	NE	ND		26	ND		24
1,2-Dibromoethane	NE	NE	ND		13	ND		12
1,2-Dichlorobenzene	1,100	100,000	ND		13	ND		12
1,2-Dichloroethane	20	3,100	ND		13	ND		12
1,2-Dichloropropane	NE	NE	ND		13	ND		12
1,3,5-Trimethylbenzene	8,400	52,000	ND		13	ND		12
1,3-Dichlorobenzene	2,400	49,000	ND		13	ND		12
1,3-Dichloropropane	NE	NE	ND		13	ND		12
1,4-Dichlorobenzene	1,800	13,000	ND		13	ND		12
1,4-Dioxane	100	13,000	ND		130	ND		120
2,2-Dichloropropane	NE	NE	ND		13	ND		12
2-Butanone	120	100,000	ND		26	ND		24
2-Chlorotoluene	NE	NE	ND		13	ND		12
4-Chlorotoluene	NE	NE	ND		13	ND		12
Acetone	50	100,000	25	J,B	26	22	J,B	24
Benzene	60	4,800	ND		13	ND		12
Bromobenzene	NE	NE	ND		13	ND		12
Bromochloromethane	NE	NE	ND		13	ND		12
Bromodichloromethane	NE	NE	ND		13	ND		12
Bromoform	NE	NE	ND		13	ND		12
Bromomethane	NE	NE	ND		13	ND		12
Carbon tetrachloride	760	2,400	ND		13	ND		12
Chlorobenzene	1,100	100,000	ND		13	ND		12
Chloroethane	NE	NE	ND		13	ND		12
Chloroform	370	49,000	ND		13	ND		12
Chloromethane	NE	NE	ND		13	ND		12
cis-1,2-Dichloroethylene	250	100,000	ND		13	ND		12
cis-1,3-Dichloropropylene	NE	NE	ND		13	ND		12
Dibromochloromethane	NE	NE	ND		13	ND		12
Dibromomethane	NE	NE	ND		13	ND		12
Dichlorodifluoromethane	NE	NE	ND		13	ND		12
Ethyl Benzene	1,000	41,000	ND		13	ND		12
Hexachlorobutadiene	NE	NE	ND		13	ND		12
Isopropylbenzene	2,300	100,000	ND		13	ND		12
Methyl tert-butyl ether (MTBE)	930	100,000	ND		13	ND		12
Methylene chloride	50	500,000	22	J,B	26	20	J,B	24
Naphthalene	12,000	NE	ND		26	ND		24
n-Butylbenzene	12,000	100,000	ND		13	ND		12
n-Propylbenzene	3,900	100,000	ND		13	ND		12
o-Xylene	NE	NE	ND		13	ND		12
p- & m- Xylenes	NE	NE	ND		26	ND		24
p-Isopropyltoluene	10,000	NE	ND		13	ND		12
sec-Butylbenzene	11,000	100,000	ND		13	ND		12
Styrene	NE	NE	ND		13	ND		12
tert-Butylbenzene	5,900	100,000	ND		13	ND		12
Tetrachloroethylene	1,300	19,000	ND		13	ND		12
Toluene	700	100,000	ND		13	ND		12
trans-1,2-Dichloroethylene	190	100,000	ND		13	ND		12
trans-1,3-Dichloropropylene	NE	NE	ND		13	ND		12
Trichloroethylene	470	21,000	ND		13	ND		12
Trichlorofluoromethane	NE	NE	ND		13	ND		12
Vinyl acetate	NE	NE	*NA*		-	*NA*		-
Vinyl Chloride	20	900	ND		13	ND		12
Xylenes, Total	260	100,000	ND		39	ND		35
Total TICs	NE	NE	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 5: Soil - SVOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		MW-17 (14) (2012-02-15) (Spill Site)			MW-18 (15) (2012-02-15) (Spill Site)			MW-19 (10-12) (2012-02-02) (Spill Site)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		215	ND		198	ND		4,030
1,2-Dichlorobenzene	NE	NE	ND		215	ND		198	ND		4,030
1,3-Dichlorobenzene	NE	NE	ND		215	ND		198	ND		4,030
1,4-Dichlorobenzene	NE	NE	ND		215	ND		198	ND		4,030
2,4,5-Trichlorophenol	NE	100,000	*NA*		-	*NA*		-	ND		4,030
2,4,6-Trichlorophenol	NE	NE	*NA*		-	*NA*		-	ND		4,030
2,4-Dichlorophenol	NE	100,000	*NA*		-	*NA*		-	ND		4,030
2,4-Dimethylphenol	NE	NE	*NA*		-	*NA*		-	ND		4,030
2,4-Dinitrophenol	NE	100,000	*NA*		-	*NA*		-	ND		8,060
2,4-Dinitrotoluene	NE	NE	ND		215	ND		198	ND		4,030
2,6-Dinitrotoluene	NE	1,030	ND		215	ND		198	ND		4,030
2-Chloronaphthalene	NE	NE	ND		215	ND		198	ND		4,030
2-Chlorophenol	NE	100,000	*NA*		-	*NA*		-	ND		4,030
2-Methylnaphthalene	NE	410	ND		215	ND		198	**13,200**		4,030
2-Methylphenol	330	100,000	*NA*		-	*NA*		-	ND		4,030
2-Nitroaniline	NE	NE	*NA*		-	*NA*		-	ND		4,030
2-Nitrophenol	NE	NE	*NA*		-	*NA*		-	ND		4,030
3- & 4-Methylphenols	330	100,000	*NA*		-	*NA*		-	ND		4,030
3,3'-Dichlorobenzidine	NE	NE	ND		215	ND		198	ND		4,030
3-Nitroaniline	NE	NE	ND		215	ND		198	ND		4,030
4,6-Dinitro-2-methylphenol	NE	NE	*NA*		-	*NA*		-	ND		8,060
4-Bromophenyl phenyl ether	NE	NE	ND		215	ND		198	ND		4,030
4-Chloro-3-methylphenol	NE	NE	ND		215	ND		198	ND		4,030
4-Chloroaniline	NE	NE	ND		215	ND		198	ND		4,030
4-Chlorophenyl phenyl ether	NE	NE	ND		215	ND		198	ND		4,030
4-Nitroaniline	NE	NE	ND		215	ND		198	ND		4,030
4-Nitrophenol	NE	NE	*NA*		-	*NA*		-	ND		4,030
Acenaphthene	20,000	100,000	ND		215	ND		198	ND		4,030
Acenaphthylene	100,000	100,000	ND		215	ND		198	ND		4,030
Aniline	NE	100,000	ND		215	ND		198	ND		4,030
Anthracene	100,000	100,000	ND		215	ND		198	1,400	J	4,030
Benzo(a)anthracene	1,000	1,000	ND		215	ND		198	ND		4,030
Benzo(a)pyrene	1,000	1,000	ND		215	53	J	198	ND		4,030
Benzo(b)fluoranthene	1,000	1,000	ND		215	ND		198	ND		4,030
Benzo(g,h,i)perylene	100,000	100,000	ND		215	ND		198	ND		4,030
Benzo(k)fluoranthene	800	3,900	ND		215	ND		198	ND		4,030
Benzoic acid			*NA*		-	*NA*		-	*NA*		-
Benzyl alcohol	NE	NE	*NA*		-	*NA*		-	ND		4,030
Benzyl butyl phthalate	NE	NE	ND		215	ND		198	10,100		4,030
Bis(2-chloroethoxy)methane	NE	NE	ND		215	ND		198	ND		4,030
Bis(2-chloroethyl)ether	NE	NE	ND		215	ND		198	ND		4,030
Bis(2-chloroisopropyl)ether	NE	NE	ND		215	ND		198	ND		4,030
Bis(2-ethylhexyl)phthalate	NE	50,000	1,400		215	440		198	4,330		4,030
Carbazole	NE	NE	ND		215	ND		198	*NA*		-
Chrysene	1,000	3,900	ND		215	ND		198	ND		4,030
Dibenzo(a,h)anthracene	330	330	ND		215	ND		198	ND		4,030
Dibenzofuran	NE	NE	ND		215	ND		198	ND		4,030
Diethyl phthalate	NE	100,000	ND		215	ND		198	ND		4,030
Dimethyl phthalate	NE	100,000	ND		215	ND		198	ND		4,030
Di-n-butyl phthalate	NE	100,000	ND		215	ND		198	ND		4,030
Di-n-octyl phthalate	NE	100,000	350		215	ND		198	ND		4,030
Fluoranthene	100,000	100,000	ND		215	ND		198	ND		4,030
Fluorene	30,000	100,000	ND		215	ND		198	1,850	J	4,030
Hexachlorobenzene	NE	410	ND		215	ND		198	ND		4,030
Hexachlorobutadiene	NE	NE	ND		215	ND		198	ND		4,030
Hexachlorocyclopentadiene	NE	NE	ND		215	ND		198	ND		4,030
Hexachloroethane	NE	NE	ND		215	ND		198	ND		4,030
Indeno(1,2,3-cd)pyrene	500	500	ND		215	ND		198	ND		4,030
Isophorone	NE	100,000	ND		215	ND		198	ND		4,030
Naphthalene	12,000	100,000	ND		215	ND		198	2,000	J	4,030
Nitrobenzene	NE	15,000	ND		215	ND		198	ND		4,030
N-Nitrosodimethylamine	NE	NE	ND	R	215	ND		198	ND		4,030
N-nitroso-di-n-propylamine	NE	NE	ND		215	ND		198	ND		4,030
N-Nitrosodiphenylamine	NE	NE	ND		215	ND		198	ND		4,030
Pentachlorophenol	800	6,700	*NA*		-	*NA*		-	ND		4,030
Phenanthrene	100,000	100,000	ND		215	ND		198	6,650		4,030
Phenol	330	100,000	*NA*		-	*NA*		-	ND		4,030
Pyrene	100,000	100,000	ND		215	76.4	J	198	3,360	J	4,030
Pyridine	NE	NE	ND		215	ND	R	198	ND	R	4,030
Total TICs	NE	NE	*NA*		-	*NA*		-	5,360		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

IHWD ID: 224136

Table 5: Soil - SVOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		MW-22 (10-11) (2012-02-16)			MW-22 (12-14) (2012-02-16)			MW-23 (2012-07-25)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		88,700	ND		19,900	ND		2,040
1,2-Dichlorobenzene	NE	NE	ND		88,700	ND		19,900	ND		2,040
1,3-Dichlorobenzene	NE	NE	ND		88,700	ND		19,900	ND		2,040
1,4-Dichlorobenzene	NE	NE	ND		88,700	ND		19,900	ND		2,040
2,4,5-Trichlorophenol	NE	100,000	*NA*		-	ND		19,900	ND		2,040
2,4,6-Trichlorophenol	NE	NE	*NA*		-	ND		19,900	ND		2,040
2,4-Dichlorophenol	NE	100,000	*NA*		-	ND		19,900	ND		2,040
2,4-Dimethylphenol	NE	NE	*NA*		-	ND		19,900	ND		2,040
2,4-Dinitrophenol	NE	100,000	*NA*		-	ND		39,800	ND		4,080
2,4-Dinitrotoluene	NE	NE	ND		88,700	ND		19,900	ND		2,040
2,6-Dinitrotoluene	NE	1,030	ND		88,700	ND		19,900	ND		2,040
2-Chloronaphthalene	NE	NE	ND		88,700	ND		19,900	ND		2,040
2-Chlorophenol	NE	100,000	*NA*		-	ND		19,900	ND		2,040
2-Methylnaphthalene	NE	410	ND		88,700	ND		19,900	ND		2,040
2-Methylphenol	330	100,000	*NA*		-	ND		19,900	ND		2,040
2-Nitroaniline	NE	NE	*NA*		-	ND		199	ND		2,040
2-Nitrophenol	NE	NE	*NA*		-	ND		19,900	ND		2,040
3- & 4-Methylphenols	330	100,000	*NA*		-	ND		19,900	ND		2,040
3,3'-Dichlorobenzidine	NE	NE	ND		88,700	ND		19,900	ND		2,040
3-Nitroaniline	NE	NE	ND		88,700	ND		19,900	ND		2,040
4,6-Dinitro-2-methylphenol	NE	NE	*NA*		-	ND		39,800	ND		4,080
4-Bromophenyl phenyl ether	NE	NE	ND		88,700	ND		19,900	ND		2,040
4-Chloro-3-methylphenol	NE	NE	ND		88,700	ND		19,900	ND		2,040
4-Chloroaniline	NE	NE	ND		88,700	ND		19,900	ND		2,040
4-Chlorophenyl phenyl ether	NE	NE	ND		88,700	ND		19,900	ND		2,040
4-Nitroaniline	NE	NE	ND		88,700	ND		19,900	ND		2,040
4-Nitrophenol	NE	NE	*NA*		-	ND		19,900	ND		2,040
Acenaphthene	20,000	100,000	ND		88,700	ND		19,900	ND		2,040
Acenaphthylene	100,000	100,000	ND		88,700	ND		19,900	ND		2,040
Aniline	NE	100,000	ND		88,700	ND		19,900	ND		2,040
Anthracene	100,000	100,000	ND		88,700	ND		19,900	ND		2,040
Benzo(a)anthracene	1,000	1,000	ND		88,700	ND		19,900	ND		2,040
Benzo(a)pyrene	1,000	1,000	ND		88,700	ND		19,900	ND		2,040
Benzo(b)fluoranthene	1,000	1,000	ND		88,700	ND		19,900	ND		2,040
Benzo(g,h,i)perylene	100,000	100,000	ND		88,700	ND		19,900	ND		2,040
Benzo(k)fluoranthene	800	3,900	ND		88,700	ND		19,900	ND		2,040
Benzoic acid			*NA*		-	*NA*		-	*NA*		-
Benzyl alcohol	NE	NE	*NA*		-	ND		19,900	ND		2,040
Benzyl butyl phthalate	NE	NE	48,300	J	88,700	ND		19,900	ND		2,040
Bis(2-chloroethoxy)methane	NE	NE	ND		88,700	ND		19,900	ND		2,040
Bis(2-chloroethyl)ether	NE	NE	ND		88,700	ND		19,900	ND		2,040
Bis(2-chloroisopropyl)ether	NE	NE	ND		88,700	ND		19,900	ND		2,040
Bis(2-ethylhexyl)phthalate	NE	50,000	**59,200,000**	E	4,440,000	**5,340,000**		996,000	8,450		2,040
Carbazole	NE	NE	ND		887	*NA*		-	*NA*		-
Chrysene	1,000	3,900	ND		88,700	ND		19,900	ND		2,040
Dibenzo(a,h)anthracene	330	330	ND		88,700	ND		19,900	ND		2,040
Dibenzofuran	NE	NE	ND		88,700	ND		19,900	ND		2,040
Diethyl phthalate	NE	100,000	ND		88,700	ND		19,900	ND		2,040
Dimethyl phthalate	NE	100,000	ND		88,700	ND		19,900	ND		2,040
Di-n-butyl phthalate	NE	100,000	ND		88,700	ND		19,900	ND		2,040
Di-n-octyl phthalate	NE	100,000	**576,000**		88,700	ND		19,900	ND		2,040
Fluoranthene	100,000	100,000	ND		88,700	ND		19,900	ND		2,040
Fluorene	30,000	100,000	ND		88,700	ND		19,900	ND		2,040
Hexachlorobenzene	NE	410	ND		88,700	ND		19,900	ND		2,040
Hexachlorobutadiene	NE	NE	ND		88,700	ND		19,900	ND		2,040
Hexachlorocyclopentadiene	NE	NE	ND		88,700	ND		19,900	ND		2,040
Hexachloroethane	NE	NE	ND		88,700	ND		19,900	ND		2,040
Indeno(1,2,3-cd)pyrene	500	500	ND		88,700	ND		19,900	ND		2,040
Isophorone	NE	100,000	ND		88,700	ND		19,900	ND		2,040
Naphthalene	12,000	100,000	ND		88,700	ND		19,900	ND		2,040
Nitrobenzene	NE	15,000	ND		88,700	ND		19,900	ND		2,040
N-Nitrosodimethylamine	NE	NE	ND		88,700	ND		19,900	ND		2,040
N-nitroso-di-n-propylamine	NE	NE	ND		88,700	ND		19,900	ND		2,040
N-Nitrosodiphenylamine	NE	NE	ND		88,700	ND		19,900	ND		2,040
Pentachlorophenol	800	6,700	*NA*		-	ND		19,900	ND		2,040
Phenanthrene	100,000	100,000	ND		88,700	ND		19,900	ND		2,040
Phenol	330	100,000	*NA*		-	ND		19,900	ND		2,040
Pyrene	100,000	100,000	ND		88,700	ND		19,900	ND		2,040
Pyridine	NE	NE	ND		88,700	ND		19,900	ND		2,040
Total TICs	NE	NE	*NA*		-	358		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 5: Soil - SVOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		MW-24 (2012-07-25)			MW-25 (2012-07-25)			MW-26 (2012-09-24)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		209	ND		18,600	ND	R	21,800
1,2-Dichlorobenzene	NE	NE	ND		209	ND		18,600	ND		21,800
1,3-Dichlorobenzene	NE	NE	ND		209	ND		18,600	ND		21,800
1,4-Dichlorobenzene	NE	NE	ND		209	ND		18,600	ND		21,800
2,4,5-Trichlorophenol	NE	100,000	ND		209	ND		18,600	ND		21,800
2,4,6-Trichlorophenol	NE	NE	ND		209	ND		18,600	ND		21,800
2,4-Dichlorophenol	NE	100,000	ND		209	ND		18,600	ND		21,800
2,4-Dimethylphenol	NE	NE	ND		209	ND		18,600	ND		21,800
2,4-Dinitrophenol	NE	100,000	ND		417	ND		37,100	ND		43,500
2,4-Dinitrotoluene	NE	NE	ND		209	ND		18,600	ND		21,800
2,6-Dinitrotoluene	NE	1,030	ND		209	ND		18,600	ND		21,800
2-Chloronaphthalene	NE	NE	ND		209	ND		18,600	ND		21,800
2-Chlorophenol	NE	100,000	ND		209	ND		18,600	ND		21,800
2-Methylnaphthalene	NE	410	ND		209	ND		18,600	ND		21,800
2-Methylphenol	330	100,000	ND		209	ND		18,600	ND		21,800
2-Nitroaniline	NE	NE	ND		209	ND		18,600	ND		21,800
2-Nitrophenol	NE	NE	ND		209	ND		18,600	ND		21,800
3- & 4-Methylphenols	330	100,000	ND		209	ND		18,600	ND		21,800
3,3'-Dichlorobenzidine	NE	NE	ND		209	ND		18,600	ND		21,800
3-Nitroaniline	NE	NE	ND		209	ND		18,600	ND		21,800
4,6-Dinitro-2-methylphenol	NE	NE	ND		417	ND		37,100	ND		43,500
4-Bromophenyl phenyl ether	NE	NE	ND		209	ND		18,600	ND		21,800
4-Chloro-3-methylphenol	NE	NE	ND		209	ND		18,600	ND		21,800
4-Chloroaniline	NE	NE	ND		209	ND		18,600	ND		21,800
4-Chlorophenyl phenyl ether	NE	NE	ND		209	ND		18,600	ND		21,800
4-Nitroaniline	NE	NE	ND		209	ND		18,600	ND		21,800
4-Nitrophenol	NE	NE	ND		209	ND		18,600	ND		21,800
Acenaphthene	20,000	100,000	ND		209	ND		18,600	ND		21,800
Acenaphthylene	100,000	100,000	ND		209	ND		18,600	ND		21,800
Aniline	NE	100,000	ND		209	ND		18,600	ND		21,800
Anthracene	100,000	100,000	ND		209	ND		18,600	ND		21,800
Benzo(a)anthracene	1,000	1,000	ND		209	ND		18,600	ND		21,800
Benzo(a)pyrene	1,000	1,000	ND		209	ND		18,600	ND		21,800
Benzo(b)fluoranthene	1,000	1,000	ND		209	ND		18,600	ND		21,800
Benzo(g,h,i)perylene	100,000	100,000	ND		209	ND		18,600	ND		21,800
Benzo(k)fluoranthene	800	3,900	ND		209	ND		18,600	ND		21,800
Benzoic acid			*NA*		-	*NA*		-	*NA*		-
Benzyl alcohol	NE	NE	ND		209	ND		18,600	ND		21,800
Benzyl butyl phthalate	NE	NE	ND		209	ND		18,600	ND		21,800
Bis(2-chloroethoxy)methane	NE	NE	ND		209	ND		18,600	ND		21,800
Bis(2-chloroethyl)ether	NE	NE	ND		209	ND		18,600	ND		21,800
Bis(2-chloroisopropyl)ether	NE	NE	ND		209	ND		18,600	ND		21,800
Bis(2-ethylhexyl)phthalate	NE	50,000	564		209	**14,000,000**	E	186,000	**876,000**	E	21,800
Carbazole	NE	NE	*NA*		-	*NA*		-	*NA*		-
Chrysene	1,000	3,900	ND		209	ND		18,600	ND		21,800
Dibenzo(a,h)anthracene	330	330	ND		209	ND		18,600	ND		21,800
Dibenzofuran	NE	NE	ND		209	ND		18,600	ND		21,800
Diethyl phthalate	NE	100,000	ND		209	ND		18,600	ND		21,800
Dimethyl phthalate	NE	100,000	ND		209	ND		18,600	ND		21,800
Di-n-butyl phthalate	NE	100,000	ND		209	ND		18,600	ND		21,800
Di-n-octyl phthalate	NE	100,000	ND		209	**769,000**		186,000	76,500		21,800
Fluoranthene	100,000	100,000	ND		209	ND		18,600	ND		21,800
Fluorene	30,000	100,000	ND		209	ND		18,600	ND		21,800
Hexachlorobenzene	NE	410	ND		209	ND		18,600	ND		21,800
Hexachlorobutadiene	NE	NE	ND		209	ND		18,600	ND	R	21,800
Hexachlorocyclopentadiene	NE	NE	ND		209	ND		18,600	ND		21,800
Hexachloroethane	NE	NE	ND		209	ND		18,600	ND		21,800
Indeno(1,2,3-cd)pyrene	500	500	ND		209	ND		18,600	ND		21,800
Isophorone	NE	100,000	ND		209	ND		18,600	ND		21,800
Naphthalene	12,000	100,000	ND		209	ND		18,600	ND		21,800
Nitrobenzene	NE	15,000	ND		209	ND		18,600	ND		21,800
N-Nitrosodimethylamine	NE	NE	ND		209	ND		18,600	ND		21,800
N-nitroso-di-n-propylamine	NE	NE	ND		209	ND		18,600	ND		21,800
N-Nitrosodiphenylamine	NE	NE	ND		209	ND		18,600	ND		21,800
Pentachlorophenol	800	6,700	ND		209	ND		18,600	ND		21,800
Phenanthrene	100,000	100,000	ND		209	ND		18,600	ND		21,800
Phenol	330	100,000	ND		209	ND		18,600	ND		21,800
Pyrene	100,000	100,000	ND		209	ND		18,600	ND		21,800
Pyridine	NE	NE	ND		209	ND		18,600	ND		21,800
Total TICs	NE	NE	ND		-	ND		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 5: Soil - SVOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		MW-27 (2012-09-24)			MW-28 (2013-01-15)			MW-29 (2013-01-08)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		213	ND		307	ND		196
1,2-Dichlorobenzene	NE	NE	ND		213	ND		307	ND		196
1,3-Dichlorobenzene	NE	NE	ND		213	ND		307	ND		196
1,4-Dichlorobenzene	NE	NE	ND		213	ND		307	ND		196
2,4,5-Trichlorophenol	NE	100,000	ND		213	ND		307	ND		196
2,4,6-Trichlorophenol	NE	NE	ND		213	ND		307	ND		196
2,4-Dichlorophenol	NE	100,000	ND		213	ND		307	ND		196
2,4-Dimethylphenol	NE	NE	ND		213	ND		307	ND		196
2,4-Dinitrophenol	NE	100,000	ND	R	426	ND		614	ND		393
2,4-Dinitrotoluene	NE	NE	ND		213	ND		307	ND		196
2,6-Dinitrotoluene	NE	1,030	ND		213	ND		307	ND		196
2-Chloronaphthalene	NE	NE	ND		213	ND		307	ND		196
2-Chlorophenol	NE	100,000	ND		213	ND		307	ND		196
2-Methylnaphthalene	NE	410	ND		213	ND		307	ND		196
2-Methylphenol	330	100,000	ND		213	ND		307	ND		196
2-Nitroaniline	NE	NE	ND		213	ND		307	ND		196
2-Nitrophenol	NE	NE	ND		213	ND		307	ND		196
3- & 4-Methylphenols	330	100,000	ND		213	ND		307	ND		196
3,3'-Dichlorobenzidine	NE	NE	ND		213	ND		307	ND		196
3-Nitroaniline	NE	NE	ND		213	ND		307	ND	R	196
4,6-Dinitro-2-methylphenol	NE	NE	ND	R	426	ND		614	ND		393
4-Bromophenyl phenyl ether	NE	NE	ND		213	ND		307	ND		196
4-Chloro-3-methylphenol	NE	NE	ND		213	ND		307	ND		196
4-Chloroaniline	NE	NE	ND		213	ND		307	ND	R	196
4-Chlorophenyl phenyl ether	NE	NE	ND		213	ND		307	ND		196
4-Nitroaniline	NE	NE	ND		213	ND		307	ND		196
4-Nitrophenol	NE	NE	ND		213	ND		307	ND		196
Acenaphthene	20,000	100,000	ND		213	ND		307	ND		196
Acenaphthylene	100,000	100,000	ND		213	ND		307	ND		196
Aniline	NE	100,000	ND		213	ND		307	ND	R	196
Anthracene	100,000	100,000	ND		213	ND		307	ND		196
Benzo(a)anthracene	1,000	1,000	ND		213	ND		307	ND		196
Benzo(a)pyrene	1,000	1,000	ND		213	ND		307	ND		196
Benzo(b)fluoranthene	1,000	1,000	ND		213	ND		307	ND		196
Benzo(g,h,i)perylene	100,000	100,000	ND		213	ND		307	ND		196
Benzo(k)fluoranthene	800	3,900	ND		213	ND		307	ND		196
Benzoic acid			*NA*		-	*NA*		-	*NA*		-
Benzyl alcohol	NE	NE	ND		213	ND		307	ND		196
Benzyl butyl phthalate	NE	NE	ND		213	ND		307	ND		196
Bis(2-chloroethoxy)methane	NE	NE	ND		213	ND		307	ND		196
Bis(2-chloroethyl)ether	NE	NE	ND		213	ND		307	ND		196
Bis(2-chloroisopropyl)ether	NE	NE	ND		213	ND		307	ND		196
Bis(2-ethylhexyl)phthalate	NE	50,000	ND		10,700	ND		307	ND		196
Carbazole	NE	NE	*NA*		-	*NA*		-	*NA*		-
Chrysene	1,000	3,900	ND		213	ND		307	ND		196
Dibenzo(a,h)anthracene	330	330	ND		213	ND		307	ND		196
Dibenzofuran	NE	NE	ND		213	ND		307	ND		196
Diethyl phthalate	NE	100,000	ND		213	ND		307	ND		196
Dimethyl phthalate	NE	100,000	ND		213	ND		307	ND		196
Di-n-butyl phthalate	NE	100,000	ND		213	ND		307	ND		196
Di-n-octyl phthalate	NE	100,000	ND		213	ND		307	ND		196
Fluoranthene	100,000	100,000	ND		213	ND		307	ND		196
Fluorene	30,000	100,000	ND		213	ND		307	ND		196
Hexachlorobenzene	NE	410	ND		213	ND		307	ND		196
Hexachlorobutadiene	NE	NE	ND		213	ND		307	ND		196
Hexachlorocyclopentadiene	NE	NE	ND	R	213	ND	R	307	ND		196
Hexachloroethane	NE	NE	ND		213	ND		307	ND		196
Indeno(1,2,3-cd)pyrene	500	500	ND		213	ND		307	ND		196
Isophorone	NE	100,000	ND		213	ND		307	ND		196
Naphthalene	12,000	100,000	ND		213	ND		307	ND		196
Nitrobenzene	NE	15,000	ND		213	ND		307	ND		196
N-Nitrosodimethylamine	NE	NE	ND		213	ND		307	ND		196
N-nitroso-di-n-propylamine	NE	NE	ND		213	ND		307	ND		196
N-Nitrosodiphenylamine	NE	NE	ND		213	ND		307	ND		196
Pentachlorophenol	800	6,700	ND		213	ND		307	ND		196
Phenanthrene	100,000	100,000	ND		213	ND		307	ND		196
Phenol	330	100,000	ND		213	ND		307	ND		196
Pyrene	100,000	100,000	ND		213	ND		307	ND		196
Pyridine	NE	NE	ND		213	ND		307	ND		196
Total TICs	NE	NE	*NA*		-	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 5: Soil - SVOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		MW-30 (10-15) (2013-07-31)			MW-31 (10-15) (2013-07-31)			MW-32 (0-5) (2013-07-31)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		301	ND		274	ND		267
1,2-Dichlorobenzene	NE	NE	ND		301	ND		274	ND		267
1,3-Dichlorobenzene	NE	NE	ND		301	ND		274	ND		267
1,4-Dichlorobenzene	NE	NE	ND		301	ND		274	ND		267
2,4,5-Trichlorophenol	NE	100,000	ND		301	ND		274	ND		267
2,4,6-Trichlorophenol	NE	NE	ND		301	ND		274	ND		267
2,4-Dichlorophenol	NE	100,000	ND		301	ND		274	ND		267
2,4-Dimethylphenol	NE	NE	ND		301	ND		274	ND		267
2,4-Dinitrophenol	NE	100,000	ND	R	603	ND	R	548	ND	R	534
2,4-Dinitrotoluene	NE	NE	ND		301	ND		274	ND		267
2,6-Dinitrotoluene	NE	1,030	ND		301	ND		274	ND		267
2-Chloronaphthalene	NE	NE	ND		301	ND		274	ND		267
2-Chlorophenol	NE	100,000	ND		301	ND		274	ND		267
2-Methylnaphthalene	NE	410	ND		301	ND		274	ND		267
2-Methylphenol	330	100,000	ND		301	ND		274	ND		267
2-Nitroaniline	NE	NE	ND		301	ND		274	ND		267
2-Nitrophenol	NE	NE	ND		301	ND		274	ND		267
3- & 4-Methylphenols	330	100,000	ND		301	ND		274	ND		267
3,3'-Dichlorobenzidine	NE	NE	ND		301	ND		274	ND		267
3-Nitroaniline	NE	NE	ND		301	ND		274	ND		267
4,6-Dinitro-2-methylphenol	NE	NE	ND		603	ND		548	ND		534
4-Bromophenyl phenyl ether	NE	NE	ND		301	ND		274	ND		267
4-Chloro-3-methylphenol	NE	NE	ND		301	ND		274	ND		267
4-Chloroaniline	NE	NE	ND		301	ND		274	ND		267
4-Chlorophenyl phenyl ether	NE	NE	ND		301	ND		274	ND		267
4-Nitroaniline	NE	NE	ND		301	ND		274	ND		267
4-Nitrophenol	NE	NE	ND		301	ND		274	ND		267
Acenaphthene	20,000	100,000	ND		301	ND		274	ND		267
Acenaphthylene	100,000	100,000	ND		301	ND		274	ND		267
Aniline	NE	100,000	ND		301	ND		274	ND		267
Anthracene	100,000	100,000	ND		301	ND		274	ND		267
Benzo(a)anthracene	1,000	1,000	ND		301	ND		274	ND		267
Benzo(a)pyrene	1,000	1,000	ND		301	ND		274	ND		267
Benzo(b)fluoranthene	1,000	1,000	ND		301	ND		274	ND		267
Benzo(g,h,i)perylene	100,000	100,000	ND		301	ND		274	ND		267
Benzo(k)fluoranthene	800	3,900	ND		301	ND		274	ND		267
Benzoic acid			*NA*		-	*NA*		-	*NA*		-
Benzyl alcohol	NE	NE	ND		301	ND		274	ND		267
Benzyl butyl phthalate	NE	NE	ND		301	ND		274	ND		267
Bis(2-chloroethoxy)methane	NE	NE	ND		301	ND		274	ND		267
Bis(2-chloroethyl)ether	NE	NE	ND		301	ND		274	ND		267
Bis(2-chloroisopropyl)ether	NE	NE	ND		301	ND		274	ND		267
Bis(2-ethylhexyl)phthalate	NE	50,000	ND		301	ND		274	ND		267
Carbazole	NE	NE	*NA*		-	*NA*		-	*NA*		-
Chrysene	1,000	3,900	ND		301	ND		274	ND		267
Dibenzo(a,h)anthracene	330	330	ND		301	ND		274	ND		267
Dibenzofuran	NE	NE	ND		301	ND		274	ND		267
Diethyl phthalate	NE	100,000	ND		301	ND		274	ND		267
Dimethyl phthalate	NE	100,000	ND		301	ND		274	ND		267
Di-n-butyl phthalate	NE	100,000	ND		301	ND		274	ND		267
Di-n-octyl phthalate	NE	100,000	ND		301	ND		274	ND		267
Fluoranthene	100,000	100,000	ND		301	ND		274	ND		267
Fluorene	30,000	100,000	ND		301	ND		274	ND		267
Hexachlorobenzene	NE	410	ND		301	ND		274	ND		267
Hexachlorobutadiene	NE	NE	ND		301	ND		274	ND		267
Hexachlorocyclopentadiene	NE	NE	ND		301	ND		274	ND		267
Hexachloroethane	NE	NE	ND		301	ND		274	ND		267
Indeno(1,2,3-cd)pyrene	500	500	ND		301	ND		274	ND		267
Isophorone	NE	100,000	ND		301	ND		274	ND		267
Naphthalene	12,000	100,000	ND		301	ND		274	ND		267
Nitrobenzene	NE	15,000	ND		301	ND		274	ND		267
N-Nitrosodimethylamine	NE	NE	ND		301	ND		274	ND		267
N-nitroso-di-n-propylamine	NE	NE	ND		301	ND		274	ND		267
N-Nitrosodiphenylamine	NE	NE	ND		301	ND		274	ND		267
Pentachlorophenol	800	6,700	ND		301	ND		274	ND		267
Phenanthrene	100,000	100,000	ND		301	ND		274	ND		267
Phenol	330	100,000	ND		301	ND		274	ND		267
Pyrene	100,000	100,000	ND		301	ND		274	ND		267
Pyridine	NE	NE	ND	R	301	ND	R	274	ND	R	267
Total TICs	NE	NE	ND	J	298	ND	J	271	ND	J	264

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 5: Soil - SVOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		MW-32 (10-15) (2013-07-31)			2SB-1/MW-34 (10-15) (2013-08-01)			2SB-1/MW-34 (15-20) (2013-08-01)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		291	ND		14,900	ND		312
1,2-Dichlorobenzene	NE	NE	ND		291	ND		14,900	ND		312
1,3-Dichlorobenzene	NE	NE	ND		291	ND		14,900	ND		312
1,4-Dichlorobenzene	NE	NE	ND		291	ND		14,900	ND		312
2,4,5-Trichlorophenol	NE	100,000	ND		291	ND		14,900	ND		312
2,4,6-Trichlorophenol	NE	NE	ND		291	ND		14,900	ND		312
2,4-Dichlorophenol	NE	100,000	ND		291	ND		14,900	ND		312
2,4-Dimethylphenol	NE	NE	ND		291	ND		14,900	ND		312
2,4-Dinitrophenol	NE	100,000	ND	R	581	ND	R	29,800	ND	R	623
2,4-Dinitrotoluene	NE	NE	ND		291	ND		14,900	ND		312
2,6-Dinitrotoluene	NE	1,030	ND		291	ND		14,900	ND		312
2-Chloronaphthalene	NE	NE	ND		291	ND		14,900	ND		312
2-Chlorophenol	NE	100,000	ND		291	ND		14,900	ND		312
2-Methylnaphthalene	NE	410	ND		291	ND		14,900	ND		312
2-Methylphenol	330	100,000	ND		291	ND		14,900	ND		312
2-Nitroaniline	NE	NE	ND		291	ND		14,900	ND		312
2-Nitrophenol	NE	NE	ND		291	ND		14,900	ND		312
3- & 4-Methylphenols	330	100,000	ND		291	ND		14,900	ND		312
3,3'-Dichlorobenzidine	NE	NE	ND		291	ND		14,900	ND		312
3-Nitroaniline	NE	NE	ND		291	ND		14,900	ND		312
4,6-Dinitro-2-methylphenol	NE	NE	ND		581	ND		29,800	ND		623
4-Bromophenyl phenyl ether	NE	NE	ND		291	ND		14,900	ND		312
4-Chloro-3-methylphenol	NE	NE	ND		291	ND		14,900	ND		312
4-Chloroaniline	NE	NE	ND		291	ND		14,900	ND		312
4-Chlorophenyl phenyl ether	NE	NE	ND		291	ND		14,900	ND		312
4-Nitroaniline	NE	NE	ND		291	ND		14,900	ND		312
4-Nitrophenol	NE	NE	ND		291	ND		14,900	ND		312
Acenaphthene	20,000	100,000	ND		291	ND		14,900	ND		312
Acenaphthylene	100,000	100,000	ND		291	ND		14,900	ND		312
Aniline	NE	100,000	ND		291	ND		14,900	ND		312
Anthracene	100,000	100,000	ND		291	ND		14,900	ND		312
Benzo(a)anthracene	1,000	1,000	ND		291	ND		14,900	ND		312
Benzo(a)pyrene	1,000	1,000	ND		291	ND		14,900	ND		312
Benzo(b)fluoranthene	1,000	1,000	ND		291	ND		14,900	ND		312
Benzo(g,h,i)perylene	100,000	100,000	ND		291	ND		14,900	ND		312
Benzo(k)fluoranthene	800	3,900	ND		291	ND		14,900	ND		312
Benzoic acid			*NA*		-	*NA*		-	*NA*		-
Benzyl alcohol	NE	NE	ND		291	ND		14,900	ND		312
Benzyl butyl phthalate	NE	NE	ND		291	ND		14,900	ND		312
Bis(2-chloroethoxy)methane	NE	NE	ND		291	ND		14,900	ND		312
Bis(2-chloroethyl)ether	NE	NE	ND		291	ND		14,900	ND		312
Bis(2-chloroisopropyl)ether	NE	NE	ND		291	ND		14,900	ND		312
Bis(2-ethylhexyl)phthalate	NE	50,000	ND		291	**93,700**		14,900	ND		312
Carbazole	NE	NE	*NA*		-	*NA*		-	*NA*		-
Chrysene	1,000	3,900	ND		291	ND		14,900	ND		312
Dibenzo(a,h)anthracene	330	330	ND		291	ND		14,900	ND		312
Dibenzofuran	NE	NE	ND		291	ND		14,900	ND		312
Diethyl phthalate	NE	100,000	ND		291	ND		14,900	ND		312
Dimethyl phthalate	NE	100,000	ND		291	ND		14,900	ND		312
Di-n-butyl phthalate	NE	100,000	ND		291	ND		14,900	ND		312
Di-n-octyl phthalate	NE	100,000	ND		291	87,500		14,900	ND		312
Fluoranthene	100,000	100,000	ND		291	ND		14,900	ND		312
Fluorene	30,000	100,000	ND		291	ND		14,900	ND		312
Hexachlorobenzene	NE	410	ND		291	ND		14,900	ND		312
Hexachlorobutadiene	NE	NE	ND		291	ND		14,900	ND		312
Hexachlorocyclopentadiene	NE	NE	ND		291	ND		14,900	ND		312
Hexachloroethane	NE	NE	ND		291	ND		14,900	ND		312
Indeno(1,2,3-cd)pyrene	500	500	ND		291	ND		14,900	ND		312
Isophorone	NE	100,000	ND		291	ND		14,900	ND		312
Naphthalene	12,000	100,000	ND		291	ND		14,900	ND		312
Nitrobenzene	NE	15,000	ND		291	ND		14,900	ND		312
N-Nitrosodimethylamine	NE	NE	ND		291	ND		14,900	ND		312
N-nitroso-di-n-propylamine	NE	NE	ND		291	ND		14,900	ND		312
N-Nitrosodiphenylamine	NE	NE	ND		291	ND		14,900	ND		312
Pentachlorophenol	800	6,700	ND		291	ND		14,900	ND		312
Phenanthrene	100,000	100,000	ND		291	ND		14,900	ND		312
Phenol	330	100,000	ND		291	ND		14,900	ND		312
Pyrene	100,000	100,000	ND		291	ND		14,900	ND		312
Pyridine	NE	NE	ND	R	291	ND	R	14,900	ND	R	312
Total TICs	NE	NE	ND	J	288	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 5: Soil - SVOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		2SB-9/MW-35 (0-5) (2013-08-01)			2SB-9/MW-35 (10-15) (2013-08-01)			MW-36 (11-12) (2014-07-30)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		255	ND		334	ND		50.7
1,2-Dichlorobenzene	NE	NE	ND		255	ND		334	ND		50.7
1,3-Dichlorobenzene	NE	NE	ND		255	ND		334	ND		50.7
1,4-Dichlorobenzene	NE	NE	ND		255	ND		334	ND		50.7
2,4,5-Trichlorophenol	NE	100,000	ND		255	ND		334	ND		50.7
2,4,6-Trichlorophenol	NE	NE	ND		255	ND		334	ND		50.7
2,4-Dichlorophenol	NE	100,000	ND		255	ND		334	ND		101
2,4-Dimethylphenol	NE	NE	ND		255	ND		334	ND		50.7
2,4-Dinitrophenol	NE	100,000	ND	R	510	ND	R	669	ND		202
2,4-Dinitrotoluene	NE	NE	ND		255	ND		334	ND		101
2,6-Dinitrotoluene	NE	1,030	ND		255	ND		334	ND		50.7
2-Chloronaphthalene	NE	NE	ND		255	ND		334	ND		50.7
2-Chlorophenol	NE	100,000	ND		255	ND		334	ND		50.7
2-Methylnaphthalene	NE	410	ND		255	ND		334	ND		50.7
2-Methylphenol	330	100,000	ND		255	ND		334	ND		101
2-Nitroaniline	NE	NE	ND		255	ND		334	ND		50.7
2-Nitrophenol	NE	NE	ND		255	ND		334	ND		50.7
3- & 4-Methylphenols	330	100,000	ND		255	ND		334	ND		101
3,3'-Dichlorobenzidine	NE	NE	ND		255	ND		334	ND		202
3-Nitroaniline	NE	NE	ND		255	ND		334	ND		101
4,6-Dinitro-2-methylphenol	NE	NE	ND		510	ND		669	ND		101
4-Bromophenyl phenyl ether	NE	NE	ND		255	ND		334	ND		50.7
4-Chloro-3-methylphenol	NE	NE	ND		255	ND		334	ND		101
4-Chloroaniline	NE	NE	ND		255	ND		334	ND		101
4-Chlorophenyl phenyl ether	NE	NE	ND		255	ND		334	ND		50.7
4-Nitroaniline	NE	NE	ND		255	ND		334	ND		101
4-Nitrophenol	NE	NE	ND		255	ND		334	ND		101
Acenaphthene	20,000	100,000	ND		255	ND		334	ND		50.7
Acenaphthylene	100,000	100,000	ND		255	ND		334	ND		50.7
Aniline	NE	100,000	ND		255	ND		334	*NA*		-
Anthracene	100,000	100,000	ND		255	ND		334	ND		50.7
Benzo(a)anthracene	1,000	1,000	ND		255	ND		334	ND		50.7
Benzo(a)pyrene	1,000	1,000	ND		255	ND		334	ND		50.7
Benzo(b)fluoranthene	1,000	1,000	ND		255	ND		334	ND		50.7
Benzo(g,h,i)perylene	100,000	100,000	ND		255	ND		334	ND		101
Benzo(k)fluoranthene	800	3,900	ND		255	ND		334	ND		50.7
Benzoic acid			*NA*		-	*NA*		-	ND		138
Benzyl alcohol	NE	NE	ND		255	ND		334	ND		101
Benzyl butyl phthalate	NE	NE	ND		255	ND		334	ND		50.7
Bis(2-chloroethoxy)methane	NE	NE	ND		255	ND		334	ND		50.7
Bis(2-chloroethyl)ether	NE	NE	ND		255	ND		334	ND		50.7
Bis(2-chloroisopropyl)ether	NE	NE	ND		255	ND		334	ND		50.7
Bis(2-ethylhexyl)phthalate	NE	50,000	3,870		510	2,640		334	ND		50.7
Carbazole	NE	NE	*NA*		-	*NA*		-	*NA*		-
Chrysene	1,000	3,900	ND		255	ND		334	ND		50.7
Dibenzo(a,h)anthracene	330	330	ND		255	ND		334	ND		50.7
Dibenzofuran	NE	NE	ND		255	ND		334	ND		50.7
Diethyl phthalate	NE	100,000	ND		255	ND		334	ND		50.7
Dimethyl phthalate	NE	100,000	ND		255	ND		334	ND		50.7
Di-n-butyl phthalate	NE	100,000	ND		255	ND		334	ND		50.7
Di-n-octyl phthalate	NE	100,000	ND		255	884		334	ND		50.7
Fluoranthene	100,000	100,000	ND		255	ND		334	ND		50.7
Fluorene	30,000	100,000	ND		255	ND		334	ND		50.7
Hexachlorobenzene	NE	410	ND		255	ND		334	ND		50.7
Hexachlorobutadiene	NE	NE	ND		255	ND		334	ND		50.7
Hexachlorocyclopentadiene	NE	NE	ND		255	ND		334	ND		101
Hexachloroethane	NE	NE	ND		255	ND		334	ND		50.7
Indeno(1,2,3-cd)pyrene	500	500	ND		255	ND		334	ND		50.7
Isophorone	NE	100,000	ND		255	ND		334	ND		50.7
Naphthalene	12,000	100,000	ND		255	ND		334	ND		50.7
Nitrobenzene	NE	15,000	ND		255	ND		334	ND		50.7
N-Nitrosodimethylamine	NE	NE	ND		255	ND		334	*NA*		-
N-nitroso-di-n-propylamine	NE	NE	ND		255	ND		334	ND		50.7
N-Nitrosodiphenylamine	NE	NE	ND		255	ND		334	ND		50.7
Pentachlorophenol	800	6,700	ND		255	ND		334	ND		101
Phenanthrene	100,000	100,000	ND		255	ND		334	ND		50.7
Phenol	330	100,000	ND		255	ND		334	ND		50.7
Pyrene	100,000	100,000	ND		255	ND		334	ND		50.7
Pyridine	NE	NE	ND	R	255	ND	R	334	*NA*		-
Total TICs	NE	NE	*NA*		-	*NA*		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 5: Soil - SVOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		MW-37 (11-12) (2014-07-30)			MW-Dup-01 (2014-07-30) (MW-37 11-12)			MW-39 (10-11) (2014-09-23)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		54	ND		54	ND	U	177
1,2-Dichlorobenzene	NE	NE	ND		54	ND		54	ND	U	177
1,3-Dichlorobenzene	NE	NE	ND		54	ND		54	ND	U	177
1,4-Dichlorobenzene	NE	NE	ND		54	ND		54	ND	U	177
2,4,5-Trichlorophenol	NE	100,000	ND		54	ND		54	ND	U	177
2,4,6-Trichlorophenol	NE	NE	ND		54	ND		54	ND	U	177
2,4-Dichlorophenol	NE	100,000	ND		108	ND		109	ND	U	177
2,4-Dimethylphenol	NE	NE	ND		54	ND		54	ND	U	177
2,4-Dinitrophenol	NE	100,000	ND		215	ND		216	ND	U	353
2,4-Dinitrotoluene	NE	NE	ND		108	ND		109	381		177
2,6-Dinitrotoluene	NE	1,030	ND		54	ND		54	ND	U	177
2-Chloronaphthalene	NE	NE	ND		54	ND		54	ND	U	177
2-Chlorophenol	NE	100,000	ND		54	ND		54	ND	U	177
2-Methylnaphthalene	NE	410	ND		54	ND		54	ND	U	177
2-Methylphenol	330	100,000	ND		108	ND		109	ND	U	177
2-Nitroaniline	NE	NE	ND		54	ND		54	ND	U	177
2-Nitrophenol	NE	NE	ND		54	ND		54	ND	U	177
3- & 4-Methylphenols	330	100,000	ND		108	ND		109	ND	U	177
3,3'-Dichlorobenzidine	NE	NE	ND		215	ND		216	ND	U	353
3-Nitroaniline	NE	NE	ND		108	ND		109	ND	U	177
4,6-Dinitro-2-methylphenol	NE	NE	ND		108	ND		109	ND	U	177
4-Bromophenyl phenyl ether	NE	NE	ND		54	ND		54	ND	U	177
4-Chloro-3-methylphenol	NE	NE	ND		108	ND		109	ND	U	177
4-Chloroaniline	NE	NE	ND		108	ND		109	ND	U	177
4-Chlorophenyl phenyl ether	NE	NE	ND		54	ND		54	ND	U	177
4-Nitroaniline	NE	NE	ND		108	ND		109	ND	U	177
4-Nitrophenol	NE	NE	ND		108	ND		109	ND	U	177
Acenaphthene	20,000	100,000	ND		54	ND		54	ND	U	177
Acenaphthylene	100,000	100,000	ND		54	ND		54	ND	U	177
Aniline	NE	100,000	*NA*		-	*NA*		-	*NA*		-
Anthracene	100,000	100,000	ND		54	ND		54	ND	U	177
Benzo(a)anthracene	1,000	1,000	ND		54	ND		54	282		177
Benzo(a)pyrene	1,000	1,000	ND		54	ND		54	157	J	177
Benzo(b)fluoranthene	1,000	1,000	ND		54	ND		54	101	J	177
Benzo(g,h,i)perylene	100,000	100,000	ND		108	ND		109	ND	U	177
Benzo(k)fluoranthene	800	3,900	ND		54	ND		54	153	J	177
Benzoic acid			ND		147	ND		148	ND	U	353
Benzyl alcohol	NE	NE	ND		108	ND		109	ND	U	177
Benzyl butyl phthalate	NE	NE	ND		54	ND		54	ND	U	177
Bis(2-chloroethoxy)methane	NE	NE	ND		54	ND		54	ND	U	177
Bis(2-chloroethyl)ether	NE	NE	ND		54	ND		54	ND	U	177
Bis(2-chloroisopropyl)ether	NE	NE	ND		54	ND		54	ND	U	177
Bis(2-ethylhexyl)phthalate	NE	50,000	ND		54	ND		54	101	J	177
Carbazole	NE	NE	*NA*		-	*NA*		-	ND	U	177
Chrysene	1,000	3,900	ND		54	ND		54	271		177
Dibenzo(a,h)anthracene	330	330	ND		54	ND		54	ND	U	177
Dibenzofuran	NE	NE	ND		54	ND		54	ND	U	177
Diethyl phthalate	NE	100,000	ND		54	ND		54	ND	U	177
Dimethyl phthalate	NE	100,000	ND		54	ND		54	ND	U	177
Di-n-butyl phthalate	NE	100,000	ND		54	ND		54	ND	U	177
Di-n-octyl phthalate	NE	100,000	ND		54	ND		54	ND	U	177
Fluoranthene	100,000	100,000	ND		54	ND		54	396		177
Fluorene	30,000	100,000	ND		54	ND		54	ND	U	177
Hexachlorobenzene	NE	410	ND		54	ND		54	ND	U	177
Hexachlorobutadiene	NE	NE	ND		54	ND		54	ND	U	177
Hexachlorocyclopentadiene	NE	NE	ND		108	ND		109	ND	U	177
Hexachloroethane	NE	NE	ND		54	ND		54	ND	U	177
Indeno(1,2,3-cd)pyrene	500	500	ND		54	ND		54	ND	U	177
Isophorone	NE	100,000	ND		54	ND		54	ND	U	177
Naphthalene	12,000	100,000	ND		54	ND		54	ND	U	177
Nitrobenzene	NE	15,000	ND		54	ND		54	ND	U	177
N-Nitrosodimethylamine	NE	NE	*NA*		-	*NA*		-	*NA*		-
N-nitroso-di-n-propylamine	NE	NE	ND		54	ND		54	ND	U	177
N-Nitrosodiphenylamine	NE	NE	ND		54	ND		54	ND	U	177
Pentachlorophenol	800	6,700	ND		108	ND		109	ND	U	177
Phenanthrene	100,000	100,000	ND		54	ND		54	ND	U	177
Phenol	330	100,000	ND		54	ND		54	ND	U	177
Pyrene	100,000	100,000	ND		54	ND		54	471		177
Pyridine	NE	NE	*NA*		-	*NA*		-	*NA*		-
Total TICs	NE	NE	ND		-	ND		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 5: Soil - SVOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		MW-41 (8-10) (2014-12-10)			MW-Dup-02 (2014-12-10) (MW-41 8-10)			MW-42 (8-10) (2014-12-10)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		28	ND		28	ND		28
1,2-Dichlorobenzene	NE	NE	ND		28	ND		28	ND		28
1,3-Dichlorobenzene	NE	NE	ND		28	ND		28	ND		28
1,4-Dichlorobenzene	NE	NE	ND		28	ND		28	ND		28
2,4,5-Trichlorophenol	NE	100,000	ND		28	ND		28	ND		28
2,4,6-Trichlorophenol	NE	NE	ND		28	ND		28	ND		28
2,4-Dichlorophenol	NE	100,000	ND		28	ND		28	ND		28
2,4-Dimethylphenol	NE	NE	ND		28	ND		28	ND		28
2,4-Dinitrophenol	NE	100,000	ND		56	ND		56	ND		57
2,4-Dinitrotoluene	NE	NE	ND		28	ND		28	ND		28
2,6-Dinitrotoluene	NE	1,030	ND		28	ND		28	ND		28
2-Chloronaphthalene	NE	NE	ND		28	ND		28	ND		28
2-Chlorophenol	NE	100,000	ND		28	ND		28	ND		28
2-Methylnaphthalene	NE	410	ND		28	ND		28	ND		28
2-Methylphenol	330	100,000	ND		28	ND		28	ND		28
2-Nitroaniline	NE	NE	ND		56	ND		56	ND		57
2-Nitrophenol	NE	NE	ND		28	ND		28	ND		28
3- & 4-Methylphenols	330	100,000	ND		28	ND		28	ND		28
3,3'-Dichlorobenzidine	NE	NE	ND		28	ND		28	ND		28
3-Nitroaniline	NE	NE	ND		56	ND		56	ND		57
4,6-Dinitro-2-methylphenol	NE	NE	ND		56	ND		56	ND		57
4-Bromophenyl phenyl ether	NE	NE	ND		28	ND		28	ND		28
4-Chloro-3-methylphenol	NE	NE	ND		28	ND		28	ND		28
4-Chloroaniline	NE	NE	ND		28	ND		28	ND		28
4-Chlorophenyl phenyl ether	NE	NE	ND		28	ND		28	ND		28
4-Nitroaniline	NE	NE	ND		56	ND		56	ND		57
4-Nitrophenol	NE	NE	ND		56	ND		56	ND		57
Acenaphthene	20,000	100,000	ND		28	ND		28	ND		28
Acenaphthylene	100,000	100,000	ND		28	ND		28	ND		28
Aniline	NE	100,000	*NA*		-	*NA*		-	*NA*		-
Anthracene	100,000	100,000	ND		28	ND		28	ND		28
Benzo(a)anthracene	1,000	1,000	ND		28	ND		28	ND		28
Benzo(a)pyrene	1,000	1,000	ND		28	ND		28	ND		28
Benzo(b)fluoranthene	1,000	1,000	ND		28	ND		28	ND		28
Benzo(g,h,i)perylene	100,000	100,000	ND		28	ND		28	ND		28
Benzo(k)fluoranthene	800	3,900	ND		28	ND		28	ND		28
Benzoic acid			ND		28	ND		28	ND		28
Benzyl alcohol	NE	NE	ND		28	ND		28	ND		28
Benzyl butyl phthalate	NE	NE	ND		28	ND		28	ND		28
Bis(2-chloroethoxy)methane	NE	NE	ND		28	ND		28	ND		28
Bis(2-chloroethyl)ether	NE	NE	ND		28	ND		28	ND		28
Bis(2-chloroisopropyl)ether	NE	NE	ND		28	ND		28	ND		28
Bis(2-ethylhexyl)phthalate	NE	50,000	ND		28	37.2	J,B	37	ND		28
Carbazole	NE	NE	*NA*		-	*NA*		-	*NA*		-
Chrysene	1,000	3,900	ND		28	ND		28	ND		28
Dibenzo(a,h)anthracene	330	330	ND		28	ND		28	ND		28
Dibenzofuran	NE	NE	ND		28	ND		28	ND		28
Diethyl phthalate	NE	100,000	ND		28	ND		28	ND		28
Dimethyl phthalate	NE	100,000	ND		28	ND		28	ND		28
Di-n-butyl phthalate	NE	100,000	ND		28	ND		28	ND		28
Di-n-octyl phthalate	NE	100,000	ND		28	ND		28	ND		28
Fluoranthene	100,000	100,000	ND		28	ND		28	ND		28
Fluorene	30,000	100,000	ND		28	ND		28	ND		28
Hexachlorobenzene	NE	410	ND		28	ND		28	ND		28
Hexachlorobutadiene	NE	NE	ND		28	ND		28	ND		28
Hexachlorocyclopentadiene	NE	NE	ND		28	ND		28	ND		28
Hexachloroethane	NE	NE	ND		28	ND		28	ND		28
Indeno(1,2,3-cd)pyrene	500	500	ND		28	ND		28	ND		28
Isophorone	NE	100,000	ND		28	ND		28	ND		28
Naphthalene	12,000	100,000	ND		28	ND		28	ND		28
Nitrobenzene	NE	15,000	ND		28	ND		28	ND		28
N-Nitrosodimethylamine	NE	NE	*NA*		-	*NA*		-	*NA*		-
N-nitroso-di-n-propylamine	NE	NE	ND		28	ND		28	ND		28
N-Nitrosodiphenylamine	NE	NE	ND		28	ND		28	ND		28
Pentachlorophenol	800	6,700	ND		28	ND		28	ND		28
Phenanthrene	100,000	100,000	ND		28	ND		28	ND		28
Phenol	330	100,000	ND		28	ND		28	ND		28
Pyrene	100,000	100,000	ND		28	ND		28	ND		28
Pyridine	NE	NE	*NA*		-	*NA*		-	*NA*		-
Total TICs	NE	NE	ND		-	ND		-	188		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 5: Soil - SVOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		SB-60 (2012-02-01)	Note: Sampled from 12-14'		SB-60B (6-8) (2012-02-13)			SB-60B (8-10) (2012-02-13)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
1,2-Dichlorobenzene	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
1,3-Dichlorobenzene	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
1,4-Dichlorobenzene	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
2,4,5-Trichlorophenol	NE	100,000	ND		4,420,000	ND		18,300	ND		17,600
2,4,6-Trichlorophenol	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
2,4-Dichlorophenol	NE	100,000	ND		4,420,000	ND		18,300	ND		17,600
2,4-Dimethylphenol	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
2,4-Dinitrophenol	NE	100,000	ND		8,850,000	ND		36,500	ND		35,100
2,4-Dinitrotoluene	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
2,6-Dinitrotoluene	NE	1,030	ND		4,420,000	ND		18,300	ND		17,600
2-Chloronaphthalene	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
2-Chlorophenol	NE	100,000	ND		4,420,000	ND		18,300	ND		17,600
2-Methylnaphthalene	NE	410	ND		4,420,000	ND		18,300	ND		17,600
2-Methylphenol	330	100,000	ND		4,420,000	ND		18,300	ND		17,600
2-Nitroaniline	NE	NE	ND		4,420,000	ND		18,300	ND		3,510
2-Nitrophenol	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
3- & 4-Methylphenols	330	100,000	ND		4,420,000	ND		18,300	ND		17,600
3,3'-Dichlorobenzidine	NE	NE	ND		8,840,000	ND		18,300	ND		17,600
3-Nitroaniline	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
4,6-Dinitro-2-methylphenol	NE	NE	ND		4,420,000	ND		36,500	ND		35,100
4-Bromophenyl phenyl ether	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
4-Chloro-3-methylphenol	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
4-Chloroaniline	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
4-Chlorophenyl phenyl ether	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
4-Nitroaniline	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
4-Nitrophenol	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
Acenaphthene	20,000	100,000	ND		4,420,000	ND		18,300	ND		17,600
Acenaphthylene	100,000	100,000	ND		4,420,000	ND		18,300	ND		17,600
Aniline	NE	100,000	ND		4,420,000	ND		18,300	ND		17,600
Anthracene	100,000	100,000	ND		4,420,000	ND		18,300	ND		17,600
Benzo(a)anthracene	1,000	1,000	ND		4,420,000	ND		18,300	ND		17,600
Benzo(a)pyrene	1,000	1,000	ND		4,420,000	ND		18,300	ND		17,600
Benzo(b)fluoranthene	1,000	1,000	ND		4,420,000	ND		18,300	ND		17,600
Benzo(g,h,i)perylene	100,000	100,000	ND		4,420,000	ND		18,300	ND		17,600
Benzo(k)fluoranthene	800	3,900	ND		4,420,000	ND		18,300	ND		17,600
Benzoic acid			*NA*		-	*NA*		-	*NA*		-
Benzyl alcohol	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
Benzyl butyl phthalate	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
Bis(2-chloroethoxy)methane	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
Bis(2-chloroethyl)ether	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
Bis(2-chloroisopropyl)ether	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
Bis(2-ethylhexyl)phthalate	NE	50,000	**10,300,000**		4,420,000	46,300		18,300	**228,000**		17,600
Carbazole	NE	NE	*NA*		-	*NA*		-	*NA*		-
Chrysene	1,000	3,900	ND		4,420,000	ND		18,300	ND		17,600
Dibenzo(a,h)anthracene	330	330	ND		4,420,000	ND		18,300	ND		17,600
Dibenzofuran	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
Diethyl phthalate	NE	100,000	ND		4,420,000	ND		18,300	ND		17,600
Dimethyl phthalate	NE	100,000	ND		4,420,000	ND		18,300	ND		17,600
Di-n-butyl phthalate	NE	100,000	ND		4,420,000	ND		18,300	ND		17,600
Di-n-octyl phthalate	NE	100,000	ND		4,420,000	10,300	J	18,300	17,000	J	17,600
Fluoranthene	100,000	100,000	ND		4,420,000	ND		18,300	ND		17,600
Fluorene	30,000	100,000	ND		4,420,000	ND		18,300	ND		17,600
Hexachlorobenzene	NE	410	ND		4,420,000	ND		18,300	ND		17,600
Hexachlorobutadiene	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
Hexachlorocyclopentadiene	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
Hexachloroethane	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
Indeno(1,2,3-cd)pyrene	500	500	ND		4,420,000	ND		18,300	ND		17,600
Isophorone	NE	100,000	ND		4,420,000	ND		18,300	ND		17,600
Naphthalene	12,000	100,000	ND		4,420,000	ND		18,300	ND		17,600
Nitrobenzene	NE	15,000	ND		4,420,000	ND		18,300	ND		17,600
N-Nitrosodimethylamine	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
N-nitroso-di-n-propylamine	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
N-Nitrosodiphenylamine	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
Pentachlorophenol	800	6,700	ND		4,420,000	ND		18,300	ND		17,600
Phenanthrene	100,000	100,000	ND		4,420,000	ND		18,300	ND		17,600
Phenol	330	100,000	ND		4,420,000	ND		18,300	ND		17,600
Pyrene	100,000	100,000	ND		4,420,000	ND		18,300	ND		17,600
Pyridine	NE	NE	ND		4,420,000	ND		18,300	ND		17,600
Total TICs	NE	NE	2,125		-	256		-	351		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 5: Soil - SVOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		SB-60B (10-12) (2012-02-13)			SB-61 (2012-02-01)	Note: Sampled from 12-14'		SB-63 (2012-02-01)	Note: Sampled from 12-14'	
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
1,2-Dichlorobenzene	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
1,3-Dichlorobenzene	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
1,4-Dichlorobenzene	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
2,4,5-Trichlorophenol	NE	100,000	ND		35,000	ND		4,700,000	ND		954,000
2,4,6-Trichlorophenol	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
2,4-Dichlorophenol	NE	100,000	ND		35,000	ND		4,700,000	ND		954,000
2,4-Dimethylphenol	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
2,4-Dinitrophenol	NE	100,000	ND		70,000	ND		9,410,000	ND		1,910,000
2,4-Dinitrotoluene	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
2,6-Dinitrotoluene	NE	1,030	ND		35,000	ND		4,700,000	ND		954,000
2-Chloronaphthalene	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
2-Chlorophenol	NE	100,000	ND		35,000	ND		4,700,000	ND		954,000
2-Methylnaphthalene	NE	410	ND		35,000	ND		4,700,000	ND		954,000
2-Methylphenol	330	100,000	ND		35,000	ND		4,700,000	ND		954,000
2-Nitroaniline	NE	NE	ND		17,500	ND		4,700,000	ND		954,000
2-Nitrophenol	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
3- & 4-Methylphenols	330	100,000	ND		35,000	ND		4,700,000	ND		954,000
3,3'-Dichlorobenzidine	NE	NE	ND		35,000	ND		9,400,000	ND		1,910,000
3-Nitroaniline	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
4,6-Dinitro-2-methylphenol	NE	NE	ND		70,000	ND	R	4,700,000	ND		954,000
4-Bromophenyl phenyl ether	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
4-Chloro-3-methylphenol	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
4-Chloroaniline	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
4-Chlorophenyl phenyl ether	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
4-Nitroaniline	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
4-Nitrophenol	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
Acenaphthene	20,000	100,000	ND		35,000	ND		4,700,000	ND		954,000
Acenaphthylene	100,000	100,000	ND		35,000	ND		4,700,000	ND		954,000
Aniline	NE	100,000	ND		35,000	ND		4,700,000	ND		954,000
Anthracene	100,000	100,000	ND		35,000	ND		4,700,000	ND		954,000
Benzo(a)anthracene	1,000	1,000	ND		35,000	ND		4,700,000	ND		954,000
Benzo(a)pyrene	1,000	1,000	ND		35,000	ND		4,700,000	ND		954,000
Benzo(b)fluoranthene	1,000	1,000	ND		35,000	ND		4,700,000	ND		954,000
Benzo(g,h,i)perylene	100,000	100,000	ND		35,000	ND		4,700,000	ND		954,000
Benzo(k)fluoranthene	800	3,900	ND		35,000	ND		4,700,000	ND		954,000
Benzoic acid			*NA*		-	*NA*		-	*NA*		-
Benzyl alcohol	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
Benzyl butyl phthalate	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
Bis(2-chloroethoxy)methane	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
Bis(2-chloroethyl)ether	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
Bis(2-chloroisopropyl)ether	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
Bis(2-ethylhexyl)phthalate	NE	50,000	**548,000**		35,000	**22,500,000**		4,700,000	**1,310,000**		954,000
Carbazole	NE	NE	*NA*		-	*NA*		-	*NA*		-
Chrysene	1,000	3,900	ND		35,000	ND		4,700,000	ND		954,000
Dibenzo(a,h)anthracene	330	330	ND		35,000	ND		4,700,000	ND		954,000
Dibenzofuran	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
Diethyl phthalate	NE	100,000	ND		35,000	ND		4,700,000	ND		954,000
Dimethyl phthalate	NE	100,000	ND		35,000	ND		4,700,000	ND		954,000
Di-n-butyl phthalate	NE	100,000	ND		35,000	ND		4,700,000	ND		954,000
Di-n-octyl phthalate	NE	100,000	43,000		35,000	ND		4,700,000	ND		954,000
Fluoranthene	100,000	100,000	ND		35,000	ND		4,700,000	ND		954,000
Fluorene	30,000	100,000	ND		35,000	ND		4,700,000	ND		954,000
Hexachlorobenzene	NE	410	ND		35,000	ND		4,700,000	ND		954,000
Hexachlorobutadiene	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
Hexachlorocyclopentadiene	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
Hexachloroethane	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
Indeno(1,2,3-cd)pyrene	500	500	ND		35,000	ND		4,700,000	ND		954,000
Isophorone	NE	100,000	ND		35,000	ND		4,700,000	ND		954,000
Naphthalene	12,000	100,000	ND		35,000	ND		4,700,000	ND		954,000
Nitrobenzene	NE	15,000	ND		35,000	ND		4,700,000	ND		954,000
N-Nitrosodimethylamine	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
N-nitroso-di-n-propylamine	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
N-Nitrosodiphenylamine	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
Pentachlorophenol	800	6,700	ND		35,000	ND		4,700,000	ND		954,000
Phenanthrene	100,000	100,000	ND		35,000	ND		4,700,000	ND		954,000
Phenol	330	100,000	ND		35,000	ND		4,700,000	ND		954,000
Pyrene	100,000	100,000	ND		35,000	ND		4,700,000	ND		954,000
Pyridine	NE	NE	ND		35,000	ND		4,700,000	ND		954,000
Total TICs	NE	NE	560		-	ND		-	954		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 5: Soil - SVOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		SB-63 (14) (2012-02-10)			SB-65 (8-12) (2012-04-19)			SB-66 (12-16) (2012-04-19)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		20,600	ND		188,000	ND		93,000
1,2-Dichlorobenzene	NE	NE	ND		20,600	ND		188,000	ND		93,000
1,3-Dichlorobenzene	NE	NE	ND		20,600	ND		188,000	ND		93,000
1,4-Dichlorobenzene	NE	NE	ND		20,600	ND		188,000	ND		93,000
2,4,5-Trichlorophenol	NE	100,000	ND		20,600	ND		188,000	ND		93,000
2,4,6-Trichlorophenol	NE	NE	ND		20,600	ND		188,000	ND		93,000
2,4-Dichlorophenol	NE	100,000	ND		20,600	ND		188,000	ND		93,000
2,4-Dimethylphenol	NE	NE	ND		20,600	ND		188,000	ND		93,000
2,4-Dinitrophenol	NE	100,000	ND		41,300	ND		376,000	ND		186,000
2,4-Dinitrotoluene	NE	NE	ND		20,600	ND		188,000	ND		93,000
2,6-Dinitrotoluene	NE	1,030	ND		20,600	ND		188,000	ND		93,000
2-Chloronaphthalene	NE	NE	ND		20,600	ND		188,000	ND		93,000
2-Chlorophenol	NE	100,000	ND		20,600	ND		188,000	ND		93,000
2-Methylnaphthalene	NE	410	ND		20,600	ND		188,000	ND		93,000
2-Methylphenol	330	100,000	ND		20,600	ND		188,000	ND		93,000
2-Nitroaniline	NE	NE	ND		20,600	ND		188,000	ND		930
2-Nitrophenol	NE	NE	ND		20,600	ND		188,000	ND		93,000
3- & 4-Methylphenols	330	100,000	ND		20,600	ND		188,000	ND		93,000
3,3'-Dichlorobenzidine	NE	NE	ND		20,600	ND		188,000	ND		93,000
3-Nitroaniline	NE	NE	ND		20,600	ND		188,000	ND		93,000
4,6-Dinitro-2-methylphenol	NE	NE	ND		41,300	ND		376,000	ND		186,000
4-Bromophenyl phenyl ether	NE	NE	ND		20,600	ND		188,000	ND		93,000
4-Chloro-3-methylphenol	NE	NE	ND		20,600	ND		188,000	ND		93,000
4-Chloroaniline	NE	NE	ND		20,600	ND		188,000	ND		93,000
4-Chlorophenyl phenyl ether	NE	NE	ND		20,600	ND		188,000	ND		93,000
4-Nitroaniline	NE	NE	ND		20,600	ND		188,000	ND		93,000
4-Nitrophenol	NE	NE	ND		20,600	ND		188,000	ND		93,000
Acenaphthene	20,000	100,000	ND		20,600	ND		188,000	ND		93,000
Acenaphthylene	100,000	100,000	ND		20,600	ND		188,000	ND		93,000
Aniline	NE	100,000	ND		20,600	ND		188,000	ND		93,000
Anthracene	100,000	100,000	ND		20,600	ND		188,000	ND		93,000
Benzo(a)anthracene	1,000	1,000	ND		20,600	ND		188,000	ND		93,000
Benzo(a)pyrene	1,000	1,000	ND		20,600	ND		188,000	ND		93,000
Benzo(b)fluoranthene	1,000	1,000	ND		20,600	ND		188,000	ND		93,000
Benzo(g,h,i)perylene	100,000	100,000	ND		20,600	ND		188,000	ND		93,000
Benzo(k)fluoranthene	800	3,900	ND		20,600	ND		188,000	ND		93,000
Benzoic acid			*NA*		-	*NA*		-	*NA*		-
Benzyl alcohol	NE	NE	ND		20,600	ND		188,000	ND		93,000
Benzyl butyl phthalate	NE	NE	ND		20,600	ND		188,000	ND		93,000
Bis(2-chloroethoxy)methane	NE	NE	ND		20,600	ND		188,000	ND		93,000
Bis(2-chloroethyl)ether	NE	NE	ND		20,600	ND		188,000	ND		93,000
Bis(2-chloroisopropyl)ether	NE	NE	ND		20,600	ND		188,000	ND		93,000
Bis(2-ethylhexyl)phthalate	NE	50,000	**71,900**		20,600	**49,400,000**	E	1,880,000	**109,000**		93,000
Carbazole	NE	NE	*NA*		-	*NA*		-	*NA*		-
Chrysene	1,000	3,900	ND		20,600	ND		188,000	ND		93,000
Dibenzo(a,h)anthracene	330	330	ND		20,600	ND		188,000	ND		93,000
Dibenzofuran	NE	NE	ND		20,600	ND		188,000	ND		93,000
Diethyl phthalate	NE	100,000	ND		20,600	ND		188,000	ND		93,000
Dimethyl phthalate	NE	100,000	ND		20,600	ND		188,000	ND		93,000
Di-n-butyl phthalate	NE	100,000	ND		20,600	ND		188,000	ND		93,000
Di-n-octyl phthalate	NE	100,000	**104,000**		20,600	**935,000**		188,000	ND		93,000
Fluoranthene	100,000	100,000	ND		20,600	ND		188,000	ND		93,000
Fluorene	30,000	100,000	ND		20,600	ND		188,000	ND		93,000
Hexachlorobenzene	NE	410	ND		20,600	ND		188,000	ND		93,000
Hexachlorobutadiene	NE	NE	ND		20,600	ND		188,000	ND		93,000
Hexachlorocyclopentadiene	NE	NE	ND		20,600	ND		188,000	ND		93,000
Hexachloroethane	NE	NE	ND		20,600	ND		188,000	ND		93,000
Indeno(1,2,3-cd)pyrene	500	500	ND		20,600	ND		188,000	ND		93,000
Isophorone	NE	100,000	ND		20,600	ND		188,000	ND		93,000
Naphthalene	12,000	100,000	ND		20,600	ND		188,000	ND		93,000
Nitrobenzene	NE	15,000	ND		20,600	ND		188,000	ND		93,000
N-Nitrosodimethylamine	NE	NE	ND		20,600	ND		188,000	ND		93,000
N-nitroso-di-n-propylamine	NE	NE	ND		20,600	ND		188,000	ND		93,000
N-Nitrosodiphenylamine	NE	NE	ND		20,600	ND		188,000	ND		93,000
Pentachlorophenol	800	6,700	ND		20,600	ND		188,000	ND		93,000
Phenanthrene	100,000	100,000	ND		20,600	ND		188,000	ND		93,000
Phenol	330	100,000	ND		20,600	ND		188,000	ND		93,000
Pyrene	100,000	100,000	ND		20,600	ND		188,000	ND		93,000
Pyridine	NE	NE	ND		20,600	ND		188,000	ND		93,000
Total TICs	NE	NE	18,629		-	ND		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 5: Soil - SVOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		SB-67 (2012-02-02)	Note: Sampled from 12-14'		SB-68 (2012-01-01)	Note: Sampled from 12-13.5'		SB-69 (2012-02-01)	Note: Sampled from 12-14'	
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
1,2-Dichlorobenzene	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
1,3-Dichlorobenzene	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
1,4-Dichlorobenzene	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
2,4,5-Trichlorophenol	NE	100,000	ND		4,420,000	ND		1,050,000	ND		201
2,4,6-Trichlorophenol	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
2,4-Dichlorophenol	NE	100,000	ND		4,420,000	ND		1,050,000	ND		201
2,4-Dimethylphenol	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
2,4-Dinitrophenol	NE	100,000	ND		8,830,000	ND		2,100,000	ND		402
2,4-Dinitrotoluene	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
2,6-Dinitrotoluene	NE	1,030	ND		4,420,000	ND		1,050,000	ND		201
2-Chloronaphthalene	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
2-Chlorophenol	NE	100,000	ND		4,420,000	ND		1,050,000	ND		201
2-Methylnaphthalene	NE	410	ND		4,420,000	ND		1,050,000	ND		201
2-Methylphenol	330	100,000	ND		4,420,000	ND		1,050,000	ND		201
2-Nitroaniline	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
2-Nitrophenol	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
3- & 4-Methylphenols	330	100,000	ND		4,420,000	ND		1,050,000	ND		201
3,3'-Dichlorobenzidine	NE	NE	ND		8,820,000	ND		2,100,000	ND		402
3-Nitroaniline	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
4,6-Dinitro-2-methylphenol	NE	NE	ND	R	4,420,000	ND		1,050,000	ND	R	201
4-Bromophenyl phenyl ether	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
4-Chloro-3-methylphenol	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
4-Chloroaniline	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
4-Chlorophenyl phenyl ether	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
4-Nitroaniline	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
4-Nitrophenol	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
Acenaphthene	20,000	100,000	ND		4,420,000	ND		1,050,000	ND		201
Acenaphthylene	100,000	100,000	ND		4,420,000	ND		1,050,000	ND		201
Aniline	NE	100,000	ND		4,420,000	ND		1,050,000	ND		201
Anthracene	100,000	100,000	ND		4,420,000	ND		1,050,000	ND		201
Benzo(a)anthracene	1,000	1,000	ND		4,420,000	ND		1,050,000	ND		201
Benzo(a)pyrene	1,000	1,000	ND		4,420,000	ND		1,050,000	ND		201
Benzo(b)fluoranthene	1,000	1,000	ND		4,420,000	ND		1,050,000	ND		201
Benzo(g,h,i)perylene	100,000	100,000	ND		4,420,000	ND		1,050,000	ND		201
Benzo(k)fluoranthene	800	3,900	ND		4,420,000	ND		1,050,000	ND		201
Benzoic acid			*NA*		-	*NA*		-	*NA*		-
Benzyl alcohol	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
Benzyl butyl phthalate	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
Bis(2-chloroethoxy)methane	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
Bis(2-chloroethyl)ether	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
Bis(2-chloroisopropyl)ether	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
Bis(2-ethylhexyl)phthalate	NE	50,000	**18,900,000**		4,420,000	**2,670,000**		1,050,000	132	J	201
Carbazole	NE	NE	*NA*		-	*NA*		-	*NA*		-
Chrysene	1,000	3,900	ND		4,420,000	ND		1,050,000	ND		201
Dibenzo(a,h)anthracene	330	330	ND		4,420,000	ND		1,050,000	ND		201
Dibenzofuran	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
Diethyl phthalate	NE	100,000	ND		4,420,000	ND		1,050,000	ND		201
Dimethyl phthalate	NE	100,000	ND		4,420,000	ND		1,050,000	ND		201
Di-n-butyl phthalate	NE	100,000	ND		4,420,000	ND		1,050,000	ND		201
Di-n-octyl phthalate	NE	100,000	ND		4,420,000	ND		1,050,000	ND		201
Fluoranthene	100,000	100,000	ND		4,420,000	ND		1,050,000	ND		201
Fluorene	30,000	100,000	ND		4,420,000	ND		1,050,000	ND		201
Hexachlorobenzene	NE	410	ND		4,420,000	ND		1,050,000	ND		201
Hexachlorobutadiene	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
Hexachlorocyclopentadiene	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
Hexachloroethane	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
Indeno(1,2,3-cd)pyrene	500	500	ND		4,420,000	ND		1,050,000	ND		201
Isophorone	NE	100,000	ND		4,420,000	ND		1,050,000	ND		201
Naphthalene	12,000	100,000	ND		4,420,000	ND		1,050,000	ND		201
Nitrobenzene	NE	15,000	ND		4,420,000	ND		1,050,000	ND		201
N-Nitrosodimethylamine	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
N-nitroso-di-n-propylamine	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
N-Nitrosodiphenylamine	NE	NE	ND		4,420,000	ND		1,050,000	ND		201
Pentachlorophenol	800	6,700	ND		4,420,000	ND		1,050,000	ND		201
Phenanthrene	100,000	100,000	ND		4,420,000	ND		1,050,000	ND		201
Phenol	330	100,000	ND		4,420,000	ND		1,050,000	ND		201
Pyrene	100,000	100,000	ND		4,420,000	ND		1,050,000	ND		201
Pyridine	NE	NE	ND	R	4,420,000	ND		1,050,000	ND	R	201
Total TICs	NE	NE	ND		-	336		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 5: Soil - SVOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		SB-71 (14) (2012-02-10)			SB-72 (13) (2012-02-16)			SB-72 (9) (2012-02-16)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		937,000	ND		231	ND		4,440,000
1,2-Dichlorobenzene	NE	NE	ND		937,000	ND		231	ND		4,440,000
1,3-Dichlorobenzene	NE	NE	ND		937,000	ND		231	ND		4,440,000
1,4-Dichlorobenzene	NE	NE	ND		937,000	ND		231	ND		4,440,000
2,4,5-Trichlorophenol	NE	100,000	ND		937,000	*NA*		-	*NA*		-
2,4,6-Trichlorophenol	NE	NE	ND		937,000	*NA*		-	*NA*		-
2,4-Dichlorophenol	NE	100,000	ND		937,000	*NA*		-	*NA*		-
2,4-Dimethylphenol	NE	NE	ND		937,000	*NA*		-	*NA*		-
2,4-Dinitrophenol	NE	100,000	ND		1,870,000	*NA*		-	*NA*		-
2,4-Dinitrotoluene	NE	NE	ND		937,000	ND		231	ND		4,440,000
2,6-Dinitrotoluene	NE	1,030	ND		937,000	ND		231	ND		4,440,000
2-Chloronaphthalene	NE	NE	ND		937,000	ND		231	ND		4,440,000
2-Chlorophenol	NE	100,000	ND		937,000	*NA*		-	*NA*		-
2-Methylnaphthalene	NE	410	ND		937,000	ND		231	ND		4,440,000
2-Methylphenol	330	100,000	ND		937,000	*NA*		-	*NA*		-
2-Nitroaniline	NE	NE	ND		18,700	*NA*		-	*NA*		-
2-Nitrophenol	NE	NE	ND		937,000	*NA*		-	*NA*		-
3- & 4-Methylphenols	330	100,000	ND		937,000	*NA*		-	*NA*		-
3,3'-Dichlorobenzidine	NE	NE	ND		937,000	ND		231	ND		4,440,000
3-Nitroaniline	NE	NE	ND		937,000	ND		231	ND		4,440,000
4,6-Dinitro-2-methylphenol	NE	NE	ND		1,870,000	*NA*		-	*NA*		-
4-Bromophenyl phenyl ether	NE	NE	ND		937,000	ND		231	ND		4,440,000
4-Chloro-3-methylphenol	NE	NE	ND		937,000	ND		231	ND		4,440,000
4-Chloroaniline	NE	NE	ND		937,000	ND		231	ND		4,440,000
4-Chlorophenyl phenyl ether	NE	NE	ND		937,000	ND		231	ND		4,440,000
4-Nitroaniline	NE	NE	ND		937,000	ND		231	ND		4,440,000
4-Nitrophenol	NE	NE	ND		937,000	*NA*		-	*NA*		-
Acenaphthene	20,000	100,000	ND		937,000	ND		231	ND		4,440,000
Acenaphthylene	100,000	100,000	ND		937,000	ND		231	ND		4,440,000
Aniline	NE	100,000	ND		937,000	ND		231	ND		4,440,000
Anthracene	100,000	100,000	ND		937,000	ND		231	ND		4,440,000
Benzo(a)anthracene	1,000	1,000	ND		937,000	ND		231	ND		4,440,000
Benzo(a)pyrene	1,000	1,000	ND		937,000	ND		231	ND		4,440,000
Benzo(b)fluoranthene	1,000	1,000	ND		937,000	ND		231	ND		4,440,000
Benzo(g,h,i)perylene	100,000	100,000	ND		937,000	ND		231	ND		4,440,000
Benzo(k)fluoranthene	800	3,900	ND		937,000	ND		231	ND		4,440,000
Benzoic acid			*NA*		-	*NA*		-	*NA*		-
Benzyl alcohol	NE	NE	ND		937,000	*NA*		-	*NA*		-
Benzyl butyl phthalate	NE	NE	ND		937,000	ND		231	ND		4,440,000
Bis(2-chloroethoxy)methane	NE	NE	ND		937,000	ND		231	ND		4,440,000
Bis(2-chloroethyl)ether	NE	NE	ND		937,000	ND		231	ND		4,440,000
Bis(2-chloroisopropyl)ether	NE	NE	ND		937,000	ND		231	ND		4,440,000
Bis(2-ethylhexyl)phthalate	NE	50,000	**13,400,000**		937,000	188	J	231	**43,200,000**		4,440,000
Carbazole	NE	NE	*NA*		-	ND		231	ND		887
Chrysene	1,000	3,900	ND		937,000	ND		231	ND		4,440,000
Dibenzo(a,h)anthracene	330	330	ND		937,000	ND		231	ND		4,440,000
Dibenzofuran	NE	NE	ND		937,000	ND		231	ND		4,440,000
Diethyl phthalate	NE	100,000	ND		937,000	ND		231	ND		4,440,000
Dimethyl phthalate	NE	100,000	ND		937,000	ND		231	ND		4,440,000
Di-n-butyl phthalate	NE	100,000	ND		937,000	ND		231	ND		4,440,000
Di-n-octyl phthalate	NE	100,000	ND		937,000	ND		231	**3,010,000**	J	4,440,000
Fluoranthene	100,000	100,000	ND		937,000	ND		231	ND		4,440,000
Fluorene	30,000	100,000	ND		937,000	ND		231	ND		4,440,000
Hexachlorobenzene	NE	410	ND		937,000	ND		231	ND		4,440,000
Hexachlorobutadiene	NE	NE	ND		937,000	ND		231	ND		4,440,000
Hexachlorocyclopentadiene	NE	NE	ND		937,000	ND		231	ND		4,440,000
Hexachloroethane	NE	NE	ND		937,000	ND		231	ND		4,440,000
Indeno(1,2,3-cd)pyrene	500	500	ND		937,000	ND		231	ND		4,440,000
Isophorone	NE	100,000	ND		937,000	ND		231	ND		4,440,000
Naphthalene	12,000	100,000	ND		937,000	ND		231	ND		4,440,000
Nitrobenzene	NE	15,000	ND		937,000	ND		231	ND		4,440,000
N-Nitrosodimethylamine	NE	NE	ND		937,000	ND		231	ND		4,440,000
N-nitroso-di-n-propylamine	NE	NE	ND		937,000	ND		231	ND		4,440,000
N-Nitrosodiphenylamine	NE	NE	ND		937,000	ND		231	ND		4,440,000
Pentachlorophenol	800	6,700	ND		937,000	*NA*		-	*NA*		-
Phenanthrene	100,000	100,000	ND		937,000	ND		231	ND		4,440,000
Phenol	330	100,000	ND		937,000	*NA*		-	*NA*		-
Pyrene	100,000	100,000	ND		937,000	ND		231	ND		4,440,000
Pyridine	NE	NE	ND		937,000	ND		231	ND		4,440,000
Total TICs	NE	NE	187		-	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 5: Soil - SVOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		SB-73 (13.5) (2012-02-16)			SB-74 (13) (2012-02-16)			SB-77A (Spill Site) (2012-02-01)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		92,800	ND		222	ND		4,020
1,2-Dichlorobenzene	NE	NE	ND		92,800	ND		222	ND		4,020
1,3-Dichlorobenzene	NE	NE	ND		92,800	ND		222	ND		4,020
1,4-Dichlorobenzene	NE	NE	ND		92,800	ND		222	ND		4,020
2,4,5-Trichlorophenol	NE	100,000	*NA*		-	*NA*		-	ND		4,020
2,4,6-Trichlorophenol	NE	NE	*NA*		-	*NA*		-	ND		4,020
2,4-Dichlorophenol	NE	100,000	*NA*		-	*NA*		-	ND		4,020
2,4-Dimethylphenol	NE	NE	*NA*		-	*NA*		-	ND		4,020
2,4-Dinitrophenol	NE	100,000	*NA*		-	*NA*		-	ND		8,040
2,4-Dinitrotoluene	NE	NE	ND		92,800	ND		222	ND		4,020
2,6-Dinitrotoluene	NE	1,030	ND		92,800	ND		222	ND		4,020
2-Chloronaphthalene	NE	NE	ND		92,800	ND		222	ND		4,020
2-Chlorophenol	NE	100,000	*NA*		-	*NA*		-	ND		4,020
2-Methylnaphthalene	NE	410	ND		92,800	ND		222	ND		4,020
2-Methylphenol	330	100,000	*NA*		-	*NA*		-	ND		4,020
2-Nitroaniline	NE	NE	*NA*		-	*NA*		-	ND		4,020
2-Nitrophenol	NE	NE	*NA*		-	*NA*		-	ND		4,020
3- & 4-Methylphenols	330	100,000	*NA*		-	*NA*		-	ND		4,020
3,3'-Dichlorobenzidine	NE	NE	ND		92,800	ND		222	ND		8,040
3-Nitroaniline	NE	NE	ND		92,800	ND		222	ND		4,020
4,6-Dinitro-2-methylphenol	NE	NE	*NA*		-	*NA*		-	ND		4,020
4-Bromophenyl phenyl ether	NE	NE	ND		92,800	ND		222	ND		4,020
4-Chloro-3-methylphenol	NE	NE	ND		92,800	ND		222	ND		4,020
4-Chloroaniline	NE	NE	ND		92,800	ND		222	ND		4,020
4-Chlorophenyl phenyl ether	NE	NE	ND		92,800	ND		222	ND		4,020
4-Nitroaniline	NE	NE	ND		92,800	ND		222	ND		4,020
4-Nitrophenol	NE	NE	*NA*		-	*NA*		-	ND		4,020
Acenaphthene	20,000	100,000	ND		92,800	ND		222	ND		4,020
Acenaphthylene	100,000	100,000	ND		92,800	ND		222	ND		4,020
Aniline	NE	100,000	ND		92,800	ND		222	ND		4,020
Anthracene	100,000	100,000	ND		92,800	ND		222	ND		4,020
Benzo(a)anthracene	1,000	1,000	ND		92,800	ND		222	ND		4,020
Benzo(a)pyrene	1,000	1,000	ND		92,800	ND		222	ND		4,020
Benzo(b)fluoranthene	1,000	1,000	ND		92,800	ND		222	ND		4,020
Benzo(g,h,i)perylene	100,000	100,000	ND		92,800	ND		222	ND		4,020
Benzo(k)fluoranthene	800	3,900	ND		92,800	ND		222	ND		4,020
Benzoic acid			*NA*		-	*NA*		-	*NA*		-
Benzyl alcohol	NE	NE	*NA*		-	*NA*		-	ND		4,020
Benzyl butyl phthalate	NE	NE	ND		92,800	ND		222	ND		4,020
Bis(2-chloroethoxy)methane	NE	NE	ND		92,800	ND		222	ND		4,020
Bis(2-chloroethyl)ether	NE	NE	ND		92,800	ND		222	ND		4,020
Bis(2-chloroisopropyl)ether	NE	NE	ND		92,800	ND		222	ND		4,020
Bis(2-ethylhexyl)phthalate	NE	50,000	**6,770,000**		928,000	458		222	ND		4,020
Carbazole	NE	NE	ND		928	ND		222	*NA*		-
Chrysene	1,000	3,900	ND		92,800	ND		222	ND		4,020
Dibenzo(a,h)anthracene	330	330	ND		92,800	ND		222	ND		4,020
Dibenzofuran	NE	NE	ND		92,800	ND		222	ND		4,020
Diethyl phthalate	NE	100,000	ND		92,800	ND		222	ND		4,020
Dimethyl phthalate	NE	100,000	ND		92,800	ND		222	ND		4,020
Di-n-butyl phthalate	NE	100,000	ND		92,800	ND		222	ND		4,020
Di-n-octyl phthalate	NE	100,000	ND		92,800	ND		222	ND		4,020
Fluoranthene	100,000	100,000	ND		92,800	ND		222	ND		4,020
Fluorene	30,000	100,000	ND		92,800	ND		222	ND		4,020
Hexachlorobenzene	NE	410	ND		92,800	ND		222	ND		4,020
Hexachlorobutadiene	NE	NE	ND		92,800	ND		222	ND		4,020
Hexachlorocyclopentadiene	NE	NE	ND		92,800	ND		222	ND		4,020
Hexachloroethane	NE	NE	ND		92,800	ND		222	ND		4,020
Indeno(1,2,3-cd)pyrene	500	500	ND		92,800	ND		222	ND		4,020
Isophorone	NE	100,000	ND		92,800	ND		222	ND		4,020
Naphthalene	12,000	100,000	ND		92,800	ND		222	ND		4,020
Nitrobenzene	NE	15,000	ND		92,800	ND		222	ND		4,020
N-Nitrosodimethylamine	NE	NE	ND		92,800	ND		222	ND		4,020
N-nitroso-di-n-propylamine	NE	NE	ND		92,800	ND		222	ND		4,020
N-Nitrosodiphenylamine	NE	NE	ND		92,800	ND		222	ND		4,020
Pentachlorophenol	800	6,700	*NA*		-	*NA*		-	ND		4,020
Phenanthrene	100,000	100,000	ND		92,800	ND		222	ND		4,020
Phenol	330	100,000	*NA*		-	*NA*		-	ND		4,020
Pyrene	100,000	100,000	ND		92,800	ND		222	ND		4,020
Pyridine	NE	NE	ND		92,800	ND		222	ND		4,020
Total TICs	NE	NE	*NA*		-	*NA*		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 5: Soil - SVOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		SB-78A (Spill Site) (2012-02-01)			2SB-1 (15-20) (2013-08-01)			2SB-11 (10-15) (2013-08-01)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		221	ND		288	ND		328
1,2-Dichlorobenzene	NE	NE	ND		221	ND		288	ND		328
1,3-Dichlorobenzene	NE	NE	ND		221	ND		288	ND		328
1,4-Dichlorobenzene	NE	NE	ND		221	ND		288	ND		328
2,4,5-Trichlorophenol	NE	100,000	ND		221	ND		288	ND		328
2,4,6-Trichlorophenol	NE	NE	ND		221	ND		288	ND		328
2,4-Dichlorophenol	NE	100,000	ND		221	ND		288	ND		328
2,4-Dimethylphenol	NE	NE	ND		221	ND		288	ND		328
2,4-Dinitrophenol	NE	100,000	ND		443	ND		577	ND	R	655
2,4-Dinitrotoluene	NE	NE	ND		221	ND		288	ND		328
2,6-Dinitrotoluene	NE	1,030	ND		221	ND		288	ND		328
2-Chloronaphthalene	NE	NE	ND		221	ND		288	ND		328
2-Chlorophenol	NE	100,000	ND		221	ND		288	ND		328
2-Methylnaphthalene	NE	410	ND		221	ND		288	ND		328
2-Methylphenol	330	100,000	ND		221	ND		288	ND		328
2-Nitroaniline	NE	NE	ND		221	ND		288	ND		328
2-Nitrophenol	NE	NE	ND		221	ND		288	ND		328
3- & 4-Methylphenols	330	100,000	ND		221	ND		288	ND		328
3,3'-Dichlorobenzidine	NE	NE	ND		442	ND		288	ND		328
3-Nitroaniline	NE	NE	ND		221	ND		288	ND		328
4,6-Dinitro-2-methylphenol	NE	NE	ND		221	ND		577	ND		655
4-Bromophenyl phenyl ether	NE	NE	ND		221	ND		288	ND		328
4-Chloro-3-methylphenol	NE	NE	ND		221	ND		288	ND		328
4-Chloroaniline	NE	NE	ND		221	ND		288	ND		328
4-Chlorophenyl phenyl ether	NE	NE	ND		221	ND		288	ND		328
4-Nitroaniline	NE	NE	ND		221	ND		288	ND		328
4-Nitrophenol	NE	NE	ND		221	ND		288	ND		328
Acenaphthene	20,000	100,000	ND		221	ND		288	ND		328
Acenaphthylene	100,000	100,000	ND		221	ND		288	ND		328
Aniline	NE	100,000	ND		221	ND		288	ND		328
Anthracene	100,000	100,000	ND		221	ND		288	ND		328
Benzo(a)anthracene	1,000	1,000	ND		221	ND		288	ND		328
Benzo(a)pyrene	1,000	1,000	ND		221	ND		288	ND		328
Benzo(b)fluoranthene	1,000	1,000	ND		221	ND		288	ND		328
Benzo(g,h,i)perylene	100,000	100,000	ND		221	ND		288	ND		328
Benzo(k)fluoranthene	800	3,900	ND		221	ND		288	ND		328
Benzoic acid			*NA*		-	*NA*		-	*NA*		-
Benzyl alcohol	NE	NE	ND		221	ND		288	ND		328
Benzyl butyl phthalate	NE	NE	ND		221	ND		288	ND		328
Bis(2-chloroethoxy)methane	NE	NE	ND		221	ND		288	ND		328
Bis(2-chloroethyl)ether	NE	NE	ND		221	ND		288	ND		328
Bis(2-chloroisopropyl)ether	NE	NE	ND		221	ND		288	ND		328
Bis(2-ethylhexyl)phthalate	NE	50,000	233		221	ND		288	ND		328
Carbazole	NE	NE	*NA*		-	*NA*		-	*NA*		-
Chrysene	1,000	3,900	ND		221	ND		288	ND		328
Dibenzo(a,h)anthracene	330	330	ND		221	ND		288	ND		328
Dibenzofuran	NE	NE	ND		221	ND		288	ND		328
Diethyl phthalate	NE	100,000	ND		221	ND		288	ND		328
Dimethyl phthalate	NE	100,000	ND		221	ND		288	ND		328
Di-n-butyl phthalate	NE	100,000	ND		221	ND		288	ND		328
Di-n-octyl phthalate	NE	100,000	ND		221	ND		288	ND		328
Fluoranthene	100,000	100,000	ND		221	ND		288	ND		328
Fluorene	30,000	100,000	ND		221	ND		288	ND		328
Hexachlorobenzene	NE	410	ND		221	ND		288	ND		328
Hexachlorobutadiene	NE	NE	ND		221	ND		288	ND		328
Hexachlorocyclopentadiene	NE	NE	ND		221	ND	R	288	ND		328
Hexachloroethane	NE	NE	ND		221	ND		288	ND		328
Indeno(1,2,3-cd)pyrene	500	500	ND		221	ND		288	ND		328
Isophorone	NE	100,000	149	J	221	ND		288	ND		328
Naphthalene	12,000	100,000	ND		221	ND		288	ND		328
Nitrobenzene	NE	15,000	ND		221	ND		288	ND		328
N-Nitrosodimethylamine	NE	NE	ND		221	ND		288	ND		328
N-nitroso-di-n-propylamine	NE	NE	ND		221	ND		288	ND		328
N-Nitrosodiphenylamine	NE	NE	ND		221	ND		288	ND		328
Pentachlorophenol	800	6,700	ND		221	ND		288	ND		328
Phenanthrene	100,000	100,000	ND		221	ND		288	ND		328
Phenol	330	100,000	ND		221	ND		288	ND		328
Pyrene	100,000	100,000	ND		221	ND		288	ND		328
Pyridine	NE	NE	ND		221	ND		288	ND	R	328
Total TICs	NE	NE	442		-	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 5: Soil - SVOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		2SB-2 (0-5)			2SB-2 (10-15) (2013-08-01)			2SB-3 (10-15) (2013-08-01)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		268	ND		305	ND		308
1,2-Dichlorobenzene	NE	NE	ND		268	ND		305	ND		308
1,3-Dichlorobenzene	NE	NE	ND		268	ND		305	ND		308
1,4-Dichlorobenzene	NE	NE	ND		268	ND		305	ND		308
2,4,5-Trichlorophenol	NE	100,000	ND		268	ND		305	ND		308
2,4,6-Trichlorophenol	NE	NE	ND		268	ND		305	ND		308
2,4-Dichlorophenol	NE	100,000	ND		268	ND		305	ND		308
2,4-Dimethylphenol	NE	NE	ND		268	ND		305	ND		308
2,4-Dinitrophenol	NE	100,000	ND	R	536	ND	R	611	ND	R	616
2,4-Dinitrotoluene	NE	NE	ND		268	ND		305	ND		308
2,6-Dinitrotoluene	NE	1,030	ND		268	ND		305	ND		308
2-Chloronaphthalene	NE	NE	ND		268	ND		305	ND		308
2-Chlorophenol	NE	100,000	ND		268	ND		305	ND		308
2-Methylnaphthalene	NE	410	ND		268	ND		305	ND		308
2-Methylphenol	330	100,000	ND		268	ND		305	ND		308
2-Nitroaniline	NE	NE	ND		268	ND		305	ND		308
2-Nitrophenol	NE	NE	ND		268	ND		305	ND		308
3- & 4-Methylphenols	330	100,000	ND		268	ND		305	ND		308
3,3'-Dichlorobenzidine	NE	NE	ND		268	ND		305	ND		308
3-Nitroaniline	NE	NE	ND		268	ND		305	ND		308
4,6-Dinitro-2-methylphenol	NE	NE	ND		536	ND		611	ND		616
4-Bromophenyl phenyl ether	NE	NE	ND		268	ND		305	ND		308
4-Chloro-3-methylphenol	NE	NE	ND		268	ND		305	ND		308
4-Chloroaniline	NE	NE	ND		268	ND		305	ND		308
4-Chlorophenyl phenyl ether	NE	NE	ND		268	ND		305	ND		308
4-Nitroaniline	NE	NE	ND		268	ND		305	ND		308
4-Nitrophenol	NE	NE	ND		268	ND		305	ND		308
Acenaphthene	20,000	100,000	ND		268	ND		305	ND		308
Acenaphthylene	100,000	100,000	ND		268	ND		305	ND		308
Aniline	NE	100,000	ND		268	ND		305	ND		308
Anthracene	100,000	100,000	ND		268	ND		305	ND		308
Benzo(a)anthracene	1,000	1,000	398		268	ND		305	ND		308
Benzo(a)pyrene	1,000	1,000	518		268	ND		305	ND		308
Benzo(b)fluoranthene	1,000	1,000	503		268	ND		305	ND		308
Benzo(g,h,i)perylene	100,000	100,000	399		268	ND		305	ND		308
Benzo(k)fluoranthene	800	3,900	359		268	ND		305	ND		308
Benzoic acid			*NA*		-	*NA*		-	*NA*		-
Benzyl alcohol	NE	NE	ND		268	ND		305	ND		308
Benzyl butyl phthalate	NE	NE	ND		268	ND		305	ND		308
Bis(2-chloroethoxy)methane	NE	NE	ND		268	ND		305	ND		308
Bis(2-chloroethyl)ether	NE	NE	ND		268	ND		305	ND		308
Bis(2-chloroisopropyl)ether	NE	NE	ND		268	ND		305	ND		308
Bis(2-ethylhexyl)phthalate	NE	50,000	ND		268	ND		305	ND		308
Carbazole	NE	NE	*NA*		-	*NA*		-	*NA*		-
Chrysene	1,000	3,900	385		268	ND		305	ND		308
Dibenzo(a,h)anthracene	330	330	ND		268	ND		305	ND		308
Dibenzofuran	NE	NE	ND		268	ND		305	ND		308
Diethyl phthalate	NE	100,000	ND		268	ND		305	ND		308
Dimethyl phthalate	NE	100,000	ND		268	ND		305	ND		308
Di-n-butyl phthalate	NE	100,000	698		268	ND		305	ND		308
Di-n-octyl phthalate	NE	100,000	ND		268	ND		305	ND		308
Fluoranthene	100,000	100,000	589		268	ND		305	ND		308
Fluorene	30,000	100,000	ND		268	ND		305	ND		308
Hexachlorobenzene	NE	410	ND		268	ND		305	ND		308
Hexachlorobutadiene	NE	NE	ND		268	ND		305	ND		308
Hexachlorocyclopentadiene	NE	NE	ND		268	ND		305	ND		308
Hexachloroethane	NE	NE	ND		268	ND		305	ND		308
Indeno(1,2,3-cd)pyrene	500	500	354		268	ND		305	ND		308
Isophorone	NE	100,000	ND		268	ND		305	ND		308
Naphthalene	12,000	100,000	ND		268	ND		305	ND		308
Nitrobenzene	NE	15,000	ND		268	ND		305	ND		308
N-Nitrosodimethylamine	NE	NE	ND		268	ND		305	ND		308
N-nitroso-di-n-propylamine	NE	NE	ND		268	ND		305	ND		308
N-Nitrosodiphenylamine	NE	NE	ND		268	ND		305	ND		308
Pentachlorophenol	800	6,700	ND		268	ND		305	ND		308
Phenanthrene	100,000	100,000	424		268	ND		305	ND		308
Phenol	330	100,000	ND		268	ND		305	ND		308
Pyrene	100,000	100,000	625		268	ND		305	ND		308
Pyridine	NE	NE	ND	R	268	ND	R	305	ND	R	308
Total TICs	NE	NE	*NA*		-	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 5: Soil - SVOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		2SB-4 (0-5) (2013-08-01)			2SB-4 (10-15) (2013-08-01)			2SB-5 (10-15) (2013-08-01)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		263	ND		386	ND		313
1,2-Dichlorobenzene	NE	NE	ND		263	ND		386	ND		313
1,3-Dichlorobenzene	NE	NE	ND		263	ND		386	ND		313
1,4-Dichlorobenzene	NE	NE	ND		263	ND		386	ND		313
2,4,5-Trichlorophenol	NE	100,000	ND		263	ND		386	ND		313
2,4,6-Trichlorophenol	NE	NE	ND		263	ND		386	ND		313
2,4-Dichlorophenol	NE	100,000	ND		263	ND		386	ND		313
2,4-Dimethylphenol	NE	NE	ND		263	ND		386	ND		313
2,4-Dinitrophenol	NE	100,000	ND	R	526	ND	R	773	ND	R	626
2,4-Dinitrotoluene	NE	NE	ND		263	ND		386	ND		313
2,6-Dinitrotoluene	NE	1,030	ND		263	ND		386	ND		313
2-Chloronaphthalene	NE	NE	ND		263	ND		386	ND		313
2-Chlorophenol	NE	100,000	ND		263	ND		386	ND		313
2-Methylnaphthalene	NE	410	ND		263	ND		386	ND		313
2-Methylphenol	330	100,000	ND		263	ND		386	ND		313
2-Nitroaniline	NE	NE	ND		263	ND		386	ND		313
2-Nitrophenol	NE	NE	ND		263	ND		386	ND		313
3- & 4-Methylphenols	330	100,000	ND		263	ND		386	ND		313
3,3'-Dichlorobenzidine	NE	NE	ND		263	ND		386	ND		313
3-Nitroaniline	NE	NE	ND		263	ND		386	ND		313
4,6-Dinitro-2-methylphenol	NE	NE	ND		526	ND		773	ND		626
4-Bromophenyl phenyl ether	NE	NE	ND		263	ND		386	ND		313
4-Chloro-3-methylphenol	NE	NE	ND		263	ND		386	ND		313
4-Chloroaniline	NE	NE	ND		263	ND		386	ND		313
4-Chlorophenyl phenyl ether	NE	NE	ND		263	ND		386	ND		313
4-Nitroaniline	NE	NE	ND		263	ND		386	ND		313
4-Nitrophenol	NE	NE	ND		263	ND		386	ND		313
Acenaphthene	20,000	100,000	ND		263	ND		386	ND		313
Acenaphthylene	100,000	100,000	ND		263	ND		386	ND		313
Aniline	NE	100,000	ND		263	ND		386	ND		313
Anthracene	100,000	100,000	ND		263	ND		386	ND		313
Benzo(a)anthracene	1,000	1,000	153	J	263	ND		386	ND		313
Benzo(a)pyrene	1,000	1,000	165	J	263	ND		386	ND		313
Benzo(b)fluoranthene	1,000	1,000	ND		263	ND		386	ND		313
Benzo(g,h,i)perylene	100,000	100,000	127	J	263	ND		386	ND		313
Benzo(k)fluoranthene	800	3,900	ND		263	ND		386	ND		313
Benzoic acid			*NA*		-	*NA*		-	*NA*		-
Benzyl alcohol	NE	NE	ND		263	ND		386	ND		313
Benzyl butyl phthalate	NE	NE	ND		263	ND		386	ND		313
Bis(2-chloroethoxy)methane	NE	NE	ND		263	ND		386	ND		313
Bis(2-chloroethyl)ether	NE	NE	ND		263	ND		386	ND		313
Bis(2-chloroisopropyl)ether	NE	NE	ND		263	ND		386	ND		313
Bis(2-ethylhexyl)phthalate	NE	50,000	1,440		263	ND		386	ND		313
Carbazole	NE	NE	*NA*		-	*NA*		-	*NA*		-
Chrysene	1,000	3,900	153	J	263	ND		386	ND		313
Dibenzo(a,h)anthracene	330	330	ND		263	ND		386	ND		313
Dibenzofuran	NE	NE	ND		263	ND		386	ND		313
Diethyl phthalate	NE	100,000	ND		263	ND		386	ND		313
Dimethyl phthalate	NE	100,000	259	J	263	ND		386	ND		313
Di-n-butyl phthalate	NE	100,000	ND		263	ND		386	ND		313
Di-n-octyl phthalate	NE	100,000	ND		263	ND		386	ND		313
Fluoranthene	100,000	100,000	188	J	263	ND		386	ND		313
Fluorene	30,000	100,000	ND		263	ND		386	ND		313
Hexachlorobenzene	NE	410	ND		263	ND		386	ND		313
Hexachlorobutadiene	NE	NE	ND		263	ND		386	ND		313
Hexachlorocyclopentadiene	NE	NE	ND		263	ND		386	ND		313
Hexachloroethane	NE	NE	ND		263	ND		386	ND		313
Indeno(1,2,3-cd)pyrene	500	500	ND		263	ND		386	ND		313
Isophorone	NE	100,000	ND		263	ND		386	ND		313
Naphthalene	12,000	100,000	ND		263	ND		386	ND		313
Nitrobenzene	NE	15,000	ND		263	ND		386	ND		313
N-Nitrosodimethylamine	NE	NE	ND		263	ND		386	ND		313
N-nitroso-di-n-propylamine	NE	NE	ND		263	ND		386	ND		313
N-Nitrosodiphenylamine	NE	NE	ND		263	ND		386	ND		313
Pentachlorophenol	800	6,700	ND		263	ND		386	ND		313
Phenanthrene	100,000	100,000	ND		263	ND		386	ND		313
Phenol	330	100,000	ND		263	ND		386	ND		313
Pyrene	100,000	100,000	211	J	263	ND		386	ND		313
Pyridine	NE	NE	ND	R	263	ND	R	386	ND	R	313
Total TICs	NE	NE	*NA*		-	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 5: Soil - SVOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		2SB-5A (2013-08-01)			2SB-6 (10-15) (2013-08-01)			2SB-7 (10-15) (2013-08-01)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		301	ND		342	ND		309
1,2-Dichlorobenzene	NE	NE	ND		301	ND		342	ND		309
1,3-Dichlorobenzene	NE	NE	ND		301	ND		342	ND		309
1,4-Dichlorobenzene	NE	NE	ND		301	ND		342	ND		309
2,4,5-Trichlorophenol	NE	100,000	ND		301	ND		342	ND		309
2,4,6-Trichlorophenol	NE	NE	ND		301	ND		342	ND		309
2,4-Dichlorophenol	NE	100,000	ND		301	ND		342	ND		309
2,4-Dimethylphenol	NE	NE	ND		301	ND		342	ND		309
2,4-Dinitrophenol	NE	100,000	ND	R	602	ND	R	684	ND	R	617
2,4-Dinitrotoluene	NE	NE	ND		301	ND		342	ND		309
2,6-Dinitrotoluene	NE	1,030	ND		301	ND		342	ND		309
2-Chloronaphthalene	NE	NE	ND		301	ND		342	ND		309
2-Chlorophenol	NE	100,000	ND		301	ND		342	ND		309
2-Methylnaphthalene	NE	410	ND		301	ND		342	ND		309
2-Methylphenol	330	100,000	ND		301	ND		342	ND		309
2-Nitroaniline	NE	NE	ND		301	ND		342	ND		309
2-Nitrophenol	NE	NE	ND		301	ND		342	ND		309
3- & 4-Methylphenols	330	100,000	ND		301	ND		342	ND		309
3,3'-Dichlorobenzidine	NE	NE	ND		301	ND		342	ND		309
3-Nitroaniline	NE	NE	ND		301	ND		342	ND		309
4,6-Dinitro-2-methylphenol	NE	NE	ND		602	ND		684	ND		617
4-Bromophenyl phenyl ether	NE	NE	ND		301	ND		342	ND		309
4-Chloro-3-methylphenol	NE	NE	ND		301	ND		342	ND		309
4-Chloroaniline	NE	NE	ND		301	ND		342	ND		309
4-Chlorophenyl phenyl ether	NE	NE	ND		301	ND		342	ND		309
4-Nitroaniline	NE	NE	ND		301	ND		342	ND		309
4-Nitrophenol	NE	NE	ND		301	ND		342	ND		309
Acenaphthene	20,000	100,000	ND		301	ND		342	ND		309
Acenaphthylene	100,000	100,000	ND		301	ND		342	ND		309
Aniline	NE	100,000	ND		301	ND		342	ND		309
Anthracene	100,000	100,000	ND		301	ND		342	ND		309
Benzo(a)anthracene	1,000	1,000	ND		301	ND		342	ND		309
Benzo(a)pyrene	1,000	1,000	ND		301	ND		342	ND		309
Benzo(b)fluoranthene	1,000	1,000	ND		301	ND		342	ND		309
Benzo(g,h,i)perylene	100,000	100,000	ND		301	ND		342	ND		309
Benzo(k)fluoranthene	800	3,900	ND		301	ND		342	ND		309
Benzoic acid			*NA*		-	*NA*		-	*NA*		-
Benzyl alcohol	NE	NE	ND		301	ND		342	ND		309
Benzyl butyl phthalate	NE	NE	ND		301	ND		342	ND		309
Bis(2-chloroethoxy)methane	NE	NE	ND		301	ND		342	ND		309
Bis(2-chloroethyl)ether	NE	NE	ND		301	ND		342	ND		309
Bis(2-chloroisopropyl)ether	NE	NE	ND		301	ND		342	ND		309
Bis(2-ethylhexyl)phthalate	NE	50,000	ND		301	ND		342	ND		309
Carbazole	NE	NE	*NA*		-	*NA*		-	*NA*		-
Chrysene	1,000	3,900	ND		301	ND		342	ND		309
Dibenzo(a,h)anthracene	330	330	ND		301	ND		342	ND		309
Dibenzofuran	NE	NE	ND		301	ND		342	ND		309
Diethyl phthalate	NE	100,000	ND		301	ND		342	ND		309
Dimethyl phthalate	NE	100,000	ND		301	ND		342	ND		309
Di-n-butyl phthalate	NE	100,000	ND		301	ND		342	ND		309
Di-n-octyl phthalate	NE	100,000	ND		301	ND		342	ND		309
Fluoranthene	100,000	100,000	ND		301	ND		342	ND		309
Fluorene	30,000	100,000	ND		301	ND		342	ND		309
Hexachlorobenzene	NE	410	ND		301	ND		342	ND		309
Hexachlorobutadiene	NE	NE	ND		301	ND		342	ND		309
Hexachlorocyclopentadiene	NE	NE	ND		301	ND		342	ND		309
Hexachloroethane	NE	NE	ND		301	ND		342	ND		309
Indeno(1,2,3-cd)pyrene	500	500	ND		301	ND		342	ND		309
Isophorone	NE	100,000	ND		301	ND		342	ND		309
Naphthalene	12,000	100,000	ND		301	ND		342	ND		309
Nitrobenzene	NE	15,000	ND		301	ND		342	ND		309
N-Nitrosodimethylamine	NE	NE	ND		301	ND		342	ND		309
N-nitroso-di-n-propylamine	NE	NE	ND		301	ND		342	ND		309
N-Nitrosodiphenylamine	NE	NE	ND		301	ND		342	ND		309
Pentachlorophenol	800	6,700	ND		301	ND		342	ND		309
Phenanthrene	100,000	100,000	ND		301	ND		342	ND		309
Phenol	330	100,000	ND		301	ND		342	ND		309
Pyrene	100,000	100,000	ND		301	ND		342	ND		309
Pyridine	NE	NE	ND	R	301	ND	R	342	ND	R	309
Total TICs	NE	NE	*NA*		-	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 5: Soil - SVOCs

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		2SB-8 (10-15) (2013-08-01)		
	Unrestricted	Restricted-Residential	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		307
1,2-Dichlorobenzene	NE	NE	ND		307
1,3-Dichlorobenzene	NE	NE	ND		307
1,4-Dichlorobenzene	NE	NE	ND		307
2,4,5-Trichlorophenol	NE	100,000	ND		307
2,4,6-Trichlorophenol	NE	NE	ND		307
2,4-Dichlorophenol	NE	100,000	ND		307
2,4-Dimethylphenol	NE	NE	ND		307
2,4-Dinitrophenol	NE	100,000	ND	R	615
2,4-Dinitrotoluene	NE	NE	ND		307
2,6-Dinitrotoluene	NE	1,030	ND		307
2-Chloronaphthalene	NE	NE	ND		307
2-Chlorophenol	NE	100,000	ND		307
2-Methylnaphthalene	NE	410	ND		307
2-Methylphenol	330	100,000	ND		307
2-Nitroaniline	NE	NE	ND		307
2-Nitrophenol	NE	NE	ND		307
3- & 4-Methylphenols	330	100,000	ND		307
3,3'-Dichlorobenzidine	NE	NE	ND		307
3-Nitroaniline	NE	NE	ND		307
4,6-Dinitro-2-methylphenol	NE	NE	ND		615
4-Bromophenyl phenyl ether	NE	NE	ND		307
4-Chloro-3-methylphenol	NE	NE	ND		307
4-Chloroaniline	NE	NE	ND		307
4-Chlorophenyl phenyl ether	NE	NE	ND		307
4-Nitroaniline	NE	NE	ND		307
4-Nitrophenol	NE	NE	ND		307
Acenaphthene	20,000	100,000	ND		307
Acenaphthylene	100,000	100,000	ND		307
Aniline	NE	100,000	ND		307
Anthracene	100,000	100,000	ND		307
Benzo(a)anthracene	1,000	1,000	ND		307
Benzo(a)pyrene	1,000	1,000	ND		307
Benzo(b)fluoranthene	1,000	1,000	ND		307
Benzo(g,h,i)perylene	100,000	100,000	ND		307
Benzo(k)fluoranthene	800	3,900	ND		307
Benzoic acid			*NA*		-
Benzyl alcohol	NE	NE	ND		307
Benzyl butyl phthalate	NE	NE	ND		307
Bis(2-chloroethoxy)methane	NE	NE	ND		307
Bis(2-chloroethyl)ether	NE	NE	ND		307
Bis(2-chloroisopropyl)ether	NE	NE	ND		307
Bis(2-ethylhexyl)phthalate	NE	50,000	ND		307
Carbazole	NE	NE	*NA*		-
Chrysene	1,000	3,900	ND		307
Dibenzo(a,h)anthracene	330	330	ND		307
Dibenzofuran	NE	NE	ND		307
Diethyl phthalate	NE	100,000	ND		307
Dimethyl phthalate	NE	100,000	ND		307
Di-n-butyl phthalate	NE	100,000	ND		307
Di-n-octyl phthalate	NE	100,000	ND		307
Fluoranthene	100,000	100,000	ND		307
Fluorene	30,000	100,000	ND		307
Hexachlorobenzene	NE	410	ND		307
Hexachlorobutadiene	NE	NE	ND		307
Hexachlorocyclopentadiene	NE	NE	ND		307
Hexachloroethane	NE	NE	ND		307
Indeno(1,2,3-cd)pyrene	500	500	ND		307
Isophorone	NE	100,000	ND		307
Naphthalene	12,000	100,000	ND		307
Nitrobenzene	NE	15,000	ND		307
N-Nitrosodimethylamine	NE	NE	ND		307
N-nitroso-di-n-propylamine	NE	NE	ND		307
N-Nitrosodiphenylamine	NE	NE	ND		307
Pentachlorophenol	800	6,700	ND		307
Phenanthrene	100,000	100,000	ND		307
Phenol	330	100,000	ND		307
Pyrene	100,000	100,000	ND		307
Pyridine	NE	NE	ND	R	307
Total TICs	NE	NE	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 6: Soil - SVOCs (Spill Site)

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Elevated Concentrations in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		MW-17 (14) (Spill Site) (2012-02-15)			MW-18 (15) (Spill Site) (2012-02-15)			MW-19 (10-12) (Spill Site) (2012-02-02)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		215	ND		198	ND		4,030
1,2-Dichlorobenzene	NE	NE	ND		215	ND		198	ND		4,030
1,3-Dichlorobenzene	NE	NE	ND		215	ND		198	ND		4,030
1,4-Dichlorobenzene	NE	NE	ND		215	ND		198	ND		4,030
2,4,5-Trichlorophenol	NE	100,000	*NA*		-	*NA*		-	ND		4,030
2,4,6-Trichlorophenol	NE	NE	*NA*		-	*NA*		-	ND		4,030
2,4-Dichlorophenol	NE	100,000	*NA*		-	*NA*		-	ND		4,030
2,4-Dimethylphenol	NE	NE	*NA*		-	*NA*		-	ND		4,030
2,4-Dinitrophenol	NE	100,000	*NA*		-	*NA*		-	ND		8,060
2,4-Dinitrotoluene	NE	NE	ND		215	ND		198	ND		4,030
2,6-Dinitrotoluene	NE	1,030	ND		215	ND		198	ND		4,030
2-Chloronaphthalene	NE	NE	ND		215	ND		198	ND		4,030
2-Chlorophenol	NE	100,000	*NA*		-	*NA*		-	ND		4,030
2-Methylnaphthalene	NE	410	ND		215	ND		198	**13,200**		4,030
2-Methylphenol	330	100,000	*NA*		-	*NA*		-	ND		4,030
2-Nitroaniline	NE	NE	*NA*		-	*NA*		-	ND		4,030
2-Nitrophenol	NE	NE	*NA*		-	*NA*		-	ND		4,030
3- & 4-Methylphenols	330	100,000	*NA*		-	*NA*		-	ND		4,030
3,3'-Dichlorobenzidine	NE	NE	ND		215	ND		198	ND		4,030
3-Nitroaniline	NE	NE	ND		215	ND		198	ND		4,030
4,6-Dinitro-2-methylphenol	NE	NE	*NA*		-	*NA*		-	ND		8,060
4-Bromophenyl phenyl ether	NE	NE	ND		215	ND		198	ND		4,030
4-Chloro-3-methylphenol	NE	NE	ND		215	ND		198	ND		4,030
4-Chloroaniline	NE	NE	ND		215	ND		198	ND		4,030
4-Chlorophenyl phenyl ether	NE	NE	ND		215	ND		198	ND		4,030
4-Nitroaniline	NE	NE	ND		215	ND		198	ND		4,030
4-Nitrophenol	NE	NE	*NA*		-	*NA*		-	ND		4,030
Acenaphthene	20,000	100,000	ND		215	ND		198	ND		4,030
Acenaphthylene	100,000	100,000	ND		215	ND		198	ND		4,030
Aniline	NE	100,000	ND		215	ND		198	ND		4,030
Anthracene	100,000	100,000	ND		215	ND		198	1,400	J	4,030
Benzo(a)anthracene	1,000	1,000	ND		215	ND		198	ND		4,030
Benzo(a)pyrene	1,000	1,000	ND		215	53	J	198	ND		4,030
Benzo(b)fluoranthene	1,000	1,000	ND		215	ND		198	ND		4,030
Benzo(g,h,i)perylene	100,000	100,000	ND		215	ND		198	ND		4,030
Benzo(k)fluoranthene	800	3,900	ND		215	ND		198	ND		4,030
Benzyl alcohol	NE	NE	*NA*		-	*NA*		-	ND		4,030
Benzyl butyl phthalate	NE	NE	ND		215	ND		198	10,100		4,030
Bis(2-chloroethoxy)methane	NE	NE	ND		215	ND		198	ND		4,030
Bis(2-chloroethyl)ether	NE	NE	ND		215	ND		198	ND		4,030
Bis(2-chloroisopropyl)ether	NE	NE	ND		215	ND		198	ND		4,030
Bis(2-ethylhexyl)phthalate	NE	50,000	1,400		215	440		198	4,330		4,030
Carbazole	NE	NE	ND		215	ND		198	*NA*		-
Chrysene	1,000	3,900	ND		215	ND		198	ND		4,030
Dibenzo(a,h)anthracene	330	330	ND		215	ND		198	ND		4,030
Dibenzofuran	NE	NE	ND		215	ND		198	ND		4,030
Diethyl phthalate	NE	100,000	ND		215	ND		198	ND		4,030
Dimethyl phthalate	NE	100,000	ND		215	ND		198	ND		4,030
Di-n-butyl phthalate	NE	100,000	ND		215	ND		198	ND		4,030
Di-n-octyl phthalate	NE	100,000	350		215	ND		198	ND		4,030
Fluoranthene	100,000	100,000	ND		215	ND		198	ND		4,030
Fluorene	30,000	100,000	ND		215	ND		198	1,850	J	4,030
Hexachlorobenzene	NE	410	ND		215	ND		198	ND		4,030
Hexachlorobutadiene	NE	NE	ND		215	ND		198	ND		4,030
Hexachlorocyclopentadiene	NE	NE	ND		215	ND		198	ND		4,030
Hexachloroethane	NE	NE	ND		215	ND		198	ND		4,030
Indeno(1,2,3-cd)pyrene	500	500	ND		215	ND		198	ND		4,030
Isophorone	NE	100,000	ND		215	ND		198	ND		4,030
Naphthalene	12,000	100,000	ND		215	ND		198	2,000	J	4,030
Nitrobenzene	NE	15,000	ND		215	ND		198	ND		4,030
N-Nitrosodimethylamine	NE	NE	ND		215	ND		198	ND		4,030
N-nitroso-di-n-propylamine	NE	NE	ND		215	ND		198	ND		4,030
N-Nitrosodiphenylamine	NE	NE	ND		215	ND		198	ND		4,030
Pentachlorophenol	800	6,700	*NA*		-	*NA*		-	ND		4,030
Phenanthrene	100,000	100,000	ND		215	ND		198	6,650		4,030
Phenol	330	100,000	*NA*		-	*NA*		-	ND		4,030
Pyrene	100,000	100,000	ND		215	76.4	J	198	3,360	J	4,030
Pyridine	NE	NE	ND		215	ND		198	ND		4,030
Total TICs	NE	NE	*NA*		-	*NA*		-	5,360		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 6: Soil - SVOCs (Spill Site)

Data in µg/kg
Guidance: NYSDEC 375-6 and CP-51
Elevated Concentrations in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs (USEPA Method 8270)	Soil Cleanup Objectives (SCOs)		SB-77A (Spill Site) (2012-02-01)			SB-78A (Spill Site) (2012-02-01)		
	Unrestricted	Restricted-Residential	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	NE	NE	ND		4,020	ND		221
1,2-Dichlorobenzene	NE	NE	ND		4,020	ND		221
1,3-Dichlorobenzene	NE	NE	ND		4,020	ND		221
1,4-Dichlorobenzene	NE	NE	ND		4,020	ND		221
2,4,5-Trichlorophenol	NE	100,000	ND		4,020	ND		221
2,4,6-Trichlorophenol	NE	NE	ND		4,020	ND		221
2,4-Dichlorophenol	NE	100,000	ND		4,020	ND		221
2,4-Dimethylphenol	NE	NE	ND		4,020	ND		221
2,4-Dinitrophenol	NE	100,000	ND		8,040	ND		443
2,4-Dinitrotoluene	NE	NE	ND		4,020	ND		221
2,6-Dinitrotoluene	NE	1,030	ND		4,020	ND		221
2-Chloronaphthalene	NE	NE	ND		4,020	ND		221
2-Chlorophenol	NE	100,000	ND		4,020	ND		221
2-Methylnaphthalene	NE	410	ND		4,020	ND		221
2-Methylphenol	330	100,000	ND		4,020	ND		221
2-Nitroaniline	NE	NE	ND		4,020	ND		221
2-Nitrophenol	NE	NE	ND		4,020	ND		221
3- & 4-Methylphenols	330	100,000	ND		4,020	ND		221
3,3'-Dichlorobenzidine	NE	NE	ND		8,040	ND		442
3-Nitroaniline	NE	NE	ND		4,020	ND		221
4,6-Dinitro-2-methylphenol	NE	NE	ND		4,020	ND		221
4-Bromophenyl phenyl ether	NE	NE	ND		4,020	ND		221
4-Chloro-3-methylphenol	NE	NE	ND		4,020	ND		221
4-Chloroaniline	NE	NE	ND		4,020	ND		221
4-Chlorophenyl phenyl ether	NE	NE	ND		4,020	ND		221
4-Nitroaniline	NE	NE	ND		4,020	ND		221
4-Nitrophenol	NE	NE	ND		4,020	ND		221
Acenaphthene	20,000	100,000	ND		4,020	ND		221
Acenaphthylene	100,000	100,000	ND		4,020	ND		221
Aniline	NE	100,000	ND		4,020	ND		221
Anthracene	100,000	100,000	ND		4,020	ND		221
Benzo(a)anthracene	1,000	1,000	ND		4,020	ND		221
Benzo(a)pyrene	1,000	1,000	ND		4,020	ND		221
Benzo(b)fluoranthene	1,000	1,000	ND		4,020	ND		221
Benzo(g,h,i)perylene	100,000	100,000	ND		4,020	ND		221
Benzo(k)fluoranthene	800	3,900	ND		4,020	ND		221
Benzyl alcohol	NE	NE	ND		4,020	ND		221
Benzyl butyl phthalate	NE	NE	ND		4,020	ND		221
Bis(2-chloroethoxy)methane	NE	NE	ND		4,020	ND		221
Bis(2-chloroethyl)ether	NE	NE	ND		4,020	ND		221
Bis(2-chloroisopropyl)ether	NE	NE	ND		4,020	ND		221
Bis(2-ethylhexyl)phthalate	NE	50,000	ND		4,020	233		221
Carbazole	NE	NE	*NA*		-	*NA*		-
Chrysene	1,000	3,900	ND		4,020	ND		221
Dibenzo(a,h)anthracene	330	330	ND		4,020	ND		221
Dibenzofuran	NE	NE	ND		4,020	ND		221
Diethyl phthalate	NE	100,000	ND		4,020	ND		221
Dimethyl phthalate	NE	100,000	ND		4,020	ND		221
Di-n-butyl phthalate	NE	100,000	ND		4,020	ND		221
Di-n-octyl phthalate	NE	100,000	ND		4,020	ND		221
Fluoranthene	100,000	100,000	ND		4,020	ND		221
Fluorene	30,000	100,000	ND		4,020	ND		221
Hexachlorobenzene	NE	410	ND		4,020	ND		221
Hexachlorobutadiene	NE	NE	ND		4,020	ND		221
Hexachlorocyclopentadiene	NE	NE	ND		4,020	ND		221
Hexachloroethane	NE	NE	ND		4,020	ND		221
Indeno(1,2,3-cd)pyrene	500	500	ND		4,020	ND		221
Isophorone	NE	100,000	ND		4,020	149	J	221
Naphthalene	12,000	100,000	ND		4,020	ND		221
Nitrobenzene	NE	15,000	ND		4,020	ND		221
N-Nitrosodimethylamine	NE	NE	ND		4,020	ND		221
N-nitroso-di-n-propylamine	NE	NE	ND		4,020	ND		221
N-Nitrosodiphenylamine	NE	NE	ND		4,020	ND		221
Pentachlorophenol	800	6,700	ND		4,020	ND		221
Phenanthrene	100,000	100,000	ND		4,020	ND		221
Phenol	330	100,000	ND		4,020	ND		221
Pyrene	100,000	100,000	ND		4,020	ND		221
Pyridine	NE	NE	ND		4,020	ND		221
Total TICs	NE	NE	ND		-	442		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 7: Soil - Metals

Data in mg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

TAL Metals (Various Methods)	Soil Cleanup Objectives (SCOs)		MW-23 (2012-07-25)			MW-24 (2012-07-25)			MW-25 (2012-07-25)		
	Unrestricted	Restricted-Residential	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
Aluminum	NE	NE	3,850		2.45	4,210		2.5	4,700		2.23
Antimony	NE	NE	ND		0.611	ND		0.626	ND		0.557
Arsenic	13	16	ND		1.22	ND		1.25	ND		1.11
Barium	350	400	51.9		0.611	44.4		0.626	41.5		0.557
Beryllium	7.2	72	ND		0.122	ND		0.125	ND		0.111
Cadmium	2.5	4.3	ND		0.611	ND		0.626	ND		0.557
Calcium	NE	NE	3,280		2.45	1,450		2.5	2,910		2.23
Chromium	30	180	11		0.611	12		0.626	13.9		0.557
Cobalt	NE	30	8.58		0.611	9.46		0.626	14.8		0.557
Copper	50	270	15		0.611	16.9		0.626	31.7		0.557
Iron	NE	2,700	**12,100**		1.22	**18,000**		1.25	**22,600**		1.11
Lead	63	400	4.95	B	0.367	4.29	B	0.376	5.78	B	0.334
Magnesium	NE	NE	3,910		2.45	2,300		2.5	4,120		2.23
Manganese	1,600	2,000	660		1.22	467		1.25	321		1.11
Mercury	0.18	0.81	ND		0.122	ND		0.125	ND		0.111
Nickel	30	310	15.8		0.611	18.4		0.626	25.5		0.557
Potassium	NE	NE	1,160		12.2	1,280		12.5	1,230		11.1
Selenium	3.9	180	ND		0.611	ND		0.626	ND		0.557
Silver	2	180	ND		0.611	ND		0.626	ND		0.557
Sodium	NE	NE	416		12.2	214		12.5	283		11.1
Thallium	NE	NE	ND		0.611	ND		0.626	ND		0.557
Vanadium	NE	100	14.2		0.611	15.9		0.626	22.5		0.557
Zinc	109	10,000	42.9		0.611	39.6		0.626	**137**		0.557

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 7: Soil - Metals

Data in mg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

TAL Metals (Various Methods)	Soil Cleanup Objectives (SCOs)		MW-26 (2012-09-24)			MW-27 (2012-09-24)			MW-28 (2013-01-15)		
	Unrestricted	Restricted-Residential	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
Aluminum	NE	NE	13,900		2.61	3,200		2.56	11,500	B	2.46
Antimony	NE	NE	ND		0.653	ND		0.64	ND		0.614
Arsenic	13	16	2.69		1.31	ND		1.28	1.67		1.23
Barium	350	400	106		0.653	31		0.64	125		0.614
Beryllium	7.2	72	1.17		0.131	0.34		0.128	ND		0.123
Cadmium	2.5	4.3	ND		0.653	ND		0.64	ND		0.614
Calcium	NE	NE	2,900		2.61	1,640		2.56	2,190		6.14
Chromium	30	180	**35.2**		0.653	11.1		0.64	30.2		0.614
Cobalt	NE	30	21.5		0.653	6.21		0.64	18.8		0.614
Copper	50	270	34.3		0.653	12.6		0.64	25.2		0.614
Iron	NE	2,700	**29,400**		1.31	**10,200**		1.28	**25,800**		2.46
Lead	63	400	8.24		0.392	2.55		0.384	5.82		0.368
Magnesium	NE	NE	10,400		2.61	2,430		2.56	7,590		6.14
Manganese	1,600	2,000	1,290		1.31	294		1.28	604		1.23
Mercury	0.18	0.81	ND		0.131	ND		0.128	ND		0.123
Nickel	30	310	**43.3**		0.653	12.4		0.64	**32.4**		0.614
Potassium	NE	NE	5,400		13.1	1,170		12.8	4,580		12.3
Selenium	3.9	180	**6.51**		0.653	2.1		0.64	4.34		0.614
Silver	2	180	ND		0.653	ND		0.64	ND		0.614
Sodium	NE	NE	561		13.1	109		12.8	262	B	12.3
Thallium	NE	NE	ND		0.653	ND		0.64	ND		0.614
Vanadium	NE	100	51.6		0.653	15.2		0.64	41		0.614
Zinc	109	10,000	103		0.653	29.5		0.64	**118**		0.614

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 7: Soil - Metals

Data in mg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

TAL Metals (Various Methods)	Soil Cleanup Objectives (SCOs)		MW-29 (2013-01-08)			SB-60 (2012-02-01)			SB-60B (6-8) (2012-02-13)		
	Unrestricted	Restricted-Residential	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
Aluminum	NE	NE	6,000		2.36	4,530		2.12	8,330		2.19
Antimony	NE	NE	ND		0.589	ND		0.531	2.69		0.548
Arsenic	13	16	ND		1.18	ND		1.06	2.95		1.1
Barium	350	400	53.9		0.589	55		0.531	62.7		0.548
Beryllium	7.2	72	ND		0.118	ND		0.106	ND		0.11
Cadmium	2.5	4.3	ND		0.589	ND		0.531	ND		0.548
Calcium	NE	NE	2,970		5.89	1,330	B	2.12	1,270		2.19
Chromium	30	180	16.8		0.589	13.1		0.531	25		0.548
Cobalt	NE	30	10.6		0.589	8.4		0.531	14.3		0.548
Copper	50	270	19.3		0.589	15.3		0.531	30.1		0.548
Iron	NE	2,700	**15,300**		2.36	**13,400**	B	1.06	**24,200**		1.1
Lead	63	400	3.91		0.354	6.47		0.319	11.1		0.329
Magnesium	NE	NE	4,480		5.89	2,860	B	2.12	4,260		2.19
Manganese	1,600	2,000	363		1.18	733		1.06	406		1.1
Mercury	0.18	0.81	ND		0.118	ND		0.106	ND		0.11
Nickel	30	310	19.5		0.589	16		0.531	**46.9**		0.548
Potassium	NE	NE	2,130		11.8	1,430		10.6	1,270		11
Selenium	3.9	180	2.53		0.589	1.63		0.531	2.5		0.548
Silver	2	180	ND		0.589	ND		0.531	ND		0.548
Sodium	NE	NE	217		11.8	103	B	10.6	83		11
Thallium	NE	NE	ND		0.589	ND		0.531	ND		0.548
Vanadium	NE	100	22.4		0.589	19.4		0.531	30.5		0.548
Zinc	109	10,000	53.7		0.589	40.9		0.531	77		0.548

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 7: Soil - Metals

Data in mg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

TAL Metals (Various Methods)	Soil Cleanup Objectives (SCOs)		SB-61 (2012-02-01)			SB-63 (14) (2012-02-10)			SB-67 (2012-02-02)		
	Unrestricted	Restricted-Residential	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
Aluminum	NE	NE	2,640		2.26	9,200		2.48	3,680		2.12
Antimony	NE	NE	ND		0.564	6.81		0.619	ND		0.53
Arsenic	13	16	ND		1.13	1.74		1.24	ND		1.06
Barium	350	400	32.9		0.564	93.5		0.619	37.5		0.53
Beryllium	7.2	72	ND		0.113	ND		0.124	ND		0.106
Cadmium	2.5	4.3	ND		0.564	1.57		0.619	ND		0.53
Calcium	NE	NE	2,510	B	2.26	1,260		2.48	1,340	B	2.12
Chromium	30	180	23.9		0.564	37.8		0.619	11.3		0.53
Cobalt	NE	30	8.93		0.564	16.3		0.619	9.44		0.53
Copper	50	270	**67.7**		0.564	43.3		0.619	23.4		0.53
Iron	NE	2,700	**37,800**	B	1.13	**24,400**		1.24	**13,900**	B	1.06
Lead	63	400	10.8		0.339	19.3		0.371	**111**		0.318
Magnesium	NE	NE	1,280	B	2.26	5,050		2.48	2,260	B	2.12
Manganese	1,600	2,000	670		1.13	828		1.24	416		1.06
Mercury	0.18	0.81	ND		0.113	ND		0.124	ND		0.106
Nickel	30	310	25.9		0.564	**36.7**		0.619	16.2		0.53
Potassium	NE	NE	674		11.3	2,890		12.4	1,150		10.6
Selenium	3.9	180	1.99		0.564	**4.89**		0.619	1.17		0.53
Silver	2	180	ND		0.564	ND		0.619	ND		0.53
Sodium	NE	NE	54.3	B	11.3	149		12.4	61.9	B	10.6
Thallium	NE	NE	ND		0.564	2.35		0.619	ND		0.53
Vanadium	NE	100	43.5		0.564	39		0.619	19.1		0.53
Zinc	109	10,000	57.5		0.564	100		0.619	45		0.53

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 7: Soil - Metals

Data in mg/kg
Guidance: NYSDEC 375-6 and CP-51
Concentrations above UU-SCOs in **Bold**

Ecosystems Strategies, Inc.

ESI File: SB09110

TAL Metals (Various Methods)	Soil Cleanup Objectives (SCOs)		SB-69 (2012-02-01)			SB-71 (14) (2012-02-10)		
	Unrestricted	Restricted-Residential	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
Aluminum	NE	NE	6,450		201	3,890		2.25
Antimony	NE	NE	ND		201	4.98		0.562
Arsenic	13	16	ND		201	ND		1.12
Barium	350	400	79.2		201	45.7		0.562
Beryllium	7.2	72	ND		201	ND		0.112
Cadmium	2.5	4.3	ND		201	0.944		0.562
Calcium	NE	NE	1,080	B	201	13,800		2.25
Chromium	30	180	31.6		201	13.1		0.562
Cobalt	NE	30	9.13		402	7.73		0.562
Copper	50	270	25.9		201	16.2		0.562
Iron	NE	2,700	**24,100**	B	201	**11,700**		1.12
Lead	63	400	7.73		201	7.51		0.337
Magnesium	NE	NE	3,730	B	201	10,200		2.25
Manganese	1,600	2,000	308		201	556		1.12
Mercury	0.18	0.81	ND		201	ND		0.112
Nickel	30	310	23		201	15.2		0.562
Potassium	NE	NE	2,640		201	1,760		11.2
Selenium	3.9	180	1.26		201	**4.12**		0.562
Silver	2	180	ND		402	ND		0.562
Sodium	NE	NE	377	B	201	127		11.2
Thallium	NE	NE	ND		201	ND		0.562
Vanadium	NE	100	32.4		201	18		0.562
Zinc	109	10,000	86.5		201	42.2		0.562

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank E = Estimated concentration

Table 8: Soil - Detected VOC TICs

Data in µg/kg

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs - TICs (USEPA Method 8260)	MW-19 (10-12) (2012-02-02)		MW-26 (2012-09-24)		SB-60 (2012-02-01)		SB-60B (6-8) (2012-02-13)	
	Result	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*
(methylpropyl) cyclohexane isomer	2,400	JN			390			
1,2,4,5-Tetramethylbenzene	1,800							
1-methyl-3-propyl benzene							2,500	JN
2,6-dimethyl octane			34	JN				
2-Butanone								
2-ethyl-1-hexanol								
3-methyl nonane			32	JN				
3-methyl thiophene								
4-Methyl-2-pentanone								
Acetone	11	B-Dil			180	B	2,400	B
Butanal								
butyl cyclohexane			37	JN	390	JN		
butyl octanol isomer								
decahydro methyl naphthalene isomers			84	JN				
dihydro dimethyl indene isomers	8,700	JN						
dimethyl Cyclohexane isomer			66	JN				
dimethyl Heptane isomer	2,800	JN						
dimethyl nonane isomer								
dimethyl octane isomer					590	JN		
dimethyl Octene isomer							2,200	JN
dimethyl Undecane isomer								
Dodecane								
Ethyl Dimethyl Benzene isomer								
ethyl Hexanal isomer								
ethyl Hexanol isomer								
Ethyl Methyl Benzene isomer								
Heptene isomer								
Hexane								
Methyl (methylethyl) benzene isomer							2,900	JN
Methyl (methylpentyl) Cyclopropane isomer								
methyl Cycloheptane isomer								
Methyl Cyclohexane	880				82	JN		
methyl Decane isomer					620	JN		
methyl Heptane isomers								
methyl Heptanol isomer								
methyl hexanol isomer								
methyl Nonane isomer	2,200	JN						
methyl Nonane isomers					1,500	JN		
methyl Octane isomer	2,300	JN						
methyl octane isomers					1,000	JN		
methyl pentyl cyclohexane isomer								
methyl-(methylpropyl) cyclopentane			40	JN				
Nonane	3,200	JN						
Octane	2,400	JN						
p-Diethylbenzene								
Pentanal								
Pentyl Cyclohexane			60	JN				
pentyl Cyclohexane isomer								
p-Ethyltoluene								
propyl cyclohexane			50	JN			3,400	JN
propyl cyclohexanes					920	JN		
tetramethyl Benzene isomers							4,200	JN
tetramethyl cyclohexane isomer			52	JN				
Trimethyl Benzene isomers							7,600	JN
Trimethyl cyclohexane isomer	2,200	JN						
undecane							2,000	JN
undecanes								
Total TICs	28,891		455		5,672		27,200	

Flags: JN = Possible analyte or class of analyte tentatively identified at an estimated concentration.
B and B-dil = Detected in laboratory blank

Table 8: Soil - Detected VOC TICs

Data in µg/kg

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs - TICs (USEPA Method 8260)	SB-61 (2012-02-01)		SB-63 (14) (2012-02-10)		SB-65 (8-12) (2012-04-19)		SB-67 (2012-02-02)	
	Result	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*
(methylpropyl) cyclohexane isomer								
1,2,4,5-Tetramethylbenzene	110						9.7	
1-methyl-3-propyl benzene								
2,6-dimethyl octane								
2-Butanone			110				59	
2-ethyl-1-hexanol								
3-methyl nonane								
3-methyl thiophene							34	JN
4-Methyl-2-pentanone							25	
Acetone			270	B			94	B
Butanal			52	JN				
butyl cyclohexane	320	JN					32	JN
butyl octanol isomer							20	JN
decahydro methyl naphthalene isomers								
dihydro dimethyl indene isomers								
dimethyl Cyclohexane isomer								
dimethyl Heptane isomer								
dimethyl nonane isomer	370	JN						
dimethyl octane isomer	170	JN						
dimethyl Octene isomer	160	JN						
dimethyl Undecane isomer								
Dodecane							31	JN
Ethyl Dimethyl Benzene isomer			12	JN				
ethyl Hexanal isomer			310	JN			24	JN
ethyl Hexanol isomer			360	JN				
Ethyl Methyl Benzene isomer					75	JN		
Heptene isomer			12	JN				
Hexane								
Methyl (methylethyl) benzene isomer								
Methyl (methylpentyl) Cyclopropane isomer			25	JN				
methyl Cycloheptane isomer								
Methyl Cyclohexane								
methyl Decane isomer	180	JN					21	JN
methyl Heptane isomers					120	JN		
methyl Heptanol isomer			15	JN				
methyl hexanol isomer								
methyl Nonane isomer	200	JN					19	JN
methyl Nonane isomers								
methyl Octane isomer					59	JN	23	JN
methyl octane isomers	150	JN			110	JN		
methyl pentyl cyclohexane isomer								
methyl-(methylpropyl) cyclopentane								
Nonane								
Octane					110	JN		
p-Diethylbenzene	160							
Pentanal			29	JN				
Pentyl Cyclohexane								
pentyl Cyclohexane isomer	210	JN						
p-Ethyltoluene							29	
propyl cyclohexane	170	JN					130	JN
propyl cyclohexanes								
tetramethyl Benzene isomers								
tetramethyl cyclohexane isomer								
Trimethyl Benzene isomers								
Trimethyl cyclohexane isomer								
undecane								
undecanes							130	JN
Total TICs	2,200		1,195		474		680.7	

Flags: JN = Possible analyte or class of analyte tentatively identified at an estimated concentration.
B and B-dil = Detected in laboratory blank

Table 8: Soil - Detected VOC TICs

Data in µg/kg

Ecosystems Strategies, Inc.

ESI File: SB09110

VOCs - TICs (USEPA Method 8260)	SB-69 (2012-02-01)		SB-71 (14) (2012-02-10)	
	Result	*Flag*	*Result*	*Flag*
(methylpropyl) cyclohexane isomer				
1,2,4,5-Tetramethylbenzene				
1-methyl-3-propyl benzene				
2,6-dimethyl octane				
2-Butanone			5.8	
2-ethyl-1-hexanol			740	JN
3-methyl nonane				
3-methyl thiophene				
4-Methyl-2-pentanone				
Acetone	33		85	B
Butanal				
butyl cyclohexane				
butyl octanol isomer				
decahydro methyl naphthalene isomers				
dihydro dimethyl indene isomers				
dimethyl Cyclohexane isomer				
dimethyl Heptane isomer				
dimethyl nonane isomer				
dimethyl octane isomer				
dimethyl Octene isomer				
dimethyl Undecane isomer				
Dodecane				
Ethyl Dimethyl Benzene isomer				
ethyl Hexanal isomer				
ethyl Hexanol isomer				
Ethyl Methyl Benzene isomer				
Heptene isomer				
Hexane			12	JN
Methyl (methylethyl) benzene isomer				
Methyl (methylpentyl) Cyclopropane isomer				
methyl Cycloheptane isomer			33	JN
Methyl Cyclohexane				
methyl Decane isomer				
methyl Heptane isomers				
methyl Heptanol isomer				
methyl hexanol isomer			61	JN
methyl Nonane isomer				
methyl Nonane isomers				
methyl Octane isomer				
methyl octane isomers				
methyl pentyl cyclohexane isomer				
methyl-(methylpropyl) cyclopentane				
Nonane				
Octane				
p-Diethylbenzene				
Pentanal				
Pentyl Cyclohexane				
pentyl Cyclohexane isomer				
p-Ethyltoluene				
propyl cyclohexane				
propyl cyclohexanes				
tetramethyl Benzene isomers				
tetramethyl cyclohexane isomer				
Trimethyl Benzene isomers				
Trimethyl cyclohexane isomer			31	JN
undecane				
undecanes				
Total TICs	33		967.8	

Flags: JN = Possible analyte or class of analyte tentatively identified at an estimated concentration.
B and B-dil = Detected in laboratory blank

Table 9: Soil - Detected SVOC TICs

Data in µg/kg

Ecosystems Strategies, Inc.

ESI File: SB09110

SVOCs - TICs (USEPA Method 8270)	MW-19 (10-12) (2012-02-02)		MW-22 (12-14) (2012-02-16)		MW-42 (8-10) (2014-12-10)		SB-60B (6-8) (2012-02-13)		SB-60B (8-10) (2012-02-13)		SB-60B (10-12) (2012-02-13)	
	Result	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*
Benenedicarboxylic acid			159	JN			256	JN	211	JN	280	JN
Didecyl phthalate			199	JN					140	JN		
Didodecyl phthalate											140	JN
dimethyl-Naphthalene isomer	1,170	JN										
ethyl Hexanol isomer												
Hexahydropyridine isomer												
Hexanedioic acid											140	JN
methyl Anthracene isomer	1,370	JN										
methyl Dibenzothiophene	1,450	JN										
nitro Thiophene isomer												
Octacosane	1,370	JN										
unknown hydrocarbon					188							
Total TICs	5,360		358		188		256		351		560	

SVOCs - TICs (USEPA Method 8270)	SB-60B (10-12) (2012-02-13)		SB-63 (2012-02-01)		SB-63 (14) (2012-02-10)		SB-68 (2012-02-01)		SB-71 (14) (2012-02-10)		SB-78A (spill site) (2012-02-01)	
	Result	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*
Benenedicarboxylic acid	280	JN					168	JN			221	JN
Didecyl phthalate									187	JN		
Didodecyl phthalate	140	JN			866	JN	168	JN				
dimethyl-Naphthalene isomer												
ethyl Hexanol isomer					2,150	JN						
Hexahydropyridine isomer					413	JN						
Hexanedioic acid	140	JN			15,200	JN					221	JN
methyl Anthracene isomer												
methyl Dibenzothiophene												
nitro Thiophene isomer			954	JN								
Octacosane												
unknown hydrocarbon												
Total TICs	560		954		18,629		336		187		442	

Flags: JN = Possible analyte or class of analyte tentatively identified at an estimated concentration.

IHWD ID: 224136

Table 10: Water - VOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

SB09110 RIR

VOCs (USEPA Method 8260)	Guidance Level	MW-3 (2010-02-15) Result	Flag	RL	MW-3 (2012-04-25) Result	Flag	RL	MW-3 (2013-11-25) Result	Flag	RL	MW-4 (2014-04-03) Result	Flag	RL
1,1,1,2-Tetrachloroethane	5	ND		5	ND		5	*NA*		-	*NA*		-
1,1,1-Trichloroethane	5	2.4	J	5	ND		5	ND		5	ND		0.5
1,1,2,2-Tetrachloroethane	5	ND		5	ND		5	*NA*		-	ND		0.5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		5	ND		5	ND		5	ND		0.5
1,1,2-Trichloroethane	1	ND		5	ND		5	ND		5	ND		0.5
1,1-Dichloroethane	5	ND		5	ND		5	ND		5	ND		0.5
1,1-Dichloroethylene	5	ND		5	ND		5	ND		5	ND		0.5
1,1-Dichloropropylene	5	ND		5	ND		5	*NA*		-	*NA*		-
1,2,3-Trichlorobenzene	5	ND		5	ND		10	*NA*		-	ND		0.5
1,2,3-Trichloropropane	0.04	ND		5	ND		5	*NA*		-	*NA*		-
1,2,4-Trichlorobenzene	5	ND		5	ND		10	ND		10	ND		0.5
1,2,4-Trimethylbenzene	5	1.1	J	5	ND		5	ND		5	*NA*		-
1,2-Dibromo-3-chloropropane	0.04	ND		5	ND		10	ND		10	ND		0.5
1,2-Dibromoethane	5	ND		5	ND		5	ND		5	ND		0.5
1,2-Dichlorobenzene	3	ND		5	ND		5	*NA*		-	ND		0.5
1,2-Dichloroethane	0.6	ND		5	ND		5	ND		5	ND		0.5
1,2-Dichloropropane	1	ND		5	ND		5	ND		5	ND		0.5
1,3,5-Trimethylbenzene	5	ND		5	ND		5	ND		5	*NA*		-
1,3-Dichlorobenzene	3	ND		5	ND		5	*NA*		-	ND		0.5
1,3-Dichloropropane	5	ND		5	ND		5	*NA*		-	*NA*		-
1,4-Dichlorobenzene	3	ND		5	ND		5	*NA*		-	ND		0.5
1,4-Dioxane	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
2,2-Dichloropropane	5	ND		5	ND		5	*NA*		-	*NA*		-
2-Butanone	50	*NA*		-	ND		10	ND		10	5.4		0.5
2-Chlorotoluene	5	ND		5	ND		5	*NA*		-	*NA*		-
2-Hexanone	50	*NA*		-	*NA*		-	ND		5	ND		0.5
4-Chlorotoluene	5	ND		5	ND		5	*NA*		-	*NA*		-
4-Methyl-2-pentanone	NE	*NA*		-	*NA*		-	ND		10	5.5	E	0.5
Acetone	50	*NA*		-	3.1	J,B	10	ND		10	18	E,B	2
Benzene	1	ND		5	ND		5	ND		5	ND		0.5
Bromobenzene	5	ND		5	ND		5	*NA*		-	*NA*		-
Bromochloromethane	5	ND		5	ND		5	*NA*		-	ND		0.5
Bromodichloromethane	50	ND		5	ND		5	ND		5	ND		0.5
Bromoform	50	ND		5	ND		5	ND		5	ND		0.5
Bromomethane	5	ND		5	ND		5	ND		5	ND		0.5
Carbon disulfide	NE	*NA*		-	*NA*		-	ND		5	ND		0.5
Carbon tetrachloride	5	ND		5	ND		5	ND		5	ND		0.5
Chlorobenzene	5	ND		5	ND		5	ND		5	0.41	J	0.5
Chloroethane	5	ND		5	ND		5	ND		5	ND		0.5
Chloroform	7	ND		5	ND		5	ND		5	ND		0.5
Chloromethane	5	ND		5	ND		5	ND		5	ND		0.5
cis-1,2-Dichloroethylene	5	ND		5	ND		5	ND		5	1.2		0.5
cis-1,3-Dichloropropylene	0.4	ND		5	ND		5	ND		5	ND		0.5
Cyclohexane	NE	*NA*		-	*NA*		-	*NA*		-	ND		0.5
Dibromochloromethane	5	ND		5	ND		5	ND		5	ND		0.5
Dibromomethane	5	ND		5	ND		5	*NA*		-	*NA*		-
Dichlorodifluoromethane	5	ND		5	ND		5	ND		5	ND		0.5
Ethyl Benzene	5	ND		5	ND		5	ND		5	ND		0.5
Hexachlorobutadiene	0.5	ND		5	ND		5	*NA*		-	*NA*		-
Isopropylbenzene	5	ND		5	ND		5	ND		5	ND		0.5
Methyl acetate	NE	*NA*		-	*NA*		-	*NA*		-	ND		0.5
Methyl tert-butyl ether (MTBE)	10	ND		5	ND		5	ND		5	0.45	J	0.5
Methylcyclohexane	NE	*NA*		-	*NA*		-	*NA*		-	ND		0.5
Methylene chloride	5	3.4	B,J	10	**6.5**	J,B	10	ND		10	ND		2
Naphthalene	10	ND		5	ND		10	ND		10	*NA*		-
n-Butylbenzene	5	ND		5	ND		5	ND		5	*NA*		-
n-Propylbenzene	5	ND		5	ND		5	ND		5	*NA*		-
o-Xylene	5	ND		5	ND		5	ND		5	ND		0.5
p- & m- Xylenes	5	ND		10	ND		10	ND		10	ND		1
p-Isopropyltoluene	5	ND		5	ND		5	*NA*		-	*NA*		-
sec-Butylbenzene	5	ND		5	ND		5	ND		5	*NA*		-
Styrene	5	ND		5	ND		5	ND		5	ND		0.5
tert-Butylbenzene	5	ND		5	ND		5	ND		5	*NA*		-
Tetrachloroethylene	5	ND		5	ND		5	ND		5	ND		0.5
Toluene	5	ND		5	ND		5	ND		5	0.37	J	0.5
trans-1,2-Dichloroethylene	5	ND		5	ND		5	ND		5	ND		0.5
trans-1,3-Dichloropropylene	0.4	ND		5	ND		5	ND		5	ND		0.5
Trichloroethylene	5	ND		5	ND		5	ND		5	0.42	J	0.5
Trichlorofluoromethane	5	ND		5	ND		5	ND		5	ND		0.5
Vinyl acetate	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Vinyl chloride	2	ND		5	ND		5	ND		5	ND		0.5
Xylenes, Total	5	*NA*		-	ND		15	ND		15	ND		1.5
Total TICs	NE	*NA*		-	*NA*			ND		-	78.6		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 10: Water - VOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

SB09110 RIR

VOCs (USEPA Method 8260)	Guidance Level	MW-7 (2014-10-9)			MW-8 (2014-04-03)			MW-8 (2014-10-08)			MW-10 (2010-02-15)		
		Result	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
1,1,1,2-Tetrachloroethane	5	*NA*		-	*NA*		-	*NA*		-	ND		5
1,1,1-Trichloroethane	5	ND		0.5	ND		120	ND		0.5	ND		5
1,1,2,2-Tetrachloroethane	5	ND		0.5	ND		120	ND		0.5	ND		5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		0.5	ND		120	ND		0.5	ND		5
1,1,2-Trichloroethane	1	ND		0.5	ND		120	ND		0.5	ND		5
1,1-Dichloroethane	5	0.23	J	0.5	ND		120	**9.3**		0.5	ND		5
1,1-Dichloroethylene	5	ND		0.5	ND		120	**27**		0.5	ND		5
1,1-Dichloropropylene	5	*NA*		-	*NA*		-	*NA*		-	ND		5
1,2,3-Trichlorobenzene	5	ND		0.5	ND		120	ND		0.5	ND		5
1,2,3-Trichloropropane	0.04	*NA*		-	*NA*		-	*NA*		-	ND		5
1,2,4-Trichlorobenzene	5	ND		0.5	ND		120	ND		0.5	ND		5
1,2,4-Trimethylbenzene	5	*NA*		-	*NA*		-	*NA*		-	ND		5
1,2-Dibromo-3-chloropropane	0.04	ND		0.5	ND		120	ND		0.5	ND		5
1,2-Dibromoethane	5	ND		0.5	ND		120	ND		0.5	ND		5
1,2-Dichlorobenzene	3	ND		0.5	ND		120	ND		0.5	ND		5
1,2-Dichloroethane	0.6	ND		0.5	ND		120	ND		0.5	ND		5
1,2-Dichloropropane	1	ND		0.5	ND		120	ND		0.5	ND		5
1,3,5-Trimethylbenzene	5	*NA*		-	*NA*		-	*NA*		-	ND		5
1,3-Dichlorobenzene	3	ND		0.5	ND		120	ND		0.5	ND		5
1,3-Dichloropropane	5	*NA*		-	*NA*		-	*NA*		-	ND		5
1,4-Dichlorobenzene	3	ND		0.5	ND		120	ND		0.5	*NA*		-
1,4-Dioxane	NE	*NA*		-	*NA*		-	*NA*		-	ND		5
2,2-Dichloropropane	5	*NA*		-	*NA*		-	*NA*		-	ND		5
2-Butanone	50	ND		0.5	ND		120	ND		0.5	ND		5
2-Chlorotoluene	5	*NA*		-	*NA*		-	*NA*		-	ND		5
2-Hexanone	50	ND		0.5	ND		120	ND		0.5	ND		5
4-Chlorotoluene	5	*NA*		-	*NA*		-	*NA*		-	ND		5
4-Methyl-2-pentanone	NE	ND		0.5	ND		120	ND		0.5	*NA*		-
Acetone	50	ND		2	**420**	J, B	500	ND		2	ND		5
Benzene	1	ND		0.5	ND		120	ND		0.5	ND		5
Bromobenzene	5	*NA*		-	*NA*		-	*NA*		-	ND		5
Bromochloromethane	5	ND		0.5	ND		120	ND		0.5	ND		5
Bromodichloromethane	50	ND		0.5	ND		120	ND		0.5	ND		5
Bromoform	50	ND		0.5	ND		120	ND		0.5	ND		5
Bromomethane	5	ND		0.5	ND		120	ND		0.5	*NA*		-
Carbon disulfide	NE	ND		0.5	ND		120	ND		0.5	ND		5
Carbon tetrachloride	5	ND		0.5	ND		120	ND		0.5	ND		5
Chlorobenzene	5	ND		0.5	ND		120	ND		0.5	ND		5
Chloroethane	5	1.9		0.5	ND		120	ND		0.5	ND		5
Chloroform	7	ND		0.5	ND		120	ND		0.5	ND		5
Chloromethane	5	ND		0.5	ND		120	ND		0.5	ND		5
cis-1,2-Dichloroethylene	5	3.4		0.5	**2,300**		120	**2,700**		1,000	ND		5
cis-1,3-Dichloropropylene	0.4	ND		0.5	ND		120	ND		0.5	ND		5
Cyclohexane	NE	ND		0.5	ND		120	ND		0.5	*NA*		-
Dibromochloromethane	5	ND		0.5	ND		120	ND		0.5	ND		5
Dibromomethane	5	*NA*		-	*NA*		-	*NA*		-	ND		5
Dichlorodifluoromethane	5	ND		0.5	ND		120	ND		0.5	ND		5
Ethyl Benzene	5	ND		0.5	ND		120	ND		0.5	ND		5
Hexachlorobutadiene	0.5	ND		0.5	*NA*		-	ND		0.5	ND		5
Isopropylbenzene	5	*NA*		-	ND		120	*NA*		-	ND		5
Methyl acetate	NE	ND		0.5	ND		120	ND		0.5	*NA*		-
Methyl tert-butyl ether (MTBE)	10	ND		0.5	ND		120	ND		0.5	ND		5
Methylcyclohexane	NE	ND		0.5	ND		120	ND		0.5	*NA*		-
Methylene chloride	5	ND		2	ND		500	ND		2	3.4	B,J	10
Naphthalene	10	*NA*		-	*NA*		-	*NA*		-	ND		5
n-Butylbenzene	5	*NA*		-	*NA*		-	*NA*		-	ND		5
n-Propylbenzene	5	*NA*		-	*NA*		-	*NA*		-	ND		5
o-Xylene	5	ND		0.5	ND		120	0.28	J	0.5	ND		5
p- & m- Xylenes	5	ND		1	ND		250	ND		1	ND		10
p-Isopropyltoluene	5	*NA*		-	*NA*		-	*NA*		-	ND		5
sec-Butylbenzene	5	*NA*		-	*NA*		-	*NA*		-	ND		5
Styrene	5	ND		0.5	ND		120	ND		0.5	ND		5
tert-Butylbenzene	5	*NA*		-	*NA*		-	*NA*		-	ND		5
Tetrachloroethylene	5	ND		0.5	ND		120	**22**		0.5	ND		5
Toluene	5	ND		0.5	ND		120	1.3		0.5	ND		5
trans-1,2-Dichloroethylene	5	ND		0.5	ND		120	**39**		0.5	ND		5
trans-1,3-Dichloropropylene	0.4	ND		0.5	ND		120	ND		0.5	ND		5
Trichloroethylene	5	ND		0.5	**33,000**		1,000	**21,000**		1,000	1.1	J	5
Trichlorofluoromethane	5	ND		0.5	ND		120	ND		0.5	ND		5
Vinyl acetate	NE	*NA*		-	*NA*		-	*NA*		-	ND		5
Vinyl chloride	2	0.98		0.5	ND		120	**16**		0.5	ND		5
Xylenes, Total	5	ND		1.5	ND		380	ND		1.5	*NA*		-
Total TICs	NE	*NA*		-	ND		-	*NA*		-	ND		5

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 10: Water - VOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

VOCs (USEPA Method 8260)	Guidance Level	MW-10 (2012-03-16)			MW-12 (2010-02-15)			MW-12 (2014-10-09)			MW-13 (2012-02-15)		
		Result	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
1,1,1,2-Tetrachloroethane	5	ND		5	ND		5	*NA*		-	ND		5
1,1,1-Trichloroethane	5	ND		5	ND		5	ND		0.5	ND		5
1,1,2,2-Tetrachloroethane	5	ND		5	ND		5	ND		0.5	ND		5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		5	ND		5	ND		0.5	ND		5
1,1,2-Trichloroethane	1	ND		5	ND		5	ND		0.5	ND		5
1,1-Dichloroethane	5	ND		5	ND		5	ND		0.5	ND		5
1,1-Dichloroethylene	5	ND		5	ND		5	ND		0.5	ND		5
1,1-Dichloropropylene	5	ND		5	ND		5	*NA*		-	ND		5
1,2,3-Trichlorobenzene	5	ND		10	ND		5	ND		0.5	ND		5
1,2,3-Trichloropropane	0.04	ND		5	ND		5	*NA*		-	ND		5
1,2,4-Trichlorobenzene	5	ND		10	ND		5	ND		0.5	ND		5
1,2,4-Trimethylbenzene	5	ND		5	ND		5	*NA*		-	ND		5
1,2-Dibromo-3-chloropropane	0.04	ND		10	ND		5	ND		0.5	ND		5
1,2-Dibromoethane	5	ND		5	ND		5	ND		0.5	ND		5
1,2-Dichlorobenzene	3	ND		5	ND		5	ND		0.5	ND		5
1,2-Dichloroethane	0.6	ND		5	ND		5	ND		0.5	ND		5
1,2-Dichloropropane	1	ND		5	ND		5	ND		0.5	ND		5
1,3,5-Trimethylbenzene	5	ND		5	ND		5	*NA*		-	ND		5
1,3-Dichlorobenzene	3	ND		5	ND		5	ND		0.5	ND		5
1,3-Dichloropropane	5	ND		5	ND		5	*NA*		-	ND		5
1,4-Dichlorobenzene	3	ND		5	*NA*		-	ND		0.5	*NA*		-
1,4-Dioxane	NE	ND		5	ND		5	*NA*		-	ND		5
2,2-Dichloropropane	5	ND		5	ND		5	*NA*		-	ND		5
2-Butanone	50	ND		10	ND		5	ND		0.5	ND		5
2-Chlorotoluene	5	ND		5	ND		5	*NA*		-	ND		5
2-Hexanone	50	*NA*		-	ND		5	ND		0.5	ND		5
4-Chlorotoluene	5	ND		5	ND		5	*NA*		-	ND		5
4-Methyl-2-pentanone	NE	*NA*		-	*NA*		-	ND		0.5	*NA*		-
Acetone	50	ND		10	ND		5	ND		2	ND		5
Benzene	1	ND		5	ND		5	ND		0.5	ND		5
Bromobenzene	5	ND		5	ND		5	*NA*		-	ND		5
Bromochloromethane	5	ND		5	ND		5	ND		0.5	ND		5
Bromodichloromethane	50	ND		5	ND		5	ND		0.5	ND		5
Bromoform	50	ND		5	ND		5	ND		0.5	ND		5
Bromomethane	5	ND		5	*NA*		-	ND		0.5	*NA*		-
Carbon disulfide	NE	*NA*		-	ND		5	ND		0.5	ND		5
Carbon tetrachloride	5	ND		5	ND		5	ND		0.5	ND		5
Chlorobenzene	5	ND		5	ND		5	ND		0.5	ND		5
Chloroethane	5	ND		5	ND		5	ND		0.5	ND		5
Chloroform	7	ND		5	ND		5	ND		0.5	ND		5
Chloromethane	5	ND		5	ND		5	ND		0.5	ND		5
cis-1,2-Dichloroethylene	5	ND		5	ND		5	**15**		0.5	ND		5
cis-1,3-Dichloropropylene	0.4	ND		5	ND		5	ND		0.5	ND		5
Cyclohexane	NE	*NA*		-	*NA*		-	ND		0.5	*NA*		-
Dibromochloromethane	5	ND		5	ND		5	ND		0.5	ND		5
Dibromomethane	5	ND		5	ND		5	*NA*		-	ND		5
Dichlorodifluoromethane	5	ND		5	ND		5	ND		0.5	ND		5
Ethyl Benzene	5	ND		5	ND		5	ND		0.5	ND		5
Hexachlorobutadiene	0.5	ND		5	ND		5	ND		0.5	ND		5
Isopropylbenzene	5	ND		5	ND		5	*NA*		-	ND		5
Methyl acetate	NE	*NA*		-	*NA*		-	ND		0.5	*NA*		-
Methyl tert-butyl ether (MTBE)	10	ND		5	ND		5	ND		0.5	ND		5
Methylcyclohexane	NE	*NA*		-	*NA*		-	ND		0.5	*NA*		-
Methylene chloride	5	**5.6**	J,B	10	3	B,J	10	ND		2	3.9	B,J	10
Naphthalene	10	ND		5	ND		5	*NA*		-	ND		5
n-Butylbenzene	5	ND		5	ND		5	*NA*		-	ND		6
n-Propylbenzene	5	ND		5	ND		5	*NA*		-	ND		7
o-Xylene	5	ND		5	ND		5	ND		0.5	ND		5
p- & m- Xylenes	5	ND		10	ND		10	ND		1	ND		10
p-Isopropyltoluene	5	ND		5	ND		5	*NA*		-	ND		5
sec-Butylbenzene	5	ND		5	ND		5	*NA*		-	ND		5
Styrene	5	ND		5	ND		5	ND		0.5	ND		5
tert-Butylbenzene	5	ND		5	ND		5	*NA*		-	ND		5
Tetrachloroethylene	5	ND		5	ND		5	ND		0.5	ND		5
Toluene	5	ND		5	ND		5	ND		0.5	ND		5
trans-1,2-Dichloroethylene	5	ND		5	ND		5	1		0.5	ND		5
trans-1,3-Dichloropropylene	0.4	ND		5	ND		5	ND		0.5	ND		5
Trichloroethylene	5	0.86	J	5	2.5	J	5	**7.1**	B	0.5	**15**		5
Trichlorofluoromethane	5	ND		5	ND		5	ND		0.5	ND		5
Vinyl acetate	NE	ND		5	ND		5	*NA*		-	ND		5
Vinyl chloride	2	ND		5	ND		5	**8.5**		0.5	ND		5
Xylenes, Total	5	ND		15	*NA*		-	ND		1.5	*NA*		-
Total TICs	NE	ND		5	ND		5	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 10: Water - VOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

SB09110 RIR

VOCs (USEPA Method 8260)	Guidance Level	MW-13 (2012-04-25) Result	Flag	RL	MW-13 (2014-10-09) Result	Flag	RL	MW-14 (2012-02-15) Result	Flag	RL	MW-14 (2014-10-09) Result	Flag	RL
1,1,1,2-Tetrachloroethane	5	ND		5	*NA*		-	ND		5	*NA*		-
1,1,1-Trichloroethane	5	ND		5	ND		0.5	ND		5	ND		0.5
1,1,2,2-Tetrachloroethane	5	ND		5	ND		0.5	ND		5	ND		0.5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		5	ND		0.5	ND		5	ND		0.5
1,1,2-Trichloroethane	1	ND		5	ND		0.5	ND		5	ND		0.5
1,1-Dichloroethane	5	ND		5	ND		0.5	ND		5	ND		0.5
1,1-Dichloroethylene	5	ND		5	ND		0.5	ND		5	ND		0.5
1,1-Dichloropropylene	5	ND		5	*NA*		-	ND		5	*NA*		-
1,2,3-Trichlorobenzene	5	ND		10	ND		0.5	ND		5	ND		0.5
1,2,3-Trichloropropane	0.04	ND		5	*NA*		-	ND		5	*NA*		-
1,2,4-Trichlorobenzene	5	ND		10	ND		0.5	ND		5	ND		0.5
1,2,4-Trimethylbenzene	5	ND		5	*NA*		-	ND		5	*NA*		-
1,2-Dibromo-3-chloropropane	0.04	ND		10	ND		0.5	ND		5	ND		0.5
1,2-Dibromoethane	5	ND		5	ND		0.5	ND		5	ND		0.5
1,2-Dichlorobenzene	3	ND		5	ND		0.5	ND		5	ND		0.5
1,2-Dichloroethane	0.6	ND		5	ND		0.5	ND		5	ND		0.5
1,2-Dichloropropane	1	ND		5	ND		0.5	ND		5	ND		0.5
1,3,5-Trimethylbenzene	5	ND		5	*NA*		-	ND		5	*NA*		-
1,3-Dichlorobenzene	3	ND		5	ND		0.5	ND		5	ND		0.5
1,3-Dichloropropane	5	ND		5	*NA*		-	ND		5	*NA*		-
1,4-Dichlorobenzene	3	ND		5	ND		0.5	*NA*		-	ND		0.5
1,4-Dioxane	NE	ND		5	*NA*		-	ND		5	*NA*		-
2,2-Dichloropropane	5	ND		5	*NA*		-	ND		5	*NA*		-
2-Butanone	50	ND		10	ND		0.5	ND		5	ND		0.5
2-Chlorotoluene	5	ND		5	*NA*		-	ND		5	*NA*		-
2-Hexanone	50	*NA*		-	ND		0.5	ND		5	ND		0.5
4-Chlorotoluene	5	ND		5	*NA*		-	ND		5	*NA*		-
4-Methyl-2-pentanone	NE	*NA*		-	ND		0.5	*NA*		-	ND		0.5
Acetone	50	ND		10	ND		2	ND		5	ND		2
Benzene	1	ND		5	ND		0.5	ND		5	ND		0.5
Bromobenzene	5	ND		5	*NA*		-	ND		5	*NA*		-
Bromochloromethane	5	ND		5	ND		0.5	ND		5	ND		0.5
Bromodichloromethane	50	ND		5	ND		0.5	ND		5	ND		0.5
Bromoform	50	ND		5	ND		0.5	ND		5	ND		0.5
Bromomethane	5	ND		5	ND		0.5	*NA*		-	ND		0.5
Carbon disulfide	NE	*NA*		-	ND		0.5	ND		5	ND		0.5
Carbon tetrachloride	5	ND		5	ND		0.5	ND		5	ND		0.5
Chlorobenzene	5	ND		5	ND		0.5	ND		5	ND		0.5
Chloroethane	5	ND		5	ND		0.5	ND		5	ND		0.5
Chloroform	7	ND		5	ND		0.5	ND		5	ND		0.5
Chloromethane	5	ND		5	ND		0.5	ND		5	ND		0.5
cis-1,2-Dichloroethylene	5	ND		5	ND		0.5	ND		5	ND		0.5
cis-1,3-Dichloropropylene	0.4	ND		5	ND		0.5	ND		5	ND		0.5
Cyclohexane	NE	*NA*		-	ND		0.5	*NA*		-	ND		0.5
Dibromochloromethane	5	ND		5	ND		0.5	ND		5	ND		0.5
Dibromomethane	5	ND		5	*NA*		-	ND		5	*NA*		-
Dichlorodifluoromethane	5	ND		5	ND		0.5	ND		5	ND		0.5
Ethyl Benzene	5	ND		5	ND		0.5	ND		5	ND		0.5
Hexachlorobutadiene	0.5	ND		5	ND		0.5	ND		5	ND		0.5
Isopropylbenzene	5	ND		5	*NA*		-	ND		5	*NA*		-
Methyl acetate	NE	*NA*		-	ND		0.5	*NA*		-	ND		0.5
Methyl tert-butyl ether (MTBE)	10	ND		5	ND		0.5	ND		5	ND		0.5
Methylcyclohexane	NE	*NA*		-	ND		0.5	*NA*		-	ND		0.5
Methylene chloride	5	4.8	J,B	10	ND		2	3.6	B,J	10	ND		2
Naphthalene	10	ND		5	*NA*		-	ND		5	*NA*		-
n-Butylbenzene	5	ND		6	*NA*		-	ND		6	*NA*		-
n-Propylbenzene	5	ND		7	*NA*		-	ND		7	*NA*		-
o-Xylene	5	ND		5	ND		0.5	ND		5	ND		0.5
p- & m- Xylenes	5	ND		10	ND		1	ND		10	ND		1
p-Isopropyltoluene	5	ND		5	*NA*		-	ND		5	*NA*		-
sec-Butylbenzene	5	ND		5	*NA*		-	ND		5	*NA*		-
Styrene	5	ND		5	ND		0.5	ND		5	ND		0.5
tert-Butylbenzene	5	ND		5	*NA*		-	ND		5	*NA*		-
Tetrachloroethylene	5	ND		5	ND		0.5	ND		5	ND		0.5
Toluene	5	ND		5	ND		0.5	ND		5	ND		0.5
trans-1,2-Dichloroethylene	5	ND		5	ND		0.5	ND		5	ND		0.5
trans-1,3-Dichloropropylene	0.4	ND		5	ND		0.5	ND		5	ND		0.5
Trichloroethylene	5	ND		5	0.34	J, B	0.5	ND		5	0.27	J, B	0.5
Trichlorofluoromethane	5	ND		5	ND		0.5	ND		5	ND		0.5
Vinyl acetate	NE	ND		5	*NA*		-	ND		5	*NA*		-
Vinyl chloride	2	ND		5	ND		0.5	ND		5	ND		0.5
Xylenes, Total	5	ND		15	ND		1.5	*NA*		-	ND		1.5
Total TICs	NE	ND		-	*NA*		-	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 10: Water - VOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

SB09110 RIR

VOCs (USEPA Method 8260)	Guidance Level	MW-14A (2014-10-09)			MW-17 (2012-04-19)			MW-18 (2012-03-16)			MW-18 (2014-10-08)		
		Result	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
1,1,1,2-Tetrachloroethane	5	*NA*		-	*NA*			110		-	*NA*		-
1,1,1-Trichloroethane	5	ND		0.5	ND		5	ND		5	ND		0.5
1,1,2,2-Tetrachloroethane	5	ND		0.5	ND		5	ND		5	ND		0.5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		0.5	ND		5	ND		5	ND		0.5
1,1,2-Trichloroethane	1	ND		0.5	ND		5	ND		5	ND		0.5
1,1-Dichloroethane	5	ND		0.5	ND		5	ND		5	ND		0.5
1,1-Dichloroethylene	5	ND		0.5	ND		5	ND		5	ND		0.5
1,1-Dichloropropylene	5	*NA*		-	*NA*			110		-	*NA*		-
1,2,3-Trichlorobenzene	5	ND		0.5	ND		10	ND		10	ND		0.5
1,2,3-Trichloropropane	0.04	*NA*		-	*NA*			110		-	*NA*		-
1,2,4-Trichlorobenzene	5	ND		0.5	ND		10	ND		10	ND		0.5
1,2,4-Trimethylbenzene	5	*NA*		-	*NA*			110		-	*NA*		-
1,2-Dibromo-3-chloropropane	0.04	ND		0.5	ND		10	ND		10	ND		0.5
1,2-Dibromoethane	5	ND		0.5	ND		5	ND		5	ND		0.5
1,2-Dichlorobenzene	3	ND		0.5	ND		5	ND		5	ND		0.5
1,2-Dichloroethane	0.6	ND		0.5	ND		5	ND		5	ND		0.5
1,2-Dichloropropane	1	ND		0.5	ND		5	ND		5	ND		0.5
1,3,5-Trimethylbenzene	5	*NA*		-	*NA*			110		-	*NA*		-
1,3-Dichlorobenzene	3	ND		0.5	ND		5	ND		5	ND		0.5
1,3-Dichloropropane	5	*NA*		-	*NA*			110		-	*NA*		-
1,4-Dichlorobenzene	3	ND		0.5	ND		5	ND		5	ND		0.5
1,4-Dioxane	NE	*NA*		-	*NA*			110		-	*NA*		-
2,2-Dichloropropane	5	*NA*		-	*NA*			110		-	*NA*		-
2-Butanone	50	ND		0.5	ND		10	ND		10	ND		0.5
2-Chlorotoluene	5	*NA*		-	*NA*			110		-	*NA*		-
2-Hexanone	50	ND		0.5	*NA*		-	*NA*		-	ND		0.5
4-Chlorotoluene	5	*NA*		-	*NA*			110		-	*NA*		-
4-Methyl-2-pentanone	NE	ND		0.5	*NA*		-	*NA*		-	ND		0.5
Acetone	50	ND		2	ND		10	ND		10	ND		2
Benzene	1	ND		0.5	ND		5	ND		5	0.94		0.5
Bromobenzene	5	*NA*		-	*NA*			110		-	*NA*		-
Bromochloromethane	5	ND		0.5	ND		5	ND		5	ND		0.5
Bromodichloromethane	50	ND		0.5	ND		5	ND		5	ND		0.5
Bromoform	50	ND		0.5	ND		5	ND		5	ND		0.5
Bromomethane	5	ND		0.5	ND		5	ND		5	ND		0.5
Carbon disulfide	NE	ND		0.5	*NA*		-	*NA*		-	ND		0.5
Carbon tetrachloride	5	ND		0.5	ND		5	ND		5	ND		0.5
Chlorobenzene	5	ND		0.5	ND		5	ND		5	0.8		0.5
Chloroethane	5	ND		0.5	ND		5	ND		5	ND		0.5
Chloroform	7	ND		0.5	ND		5	ND		5	ND		0.5
Chloromethane	5	ND		0.5	ND		5	ND		5	ND		0.5
cis-1,2-Dichloroethylene	5	ND		0.5	2.5	J	5	1.5	J	5	4.5		0.5
cis-1,3-Dichloropropylene	0.4	ND		0.5	ND		5	ND		5	ND		0.5
Cyclohexane	NE	ND		0.5	*NA*		-	*NA*		-	ND		0.5
Dibromochloromethane	5	ND		0.5	ND		5	ND		5	ND		0.5
Dibromomethane	5	*NA*		-	*NA*			110		-	*NA*		-
Dichlorodifluoromethane	5	ND		0.5	ND		5	ND		5	ND		0.5
Ethyl Benzene	5	ND		0.5	ND		5	ND		5	ND		0.5
Hexachlorobutadiene	0.5	ND		0.5	ND		5	ND		5	0.29	J	0.5
Isopropylbenzene	5	*NA*		-	*NA*			110		-	*NA*		-
Methyl acetate	NE	ND		0.5	*NA*		-	*NA*		-	ND		0.5
Methyl tert-butyl ether (MTBE)	10	ND		0.5	ND		5	0.81	J	5	1.2		0.5
Methylcyclohexane	NE	ND		0.5	*NA*		-	*NA*		-	ND		0.5
Methylene chloride	5	ND		2	**5.3**	J,B	10	**5.8**	J,B	10	ND		2
Naphthalene	10	*NA*		-	*NA*			110		-	*NA*		-
n-Butylbenzene	5	*NA*		-	*NA*			110		-	*NA*		-
n-Propylbenzene	5	*NA*		-	*NA*			110		-	*NA*		-
o-Xylene	5	ND		0.5	ND		5	ND		5	ND		0.5
p- & m- Xylenes	5	ND		1	ND		10	ND		10	ND		1
p-Isopropyltoluene	5	*NA*		-	*NA*			110		-	*NA*		-
sec-Butylbenzene	5	*NA*		-	*NA*			110		-	*NA*		-
Styrene	5	ND		0.5	ND		5	ND		5	ND		0.5
tert-Butylbenzene	5	*NA*		-	*NA*			110		-	*NA*		-
Tetrachloroethylene	5	ND		0.5	ND		5	ND		5	ND		0.5
Toluene	5	ND		0.5	ND		5	ND		5	ND		0.5
trans-1,2-Dichloroethylene	5	ND		0.5	ND		5	ND		5	ND		0.5
trans-1,3-Dichloropropylene	0.4	ND		0.5	ND		5	ND		5	ND		0.5
Trichloroethylene	5	0.24	J, B	0.5	**7**		5	3	J	5	**16**	B	0.5
Trichlorofluoromethane	5	ND		0.5	ND		5	ND		5	ND		0.5
Vinyl acetate	NE	*NA*		-	*NA*			110		-	*NA*		-
Vinyl chloride	2	ND		0.5	ND		5	ND		5	0.41	J	0.5
Xylenes, Total	5	ND		1.5	ND		15	ND		15	ND		1.5
Total TICs	NE	*NA*		-	*NA*			110		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 10: Water - VOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

SB09110 RIR

VOCs (USEPA Method 8260)	Guidance Level	MW-19 (2012-04-19) Result	Flag	RL	MW-21 (2014-04-03) Result	Flag	RL	MW-22 (2012-03-16) Result	Flag	RL	MW-22 (2014-10-09) Result	Flag	RL
1,1,1,2-Tetrachloroethane	5	ND		5	*NA*		-	ND		5	*NA*		-
1,1,1-Trichloroethane	5	ND		5	ND		0.5	ND		5	ND		0.5
1,1,2,2-Tetrachloroethane	5	ND		5	ND		0.5	ND		5	ND		0.5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		5	ND		0.5	ND		5	ND		0.5
1,1,2-Trichloroethane	1	ND		5	ND		0.5	ND		5	ND		0.5
1,1-Dichloroethane	5	ND		5	ND		0.5	ND		5	ND		0.5
1,1-Dichloroethylene	5	ND		5	ND		0.5	ND		5	ND		0.5
1,1-Dichloropropylene	5	ND		5	*NA*		-	ND		5	*NA*		-
1,2,3-Trichlorobenzene	5	ND		10	ND		0.5	ND		10	ND		0.5
1,2,3-Trichloropropane	0.04	ND		5	*NA*		-	ND		5	*NA*		-
1,2,4-Trichlorobenzene	5	ND		10	ND		0.5	ND		10	ND		0.5
1,2,4-Trimethylbenzene	5	ND		5	*NA*		-	ND		5	*NA*		-
1,2-Dibromo-3-chloropropane	0.04	ND		10	ND		0.5	ND		10	ND		0.5
1,2-Dibromoethane	5	ND		5	ND		0.5	ND		5	ND		0.5
1,2-Dichlorobenzene	3	ND		5	ND		0.5	ND		5	ND		0.5
1,2-Dichloroethane	0.6	ND		5	ND		0.5	ND		5	ND		0.5
1,2-Dichloropropane	1	ND		5	ND		0.5	ND		5	ND		0.5
1,3,5-Trimethylbenzene	5	ND		5	*NA*		-	ND		5	*NA*		-
1,3-Dichlorobenzene	3	ND		5	ND		0.5	ND		5	0.32	J	0.5
1,3-Dichloropropane	5	ND		5	*NA*		-	ND		5	*NA*		-
1,4-Dichlorobenzene	3	ND		5	ND		0.5	ND		5	ND		0.5
1,4-Dioxane	NE	ND		5	*NA*		-	ND		5	*NA*		-
2,2-Dichloropropane	5	ND		5	*NA*		-	ND		5	*NA*		-
2-Butanone	50	ND		10	12	E	0.5	ND		10	ND		0.5
2-Chlorotoluene	5	ND		5	*NA*		-	ND		5	*NA*		-
2-Hexanone	50	*NA*		-	ND		0.5	*NA*		-	ND		0.5
4-Chlorotoluene	5	ND		5	*NA*		-	ND		5	*NA*		-
4-Methyl-2-pentanone	NE	*NA*		-	3.5		0.5	*NA*		-	ND		0.5
Acetone	50	ND		10	9.9		2	3.1	J,B	10	ND		2
Benzene	1	ND		5	ND		0.5	ND		5	ND		0.5
Bromobenzene	5	ND		5	*NA*		-	ND		5	*NA*		-
Bromochloromethane	5	ND		5	ND		0.5	ND		5	ND		0.5
Bromodichloromethane	50	ND		5	ND		0.5	ND		5	ND		0.5
Bromoform	50	ND		5	ND		0.5	ND		5	ND		0.5
Bromomethane	5	ND		5	ND		0.5	ND		5	ND		0.5
Carbon disulfide	NE	*NA*		-	ND		0.5	*NA*		-	ND		0.5
Carbon tetrachloride	5	ND		5	ND		0.5	ND		5	ND		0.5
Chlorobenzene	5	ND		5	ND		0.5	ND		5	ND		0.5
Chloroethane	5	ND		5	ND		0.5	ND		5	ND		0.5
Chloroform	7	ND		5	ND		0.5	ND		5	ND		0.5
Chloromethane	5	ND		5	ND		0.5	ND		5	ND		0.5
cis-1,2-Dichloroethylene	5	1.8	J	5	1.2		0.5	ND		5	ND		0.5
cis-1,3-Dichloropropylene	0.4	ND		5	ND		0.5	ND		5	ND		0.5
Cyclohexane	NE	*NA*		-	ND		0.5	*NA*		-	ND		0.5
Dibromochloromethane	5	ND		5	ND		0.5	ND		5	ND		0.5
Dibromomethane	5	ND		5	*NA*		-	ND		5	*NA*		-
Dichlorodifluoromethane	5	ND		5	ND		0.5	ND		5	ND		0.5
Ethyl Benzene	5	1.4	J	5	ND		0.5	ND		5	ND		0.5
Hexachlorobutadiene	0.5	ND		5	*NA*		-	ND		5	ND		0.5
Isopropylbenzene	5	ND		5	ND		0.5	ND		5	*NA*		-
Methyl acetate	NE	*NA*		-	ND		0.5	*NA*		-	ND		0.5
Methyl tert-butyl ether (MTBE)	10	ND		5	0.33	J	0.5	ND		5	ND		0.5
Methylcyclohexane	NE	*NA*		-	ND		0.5	*NA*		-	ND		0.5
Methylene chloride	5	**5.8**	J,B	10	**12**	B	2	**5.9**	J,B	10	ND		2
Naphthalene	10	ND		5	*NA*		-	ND		5	*NA*		-
n-Butylbenzene	5	ND		6	*NA*		-	ND		6	*NA*		-
n-Propylbenzene	5	ND		7	*NA*		-	ND		7	*NA*		-
o-Xylene	5	0.92	J	5	ND		0.5	ND		5	ND		0.5
p- & m- Xylenes	5	ND		10	ND		1	ND		10	ND		1
p-Isopropyltoluene	5	ND		5	*NA*		-	ND		5	*NA*		-
sec-Butylbenzene	5	ND		5	*NA*		-	ND		5	*NA*		-
Styrene	5	ND		5	ND		0.5	ND		5	ND		0.5
tert-Butylbenzene	5	ND		5	*NA*		-	ND		5	*NA*		-
Tetrachloroethylene	5	ND		5	ND		0.5	ND		5	ND		0.5
Toluene	5	ND		5	0.54		0.5	ND		5	ND		0.5
trans-1,2-Dichloroethylene	5	ND		5	ND		0.5	ND		5	ND		0.5
trans-1,3-Dichloropropylene	0.4	ND		5	ND		0.5	ND		5	ND		0.5
Trichloroethylene	5	1.5	J	5	ND		0.5	ND		5	ND		0.5
Trichlorofluoromethane	5	ND		5	ND		0.5	ND		5	ND		0.5
Vinyl acetate	NE	ND		5	*NA*		-	ND		5	*NA*		-
Vinyl chloride	2	ND		5	1.6		0.5	ND		5	ND		0.5
Xylenes, Total	5	ND		15	ND		1.5	ND		15	ND		1.5
Total TICs	NE	*NA*			6,624			69		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 10: Water - VOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

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VOCs (USEPA Method 8260)	Guidance Level	MW-23 (2012-09-24)			MW-24 (2012-09-24)			MW-27 (2012-09-28)			MW-28 (2013-08-16)		
		Result	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
1,1,1,2-Tetrachloroethane	5	ND		5	ND		5	ND		5	ND		5
1,1,1-Trichloroethane	5	ND		5	ND		5	ND		5	ND		5
1,1,2,2-Tetrachloroethane	5	ND		5	ND		5	ND		5	ND		5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		5	ND		5	ND		5	ND		5
1,1,2-Trichloroethane	1	ND		5	ND		5	ND		5	ND		5
1,1-Dichloroethane	5	ND		5	ND		5	ND		5	ND		5
1,1-Dichloroethylene	5	ND		5	ND		5	ND		5	ND		5
1,1-Dichloropropylene	5	ND		5	ND		5	ND		5	ND		5
1,2,3-Trichlorobenzene	5	ND		10	ND		10	ND		10	ND		5
1,2,3-Trichloropropane	0.04	ND		5	ND		5	ND		5	ND		5
1,2,4-Trichlorobenzene	5	ND		10	ND		10	ND		10	ND		5
1,2,4-Trimethylbenzene	5	ND		5	ND		5	ND		5	ND		5
1,2-Dibromo-3-chloropropane	0.04	ND		10	ND		10	ND		10	ND		5
1,2-Dibromoethane	5	ND		5	ND		5	ND		5	ND		5
1,2-Dichlorobenzene	3	ND		5	ND		5	ND		5	ND		5
1,2-Dichloroethane	0.6	ND		5	ND		5	ND		5	ND		5
1,2-Dichloropropane	1	ND		5	ND		5	ND		5	ND		5
1,3,5-Trimethylbenzene	5	ND		5	ND		5	ND		5	ND		5
1,3-Dichlorobenzene	3	ND		5	ND		5	ND		5	ND		5
1,3-Dichloropropane	5	ND		5	ND		5	ND		5	ND		5
1,4-Dichlorobenzene	3	ND		5	ND		5	ND		5	ND		5
1,4-Dioxane	NE	ND		5	ND		5	ND		5	ND		5
2,2-Dichloropropane	5	ND		5	ND		5	ND		5	ND		5
2-Butanone	50	ND		10	ND		10	ND		10	ND		5
2-Chlorotoluene	5	ND		5	ND		5	ND		5	ND		5
2-Hexanone	50	*NA*		-	*NA*		-	*NA*		-	*NA*		-
4-Chlorotoluene	5	ND		5	ND		5	ND		5	ND		5
4-Methyl-2-pentanone	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Acetone	50	ND		10	ND		10	ND		10	ND		5
Benzene	1	ND		5	ND		5	ND		5	ND		5
Bromobenzene	5	ND		5	ND		5	ND		5	ND		5
Bromochloromethane	5	ND		5	ND		5	ND		5	ND		5
Bromodichloromethane	50	ND		5	ND		5	ND		5	ND		5
Bromoform	50	ND		5	ND		5	ND		5	ND		5
Bromomethane	5	ND		5	ND		5	ND		5	ND		5
Carbon disulfide	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Carbon tetrachloride	5	ND		5	ND		5	ND		5	ND		5
Chlorobenzene	5	ND		5	ND		5	ND		5	ND		5
Chloroethane	5	ND		5	ND		5	ND		5	ND		5
Chloroform	7	ND		5	ND		5	1	J	5	ND		5
Chloromethane	5	ND		5	ND		5	ND		5	ND		5
cis-1,2-Dichloroethylene	5	ND		5	ND		5	ND		5	ND		5
cis-1,3-Dichloropropylene	0.4	ND		5	ND		5	ND		5	ND		5
Cyclohexane	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Dibromochloromethane	5	ND		5	ND		5	ND		5	ND		5
Dibromomethane	5	ND		5	ND		5	ND		5	ND		5
Dichlorodifluoromethane	5	ND		5	ND		5	ND		5	ND		5
Ethyl Benzene	5	ND		5	ND		5	ND		5	ND		5
Hexachlorobutadiene	0.5	ND		5	ND		5	ND		5	ND		5
Isopropylbenzene	5	ND		5	ND		5	ND		5	ND		5
Methyl acetate	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Methyl tert-butyl ether (MTBE)	10	ND		5	ND		5	ND		5	ND		5
Methylcyclohexane	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Methylene chloride	5	ND		10	ND		10	ND		10	ND		5
Naphthalene	10	ND		5	ND		5	ND		5	ND		5
n-Butylbenzene	5	ND		6	ND		6	ND		6	ND		6
n-Propylbenzene	5	ND		7	ND		7	ND		7	ND		7
o-Xylene	5	ND		5	ND		5	ND		5	ND		5
p- & m- Xylenes	5	ND		10	ND		10	ND		10	ND		10
p-Isopropyltoluene	5	ND		5	ND		5	ND		5	ND		5
sec-Butylbenzene	5	ND		5	ND		5	ND		5	ND		5
Styrene	5	ND		5	ND		5	ND		5	ND		5
tert-Butylbenzene	5	ND		5	ND		5	ND		5	ND		5
Tetrachloroethylene	5	ND		5	ND		5	ND		5	ND		5
Toluene	5	ND		5	ND		5	ND		5	ND		5
trans-1,2-Dichloroethylene	5	ND		5	ND		5	ND		5	ND		5
trans-1,3-Dichloropropylene	0.4	ND		5	ND		5	ND		5	ND		5
Trichloroethylene	5	ND		5	ND		5	ND		5	ND		5
Trichlorofluoromethane	5	ND		5	ND		5	ND		5	ND		5
Vinyl acetate	NE	ND		5	ND		5	ND		5	ND		5
Vinyl chloride	2	ND		5	ND		5	ND		5	ND		5
Xylenes, Total	5	ND		15	ND		15	ND		15	ND		15
Total TICs	NE	5.6		-	ND		-	ND		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 10: Water - VOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

SB09110 RIR

VOCs (USEPA Method 8260)	Guidance Level	MW-29 (2013-08-16)			MW-30 (2013-08-16)			MW-31 (2013-08-16)			MW-32 (2013-08-16)		
		Result	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
1,1,1,2-Tetrachloroethane	5	ND		5	ND		5	ND		5	ND		5
1,1,1-Trichloroethane	5	ND		5	ND		5	ND		5	ND		5
1,1,2,2-Tetrachloroethane	5	ND		5	ND		5	ND		5	ND		5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		5	ND		5	ND		5	ND		5
1,1,2-Trichloroethane	1	ND		5	ND		5	ND		5	ND		5
1,1-Dichloroethane	5	ND		5	ND		5	ND		5	ND		5
1,1-Dichloroethylene	5	ND		5	ND		5	ND		5	ND		5
1,1-Dichloropropylene	5	ND		5	ND		5	ND		5	ND		5
1,2,3-Trichlorobenzene	5	ND		5	ND		5	ND		5	ND		5
1,2,3-Trichloropropane	0.04	ND		5	ND		5	ND		5	ND		5
1,2,4-Trichlorobenzene	5	ND		5	ND		5	ND		5	ND		5
1,2,4-Trimethylbenzene	5	ND		5	ND		5	ND		5	ND		5
1,2-Dibromo-3-chloropropane	0.04	ND		5	ND		5	ND		5	ND		5
1,2-Dibromoethane	5	ND		5	ND		5	ND		5	ND		5
1,2-Dichlorobenzene	3	ND		5	ND		5	ND		5	ND		5
1,2-Dichloroethane	0.6	ND		5	ND		5	ND		5	ND		5
1,2-Dichloropropane	1	ND		5	ND		5	ND		5	ND		5
1,3,5-Trimethylbenzene	5	ND		5	ND		5	ND		5	ND		5
1,3-Dichlorobenzene	3	ND		5	ND		5	ND		5	ND		5
1,3-Dichloropropane	5	ND		5	ND		5	ND		5	ND		5
1,4-Dichlorobenzene	3	ND		5	ND		5	ND		5	ND		5
1,4-Dioxane	NE	ND		5	ND		5	ND		5	ND		5
2,2-Dichloropropane	5	ND		5	ND		5	ND		5	ND		5
2-Butanone	50	ND		5	ND		5	ND		5	ND		5
2-Chlorotoluene	5	ND		5	ND		5	ND		5	ND		5
2-Hexanone	50	*NA*		-	*NA*		-	*NA*		-	*NA*		-
4-Chlorotoluene	5	ND		5	ND		5	ND		5	ND		5
4-Methyl-2-pentanone	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Acetone	50	ND		5	ND		5	ND		5	4.8	J,B	5
Benzene	1	ND		5	ND		5	ND		5	ND		5
Bromobenzene	5	ND		5	ND		5	ND		5	ND		5
Bromochloromethane	5	ND		5	ND		5	ND		5	ND		5
Bromodichloromethane	50	ND		5	ND		5	ND		5	ND		5
Bromoform	50	ND		5	ND		5	ND		5	ND		5
Bromomethane	5	ND		5	ND		5	ND		5	ND		5
Carbon disulfide	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Carbon tetrachloride	5	ND		5	ND		5	ND		5	ND		5
Chlorobenzene	5	ND		5	ND		5	ND		5	ND		5
Chloroethane	5	ND		5	ND		5	ND		5	ND		5
Chloroform	7	ND		5	5.4		5	ND		5	ND		5
Chloromethane	5	ND		5	ND		5	ND		5	ND		5
cis-1,2-Dichloroethylene	5	ND		5	ND		5	ND		5	**25**		5
cis-1,3-Dichloropropylene	0.4	ND		5	ND		5	ND		5	ND		5
Cyclohexane	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Dibromochloromethane	5	ND		5	ND		5	ND		5	ND		5
Dibromomethane	5	ND		5	ND		5	ND		5	ND		5
Dichlorodifluoromethane	5	ND		5	ND		5	ND		5	ND		5
Ethyl Benzene	5	ND		5	ND		5	ND		5	ND		5
Hexachlorobutadiene	0.5	ND		5	ND		5	ND		5	ND		5
Isopropylbenzene	5	ND		5	ND		5	ND		5	ND		5
Methyl acetate	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Methyl tert-butyl ether (MTBE)	10	6.3		5	ND		5	ND		5	ND		5
Methylcyclohexane	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Methylene chloride	5	ND		5	ND		5	ND		5	ND		5
Naphthalene	10	ND		5	ND		5	ND		5	ND		5
n-Butylbenzene	5	ND		6	ND		6	ND		6	ND		6
n-Propylbenzene	5	ND		7	ND		7	ND		7	ND		7
o-Xylene	5	ND		5	ND		5	ND		5	ND		5
p- & m- Xylenes	5	ND		10	ND		10	ND		10	ND		10
p-Isopropyltoluene	5	ND		5	ND		5	ND		5	ND		5
sec-Butylbenzene	5	ND		5	ND		5	ND		5	ND		5
Styrene	5	ND		5	ND		5	ND		5	ND		5
tert-Butylbenzene	5	ND		5	ND		5	ND		5	ND		5
Tetrachloroethylene	5	ND		5	ND		5	ND		5	ND		5
Toluene	5	ND		5	ND		5	ND		5	ND		5
trans-1,2-Dichloroethylene	5	ND		5	ND		5	ND		5	ND		5
trans-1,3-Dichloropropylene	0.4	ND		5	ND		5	ND		5	ND		5
Trichloroethylene	5	**13**		5	ND		5	ND		5	**15**		5
Trichlorofluoromethane	5	ND		5	ND		5	ND		5	ND		5
Vinyl acetate	NE	ND		5	ND		5	ND		5	ND		5
Vinyl chloride	2	ND		5	ND		5	ND		5	**3.1**	J	5
Xylenes, Total	5	ND		15	ND		15	ND		15	ND		15
Total TICs	NE	ND		-	ND		-	ND		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 10: Water - VOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

SB09110 RIR

VOCs (USEPA Method 8260)	Guidance Level	MW-34 (2013-08-16) Result	Flag	RL	MW-34 (2013-11-25) Result	Flag	RL	MW-34 (2014-10-08) Result	Flag	RL	MW-35 (2013-08-16) Result	Flag	RL
1,1,1,2-Tetrachloroethane	5	ND		5	ND		120	*NA*		-	ND		5
1,1,1-Trichloroethane	5	ND		5	ND		120	ND		50	ND		5
1,1,2,2-Tetrachloroethane	5	ND		5	*NA*		-	ND		50	ND		5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		5	ND		120	ND		50	ND		5
1,1,2-Trichloroethane	1	ND		5	ND		120	ND		50	ND		5
1,1-Dichloroethane	5	ND		5	ND		120	ND		50	ND		5
1,1-Dichloroethylene	5	3.9	J	5	ND		120	ND		50	ND		5
1,1-Dichloropropylene	5	ND		5	ND		120	*NA*		-	ND		5
1,2,3-Trichlorobenzene	5	ND		5	*NA*		-	ND		50	ND		5
1,2,3-Trichloropropane	0.04	ND		5	ND		120	*NA*		-	ND		5
1,2,4-Trichlorobenzene	5	ND		5	*NA*		250	ND		50	ND		5
1,2,4-Trimethylbenzene	5	ND		5	ND		120	*NA*		-	ND		5
1,2-Dibromo-3-chloropropane	0.04	ND		5	ND		250	ND		50	ND		5
1,2-Dibromoethane	5	ND		5	ND		120	ND		50	ND		5
1,2-Dichlorobenzene	3	ND		5	*NA*		-	ND		50	ND		5
1,2-Dichloroethane	0.6	ND		5	ND		120	ND		50	ND		5
1,2-Dichloropropane	1	ND		5	ND		120	ND		50	ND		5
1,3,5-Trimethylbenzene	5	ND		5	ND		120	*NA*		-	ND		5
1,3-Dichlorobenzene	3	ND		5	*NA*		-	ND		50	ND		5
1,3-Dichloropropane	5	ND		5	ND		120	*NA*		-	ND		5
1,4-Dichlorobenzene	3	ND		5	*NA*		-	ND		50	ND		5
1,4-Dioxane	NE	ND		5	ND		120	*NA*		-	ND		5
2,2-Dichloropropane	5	ND		5	ND		120	*NA*		-	ND		5
2-Butanone	50	ND		5	ND		250	ND		50	ND		5
2-Chlorotoluene	5	ND		5	ND		120	*NA*		-	ND		5
2-Hexanone	50	*NA*		-	ND		120	ND		50	*NA*		-
4-Chlorotoluene	5	ND		5	ND		120	*NA*		-	ND		5
4-Methyl-2-pentanone	NE	*NA*		-	ND		250	ND		50	*NA*		-
Acetone	50	ND		5	ND		250	ND		200	13		5
Benzene	1	ND		5	ND		120	ND		50	ND		5
Bromobenzene	5	ND		5	ND		120	*NA*		-	ND		5
Bromochloromethane	5	ND		5	*NA*		-	ND		50	ND		5
Bromodichloromethane	50	ND		5	ND		120	ND		50	ND		5
Bromoform	50	ND		5	ND		120	ND		50	ND		5
Bromomethane	5	ND		5	ND		120	ND		50	ND		5
Carbon disulfide	NE	*NA*		-	ND		120	ND		50	*NA*		-
Carbon tetrachloride	5	ND		5	ND		120	ND		50	ND		5
Chlorobenzene	5	ND		5	ND		120	ND		50	ND		5
Chloroethane	5	ND		5	ND		120	ND		50	ND		5
Chloroform	7	ND		5	ND		120	ND		50	ND		5
Chloromethane	5	ND		5	ND		120	ND		50	ND		5
cis-1,2-Dichloroethylene	5	**740**		120	**590**		120	**670**		50	**61**		5
cis-1,3-Dichloropropylene	0.4	ND		5	ND		120	ND		50	ND		5
Cyclohexane	NE	*NA*		-	*NA*		-	ND		50	*NA*		-
Dibromochloromethane	5	ND		5	ND		120	ND		50	ND		5
Dibromomethane	5	ND		5	ND		120	*NA*		-	ND		5
Dichlorodifluoromethane	5	ND		5	ND		120	ND		50	ND		5
Ethyl Benzene	5	ND		5	ND		120	ND		50	ND		5
Hexachlorobutadiene	0.5	ND		5	ND		120	ND		50	ND		5
Isopropylbenzene	5	ND		5	ND		120	*NA*		-	ND		5
Methyl acetate	NE	*NA*		-	*NA*		-	ND		50	*NA*		-
Methyl tert-butyl ether (MTBE)	10	ND		5	ND		120	ND		50	ND		5
Methylcyclohexane	NE	*NA*		-	*NA*		-	ND		50	*NA*		-
Methylene chloride	5	ND		5	ND		250	ND		200	ND		5
Naphthalene	10	ND		5	ND		120	*NA*		-	ND		5
n-Butylbenzene	5	ND		6	ND		121	*NA*		-	ND		6
n-Propylbenzene	5	ND		7	ND		122	*NA*		-	ND		7
o-Xylene	5	ND		5	ND		120	ND		50	ND		5
p- & m- Xylenes	5	ND		10	ND		250	ND		100	ND		10
p-Isopropyltoluene	5	ND		5	ND		120	*NA*		-	ND		5
sec-Butylbenzene	5	ND		5	ND		120	*NA*		-	ND		5
Styrene	5	ND		5	ND		120	ND		50	ND		5
tert-Butylbenzene	5	ND		5	ND		120	*NA*		-	ND		5
Tetrachloroethylene	5	2.7	J	5	ND		120	ND		50	ND		5
Toluene	5	ND		5	ND		120	ND		50	ND		5
trans-1,2-Dichloroethylene	5	ND		5	ND		120	ND		50	ND		5
trans-1,3-Dichloropropylene	0.4	ND		5	ND		120	ND		50	ND		5
Trichloroethylene	5	**2,600**		120	**2,300**		120	**3,000**		50	**160**		5
Trichlorofluoromethane	5	ND		5	ND		120	ND		50	ND		5
Vinyl acetate	NE	ND		5	ND		120	*NA*		-	ND		5
Vinyl chloride	2	**12**		5	ND		120	ND		50	**2.9**	J	5
Xylenes, Total	5	ND		15	ND		380	ND		150	ND		15
Total TICs	NE	ND		-	ND		-	*NA*		-	6.7		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 10: Water - VOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

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VOCs (USEPA Method 8260)	Guidance Level	MW-36 (2014-12-23)			MW-36A (2014-12-23)			MW-37 (2014-12-23)			MW-38 (2014-10-08)		
		Result	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
1,1,1,2-Tetrachloroethane	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,1,1-Trichloroethane	5	ND		2.5	ND		2.5	ND		2.5	ND		1
1,1,2,2-Tetrachloroethane	5	ND		2.5	ND		2.5	ND		2.5	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		2.5	ND		2.5	ND		2.5	ND		1
1,1,2-Trichloroethane	1	ND		2.5	ND		2.5	ND		2.5	ND		1
1,1-Dichloroethane	5	ND		2.5	ND		2.5	ND		2.5	ND		1
1,1-Dichloroethylene	5	ND		2.5	ND		2.5	ND		2.5	ND		1
1,1-Dichloropropylene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichlorobenzene	5	*NA*		-	*NA*		-	*NA*		-	ND		1
1,2,3-Trichloropropane	0.04	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,2,4-Trichlorobenzene	5	ND		2.5	ND		2.5	ND		2.5	ND		1
1,2,4-Trimethylbenzene	5	ND		2.5	ND		2.5	ND		2.5	*NA*		-
1,2-Dibromo-3-chloropropane	0.04	ND		2.5	ND		2.5	ND		2.5	ND		1
1,2-Dibromoethane	5	ND		2.5	ND		2.5	ND		2.5	ND		1
1,2-Dichlorobenzene	3	*NA*		-	*NA*		-	*NA*		-	ND		1
1,2-Dichloroethane	0.6	ND		2.5	ND		2.5	ND		2.5	ND		1
1,2-Dichloropropane	1	ND		2.5	ND		2.5	ND		2.5	ND		1
1,3,5-Trimethylbenzene	5	ND		2.5	ND		2.5	ND		2.5	*NA*		-
1,3-Dichlorobenzene	3	*NA*		-	*NA*		-	*NA*		-	ND		1
1,3-Dichloropropane	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,4-Dichlorobenzene	3	*NA*		-	*NA*		-	*NA*		-	ND		1
1,4-Dioxane	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
2,2-Dichloropropane	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
2-Butanone	50	ND		2.5	ND		2.5	ND		2.5	ND		1
2-Chlorotoluene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
2-Hexanone	50	ND		2.5	ND		2.5	ND		2.5	ND		1
4-Chlorotoluene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
4-Methyl-2-pentanone	NE	ND		2.5	ND		2.5	ND		2.5	ND		1
Acetone	50	ND		5	ND		5	ND		5	ND		4
Benzene	1	ND		2.5	ND		2.5	ND		2.5	ND		1
Bromobenzene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Bromochloromethane	5	ND		2.5	ND		2.5	ND		2.5	ND		1
Bromodichloromethane	50	*NA*		-	*NA*		-	*NA*		-	ND		1
Bromoform	50	ND		2.5	ND		2.5	ND		2.5	ND		1
Bromomethane	5	ND		2.5	ND		2.5	ND		2.5	ND		1
Carbon disulfide	NE	ND		2.5	ND		2.5	ND		2.5	ND		1
Carbon tetrachloride	5	ND		2.5	ND		2.5	ND		2.5	ND		1
Chlorobenzene	5	ND		2.5	ND		2.5	ND		2.5	ND		1
Chloroethane	5	ND		2.5	ND		2.5	ND		2.5	ND		1
Chloroform	7	ND		2.5	ND		2.5	ND		2.5	ND		1
Chloromethane	5	ND		2.5	ND		2.5	ND		2.5	ND		1
cis-1,2-Dichloroethylene	5	ND		2.5	ND		2.5	ND		2.5	3.5		1
cis-1,3-Dichloropropylene	0.4	ND		2.5	ND		2.5	ND		2.5	ND		1
Cyclohexane	NE	*NA*		-	*NA*		-	*NA*		-	ND		1
Dibromochloromethane	5	ND		2.5	ND		2.5	ND		2.5	ND		1
Dibromomethane	5	ND		2.5	ND		2.5	ND		2.5	*NA*		-
Dichlorodifluoromethane	5	ND		2.5	ND		2.5	ND		2.5	ND		1
Ethyl Benzene	5	ND		2.5	ND		2.5	ND		2.5	ND		1
Hexachlorobutadiene	0.5	*NA*		-	*NA*		-	*NA*		-	ND		1
Isopropylbenzene	5	ND		2.5	ND		2.5	ND		2.5	*NA*		-
Methyl acetate	NE	*NA*		-	*NA*		-	*NA*		-	ND		1
Methyl tert-butyl ether (MTBE)	10	ND		2.5	ND		2.5	ND		2.5	ND		1
Methylcyclohexane	NE	ND		2.5	ND		2.5	ND		2.5	ND		1
Methylene chloride	5	ND		2.5	ND		2.5	ND		2.5	ND		4
Naphthalene	10	ND		2.5	ND		2.5	ND		2.5	*NA*		-
n-Butylbenzene	5	ND		2.5	ND		2.5	ND		2.5	*NA*		-
n-Propylbenzene	5	ND		2.5	ND		2.5	ND		2.5	*NA*		-
o-Xylene	5	ND		2.5	ND		2.5	ND		2.5	ND		1
p- & m- Xylenes	5	ND		5	ND		5	ND		5	ND		2
p-Isopropyltoluene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
sec-Butylbenzene	5	ND		2.5	ND		2.5	ND		2.5	*NA*		-
Styrene	5	ND		2.5	ND		2.5	ND		2.5	ND		1
tert-Butylbenzene	5	ND		2.5	ND		2.5	ND		2.5	*NA*		-
Tetrachloroethylene	5	ND		2.5	ND		2.5	ND		2.5	ND		1
Toluene	5	ND		2.5	ND		2.5	ND		2.5	ND		1
trans-1,2-Dichloroethylene	5	ND		2.5	ND		2.5	ND		2.5	ND		1
trans-1,3-Dichloropropylene	0.4	ND		2.5	ND		2.5	ND		2.5	ND		1
Trichloroethylene	5	ND		2.5	ND		2.5	ND		2.5	**47**	B	1
Trichlorofluoromethane	5	ND		2.5	ND		2.5	ND		2.5	ND		1
Vinyl acetate	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Vinyl chloride	2	ND		2.5	ND		2.5	ND		2.5	ND		1
Xylenes, Total	5	ND		7.5	ND		7.5	ND		7.5	ND		3
Total TICs	NE	ND		-	ND		-	ND		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 10: Water - VOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

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VOCs (USEPA Method 8260)	Guidance Level	MW-39 (2014-10-08) Result	Flag	RL	MW-40 (2014-10-08) Result	Flag	RL	MW-41 (2014-12-23)			MW-42 (2014-12-23)		
1,1,1,2-Tetrachloroethane	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,1,1-Trichloroethane	5	ND		5	ND		50	ND		2.5	ND		2.5
1,1,2,2-Tetrachloroethane	5	ND		5	ND		50	ND		2.5	ND		2.5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		5	ND		50	ND		2.5	ND		2.5
1,1,2-Trichloroethane	1	ND		5	ND		50	ND		2.5	ND		2.5
1,1-Dichloroethane	5	ND		5	ND		50	ND		2.5	ND		2.5
1,1-Dichloroethylene	5	ND		5	ND		50	ND		2.5	ND		2.5
1,1-Dichloropropylene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichlorobenzene	5	ND		5	ND		50	*NA*		-	*NA*		-
1,2,3-Trichloropropane	0.04	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,2,4-Trichlorobenzene	5	ND		5	ND		50	ND		2.5	ND		2.5
1,2,4-Trimethylbenzene	5	*NA*		-	*NA*		-	ND		2.5	ND		2.5
1,2-Dibromo-3-chloropropane	0.04	ND		5	ND		50	ND		2.5	ND		2.5
1,2-Dibromoethane	5	ND		5	ND		50	ND		2.5	ND		2.5
1,2-Dichlorobenzene	3	ND		5	ND		50	*NA*		-	*NA*		-
1,2-Dichloroethane	0.6	ND		5	ND		50	ND		2.5	ND		2.5
1,2-Dichloropropane	1	ND		5	ND		50	ND		2.5	ND		2.5
1,3,5-Trimethylbenzene	5	*NA*		-	*NA*		-	ND		2.5	ND		2.5
1,3-Dichlorobenzene	3	ND		5	ND		50	*NA*		-	*NA*		-
1,3-Dichloropropane	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,4-Dichlorobenzene	3	ND		5	ND		50	*NA*		-	*NA*		-
1,4-Dioxane	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
2,2-Dichloropropane	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
2-Butanone	50	ND		5	ND		50	ND		2.5	ND		2.5
2-Chlorotoluene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
2-Hexanone	50	ND		5	ND		50	ND		2.5	ND		2.5
4-Chlorotoluene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
4-Methyl-2-pentanone	NE	ND		5	ND		50	ND		2.5	ND		2.5
Acetone	50	ND		20	ND		200	ND		5	ND		5
Benzene	1	ND		5	ND		50	ND		2.5	ND		2.5
Bromobenzene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Bromochloromethane	5	ND		5	ND		50	ND		2.5	ND		2.5
Bromodichloromethane	50	ND		5	ND		50	*NA*		-	*NA*		-
Bromoform	50	ND		5	ND		50	ND		2.5	ND		2.5
Bromomethane	5	ND		5	ND		50	ND		2.5	ND		2.5
Carbon disulfide	NE	ND		5	ND		50	ND		2.5	ND		2.5
Carbon tetrachloride	5	ND		5	ND		50	ND		2.5	ND		2.5
Chlorobenzene	5	ND		5	ND		50	ND		2.5	ND		2.5
Chloroethane	5	ND		5	ND		50	ND		2.5	ND		2.5
Chloroform	7	ND		5	ND		50	ND		2.5	ND		2.5
Chloromethane	5	ND		5	ND		50	ND		2.5	ND		2.5
cis-1,2-Dichloroethylene	5	**33**		5	**530**		50	ND		2.5	ND		2.5
cis-1,3-Dichloropropylene	0.4	ND		5	ND		50	ND		2.5	ND		2.5
Cyclohexane	NE	ND		5	ND		50	*NA*		-	*NA*		-
Dibromochloromethane	5	ND		5	ND		50	ND		2.5	ND		2.5
Dibromomethane	5	*NA*		-	*NA*		-	ND		2.5	ND		2.5
Dichlorodifluoromethane	5	ND		5	ND		50	ND		2.5	ND		2.5
Ethyl Benzene	5	ND		5	ND		50	ND		2.5	ND		2.5
Hexachlorobutadiene	0.5	ND		5	ND		50	*NA*		-	*NA*		-
Isopropylbenzene	5	*NA*		-	*NA*		-	ND		2.5	ND		2.5
Methyl acetate	NE	ND		5	ND		50	*NA*		-	*NA*		-
Methyl tert-butyl ether (MTBE)	10	ND		5	ND		50	ND		2.5	ND		2.5
Methylcyclohexane	NE	ND		5	ND		50	ND		2.5	ND		2.5
Methylene chloride	5	ND		20	ND		200	ND		2.5	ND		2.5
Naphthalene	10	*NA*		-	*NA*		-	ND		2.5	ND		2.5
n-Butylbenzene	5	*NA*		-	*NA*		-	ND		2.5	ND		2.5
n-Propylbenzene	5	*NA*		-	*NA*		-	ND		2.5	ND		2.5
o-Xylene	5	ND		5	ND		50	ND		2.5	ND		2.5
p- & m- Xylenes	5	ND		10	ND		100	ND		5	ND		5
p-Isopropyltoluene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
sec-Butylbenzene	5	*NA*		-	*NA*		-	ND		2.5	ND		2.5
Styrene	5	ND		5	ND		50	ND		2.5	ND		2.5
tert-Butylbenzene	5	*NA*		-	*NA*		-	ND		2.5	ND		2.5
Tetrachloroethylene	5	ND		5	ND		50	ND		2.5	ND		2.5
Toluene	5	ND		5	ND		50	ND		2.5	ND		2.5
trans-1,2-Dichloroethylene	5	ND		5	**25**	J	50	ND		2.5	ND		2.5
trans-1,3-Dichloropropylene	0.4	ND		5	ND		50	ND		2.5	ND		2.5
Trichloroethylene	5	**210**		5	**7,400**		120	ND		2.5	ND		2.5
Trichlorofluoromethane	5	ND		5	ND		50	ND		2.5	ND		2.5
Vinyl acetate	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Vinyl chloride	2	ND		5	ND		50	ND		2.5	ND		2.5
Xylenes, Total	5	ND		15	ND		150	ND		7.5	ND		7.5
Total TICs	NE	*NA*		-	*NA*		-	ND		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 10: Water - VOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

SB09110 RIR

VOCs (USEPA Method 8260)	Guidance Level	Rinse Blank (2012-02-02) Result	Flag	RL	Rinse Blank (2012-03-16) Result	Flag	RL	Trip Blank (2012-02-01) Result	Flag	RL	Trip Blank (2012-02-02) Result	Flag	RL
1,1,1,2-Tetrachloroethane	5	ND		5	ND		5	ND		5	ND		5
1,1,1-Trichloroethane	5	ND		5	ND		5	ND		5	ND		5
1,1,2,2-Tetrachloroethane	5	ND		5	ND		5	ND		5	ND		5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		5	ND		5	ND		5	ND		5
1,1,2-Trichloroethane	1	ND		5	ND		5	ND		5	ND		5
1,1-Dichloroethane	5	ND		5	ND		5	ND		5	ND		5
1,1-Dichloroethylene	5	ND		5	ND		5	ND		5	ND		5
1,1-Dichloropropylene	5	ND		5	ND		5	ND		5	ND		5
1,2,3-Trichlorobenzene	5	ND		10	ND		10	ND		10	ND		10
1,2,3-Trichloropropane	0.04	ND		5	ND		5	ND		5	ND		5
1,2,4-Trichlorobenzene	5	ND		10	ND		10	ND		10	ND		10
1,2,4-Trimethylbenzene	5	ND		5	ND		5	ND		5	ND		5
1,2-Dibromo-3-chloropropane	0.04	ND		10	ND		10	ND		10	ND		10
1,2-Dibromoethane	5	ND		5	ND		5	ND		5	ND		5
1,2-Dichlorobenzene	3	ND		5	ND		5	ND		5	ND		5
1,2-Dichloroethane	0.6	ND		5	ND		5	ND		5	ND		5
1,2-Dichloropropane	1	ND		5	ND		5	ND		5	ND		5
1,3,5-Trimethylbenzene	5	ND		5	ND		5	ND		5	ND		5
1,3-Dichlorobenzene	3	ND		5	ND		5	ND		5	ND		5
1,3-Dichloropropane	5	ND		5	ND		5	ND		5	ND		5
1,4-Dichlorobenzene	3	ND		5	ND		5	ND		5	ND		5
1,4-Dioxane	NE	ND		5	ND		5	ND		5	ND		5
2,2-Dichloropropane	5	ND		5	ND		5	ND		5	ND		5
2-Butanone	50	ND		10	ND		10	ND		10	ND		10
2-Chlorotoluene	5	ND		5	ND		5	ND		5	ND		5
2-Hexanone	50	*NA*		-	*NA*		-	*NA*		-	*NA*		-
4-Chlorotoluene	5	ND		5	ND		5	ND		5	ND		5
4-Methyl-2-pentanone	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Acetone	50	ND		10	4.2	J,B	10	ND		10	ND		10
Benzene	1	ND		5	ND		5	ND		5	ND		5
Bromobenzene	5	ND		5	ND		5	ND		5	ND		5
Bromochloromethane	5	ND		5	ND		5	ND		5	ND		5
Bromodichloromethane	50	ND		5	ND		5	ND		5	ND		5
Bromoform	50	ND		5	ND		5	ND		5	ND		5
Bromomethane	5	ND		5	ND		5	ND		5	ND		5
Carbon disulfide	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Carbon tetrachloride	5	ND		5	ND		5	ND		5	ND		5
Chlorobenzene	5	ND		5	ND		5	ND		5	ND		5
Chloroethane	5	ND		5	ND		5	ND		5	ND		5
Chloroform	7	ND		5	ND		5	ND		5	ND		5
Chloromethane	5	ND		5	ND		5	ND		5	ND		5
cis-1,2-Dichloroethylene	5	ND		5	ND		5	ND		5	ND		5
cis-1,3-Dichloropropylene	0.4	ND		5	ND		5	ND		5	ND		5
Cyclohexane	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Dibromochloromethane	5	ND		5	ND		5	ND		5	ND		5
Dibromomethane	5	ND		5	ND		5	ND		5	ND		5
Dichlorodifluoromethane	5	ND		5	ND		5	ND		5	ND		5
Ethyl Benzene	5	ND		5	ND		5	ND		5	ND		5
Hexachlorobutadiene	0.5	ND		5	ND		5	ND		5	ND		5
Isopropylbenzene	5	ND		5	ND		5	ND		5	ND		5
Methyl acetate	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Methyl tert-butyl ether (MTBE)	10	ND		5	ND		5	ND		5	ND		5
Methylcyclohexane	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Methylene chloride	5	ND		10	**5.8**	J,B	10	ND		10	ND		10
Naphthalene	10	ND		5	ND		5	ND		5	ND		5
n-Butylbenzene	5	ND		6	ND		6	ND		6	ND		6
n-Propylbenzene	5	ND		7	ND		7	ND		7	ND		7
o-Xylene	5	ND		5	ND		5	ND		5	ND		5
p- & m- Xylenes	5	ND		10	ND		10	ND		10	ND		10
p-Isopropyltoluene	5	ND		5	ND		5	ND		5	ND		5
sec-Butylbenzene	5	ND		5	ND		5	ND		5	ND		5
Styrene	5	ND		5	ND		5	ND		5	ND		5
tert-Butylbenzene	5	ND		5	ND		5	ND		5	ND		5
Tetrachloroethylene	5	ND		5	ND		5	ND		5	ND		5
Toluene	5	ND		5	ND		5	ND		5	ND		5
trans-1,2-Dichloroethylene	5	ND		5	ND		5	ND		5	ND		5
trans-1,3-Dichloropropylene	0.4	ND		5	ND		5	ND		5	ND		5
Trichloroethylene	5	ND		5	ND		5	ND		5	ND		5
Trichlorofluoromethane	5	ND		5	ND		5	ND		5	ND		5
Vinyl acetate	NE	ND		5	ND		5	ND		5	ND		5
Vinyl chloride	2	ND		5	ND		5	ND		5	ND		5
Xylenes, Total	5	ND		15	ND		15	ND		15	ND		15
Total TICs	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 10: Water - VOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

SB09110 RIR

VOCs (USEPA Method 8260)	Guidance Level	Trip Blank (2012-02-10) Result	Flag	RL	Trip Blank (2012-02-16) Result	Flag	RL	Trip Blank (2012-03-16) Result	Flag	RL	Trip Blank (2012-04-25) Result	Flag	RL
1,1,1,2-Tetrachloroethane	5	ND		5	ND		5	ND		5	ND		5
1,1,1-Trichloroethane	5	ND		5	ND		5	ND		5	ND		5
1,1,2,2-Tetrachloroethane	5	ND		5	ND		5	ND		5	ND		5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		5	ND		5	ND		5	ND		5
1,1,2-Trichloroethane	1	ND		5	ND		5	ND		5	ND		5
1,1-Dichloroethane	5	ND		5	ND		5	ND		5	ND		5
1,1-Dichloroethylene	5	ND		5	ND		5	ND		5	ND		5
1,1-Dichloropropylene	5	ND		5	ND		5	ND		5	ND		5
1,2,3-Trichlorobenzene	5	ND		10	ND		10	ND		10	ND		10
1,2,3-Trichloropropane	0.04	ND		5	ND		5	ND		5	ND		5
1,2,4-Trichlorobenzene	5	ND		10	ND		10	ND		10	ND		10
1,2,4-Trimethylbenzene	5	ND		5	ND		5	ND		5	ND		5
1,2-Dibromo-3-chloropropane	0.04	ND		10	ND		10	ND		10	ND		10
1,2-Dibromoethane	5	ND		5	ND		5	ND		5	ND		5
1,2-Dichlorobenzene	3	ND		5	ND		5	ND		5	ND		5
1,2-Dichloroethane	0.6	ND		5	ND		5	ND		5	ND		5
1,2-Dichloropropane	1	ND		5	ND		5	ND		5	ND		5
1,3,5-Trimethylbenzene	5	ND		5	ND		5	ND		5	ND		5
1,3-Dichlorobenzene	3	ND		5	ND		5	ND		5	ND		5
1,3-Dichloropropane	5	ND		5	ND		5	ND		5	ND		5
1,4-Dichlorobenzene	3	ND		5	ND		5	ND		5	ND		5
1,4-Dioxane	NE	ND		5	ND		5	ND		5	ND		5
2,2-Dichloropropane	5	ND		5	ND		5	ND		5	ND		5
2-Butanone	50	ND		10	ND		10	ND		10	ND		10
2-Chlorotoluene	5	ND		5	ND		5	ND		5	ND		5
2-Hexanone	50	*NA*		-	*NA*		-	*NA*		-	*NA*		-
4-Chlorotoluene	5	ND		5	ND		5	ND		5	ND		5
4-Methyl-2-pentanone	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Acetone	50	4.6	J,B	10	8.4	J,B	10	3.4	J,B	10	3.1	J,B	10
Benzene	1	ND		5	ND		5	ND		5	ND		5
Bromobenzene	5	ND		5	ND		5	ND		5	ND		5
Bromochloromethane	5	ND		5	ND		5	ND		5	ND		5
Bromodichloromethane	50	ND		5	ND		5	ND		5	ND		5
Bromoform	50	ND		5	ND		5	ND		5	ND		5
Bromomethane	5	ND		5	ND		5	ND		5	ND		5
Carbon disulfide	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Carbon tetrachloride	5	ND		5	ND		5	ND		5	ND		5
Chlorobenzene	5	ND		5	ND		5	ND		5	ND		5
Chloroethane	5	ND		5	ND		5	ND		5	ND		5
Chloroform	7	ND		5	ND		5	ND		5	ND		5
Chloromethane	5	ND		5	ND		5	ND		5	ND		5
cis-1,2-Dichloroethylene	5	ND		5	ND		5	ND		5	ND		5
cis-1,3-Dichloropropylene	0.4	ND		5	ND		5	ND		5	ND		5
Cyclohexane	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Dibromochloromethane	5	ND		5	ND		5	ND		5	ND		5
Dibromomethane	5	ND		5	ND		5	ND		5	ND		5
Dichlorodifluoromethane	5	ND		5	ND		5	ND		5	ND		5
Ethyl Benzene	5	ND		5	ND		5	ND		5	ND		5
Hexachlorobutadiene	0.5	ND		5	ND		5	ND		5	ND		5
Isopropylbenzene	5	ND		5	ND		5	ND		5	ND		5
Methyl acetate	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Methyl tert-butyl ether (MTBE)	10	ND		5	ND		5	ND		5	ND		5
Methylcyclohexane	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Methylene chloride	5	ND		10	**26**	B	10	**5.4**	J,B	10	**6.5**	J,B	10
Naphthalene	10	ND		5	ND		5	ND		5	ND		5
n-Butylbenzene	5	ND		6	ND		6	ND		6	ND		6
n-Propylbenzene	5	ND		7	ND		7	ND		7	ND		7
o-Xylene	5	ND		5	ND		5	ND		5	ND		5
p- & m- Xylenes	5	ND		10	ND		10	ND		10	ND		10
p-Isopropyltoluene	5	ND		5	ND		5	ND		5	ND		5
sec-Butylbenzene	5	ND		5	ND		5	ND		5	ND		5
Styrene	5	ND		5	ND		5	ND		5	ND		5
tert-Butylbenzene	5	ND		5	ND		5	ND		5	ND		5
Tetrachloroethylene	5	ND		5	ND		5	ND		5	ND		5
Toluene	5	ND		5	ND		5	ND		5	ND		5
trans-1,2-Dichloroethylene	5	ND		5	ND		5	ND		5	ND		5
trans-1,3-Dichloropropylene	0.4	ND		5	ND		5	ND		5	ND		5
Trichloroethylene	5	ND		5	ND		5	ND		5	ND		5
Trichlorofluoromethane	5	ND		5	ND		5	ND		5	ND		5
Vinyl acetate	NE	ND		5	ND		5	ND		5	ND		5
Vinyl chloride	2	ND		5	ND		5	ND		5	ND		5
Xylenes, Total	5	ND		15	ND		15	ND		15	ND		15
Total TICs	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 10: Water - VOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

SB09110 RIR

VOCs (USEPA Method 8260)	Guidance Level	Trip Blank (2012-09-24) Result	Flag	RL	Trip Blank (2012-09-28) Result	Flag	RL	Trip Blank (2013-08-16) Result	Flag	RL	Trip Blank (2014-04-03) Result	Flag	RL
1,1,1,2-Tetrachloroethane	5	ND		5	ND		5	ND		5	*NA*		-
1,1,1-Trichloroethane	5	ND		5	ND		5	ND		5	ND		0.5
1,1,2,2-Tetrachloroethane	5	ND		5	ND		5	ND		5	ND		0.5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		5	ND		5	ND		5	ND		0.5
1,1,2-Trichloroethane	1	ND		5	ND		5	ND		5	ND		0.5
1,1-Dichloroethane	5	ND		5	ND		5	ND		5	ND		0.5
1,1-Dichloroethylene	5	ND		5	ND		5	ND		5	ND		0.5
1,1-Dichloropropylene	5	ND		5	ND		5	ND		5	*NA*		-
1,2,3-Trichlorobenzene	5	ND		10	ND		10	ND		5	ND		0.5
1,2,3-Trichloropropane	0.04	ND		5	ND		5	ND		5	*NA*		-
1,2,4-Trichlorobenzene	5	ND		10	ND		10	ND		5	ND		0.5
1,2,4-Trimethylbenzene	5	ND		5	ND		5	ND		5	*NA*		-
1,2-Dibromo-3-chloropropane	0.04	ND		10	ND		10	ND		5	ND		0.5
1,2-Dibromoethane	5	ND		5	ND		5	ND		5	ND		0.5
1,2-Dichlorobenzene	3	ND		5	ND		5	ND		5	ND		0.5
1,2-Dichloroethane	0.6	ND		5	ND		5	ND		5	ND		0.5
1,2-Dichloropropane	1	ND		5	ND		5	ND		5	ND		0.5
1,3,5-Trimethylbenzene	5	ND		5	ND		5	ND		5	*NA*		-
1,3-Dichlorobenzene	3	ND		5	ND		5	ND		5	ND		0.5
1,3-Dichloropropane	5	ND		5	ND		5	ND		5	*NA*		-
1,4-Dichlorobenzene	3	ND		5	ND		5	ND		5	ND		0.5
1,4-Dioxane	NE	ND		5	ND		5	ND		5	*NA*		-
2,2-Dichloropropane	5	ND		5	ND		5	ND		5	*NA*		-
2-Butanone	50	ND		10	ND		10	ND		5	ND		0.5
2-Chlorotoluene	5	ND		5	ND		5	ND		5	*NA*		-
2-Hexanone	50	*NA*		-	*NA*		-	*NA*		-	ND		0.5
4-Chlorotoluene	5	ND		5	ND		5	ND		5	*NA*		-
4-Methyl-2-pentanone	NE	*NA*		-	*NA*		-	*NA*		-	2		0.5
Acetone	50	ND		10	ND		10	7		5	ND		2
Benzene	1	ND		5	ND		5	ND		5	ND		0.5
Bromobenzene	5	ND		5	ND		5	ND		5	*NA*		-
Bromochloromethane	5	ND		5	ND		5	ND		5	ND		0.5
Bromodichloromethane	50	ND		5	ND		5	ND		5	ND		0.5
Bromoform	50	ND		5	ND		5	ND		5	ND		0.5
Bromomethane	5	ND		5	ND		5	ND		5	ND		0.5
Carbon disulfide	NE	*NA*		-	*NA*		-	*NA*		-	ND		0.5
Carbon tetrachloride	5	ND		5	ND		5	ND		5	ND		0.5
Chlorobenzene	5	ND		5	ND		5	ND		5	ND		0.5
Chloroethane	5	ND		5	ND		5	ND		5	ND		0.5
Chloroform	7	ND		5	ND		5	ND		5	ND		0.5
Chloromethane	5	ND		5	ND		5	ND		5	ND		0.5
cis-1,2-Dichloroethylene	5	ND		5	ND		5	ND		5	ND		0.5
cis-1,3-Dichloropropylene	0.4	ND		5	ND		5	ND		5	ND		0.5
Cyclohexane	NE	*NA*		-	*NA*		-	*NA*		-	ND		0.5
Dibromochloromethane	5	ND		5	ND		5	ND		5	ND		0.5
Dibromomethane	5	ND		5	ND		5	ND		5	*NA*		-
Dichlorodifluoromethane	5	ND		5	ND		5	ND		5	ND		0.5
Ethyl Benzene	5	ND		5	ND		5	ND		5	ND		0.5
Hexachlorobutadiene	0.5	ND		5	ND		5	ND		5	*NA*		-
Isopropylbenzene	5	ND		5	ND		5	ND		5	ND		0.5
Methyl acetate	NE	*NA*		-	*NA*		-	*NA*		-	ND		0.5
Methyl tert-butyl ether (MTBE)	10	ND		5	ND		5	ND		5	ND		0.5
Methylcyclohexane	NE	*NA*		-	*NA*		-	*NA*		-	ND		0.5
Methylene chloride	5	ND		10	ND		10	ND		5	4.4	B	2
Naphthalene	10	ND		5	ND		5	ND		5	*NA*		-
n-Butylbenzene	5	ND		6	ND		6	ND		6	*NA*		-
n-Propylbenzene	5	ND		7	ND		7	ND		7	*NA*		-
o-Xylene	5	ND		5	ND		5	ND		5	ND		0.5
p- & m- Xylenes	5	ND		10	ND		10	ND		10	ND		1
p-Isopropyltoluene	5	ND		5	ND		5	ND		5	*NA*		-
sec-Butylbenzene	5	ND		5	ND		5	ND		5	*NA*		-
Styrene	5	ND		5	ND		5	ND		5	ND		0.5
tert-Butylbenzene	5	ND		5	ND		5	ND		5	*NA*		-
Tetrachloroethylene	5	ND		5	ND		5	ND		5	ND		0.5
Toluene	5	ND		5	ND		5	ND		5	ND		0.5
trans-1,2-Dichloroethylene	5	ND		5	ND		5	ND		5	ND		0.5
trans-1,3-Dichloropropylene	0.4	ND		5	ND		5	ND		5	ND		0.5
Trichloroethylene	5	ND		5	ND		5	ND		5	ND		0.5
Trichlorofluoromethane	5	ND		5	ND		5	ND		5	ND		0.5
Vinyl acetate	NE	ND		5	ND		5	ND		5	*NA*		-
Vinyl chloride	2	ND		5	ND		5	ND		5	ND		0.5
Xylenes, Total	5	ND		15	ND		15	ND		15	ND		1.5
Total TICs	NE	ND		-	*NA*		-	ND		-	97		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 10: Water - VOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

VOCs (USEPA Method 8260)	Guidance Level	Trip Blank (2014-07-30)			Trip Blank (2014-09-22)			Trip Blank (2014-09-23)			Trip Blank (2014-09-24)		
		Result	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
1,1,1,2-Tetrachloroethane	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,1,1-Trichloroethane	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
1,1,2,2-Tetrachloroethane	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
1,1,2-Trichloroethane	1	ND		2.5	ND		2.5	ND		2.5	ND		2.5
1,1-Dichloroethane	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
1,1-Dichloroethylene	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
1,1-Dichloropropylene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichlorobenzene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichloropropane	0.04	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,2,4-Trichlorobenzene	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
1,2,4-Trimethylbenzene	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
1,2-Dibromo-3-chloropropane	0.04	ND		2.5	ND		2.5	ND		2.5	ND		2.5
1,2-Dibromoethane	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
1,2-Dichlorobenzene	3	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,2-Dichloroethane	0.6	ND		2.5	ND		2.5	ND		2.5	ND		2.5
1,2-Dichloropropane	1	ND		2.5	ND		2.5	ND		2.5	ND		2.5
1,3,5-Trimethylbenzene	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
1,3-Dichlorobenzene	3	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,3-Dichloropropane	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,4-Dichlorobenzene	3	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,4-Dioxane	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
2,2-Dichloropropane	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
2-Butanone	50	ND		2.5	ND		2.5	ND		2.5	ND		2.5
2-Chlorotoluene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
2-Hexanone	50	ND		2.5	ND		2.5	ND		2.5	ND		2.5
4-Chlorotoluene	5	ND		2.5	ND			ND			ND		
4-Methyl-2-pentanone	NE	ND		2.5	ND		2.5	ND		2.5	ND		2.5
Acetone	50	4.7		2.5	ND		5	ND		5	ND		5
Benzene	1	ND		2.5	ND		2.5	ND		2.5	ND		2.5
Bromobenzene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Bromochloromethane	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Bromodichloromethane	50	ND		2.5	ND		2.5	ND		2.5	ND		2.5
Bromoform	50	ND		2.5	ND		2.5	ND		2.5	ND		2.5
Bromomethane	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Carbon disulfide	NE	ND		2.5	ND		2.5	ND		2.5	ND		2.5
Carbon tetrachloride	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Chlorobenzene	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
Chloroethane	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
Chloroform	7	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Chloromethane	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
cis-1,2-Dichloroethylene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
cis-1,3-Dichloropropylene	0.4	ND		2.5	ND		2.5	ND		2.5	ND		2.5
Cyclohexane	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Dibromochloromethane	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
Dibromomethane	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Dichlorodifluoromethane	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
Ethyl Benzene	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
Hexachlorobutadiene	0.5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Isopropylbenzene	5	ND		5	ND		2.5	ND		2.5	ND		2.5
Methyl acetate	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Methyl tert-butyl ether (MTBE)	10	ND		2.5	ND		2.5	ND		2.5	ND		2.5
Methylcyclohexane	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Methylene chloride	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
Naphthalene	10	ND		2.5	ND		2.5	ND		2.5	ND		2.5
n-Butylbenzene	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
n-Propylbenzene	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
o-Xylene	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
p- & m- Xylenes	5	ND		2.5	ND		5	ND		5	ND		5
p-Isopropyltoluene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
sec-Butylbenzene	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
Styrene	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
tert-Butylbenzene	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
Tetrachloroethylene	5	ND		5	ND		2.5	ND		2.5	ND		2.5
Toluene	5	ND		5	ND		2.5	ND		2.5	ND		2.5
trans-1,2-Dichloroethylene	5	ND		5	ND		2.5	ND		2.5	ND		2.5
trans-1,3-Dichloropropylene	0.4	ND		5	ND		2.5	ND		2.5	ND		2.5
Trichloroethylene	5	ND		5	ND		2.5	ND		2.5	ND		2.5
Trichlorofluoromethane	5	ND		5	ND		2.5	ND		2.5	ND		2.5
Vinyl acetate	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Vinyl chloride	2	ND		5	ND		2.5	ND		2.5	ND		2.5
Xylenes, Total	5	ND		5	ND		7.5	ND		7.5	ND		7.5
Total TICs	NE	ND		-	*NA*		-	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 10: Water - VOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

VOCs (USEPA Method 8260)	Guidance Level	Trip Blank (2014-10-08)			Trip Blank (2014-10-09)			Trip Blank (2014-12-10)			Trip Blank (2014-12-23)		
		Result	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
1,1,1,2-Tetrachloroethane	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,1,1-Trichloroethane	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
1,1,2,2-Tetrachloroethane	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
1,1,2-Trichloroethane	1	ND		0.2	ND		0.2	ND		2.5	ND		2.5
1,1-Dichloroethane	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
1,1-Dichloroethylene	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
1,1-Dichloropropylene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,2,3-Trichlorobenzene	5	ND		0.2	ND		0.2	*NA*		-	*NA*		-
1,2,3-Trichloropropane	0.04	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,2,4-Trichlorobenzene	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
1,2,4-Trimethylbenzene	5	*NA*		-	*NA*		-	ND		2.5	ND		2.5
1,2-Dibromo-3-chloropropane	0.04	ND		0.2	ND		0.2	ND		2.5	ND		2.5
1,2-Dibromoethane	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
1,2-Dichlorobenzene	3	ND		0.2	ND		0.2	*NA*		-	*NA*		-
1,2-Dichloroethane	0.6	ND		0.2	ND		0.2	ND		2.5	ND		2.5
1,2-Dichloropropane	1	ND		0.2	ND		0.2	ND		2.5	ND		2.5
1,3,5-Trimethylbenzene	5	*NA*		-	*NA*		-	ND		2.5	ND		2.5
1,3-Dichlorobenzene	3	ND		0.2	ND		0.2	*NA*		-	*NA*		-
1,3-Dichloropropane	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
1,4-Dichlorobenzene	3	ND		0.2	ND		0.2	*NA*		-	*NA*		-
1,4-Dioxane	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
2,2-Dichloropropane	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
2-Butanone	50	ND		0.2	ND		0.2	ND		5	ND		2.5
2-Chlorotoluene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
2-Hexanone	50	ND		0.2	ND		0.2	ND		2.5	ND		2.5
4-Chlorotoluene	5	ND			ND			ND			ND		
4-Methyl-2-pentanone	NE	ND		0.2	ND		0.2	ND		2.5	ND		2.5
Acetone	50	ND		1	ND		0.2	ND		5	ND		5
Benzene	1	ND		0.2	ND		0.2	ND		2.5	ND		2.5
Bromobenzene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Bromochloromethane	5	ND		0.2	ND		0.2	*NA*		-	*NA*		-
Bromodichloromethane	50	ND		0.2	ND		0.2	ND		2.5	ND		2.5
Bromoform	50	ND		0.2	ND		0.2	ND		2.5	ND		2.5
Bromomethane	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Carbon disulfide	NE	ND		0.2	ND		0.2	ND		2.5	ND		2.5
Carbon tetrachloride	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Chlorobenzene	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
Chloroethane	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
Chloroform	7	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Chloromethane	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
cis-1,2-Dichloroethylene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
cis-1,3-Dichloropropylene	0.4	ND		0.2	ND		0.2	ND		2.5	ND		2.5
Cyclohexane	NE	ND		0.2	ND		0.2	*NA*		-	*NA*		-
Dibromochloromethane	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
Dibromomethane	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Dichlorodifluoromethane	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
Ethyl Benzene	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
Hexachlorobutadiene	0.5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Isopropylbenzene	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
Methyl acetate	NE	ND		0.2	ND		0.2	*NA*		-	*NA*		-
Methyl tert-butyl ether (MTBE)	10	ND		0.2	ND		0.2	ND		2.5	ND		2.5
Methylcyclohexane	NE	ND		0.2	ND		0.2	*NA*		-	*NA*		-
Methylene chloride	5	ND		1	ND		1	ND		2.5	ND		2.5
Naphthalene	10	*NA*		-	*NA*		-	ND		2.5	ND		2.5
n-Butylbenzene	5	*NA*		-	*NA*		-	ND		2.5	ND		2.5
n-Propylbenzene	5	*NA*		-	*NA*		-	ND		2.5	ND		2.5
o-Xylene	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
p- & m- Xylenes	5	ND		0.5	ND		0.5	ND		5	ND		5
p-Isopropyltoluene	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
sec-Butylbenzene	5	*NA*		-	*NA*		-	ND		2.5	ND		2.5
Styrene	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
tert-Butylbenzene	5	*NA*		-	*NA*		-	ND		2.5	ND		2.5
Tetrachloroethylene	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
Toluene	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
trans-1,2-Dichloroethylene	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
trans-1,3-Dichloropropylene	0.4	ND		0.2	ND		0.2	ND		2.5	ND		2.5
Trichloroethylene	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
Trichlorofluoromethane	5	ND		0.2	ND		0.2	ND		2.5	ND		2.5
Vinyl acetate	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Vinyl chloride	2	ND		0.2	ND		0.2	ND		2.5	ND		2.5
Xylenes, Total	5	ND		0.6	ND		0.6	ND		7.5	ND		7.5
Total TICs	NE	*NA*		-	*NA*		-	ND		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 11: Water - SVOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

SB09110 RIR

SVOCs (USEPA Method 8270)	Guidance Level	MW-3 (2010-02-15)			MW-3 (2012-04-25)			MW-3 (2013-11-25)			MW-10 (2010-02-15)		
		Result	Flag	RL	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	5	ND		5.13	ND		5	ND		5.13	ND		5.13
1,2-Dichlorobenzene	3	ND		5.13	ND		5	ND		5.13	ND		5.13
1,3-Dichlorobenzene	3	ND		5.13	ND		5	ND		5.13	ND		5.13
1,4-Dichlorobenzene	3	ND		5.13	ND		5	ND		5.13	ND		5.13
2,4,5-Trichlorophenol	NE	ND		5.13	ND		5	ND		5.13	ND		5.13
2,4,6-Trichlorophenol	NE	ND		5.13	ND		5	ND		5.13	ND		5.13
2,4-Dichlorophenol	5	ND		5.13	ND		5	ND		5.13	ND		5.13
2,4-Dimethylphenol	50	ND		5.13	ND		5	ND		5.13	ND		5.13
2,4-Dinitrophenol	10	ND		10.3	ND		10	ND		10.3	ND		10.3
2,4-Dinitrotoluene	5	ND		5.13	ND		5	ND		5.13	ND		5.13
2,6-Dinitrotoluene	5	ND		5.13	ND		5	ND		5.13	ND		5.13
2-Chloronaphthalene	10	ND		5.13	ND		5	ND		5.13	ND		5.13
2-Chlorophenol	NE	ND		5.13	ND		5	ND		5.13	ND		5.13
2-Methylnaphthalene	NE	ND		5.13	ND		5	ND		5.13	ND		5.13
2-Methylphenol	NE	ND		5.13	ND		5	ND		5.13	ND		5.13
2-Nitroaniline	5	ND		5.13	ND		5	ND		5.13	ND		5.13
2-Nitrophenol	NE	ND		5.13	ND		5	ND		5.13	ND		5.13
3- & 4-Methylphenols	NE	*NA*		-	ND		5	ND		5.13	*NA*		-
3,3'-Dichlorobenzidine	5	ND		5.13	ND		5	ND		5.13	ND		5.13
3-Nitroaniline	5	ND		5.13	ND		5	ND		5.13	ND		5.13
4,6-Dinitro-2-methylphenol	NE	ND		10.3	ND		10	ND		10.3	ND		10.3
4-Bromophenyl phenyl ether	NE	ND		5.13	ND		5	ND		5.13	ND		5.13
4-Chloro-3-methylphenol	NE	ND		5.13	ND		5	ND		5.13	ND		5.13
4-Chloroaniline	5	ND		5.13	ND		5	ND		5.13	ND		5.13
4-Chlorophenyl phenyl ether	NE	ND		5.13	ND		5	ND		5.13	ND		5.13
4-Nitroaniline	5	ND		5.13	ND		5	ND		5.13	ND		5.13
4-Nitrophenol	5	ND		5.13	ND		5	ND		5.13	ND		5.13
Acenaphthene	20	ND		5.13	ND		5	ND		5.13	ND		5.13
Acenaphthylene	NE	ND		5.13	ND		5	ND		5.13	ND		5.13
Aniline	5	ND		5.13	ND		5	*NA*		-	ND		5.13
Anthracene	50	ND		5.13	ND		5	ND		5.13	ND		5.13
Benzo(a)anthracene	0.002	ND		5.13	ND		5	ND		5.13	ND		5.13
Benzo(a)pyrene	NE	ND		5.13	ND		5	ND		5.13	ND		5.13
Benzo(b)fluoranthene	0.002	ND		5.13	ND		5	ND		5.13	ND		5.13
Benzo(g,h,i)perylene	NE	ND		5.13	ND		5	ND		5.13	ND		5.13
Benzo(k)fluoranthene	0.002	ND		5.13	ND		5	ND		5.13	ND		5.13
Benzoic acid	NE	ND		5.13	*NA*		-	ND		10.3	ND		5.13
Benzyl alcohol	NE	ND		5.13	ND		5	ND		5.13	ND		5.13
Benzyl butyl phthalate	50	ND		5.13	ND		5	ND		5.13	ND		5.13
Bis(2-chloroethoxy)methane	5	ND		5.13	ND		5	ND		5.13	ND		5.13
Bis(2-chloroethyl)ether	1	ND		5.13	ND		5	ND		5.13	ND		5.13
Bis(2-chloroisopropyl)ether	NE	ND		5.13	ND		5	ND		5.13	ND		5.13
Bis(2-ethylhexyl)phthalate	5	ND		5.13	**5.1**		5	ND		5.13	ND		5.13
Chrysene	0.002	ND		5.13	ND		5	ND		5.13	ND		5.13
Dibenzo(a,h)anthracene	NE	ND		5.13	ND		5	ND		5.13	ND		5.13
Dibenzofuran	NE	ND		5.13	ND		5	ND		5.13	ND		5.13
Diethyl phthalate	50	ND		5.13	ND		5	ND		5.13	ND		5.13
Dimethyl phthalate	50	ND		5.13	ND		5	ND		5.13	ND		5.13
Di-n-butyl phthalate	50	ND		5.13	ND		5	ND		5.13	ND		5.13
Di-n-octyl phthalate	50	ND		5.13	ND		5	ND		5.13	ND		5.13
Fluoranthene	50	ND		5.13	ND		5	ND		5.13	ND		5.13
Fluorene	50	ND		5.13	ND		5	ND		5.13	ND		5.13
Hexachlorobenzene	0.04	ND		5.13	ND		5	ND		5.13	ND		5.13
Hexachlorobutadiene	0.5	ND		5.13	ND		5	ND		5.13	ND		5.13
Hexachlorocyclopentadiene	5	ND		5.13	ND		5	ND		5.13	ND		5.13
Hexachloroethane	5	ND		5.13	ND		5	ND		5.13	ND		5.13
Indeno(1,2,3-cd)pyrene	0.002	ND		5.13	ND		5	ND		5.13	ND		5.13
Isophorone	50	ND		5.13	ND		5	ND		5.13	ND		5.13
Naphthalene	10	ND		5.13	ND		5	ND		5.13	ND		5.13
Nitrobenzene	0.4	ND		5.13	ND		5	ND		5.13	ND		5.13
N-Nitrosodimethylamine	50	ND		5.13	ND		5	*NA*		-	ND		5.13
N-nitroso-di-n-propylamine	NE	ND		5.13	ND		5	ND		5.13	ND		5.13
N-Nitrosodiphenylamine	50	ND		5.13	ND		5	ND		5.13	ND		5.13
Pentachlorophenol	1	ND		5.13	ND		5	ND		5.13	ND		5.13
Phenanthrene	50	ND		5.13	ND		5	ND		5.13	ND		5.13
Phenol	1	ND		5.13	ND		5	ND		5.13	ND		5.13
Pyrene	50	ND		5.13	ND		5	ND		5.13	ND		5.13
Pyridine	50	ND		5.13	ND		5	*NA*		-	ND		5.13
Total TICs	NE	*NA*		-	*NA*		-	ND		5.13	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

IHWD ID: 224136

Table 11: Water - SVOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

SB09110 RIR

SVOCs (USEPA Method 8270)	Guidance Level	MW-10 (2012-03-16)			MW-12 (2010-02-15)			MW-13 (2010-02-15)			MW-13 (2012-03-16)		
		Result	Flag	RL	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	5	ND		5.26	ND		5.13	ND		5.41	ND		5.41
1,2-Dichlorobenzene	3	ND		5.26	ND		5.13	ND		5.41	ND		5.41
1,3-Dichlorobenzene	3	ND		5.26	ND		5.13	ND		5.41	ND		5.41
1,4-Dichlorobenzene	3	ND		5.26	ND		5.13	ND		5.41	ND		5.41
2,4,5-Trichlorophenol	NE	*NA*		-	ND		5.13	ND		5.41	*NA*		-
2,4,6-Trichlorophenol	NE	*NA*		-	ND		5.13	ND		5.41	*NA*		-
2,4-Dichlorophenol	5	*NA*		-	ND		5.13	ND		5.41	*NA*		-
2,4-Dimethylphenol	50	*NA*		-	ND		5.13	ND		5.41	*NA*		-
2,4-Dinitrophenol	10	*NA*		-	ND		10.3	ND		10.8	*NA*		-
2,4-Dinitrotoluene	5	ND		5.26	ND		5.13	ND		5.41	ND		5.41
2,6-Dinitrotoluene	5	ND		5.26	ND		5.13	ND		5.41	ND		5.41
2-Chloronaphthalene	10	ND		5.26	ND		5.13	ND		5.41	ND		5.41
2-Chlorophenol	NE	*NA*		-	ND		5.13	ND		5.41	*NA*		-
2-Methylnaphthalene	NE	ND		5.26	ND		5.13	ND		5.41	ND		5.41
2-Methylphenol	NE	*NA*		-	ND		5.13	ND		5.41	*NA*		-
2-Nitroaniline	5	ND		5.26	ND		5.13	ND		5.41	ND		5.41
2-Nitrophenol	NE	*NA*		-	ND		5.13	ND		5.41	*NA*		-
3- & 4-Methylphenols	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
3,3'-Dichlorobenzidine	5	ND		5.26	ND		5.13	ND		5.41	ND		5.41
3-Nitroaniline	5	ND		5.26	ND		5.13	ND		5.41	ND		5.41
4,6-Dinitro-2-methylphenol	NE	*NA*		-	ND		10.3	ND		10.8	*NA*		-
4-Bromophenyl phenyl ether	NE	ND		5.26	ND		5.13	ND		5.41	ND		5.41
4-Chloro-3-methylphenol	NE	*NA*		-	ND		5.13	ND		5.41	*NA*		-
4-Chloroaniline	5	ND		5.26	ND		5.13	ND		5.41	ND		5.41
4-Chlorophenyl phenyl ether	NE	ND		5.26	ND		5.13	ND		5.41	ND		5.41
4-Nitroaniline	5	*NA*		-	ND		5.13	ND		5.41	*NA*		-
4-Nitrophenol	5	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Acenaphthene	20	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Acenaphthylene	NE	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Aniline	5	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Anthracene	50	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Benzo(a)anthracene	0.002	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Benzo(a)pyrene	NE	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Benzo(b)fluoranthene	0.002	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Benzo(g,h,i)perylene	NE	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Benzo(k)fluoranthene	0.002	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Benzoic acid	NE	*NA*		-	ND		5.13	ND		5.41	*NA*		-
Benzyl alcohol	NE	*NA*		-	ND		5.13	ND		5.41	*NA*		-
Benzyl butyl phthalate	50	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Bis(2-chloroethoxy)methane	5	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Bis(2-chloroethyl)ether	1	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Bis(2-chloroisopropyl)ether	NE	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Bis(2-ethylhexyl)phthalate	5	**12.5**		5.26	ND		5.13	3.57	J	5.41	ND		5.41
Chrysene	0.002	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Dibenzo(a,h)anthracene	NE	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Dibenzofuran	NE	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Diethyl phthalate	50	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Dimethyl phthalate	50	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Di-n-butyl phthalate	50	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Di-n-octyl phthalate	50	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Fluoranthene	50	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Fluorene	50	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Hexachlorobenzene	0.04	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Hexachlorobutadiene	0.5	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Hexachlorocyclopentadiene	5	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Hexachloroethane	5	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Indeno(1,2,3-cd)pyrene	0.002	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Isophorone	50	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Naphthalene	10	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Nitrobenzene	0.4	ND		5.26	ND		5.13	ND		5.41	ND		5.41
N-Nitrosodimethylamine	50	ND		5.26	ND		5.13	ND		5.41	ND		5.41
N-nitroso-di-n-propylamine	NE	ND		5.26	ND		5.13	ND		5.41	ND		5.41
N-Nitrosodiphenylamine	50	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Pentachlorophenol	1	*NA*		-	ND		5.13	ND		5.41	*NA*		-
Phenanthrene	50	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Phenol	1	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Pyrene	50	ND		5.26	ND		5.13	ND		5.41	ND		5.41
Pyridine	50	*NA*		-	ND		5.13	ND		5.41	*NA*		-
Total TICs	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 11: Water - SVOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

SB09110 RIR

SVOCs (USEPA Method 8270)	Guidance Level	MW-14 (2010-02-15) Result	Flag	RL	MW-17 (2012-04-19) Result	Flag	RL	MW-18 (2012-03-16) Result	Flag	RL	MW-19 (2012-03-16) Result	Flag	RL
1,2,4-Trichlorobenzene	5	ND		5.56	ND		5.13	ND		5.41	ND		5.13
1,2-Dichlorobenzene	3	ND		5.56	ND		5.13	ND		5.41	ND		5.13
1,3-Dichlorobenzene	3	ND		5.56	ND		5.13	ND		5.41	ND		5.13
1,4-Dichlorobenzene	3	ND		5.56	ND		5.13	ND		5.41	ND		5.13
2,4,5-Trichlorophenol	NE	ND		5.56	ND		5.13	*NA*		-	*NA*		-
2,4,6-Trichlorophenol	NE	ND		5.56	ND		5.13	*NA*		-	*NA*		-
2,4-Dichlorophenol	5	ND		5.56	ND		5.13	*NA*		-	*NA*		-
2,4-Dimethylphenol	50	ND		5.56	ND		5.13	*NA*		-	*NA*		-
2,4-Dinitrophenol	10	ND		11.1	ND		10.3	*NA*		-	*NA*		-
2,4-Dinitrotoluene	5	ND		5.56	ND		5.13	ND		5.41	ND		5.13
2,6-Dinitrotoluene	5	ND		5.56	ND		5.13	ND		5.41	ND		5.13
2-Chloronaphthalene	10	ND		5.56	ND		5.13	ND		5.41	ND		5.13
2-Chlorophenol	NE	ND		5.56	ND		5.13	*NA*		-	*NA*		-
2-Methylnaphthalene	NE	ND		5.56	ND		5.13	ND		5.41	ND		5.13
2-Methylphenol	NE	ND		5.56	ND		5.13	*NA*		-	*NA*		-
2-Nitroaniline	5	ND		5.56	ND		5.13	ND		5.41	ND		5.13
2-Nitrophenol	NE	ND		5.56	ND		5.13	*NA*		-	*NA*		-
3- & 4-Methylphenols	NE	*NA*		-	ND		5.13	*NA*		-	*NA*		-
3,3'-Dichlorobenzidine	5	ND		5.56	ND		5.13	ND		5.41	ND		5.13
3-Nitroaniline	5	ND		5.56	ND		5.13	ND		5.41	ND		5.13
4,6-Dinitro-2-methylphenol	NE	ND		11.1	ND		10.3	*NA*		-	*NA*		-
4-Bromophenyl phenyl ether	NE	ND		5.56	ND		5.13	ND		5.41	ND		5.13
4-Chloro-3-methylphenol	NE	ND		5.56	ND		5.13	*NA*		-	*NA*		-
4-Chloroaniline	5	ND		5.56	ND		5.13	ND		5.41	ND		5.13
4-Chlorophenyl phenyl ether	NE	ND		5.56	ND		5.13	ND		5.41	ND		5.13
4-Nitroaniline	5	ND		5.56	ND		5.13	*NA*		-	*NA*		-
4-Nitrophenol	5	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Acenaphthene	20	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Acenaphthylene	NE	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Aniline	5	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Anthracene	50	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Benzo(a)anthracene	0.002	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Benzo(a)pyrene	NE	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Benzo(b)fluoranthene	0.002	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Benzo(g,h,i)perylene	NE	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Benzo(k)fluoranthene	0.002	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Benzoic acid	NE	ND		5.56	*NA*		-	*NA*		-	*NA*		-
Benzyl alcohol	NE	ND		5.56	ND		5.13	*NA*		-	*NA*		-
Benzyl butyl phthalate	50	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Bis(2-chloroethoxy)methane	5	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Bis(2-chloroethyl)ether	1	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Bis(2-chloroisopropyl)ether	NE	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Bis(2-ethylhexyl)phthalate	5	ND		5.56	**10.8**		5.13	ND		5.41	**39.6**		5.13
Chrysene	0.002	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Dibenzo(a,h)anthracene	NE	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Dibenzofuran	NE	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Diethyl phthalate	50	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Dimethyl phthalate	50	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Di-n-butyl phthalate	50	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Di-n-octyl phthalate	50	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Fluoranthene	50	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Fluorene	50	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Hexachlorobenzene	0.04	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Hexachlorobutadiene	0.5	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Hexachlorocyclopentadiene	5	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Hexachloroethane	5	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Indeno(1,2,3-cd)pyrene	0.002	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Isophorone	50	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Naphthalene	10	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Nitrobenzene	0.4	ND		5.56	ND		5.13	ND		5.41	ND		5.13
N-Nitrosodimethylamine	50	ND		5.56	ND		5.13	ND		5.41	ND		5.13
N-nitroso-di-n-propylamine	NE	ND		5.56	ND		5.13	ND		5.41	ND		5.13
N-Nitrosodiphenylamine	50	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Pentachlorophenol	1	ND		5.56	ND		5.13	*NA*		-	*NA*		-
Phenanthrene	50	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Phenol	1	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Pyrene	50	ND		5.56	ND		5.13	ND		5.41	ND		5.13
Pyridine	50	ND		5.56	ND		5.13	*NA*		-	*NA*		-
Total TICs	NE	*NA*		-	*NA*		-	32		-	6		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 11: Water - SVOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

SB09110 RIR

SVOCs (USEPA Method 8270)	Guidance Level	MW-22 (2012-03-16) Result	Flag	RL	MW-23 (2012-09-24) Result	Flag	RL	MW-24 (2012-09-24) Result	Flag	RL	MW-27 (2012-09-28) Result	Flag	RL
1,2,4-Trichlorobenzene	5	ND		5.13	ND		5.26	ND		5.41	ND		5.41
1,2-Dichlorobenzene	3	ND		5.13	ND		5.26	ND		5.41	ND		5.41
1,3-Dichlorobenzene	3	ND		5.13	ND		5.26	ND		5.41	ND		5.41
1,4-Dichlorobenzene	3	ND		5.13	ND		5.26	ND		5.41	ND		5.41
2,4,5-Trichlorophenol	NE	*NA*		-	ND		5.26	ND		5.41	ND		5.41
2,4,6-Trichlorophenol	NE	*NA*		-	ND		5.26	ND		5.41	ND		5.41
2,4-Dichlorophenol	5	*NA*		-	ND		5.26	ND		5.41	ND		5.41
2,4-Dimethylphenol	50	*NA*		-	ND		5.26	ND		5.41	ND		5.41
2,4-Dinitrophenol	10	*NA*		-	ND		10.5	ND		10.8	ND		10.8
2,4-Dinitrotoluene	5	ND		5.13	ND		5.26	ND		5.41	ND		5.41
2,6-Dinitrotoluene	5	ND		5.13	ND		5.26	ND		5.41	ND		5.41
2-Chloronaphthalene	10	ND		5.13	ND		5.26	ND		5.41	ND		5.41
2-Chlorophenol	NE	*NA*		-	ND		5.26	ND		5.41	ND		5.41
2-Methylnaphthalene	NE	ND		5.13	ND		5.26	ND		5.41	ND		5.41
2-Methylphenol	NE	*NA*		-	ND		5.26	ND		5.41	ND		5.41
2-Nitroaniline	5	ND		5.13	ND		5.26	ND		5.41	ND		5.41
2-Nitrophenol	NE	*NA*		-	ND		5.26	ND		5.41	ND		5.41
3- & 4-Methylphenols	NE	*NA*		-	ND		5.26	ND		5.41	ND		5.41
3,3'-Dichlorobenzidine	5	ND		5.13	ND		5.26	ND		5.41	ND		5.41
3-Nitroaniline	5	ND		5.13	ND		5.26	ND		5.41	ND		5.41
4,6-Dinitro-2-methylphenol	NE	*NA*		-	ND		10.5	ND		10.8	ND		10.8
4-Bromophenyl phenyl ether	NE	ND		5.13	ND		5.26	ND		5.41	ND		5.41
4-Chloro-3-methylphenol	NE	*NA*		-	ND		5.26	ND		5.41	ND		5.41
4-Chloroaniline	5	ND		5.13	ND		5.26	ND		5.41	ND		5.41
4-Chlorophenyl phenyl ether	NE	ND		5.13	ND		5.26	ND		5.41	ND		5.41
4-Nitroaniline	5	*NA*		-	ND		5.26	ND		5.41	ND		5.41
4-Nitrophenol	5	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Acenaphthene	20	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Acenaphthylene	NE	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Aniline	5	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Anthracene	50	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Benzo(a)anthracene	0.002	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Benzo(a)pyrene	NE	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Benzo(b)fluoranthene	0.002	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Benzo(g,h,i)perylene	NE	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Benzo(k)fluoranthene	0.002	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Benzoic acid	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Benzyl alcohol	NE	*NA*		-	ND		5.26	ND		5.41	ND		5.41
Benzyl butyl phthalate	50	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Bis(2-chloroethoxy)methane	5	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Bis(2-chloroethyl)ether	1	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Bis(2-chloroisopropyl)ether	NE	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Bis(2-ethylhexyl)phthalate	5	**1,750**		5.13	**9.55**		5.26	ND		5.41	**12.6**		5.41
Chrysene	0.002	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Dibenzo(a,h)anthracene	NE	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Dibenzofuran	NE	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Diethyl phthalate	50	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Dimethyl phthalate	50	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Di-n-butyl phthalate	50	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Di-n-octyl phthalate	50	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Fluoranthene	50	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Fluorene	50	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Hexachlorobenzene	0.04	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Hexachlorobutadiene	0.5	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Hexachlorocyclopentadiene	5	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Hexachloroethane	5	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Indeno(1,2,3-cd)pyrene	0.002	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Isophorone	50	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Naphthalene	10	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Nitrobenzene	0.4	ND		5.13	ND		5.26	ND		5.41	ND		5.41
N-Nitrosodimethylamine	50	ND		5.13	ND		5.26	ND		5.41	ND		5.41
N-nitroso-di-n-propylamine	NE	ND		5.13	ND		5.26	ND		5.41	ND		5.41
N-Nitrosodiphenylamine	50	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Pentachlorophenol	1	*NA*		-	ND		5.26	ND		5.41	ND		5.41
Phenanthrene	50	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Phenol	1	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Pyrene	50	ND		5.13	ND		5.26	ND		5.41	ND		5.41
Pyridine	50	*NA*		-	ND		5.26	ND		5.41	ND		5.41
Total TICs	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 11: Water - SVOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

SB09110 RIR

SVOCs (USEPA Method 8270)	Guidance Level	MW-28 (2013-08-16) Result	Flag	RL	MW-29 (2013-08-16) Result	Flag	RL	MW-30 (2013-08-16) Result	Flag	RL	MW-31 (2013-08-16) Result	Flag	RL
1,2,4-Trichlorobenzene	5	ND		5.26	ND		5.26	ND		5.26	ND		5.41
1,2-Dichlorobenzene	3	ND		5.26	ND		5.26	ND		5.26	ND		5.41
1,3-Dichlorobenzene	3	ND		5.26	ND		5.26	ND		5.26	ND		5.41
1,4-Dichlorobenzene	3	ND		5.26	ND		5.26	ND		5.26	ND		5.41
2,4,5-Trichlorophenol	NE	ND		5.26	ND		5.26	ND		5.26	ND		5.41
2,4,6-Trichlorophenol	NE	ND		5.26	ND		5.26	ND		5.26	ND		5.41
2,4-Dichlorophenol	5	ND		5.26	ND		5.26	ND		5.26	ND		5.41
2,4-Dimethylphenol	50	ND		5.26	ND		5.26	ND		5.26	ND		5.41
2,4-Dinitrophenol	10	ND		10.5	ND		10.5	ND		10.5	ND		10.8
2,4-Dinitrotoluene	5	ND		5.26	ND		5.26	ND		5.26	ND		5.41
2,6-Dinitrotoluene	5	ND		5.26	ND		5.26	ND		5.26	ND		5.41
2-Chloronaphthalene	10	ND		5.26	ND		5.26	ND		5.26	ND		5.41
2-Chlorophenol	NE	ND		5.26	ND		5.26	ND		5.26	ND		5.41
2-Methylnaphthalene	NE	ND		5.26	ND		5.26	ND		5.26	ND		5.41
2-Methylphenol	NE	ND		5.26	ND		5.26	ND		5.26	ND		5.41
2-Nitroaniline	5	ND		5.26	ND		5.26	ND		5.26	ND		5.41
2-Nitrophenol	NE	ND		5.26	ND		5.26	ND		5.26	ND		5.41
3- & 4-Methylphenols	NE	ND		5.26	ND		5.26	ND		5.26	ND		5.41
3,3'-Dichlorobenzidine	5	ND		5.26	ND		5.26	ND		5.26	ND		5.41
3-Nitroaniline	5	ND		5.26	ND		5.26	ND		5.26	ND		5.41
4,6-Dinitro-2-methylphenol	NE	ND		10.5	ND		10.5	ND		10.5	ND		10.8
4-Bromophenyl phenyl ether	NE	ND		5.26	ND		5.26	ND		5.26	ND		5.41
4-Chloro-3-methylphenol	NE	ND		5.26	ND		5.26	ND		5.26	ND		5.41
4-Chloroaniline	5	ND		5.26	ND		5.26	ND		5.26	ND		5.41
4-Chlorophenyl phenyl ether	NE	ND		5.26	ND		5.26	ND		5.26	ND		5.41
4-Nitroaniline	5	ND		5.26	ND		5.26	ND		5.26	ND		5.41
4-Nitrophenol	5	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Acenaphthene	20	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Acenaphthylene	NE	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Aniline	5	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Anthracene	50	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Benzo(a)anthracene	0.002	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Benzo(a)pyrene	NE	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Benzo(b)fluoranthene	0.002	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Benzo(g,h,i)perylene	NE	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Benzo(k)fluoranthene	0.002	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Benzoic acid	NE	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Benzyl alcohol	NE	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Benzyl butyl phthalate	50	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Bis(2-chloroethoxy)methane	5	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Bis(2-chloroethyl)ether	1	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Bis(2-chloroisopropyl)ether	NE	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Bis(2-ethylhexyl)phthalate	5	ND		5.26	**209**	B	26.3	ND		26.3	ND		5.41
Chrysene	0.002	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Dibenzo(a,h)anthracene	NE	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Dibenzofuran	NE	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Diethyl phthalate	50	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Dimethyl phthalate	50	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Di-n-butyl phthalate	50	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Di-n-octyl phthalate	50	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Fluoranthene	50	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Fluorene	50	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Hexachlorobenzene	0.04	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Hexachlorobutadiene	0.5	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Hexachlorocyclopentadiene	5	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Hexachloroethane	5	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Indeno(1,2,3-cd)pyrene	0.002	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Isophorone	50	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Naphthalene	10	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Nitrobenzene	0.4	ND		5.26	ND		5.26	ND		5.26	ND		5.41
N-Nitrosodimethylamine	50	ND		5.26	ND		5.26	ND		5.26	ND		5.41
N-nitroso-di-n-propylamine	NE	ND		5.26	ND		5.26	ND		5.26	ND		5.41
N-Nitrosodiphenylamine	50	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Pentachlorophenol	1	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Phenanthrene	50	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Phenol	1	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Pyrene	50	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Pyridine	50	ND		5.26	ND		5.26	ND		5.26	ND		5.41
Total TICs	NE	ND		-	ND		-	ND		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 11: Water - SVOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

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SVOCs (USEPA Method 8270)	Guidance Level	MW-32 (2013-08-16)			MW-34 (2013-08-16)			MW-34 (2013-11-25)			MW-35 (2013-08-16)		
		Result	Flag	RL	Result	Flag	RL	Result	Flag	RL	Result	Flag	RL
1,2,4-Trichlorobenzene	5	ND		5.13	ND		5.13	ND		25.6	ND		5.13
1,2-Dichlorobenzene	3	ND		5.13	ND		5.13	ND		25.6	ND		5.13
1,3-Dichlorobenzene	3	ND		5.13	ND		5.13	ND		25.6	ND		5.13
1,4-Dichlorobenzene	3	ND		5.13	ND		5.13	ND		25.6	ND		5.13
2,4,5-Trichlorophenol	NE	ND		5.13	ND		5.13	ND		25.6	ND		5.13
2,4,6-Trichlorophenol	NE	ND		5.13	ND		5.13	ND		25.6	ND		5.13
2,4-Dichlorophenol	5	ND		5.13	ND		5.13	ND		25.6	ND		5.13
2,4-Dimethylphenol	50	ND		5.13	ND		5.13	ND		25.6	ND		5.13
2,4-Dinitrophenol	10	ND		10.3	ND		10.3	ND		51.3	ND		10.3
2,4-Dinitrotoluene	5	ND		5.13	ND		5.13	ND		25.6	ND		5.13
2,6-Dinitrotoluene	5	ND		5.13	ND		5.13	ND		25.6	ND		5.13
2-Chloronaphthalene	10	ND		5.13	ND		5.13	ND		25.6	ND		5.13
2-Chlorophenol	NE	ND		5.13	ND		5.13	ND		25.6	ND		5.13
2-Methylnaphthalene	NE	ND		5.13	ND		5.13	ND		25.6	ND		5.13
2-Methylphenol	NE	ND		5.13	ND		5.13	ND		25.6	ND		5.13
2-Nitroaniline	5	ND		5.13	ND		5.13	ND		25.6	ND		5.13
2-Nitrophenol	NE	ND		5.13	ND		5.13	ND		25.6	ND		5.13
3- & 4-Methylphenols	NE	ND		5.13	ND		5.13	ND		25.6	ND		5.13
3,3'-Dichlorobenzidine	5	ND		5.13	ND		5.13	ND		25.6	ND		5.13
3-Nitroaniline	5	ND		5.13	ND		5.13	ND		25.6	ND		5.13
4,6-Dinitro-2-methylphenol	NE	ND		10.3	ND		10.3	ND		51.3	ND		10.3
4-Bromophenyl phenyl ether	NE	ND		5.13	ND		5.13	ND		25.6	ND		5.13
4-Chloro-3-methylphenol	NE	ND		5.13	ND		5.13	ND		25.6	ND		5.13
4-Chloroaniline	5	ND		5.13	ND		5.13	ND		25.6	ND		5.13
4-Chlorophenyl phenyl ether	NE	ND		5.13	ND		5.13	ND		25.6	ND		5.13
4-Nitroaniline	5	ND		5.13	ND		5.13	ND		25.6	ND		5.13
4-Nitrophenol	5	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Acenaphthene	20	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Acenaphthylene	NE	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Aniline	5	ND		5.13	ND		5.13	*NA*		-	ND		5.13
Anthracene	50	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Benzo(a)anthracene	0.002	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Benzo(a)pyrene	NE	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Benzo(b)fluoranthene	0.002	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Benzo(g,h,i)perylene	NE	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Benzo(k)fluoranthene	0.002	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Benzoic acid	NE	*NA*		-	*NA*		-	ND		51.3	*NA*		-
Benzyl alcohol	NE	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Benzyl butyl phthalate	50	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Bis(2-chloroethoxy)methane	5	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Bis(2-chloroethyl)ether	1	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Bis(2-chloroisopropyl)ether	NE	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Bis(2-ethylhexyl)phthalate	5	ND		5.13	ND		5.13	**59**		25.6	5.99	B	5.13
Chrysene	0.002	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Dibenzo(a,h)anthracene	NE	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Dibenzofuran	NE	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Diethyl phthalate	50	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Dimethyl phthalate	50	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Di-n-butyl phthalate	50	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Di-n-octyl phthalate	50	ND		5.13	6.51		5.13	**87.1**		25.6	ND		5.13
Fluoranthene	50	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Fluorene	50	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Hexachlorobenzene	0.04	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Hexachlorobutadiene	0.5	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Hexachlorocyclopentadiene	5	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Hexachloroethane	5	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Indeno(1,2,3-cd)pyrene	0.002	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Isophorone	50	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Naphthalene	10	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Nitrobenzene	0.4	ND		5.13	ND		5.13	ND		25.6	ND		5.13
N-Nitrosodimethylamine	50	ND		5.13	ND		5.13	*NA*		-	ND		5.13
N-nitroso-di-n-propylamine	NE	ND		5.13	ND		5.13	ND		25.6	ND		5.13
N-Nitrosodiphenylamine	50	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Pentachlorophenol	1	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Phenanthrene	50	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Phenol	1	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Pyrene	50	ND		5.13	ND		5.13	ND		25.6	ND		5.13
Pyridine	50	ND		5.13	ND		5.13	*NA*		-	ND		5.13
Total TICs	NE	ND		-	ND		-	ND		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 11: Water - SVOCs

Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

SB09110 RIR

SVOCs (USEPA Method 8270)	Guidance Level	MW-36 (2014-12-23) Result	Flag	RL	MW-36A (2014-12-23) Result	Flag	RL	MW-37 (2014-12-23) Result	Flag	RL	MW-41 (2014-12-23)		
1,2,4-Trichlorobenzene	5	ND		5	ND		5	ND		5	ND		5
1,2-Dichlorobenzene	3	ND		5	ND		5	ND		5	ND		5
1,3-Dichlorobenzene	3	ND		5	ND		5	ND		5	ND		5
1,4-Dichlorobenzene	3	ND		5	ND		5	ND		5	ND		5
2,4,5-Trichlorophenol	NE	ND		5	ND		5	ND		5	ND		5
2,4,6-Trichlorophenol	NE	ND		5	ND		5	ND		5	ND		5
2,4-Dichlorophenol	5	ND		5	ND		5	ND		5	ND		5
2,4-Dimethylphenol	50	ND		5	ND		5	ND		5	ND		5
2,4-Dinitrophenol	10	ND		5	ND		5	ND		5	ND		5
2,4-Dinitrotoluene	5	ND		5	ND		5	ND		5	ND		5
2,6-Dinitrotoluene	5	ND		5	ND		5	ND		5	ND		5
2-Chloronaphthalene	10	ND		5	ND		5	ND		5	ND		5
2-Chlorophenol	NE	ND		5	ND		5	ND		5	ND		5
2-Methylnaphthalene	NE	ND		5	ND		5	ND		5	ND		5
2-Methylphenol	NE	ND		5	ND		5	ND		5	ND		5
2-Nitroaniline	5	ND		5	ND		5	ND		5	ND		5
2-Nitrophenol	NE	ND		5	ND		5	ND		5	ND		5
3- & 4-Methylphenols	NE	ND		5	ND		5	ND		5	ND		5
3,3'-Dichlorobenzidine	5	ND		5	ND		5	ND		5	ND		5
3-Nitroaniline	5	ND		5	ND		5	ND		5	ND		5
4,6-Dinitro-2-methylphenol	NE	ND		5	ND		5	ND		5	ND		5
4-Bromophenyl phenyl ether	NE	ND		5	ND		5	ND		5	ND		5
4-Chloro-3-methylphenol	NE	ND		5	ND		5	ND		5	ND		5
4-Chloroaniline	5	ND		5	ND		5	ND		5	ND		5
4-Chlorophenyl phenyl ether	NE	ND		5	ND		5	ND		5	ND		5
4-Nitroaniline	5	ND		5	ND		5	ND		5	ND		5
4-Nitrophenol	5	ND		5	ND		5	ND		5	ND		5
Acenaphthene	20	ND		0.05	ND		0.05	ND		0.05	ND		0.05
Acenaphthylene	NE	ND		0.05	ND		0.05	ND		0.05	ND		0.05
Aniline	5	*NA*		-	*NA*		-	*NA*		-	*NA*		-
Anthracene	50	ND		0.05	ND		0.05	ND		0.05	ND		0.05
Benzo(a)anthracene	0.002	ND		0.05	ND		0.05	ND		0.05	ND		0.05
Benzo(a)pyrene	NE	ND		0.05	ND		0.05	ND		0.05	ND		0.05
Benzo(b)fluoranthene	0.002	ND		0.05	ND		0.05	ND		0.05	ND		0.05
Benzo(g,h,i)perylene	NE	ND		0.05	ND		0.05	ND		0.05	ND		0.05
Benzo(k)fluoranthene	0.002	ND		0.05	ND		0.05	ND		0.05	ND		0.05
Benzoic acid	NE	ND		50	ND		50	ND		50	ND		50
Benzyl alcohol	NE	ND		5	ND		5	ND		5	ND		5
Benzyl butyl phthalate	50	ND		5	ND		5	ND		5	ND		5
Bis(2-chloroethoxy)methane	5	ND		5	ND		5	ND		5	ND		5
Bis(2-chloroethyl)ether	1	ND		5	ND		5	ND		5	ND		5
Bis(2-chloroisopropyl)ether	NE	ND		5	ND		5	ND		5	ND		5
Bis(2-ethylhexyl)phthalate	5	1.25		0.5	1.07		0.5	**15**		5	1.27		0.5
Chrysene	0.002	ND		0.05	ND		0.05	ND		0.05	ND		0.05
Dibenzo(a,h)anthracene	NE	ND		0.05	ND		0.05	ND		0.05	ND		0.05
Dibenzofuran	NE	ND		5	ND		5	ND		5	ND		5
Diethyl phthalate	50	ND		5	ND		5	ND		5	ND		5
Dimethyl phthalate	50	ND		5	ND		5	ND		5	ND		5
Di-n-butyl phthalate	50	ND		5	ND		5	ND		5	ND		5
Di-n-octyl phthalate	50	ND		5	ND		5	ND		5	ND		5
Fluoranthene	50	ND		0.05	ND		0.05	ND		0.05	ND		0.05
Fluorene	50	ND		0.05	ND		0.05	ND		0.28	ND		0.05
Hexachlorobenzene	0.04	ND		0.02	ND		0.02	ND		0.02	ND		0.02
Hexachlorobutadiene	0.5	ND		0.5	ND		0.5	ND		0.5	ND		0.5
Hexachlorocyclopentadiene	5	ND		2.5	ND		2.5	ND		2.5	ND		2.5
Hexachloroethane	5	ND		0.5	ND		0.5	ND		0.5	ND		0.5
Indeno(1,2,3-cd)pyrene	0.002	ND		0.05	ND		0.05	ND		0.05	ND		0.05
Isophorone	50	ND		2.5	ND		2.5	ND		2.5	ND		2.5
Naphthalene	10	ND		0.05	ND		0.05	ND		0.05	ND		0.05
Nitrobenzene	0.4	ND		0.25	ND		0.25	ND		0.25	ND		0.25
N-Nitrosodimethylamine	50	ND		-	ND		-	ND		-	ND		-
N-nitroso-di-n-propylamine	NE	ND		2.5	ND		2.5	ND		2.5	ND		2.5
N-Nitrosodiphenylamine	50	ND		2.5	ND		2.5	ND		2.5	ND		2.5
Pentachlorophenol	1	ND		0.25	ND		0.25	ND		0.25	ND		0.25
Phenanthrene	50	ND		0.05	ND		0.05	ND		0.05	ND		0.05
Phenol	1	ND		2.5	ND		2.5	ND		2.5	ND		2.5
Pyrene	50	ND		0.05	ND		0.05	ND		0.05	ND		0.05
Pyridine	50	ND		-	ND		-	ND		-	ND		-
Total TICs	NE	ND		-	ND		-	ND		-	ND		-

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 12: Water - Metals
Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

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TAL Metals (Various Methods)	Guidance Level	MW-3 (2013-11-25)			MW-13 (2012-03-16)			MW-13 (2012-04-25)			MW-18 (2012-03-16)		
		Result	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
Aluminum	NE	ND		0.01	2.67		0.01	1.92		0.01	3.43		0.01
Antimony	0.003	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Arsenic	0.025	ND		0.004	ND		0.01	ND		0.01	ND		0.01
Barium	1	0.033		0.01	0.033		0.01	0.04		0.01	0.25		0.01
Beryllium	0.003	ND		0.001	ND		0.001	ND		0.001	ND		0.001
Cadmium	0.005	ND		0.003	ND		0.003	ND		0.003	ND		0.003
Calcium	NE	93.3		0.05	9.94		0.02	10.3		0.02	113		0.02
Chromium	0.05	0.025		0.005	0.006		0.005	ND		0.005	0.019		0.005
Cobalt	0.005	ND		0.005	ND		0.005	ND		0.005	0.005		0.005
Copper	0.2	ND		0.003	0.017		0.005	0.01		0.005	0.034		0.005
Iron	0.3*	ND		0.02	**8.84**	B	0.01	**5.8**		0.01	**9.93**	B	0.01
Lead	0.025	ND		0.003	0.01		0.003	0.01		0.003	0.005		0.003
Magnesium	35	**39.4**		0.05	2.3		0.02	2.04		0.02	**46.3**		0.02
Manganese	0.3*	0.038		0.005	0.352		0.005	0.232		0.005	1.62		0.005
Mercury	0.0007	ND		0.0002	ND		0.0002	ND		0.0002	ND		0.0002
Nickel	0.1	ND		0.005	0.008		0.005	ND		0.005	0.013		0.005
Potassium	NE	5.55		0.05	1.75		0.05	1.52		0.05	8.48		0.05
Selenium	0.01	ND		0.01	ND		0.01	ND		0.01	ND		0.01
Silver	0.05	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Sodium	20	**41.2**		0.1	**105**		0.1	**109**		0.1	**80.6**		0.1
Thallium	0.0005	ND		0.005	ND		0.01	ND		0.01	ND		0.01
Vanadium	0.014	ND		0.01	ND		0.01	ND		0.01	ND		0.01
Zinc	2	ND		0.01	0.1		0.02	0.116		0.02	0.06		0.02

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 12: Water - Metals
Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

SB09110 RIR

TAL Metals (Various Methods)	Guidance Level	MW-22 (2012-04-25)			MW-23 (2012-09-24)			MW-24 (2012-09-24)			MW-27 (2012-09-28)		
		Result	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
Aluminum	NE	ND		0.01	0.102		0.01	0.055		0.01	0.066		0.01
Antimony	0.003	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Arsenic	0.025	ND		0.01	ND		0.01	ND		0.01	ND		0.01
Barium	1	0.098		0.01	0.063		0.01	0.047		0.01	0.088		0.01
Beryllium	0.003	ND		0.001	ND		0.001	ND		0.001	ND		0.001
Cadmium	0.005	ND		0.003	ND		0.003	ND		0.003	ND		0.003
Calcium	NE	106		0.02	104		0.02	47.3		0.02	65.1		0.02
Chromium	0.05	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Cobalt	0.005	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Copper	0.2	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Iron	0.3*	**9.38**		0.01	0.214		0.01	0.159		0.01	0.151		0.01
Lead	0.025	ND		0.003	0.015		0.003	ND		0.003	ND		0.003
Magnesium	35	24.1		0.02	**45.2**	B	0.02	8.11	B	0.02	16.8		0.02
Manganese	0.3*	3.58		0.005	0.044		0.005	1.2		0.005	0.17		0.005
Mercury	0.0007	ND		0.0002	ND		0.0002	ND		0.0002	ND		0.0002
Nickel	0.1	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Potassium	NE	4.45		0.05	3.64		0.05	3.32		0.05	5.41		0.05
Selenium	0.01	ND		0.01	ND		0.01	ND		0.01	ND		0.01
Silver	0.05	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Sodium	20	**311**		0.1	**47.3**		0.1	**178**		0.1	**34.9**		0.1
Thallium	0.0005	ND		0.01	ND		0.01	ND		0.01	ND		0.01
Vanadium	0.014	ND		0.01	ND		0.01	ND		0.01	ND		0.01
Zinc	2	ND		0.02	ND		0.02	ND		0.02	ND		0.02

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 12: Water - Metals
Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

SB09110 RIR

TAL Metals (Various Methods)	Guidance Level	MW-28 (2013-08-16)			MW-29 (2013-08-16)			MW-30 (2013-08-16)			MW-31 (2013-08-16)		
		Result	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
Aluminum	NE	0.031		0.01	ND		0.01	0.088		0.01	ND		0.01
Antimony	0.003	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Arsenic	0.025	ND		0.004	ND		0.004	ND		0.004	ND		0.004
Barium	1	0.092		0.01	0.096		0.01	0.029		0.01	0.105		0.01
Beryllium	0.003	ND		0.001	ND		0.001	ND		0.001	ND		0.001
Cadmium	0.005	ND		0.003	ND		0.003	ND		0.003	ND		0.003
Calcium	NE	109		0.05	128		0.05	41		0.05	95.2		0.05
Chromium	0.05	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Cobalt	0.005	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Copper	0.2	0.005		0.003	ND		0.003	ND		0.003	ND		0.003
Iron	0.3*	0.041		0.02	**8.72**		0.02	0.11		0.02	0.052		0.02
Lead	0.025	ND		0.003	ND		0.003	ND		0.003	ND		0.003
Magnesium	35	34.7		0.05	**55.2**		0.05	6.01		0.05	25.8		0.05
Manganese	0.3*	0.071		0.005	0.647		0.005	0.173		0.005	0.138		0.005
Mercury	0.0007	ND		0.05	ND		0.05	ND		0.05	ND		0.05
Nickel	0.1	ND		0.005	ND		0.005	ND		0.005	0.018		0.005
Potassium	NE	6.58		0.05	5.28		0.05	2.62		0.05	2.7		0.05
Selenium	0.01	0.011		0.01	ND		0.01	ND		0.01	ND		0.01
Silver	0.05	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Sodium	20	**153**		0.1	**53.6**		0.1	**137**		0.1	**63.4**		0.1
Thallium	0.0005	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Vanadium	0.014	ND		0.01	ND		0.01	ND		0.01	ND		0.01
Zinc	2	ND		0.01	ND		0.01	ND		0.01	ND		0.01

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 12: Water - Metals
Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

SB09110 RIR

TAL Metals (Various Methods)	Guidance Level	MW-32 (2013-08-16)			MW-34 (2013-08-16)			MW-34 (2013-11-25)			MW-35 (2013-08-16)		
		Result	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*	*Result*	*Flag*	*RL*
Aluminum	NE	0.1		0.01	0.107		0.01	0.018		0.01	1.04		0.01
Antimony	0.003	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Arsenic	0.025	ND		0.004	ND		0.004	ND		0.004	ND		0.004
Barium	1	0.424		0.01	0.076		0.01	0.093		0.01	0.067		0.01
Beryllium	0.003	ND		0.001	ND		0.001	ND		0.001	ND		0.001
Cadmium	0.005	ND		0.003	ND		0.003	ND		0.003	ND		0.003
Calcium	NE	99.7		0.05	124		0.05	140		0.05	230		0.05
Chromium	0.05	ND		0.005	ND		0.005	ND		0.005	0.006		0.005
Cobalt	0.005	ND		0.005	0.007		0.005	ND		0.005	0.009		0.005
Copper	0.2	ND		0.003	ND		0.003	ND		0.003	ND		0.003
Iron	0.3*	**31.9**		0.02	**1.61**		0.02	**0.899**		0.02	**2.92**		0.02
Lead	0.025	ND		0.003	0.003		0.003	ND		0.003	0.004		0.003
Magnesium	35	25.4		0.05	21.2		0.05	24.5		0.05	**80.1**		0.05
Manganese	0.3*	1.98		0.005	5.7		0.005	4.32		0.005	3.75		0.005
Mercury	0.0007	ND		0.05	ND		0.05	ND		0.0002	ND		0.05
Nickel	0.1	ND		0.005	0.011		0.005	0.006		0.005	0.017		0.005
Potassium	NE	4.32		0.05	8.22		0.05	5.95		0.05	7.74		0.05
Selenium	0.01	ND		0.01	0.01		0.01	0.016		0.01	ND		0.01
Silver	0.05	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Sodium	20	**135**		0.1	**168**		0.1	**160**		0.1	**72.7**		0.1
Thallium	0.0005	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Vanadium	0.014	ND		0.01	ND		0.01	ND		0.01	ND		0.01
Zinc	2	ND		0.01	ND		0.01	ND		0.01	0.07		0.01

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 12: Water - Metals
Data in µg/L
Guidance: NYSDEC TOGS 1.1.1
Elevated concentrations in **Bold**

Ecosystems Strategies, Inc.

TAL Metals (Various Methods)	Guidance Level	Rinse Blank (2012-02-02)		
		Result	*Flag*	*RL*
Aluminum	NE	ND		0.01
Antimony	0.003	ND		0.005
Arsenic	0.025	ND		0.01
Barium	1	ND		0.01
Beryllium	0.003	ND		0.001
Cadmium	0.005	ND		0.003
Calcium	NE	ND		0.02
Chromium	0.05	ND		0.005
Cobalt	0.005	ND		0.005
Copper	0.2	ND		0.005
Iron	0.3*	ND		0.01
Lead	0.025	ND		0.003
Magnesium	35	ND		0.02
Manganese	0.3*	ND		0.005
Mercury	0.0007	ND		0.0002
Nickel	0.1	ND		0.005
Potassium	NE	ND		0.05
Selenium	0.01	ND		0.01
Silver	0.05	ND		0.005
Sodium	20	0.14		0.1
Thallium	0.0005	ND		0.01
Vanadium	0.014	ND		0.01
Zinc	2	ND		0.02

RL = Reporting Limit ND = Not Detected NE = Not Established NA = Not Analyzed
Flags: J = Below RL B = Detected in laboratory blank
E = Estimated concentration

Table 13: Water - Detected VOC and SVOC TICs

Data in µg/L

Ecosystems Strategies, Inc.

SB09110

VOCs - TICs (USEPA Method 8260)	MW-4 (2012-03-16)		MW-10 (2012-03-16)		MW-18 (2012-03-16)		MW-21 (2012-03-16)	
	Result	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*
1,1-difluoro Ethane			7	JN	11	JN		
dimethylhexanone isomers	11	J						
ethyl 1-hexanol isomer							6,300	
ethyl hexanol isomer	5.5	J						
methy Heptanone isomers	13	J						
methyl Hexanone isomers	15	J						
methyl Pentane isomer								
Octamethyl cyclotetrasiloxane								
Octanone isomer	6.1	J						
sulfur dioxide			52	JN	67	JN		
Tetrahydrofuran	28	JN					200	
Undecane isomer							62	
Unknown							62	
Total TICs	78.6		59		78		6,624	

VOCs - TICs (USEPA Method 8260)	MW-22 (2012-03-16)		MW-23 (2012-09-24)		MW-35 (2013-08-16)		Trip Blank (2014-04-03)	
	Result	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*
1,1-difluoro Ethane	13	JN						
dimethylhexanone isomers								
ethyl 1-hexanol isomer							97	J
ethyl hexanol isomer								
methy Heptanone isomers								
methyl Hexanone isomers								
methyl Pentane isomer					6.7			
Octamethyl cyclotetrasiloxane			5.6	JN				
Octanone isomer								
sulfur dioxide	56	JN						
Tetrahydrofuran								
Undecane isomer								
Unknown								
Total TICs	69		5.6		6.7		97	

SVOCs - TICs (USEPA Method 8270)	MW-18 (2012-03-16)		MW-18 (2012-03-16)		MW-18 (2012-03-16)		MW-19 (2012-04-19)	
	Result	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*
methyl Heptanol isomer	27	JN	27	JN	27	JN		
triphenyphosphine oxide	5	JN	5	JN	5	JN	6	JN
Total TICs	32		32		32		6	

SVOCs - TICs (USEPA Method 8270)	MW-42 (2014-12-23)	
	Result	*Flag*
tetramethylurea	4.96	
Total TICs	4.96	

Flags: JN = Possible analyte or class of analyte tentatively identified at an estimated concentration.

IHWD ID: 224136

Table 14: Summary of Sample Collection and Laboratory Submission

Ecosystems Strategies, Inc.

SB09110 RIR

SOIL	Quantity
Soil Borings Installed	61
Converted to Monitoring Wells	24
Total Samples Submitted	**86**
Breakdown by Sample Analysis Grouping	**Number of Samples**
VOCs, SVOCs, TAL metals	14
VOCs, SVOCs	27
SVOCs, TAL metals	1
VOCs	31
SVOCs	6
SVOCs (base-neutral)	7
Breakdown by Analyte Category	**Number of Samples**
VOCs	72
SVOCs	55
TAL metals	15
VOC Tics	40
SVOC TICs	26

GROUNDWATER	Quantity
New Monitoring Wells Installed	25
New and Existing Wells Sampled	30
Total Samples Submitted	**45**
Breakdown by Sample Analysis Grouping	**Number of Samples**
VOCs, SVOCs, TAL metals	13
VOCs, SVOCs	13
SVOCs, TAL metals	1
VOCs, TAL metals	1
TAL metals	1
VOCs	15
SVOCs	1
Breakdown by Analyte Category	**Number of Samples**
VOCs	42
SVOCs	28
TAL metals	16
VOC Tics	35
SVOC TICs	15

USEPA Laboratory Methods: VOCs (soil/water) - 8260, VOCs (air) - TO-15, SVOCs - 8270, TAL Metals - 6010/7471

IHWD ID: 224136

Table 15: LNAPL - Historical Gauging Data

Data recorded using an oil/water interface probe, unit of measure = foot.
All depth measurements from top of PVC well casing.

Ecosystems Strategies, Inc.

SB09110 RIR June 2015

Well ID	May-15	Apr-15	Mar-15	Jan-15	Sep-14
MW – 4	0.44	—	0.56	—	1.75
MW – 5	2.41	2.55	3.1	4.4	4.79
MW – 6	##	##	##	##	##
MW – 7	ND	1.94	1.79	##	2.01
MW – 8	ND	ND	ND	—	ND
MW – 12	ND	ND	ND	—	ND
MW – 13	ND	ND	ND	—	ND
MW – 14	ND	ND	ND	ND	ND
MW – 15	1.21	1.56	1.67	1.71	2.19
MW – 16	0.15	0.03	0.08	0.02	—
MW – 20	2.79	3.84	4.38	5.13	1.87
MW – 21	2.77	2.98	3.46	3.23	3.62
MW – 22	0.84	0.74	1.33	1.27	1.03
MW – 23	ND	ND	ND	ND	ND
MW – 24	ND	ND	ND	ND	ND
MW – 25	3.24	3.36	1.07	1.03	3.16
MW – 26	3.33	3.64	4.14	4.11	3.84
MW – 27	ND	ND	ND	ND	ND
MW – 28	ND	ND	ND	ND	ND
MW – 29	ND	ND	ND	ND	ND
MW – 30	ND	ND	ND	ND	ND
MW – 31	ND	ND	ND	ND	ND
MW – 32	ND	ND	ND	ND	ND
MW – 34	ND	ND	ND	ND	ND
MW – 35	ND	ND	ND	ND	ND
MW – 36	ND	ND	ND	ND	ND
MW – 37	ND	ND	ND	ND	ND
MW – 38	ND	ND	ND	—	ND
MW – 39	ND	ND	ND	ND	ND
MW – 40	ND	ND	ND	ND	ND
MW – 41	ND	ND	ND	ND	not installed
MW – 42	ND	ND	ND	ND	not installed
RW – 1	ND	ND	ND	ND	ND
RW – 2	5.44	2.82	4.19	4.52	4.52
RW – 3	2.23	1.81	3.28	3.41	3.5
RW – 4	3.53	3.53	1.43	1.35	2.78
RW – 5	4.75	0.7	0.85	0.91	0.85
RW – 6	2.35	0.71	1.19	1.14	0.71
RW – 8*	—	2.14	2.93	2.92	4.01
RW – 9	4.79	4.28	5.68	5.65	4.81
RW – 10	3.95	3.65	4.96	5.04	3.93
RW – 11	3.67	3	3.87	3.97	4.43
RW – 12*	—	—	—	—	—

Note: Data from March to May 2015 provided by FPM Group, LTD.

= LNAPL observed, depth not recorded — = Data not recorded est = Estimated value
* = Well equipped with automated product recovery system

Table 15: LNAPL - Historical Gauging Data

Data recorded using an oil/water interface probe, unit of measure = foot.
All depth measurements from top of PVC well casing.

Ecosystems Strategies, Inc.

Well ID	Aug-14	Jul-14	Jun-14	Apr-14	Mar-14
MW – 4	1.9	1.24	Trace	0.01	ND
MW – 5	5.03	1.97	3.39	3.14	2.80
MW – 6	##	##	##	—	2.84
MW – 7	2.16	0.60	0.01	0.17	0.17
MW – 8	ND	ND	ND	ND	ND
MW – 12	—	ND	ND	ND	ND
MW – 13	—	ND	ND	ND	ND
MW – 14	ND	ND	ND	ND	ND
MW – 15	2.32	##	0.45	0.61	0.30
MW – 16	0.03	0.99	Trace	0.01	0.01
MW – 20	1.71	2.92	2.06	1.47	2.90
MW – 21	4.64	4.90	1.99	2.69	2.47
MW – 22	1.02	0.54	0.85	0.74	0.86
MW – 23	ND	ND	ND	ND	ND
MW – 24	ND	ND	ND	ND	ND
MW – 25	4.02	3.65	3.48	3.91	3.75
MW – 26	3.7	4.50	3.02	2.71	3.48
MW – 27	ND	ND	ND	ND	ND
MW – 28	ND	ND	ND	ND	ND
MW – 29	ND	ND	ND	ND	ND
MW – 30	ND	ND	ND	ND	ND
MW – 31	ND	ND	ND	ND	ND
MW – 32	ND	ND	ND	ND	ND
MW – 34	ND	ND	ND	ND	ND
MW – 35	ND	ND	ND	ND	ND
MW – 36	ND	not installed	not installed	not installed	not installed
MW – 37	ND	not installed	not installed	not installed	not installed
MW – 38	not installed	not installed	not installed	not installed	not installed
MW – 39	not installed	not installed	not installed	not installed	not installed
MW – 40	not installed	not installed	not installed	not installed	not installed
MW – 41	not installed	not installed	not installed	not installed	not installed
MW – 42	not installed	not installed	not installed	not installed	not installed
RW – 1	ND	ND	ND	ND	ND
RW – 2	4.53	4.52	0.11	1.30	3.05
RW – 3	3.45	3.56	4.12	1.58	2.90
RW – 4	2.88	##	2.86	1.81	3.25
RW – 5	0.43	0.17	0.17	0.12	0.93
RW – 6	0.64	0.78	0.79	0.45	1.28
RW – 8*	4.48	##	2.95	0.65	1.47
RW – 9	4.59	4.92	4.14	1.02	2.90
RW – 10	3.74	3.57	3.18	3.38	3.89
RW – 11	4.42	4.46	3.87	2.03	2.54
RW – 12*	—	—	—	—	—

Note: Data from Ma *Note: Data from March to May 2015 provided by FPM Group, LTD.*

= LNAPL observed, depth not recorded — = Data not recorded est = Estimated value
* = Well equipped with automated product recovery system

Table 15: LNAPL - Historical Gauging Data

Data recorded using an oil/water interface probe, unit of measure = foot.
All depth measurements from top of PVC well casing.

Ecosystems Strategies, Inc.

Well ID	Feb-14	Jan-14	Dec-13	Nov-13	Oct-13
MW – 4	0.23	0.22	0.30	0.66	0.78
MW – 5	2.98	—	6.46	7.17	5.54
MW – 6	3.43	—	2.89	2.76	2.00
MW – 7	—	—	4.78	4.70	4.00
MW – 8	—	—	ND	ND	ND
MW – 12	—	—	ND	ND	ND
MW – 13	—	—	ND	ND	ND
MW – 14	—	—	ND	ND	ND
MW – 15	0.38	—	3.11	3.19	3.34
MW – 16	0.10	—	0.23	0.22	0.19
MW – 20	2.58	4.19	5.07	4.90	4.11
MW – 21	2.48	3.37	3.13	3.72	4.66
MW – 22	0.75	1.22	1.07	0.69	0.50
MW – 23	ND	ND	ND	ND	ND
MW – 24	—	—	ND	ND	ND
MW – 25	—	—	5.66	5.56	4.01
MW – 26	3.80	4.34	4.44	4.47	4.62
MW – 27	—	—	ND	ND	ND
MW – 28	ND	ND	ND	ND	ND
MW – 29	ND	ND	ND	ND	ND
MW – 30	—	—	ND	ND	ND
MW – 31	—	—	ND	ND	ND
MW – 32	—	—	ND	ND	ND
MW – 34	ND	ND	ND	ND	ND
MW – 35	ND	ND	ND	ND	ND
MW – 36	not installed	not installed	not installed	not installed	not installed
MW – 37	not installed	not installed	not installed	not installed	not installed
MW – 38	not installed	not installed	not installed	not installed	not installed
MW – 39	not installed	not installed	not installed	not installed	not installed
MW – 40	not installed	not installed	not installed	not installed	not installed
MW – 41	not installed	not installed	not installed	not installed	not installed
MW – 42	not installed	not installed	not installed	not installed	not installed
RW – 1	ND	ND	ND	ND	ND
RW – 2	2.31	2.80	3.19	5.09	3.86
RW – 3	2.28	4.60 (est)	3.60	3.33	1.68
RW – 4	3.27	2.45	2.67	2.30	1.46
RW – 5	0.43	0.52	0.60	0.79	0.54
RW – 6	0.96	0.41	0.94	1.30	0.67
RW – 8*	0.86	2.37	2.46	3.92	4.13
RW – 9	2.71	4.34	5.25	4.88	3.08
RW – 10	3.48	3.80	3.81	3.99	4.11
RW – 11	2.59	3.66	4.27	5.48	2.65
RW – 12*	—	—	—	—	—

Note: Data from Ma *Note: Data from March to May 2015 provided by FPM Group, LTD.*

= LNAPL observed, depth not recorded — = Data not recorded est = Estimated value
* = Well equipped with automated product recovery system

Table 15: LNAPL - Historical Gauging Data

Data recorded using an oil/water interface probe, unit of measure = foot.
All depth measurements from top of PVC well casing.

Ecosystems Strategies, Inc.

SB09110 RIR June 2015

Well ID	Sep-13	Aug-13	Jul-13	Apr-13	Mar-13
MW – 4	##	3.49	2.22	0.59	0.67
MW – 5	##	5.08	3.92	3.00	2.39
MW – 6	##	2.42	2.82	—	—
MW – 7	##	2.77	1.06	1.92	4.92
MW – 8	ND	ND	ND	ND	ND
MW – 12	ND	ND	ND	ND	ND
MW – 13	ND	ND	ND	ND	ND
MW – 14	ND	ND	ND	ND	ND
MW – 15	##	2.14	0.70	–	0.32
MW – 16	##	0.05	0.07	0.02	0.01
MW – 20	##	3.33	1.37	3.32	1.20
MW – 21	##	4.37	3.66	3.38	3.43
MW – 22	##	1.12	0.86	0.50	0.62
MW – 23	ND	ND	ND	ND	ND
MW – 24	ND	ND	ND	ND	ND
MW – 25	##	4.41	3.58	3.96	3.96
MW – 26	##	4.18	3.69	2.86	2.33
MW – 27	ND	ND	ND	ND	ND
MW – 28	ND	ND	ND	ND	ND
MW – 29	ND	ND	ND	ND	ND
MW – 30	ND	ND	not installed	not installed	not installed
MW – 31	ND	ND	not installed	not installed	not installed
MW – 32	ND	ND	not installed	not installed	not installed
MW – 34	ND	ND	not installed	not installed	not installed
MW – 35	ND	ND	not installed	not installed	not installed
MW – 36	not installed	not installed	not installed	not installed	not installed
MW – 37	not installed	not installed	not installed	not installed	not installed
MW – 38	not installed	not installed	not installed	not installed	not installed
MW – 39	not installed	not installed	not installed	not installed	not installed
MW – 40	not installed	not installed	not installed	not installed	not installed
MW – 41	not installed	not installed	not installed	not installed	not installed
MW – 42	not installed	not installed	not installed	not installed	not installed
RW – 1	ND	ND	ND	–	ND
RW – 2	##	4.07	2.96	2.92	3.48
RW – 3	##	2.96	1.44	3.90	3.20
RW – 4	##	2.75	1.08	3.06	3.15
RW – 5	##	0.69	0.51	2.62	—
RW – 6	##	0.10	0.08	0.45	0.50
RW – 8*	##	4.59	3.64	—	—
RW – 9	##	4.09	2.37	4.40	2.62
RW – 10	##	4.11	3.55	—	—
RW – 11	##	3.91	3.49	3.15	2.67
RW – 12*	—	—	—	—	—

Note: Data from Ma *Note: Data from March to May 2015 provided by FPM Group, LTD.*

= LNAPL observed, depth not recorded — = Data not recorded est = Estimated value
* = Well equipped with automated product recovery system

Table 15: LNAPL - Historical Gauging Data

Data recorded using an oil/water interface probe, unit of measure = foot.
All depth measurements from top of PVC well casing.

Ecosystems Strategies, Inc.

SB09110 RIR June 2015

Well ID	Feb-13	Jan-13	Dec-12	Nov-12	Oct-12
MW – 4	0.44	0.44	0.80	0.31	0.33
MW – 5	4.32	3.00	4.11	3.50	3.41
MW – 6	—	—	—	—	3.49
MW – 7	5.45	1.30	1.36	2.00	1.84
MW – 8	ND	ND	ND	ND	ND
MW – 12	ND	ND	ND	ND	ND
MW – 13	ND	ND	ND	ND	ND
MW – 14	ND	ND	ND	ND	ND
MW – 15	1.07	–	1.56	0.99	0.76
MW – 16	0.10	0.25	0.20	ND	0.24
MW – 20	1.10	1.35	1.38	3.39	3.15
MW – 21	3.75	4.10	4.23	2.89	2.04
MW – 22	1.15	1.20	0.18	0.21	0.18
MW – 23	ND	ND	ND	ND	ND
MW – 24	ND	ND	ND	ND	ND
MW – 25	4.34	3.70	2.82	7.86	4.40
MW – 26	1.00	2.45	1.62	–	2.61
MW – 27	ND	ND	ND	0.99	ND
MW – 28	ND	ND	not installed	not installed	not installed
MW – 29	ND	ND	not installed	not installed	not installed
MW – 30	not installed	not installed	not installed	not installed	not installed
MW – 31	not installed	not installed	not installed	not installed	not installed
MW – 32	not installed	not installed	not installed	not installed	not installed
MW – 34	not installed	not installed	not installed	not installed	not installed
MW – 35	not installed	not installed	not installed	not installed	not installed
MW – 36	not installed	not installed	not installed	not installed	not installed
MW – 37	not installed	not installed	not installed	not installed	not installed
MW – 38	not installed	not installed	not installed	not installed	not installed
MW – 39	not installed	not installed	not installed	not installed	not installed
MW – 40	not installed	not installed	not installed	not installed	not installed
MW – 41	not installed	not installed	not installed	not installed	not installed
MW – 42	not installed	not installed	not installed	not installed	not installed
RW – 1	ND	ND	ND	ND	ND
RW – 2	3.75	4.20	2.52	1.92	1.50
RW – 3	3.34	3.70	3.58	2.84	3.50
RW – 4	3.00	3.05	2.95	—	3.45
RW – 5	—	—	2.35	3.00	1.88
RW – 6	0.21	0.40	0.15	0.90	0.22
RW – 8*	—	—	—	—	—
RW – 9	3.11	3.50	3.08	3.83	2.98
RW – 10	—	—	—	—	—
RW – 11	3.11	3.50	2.93	4.49	2.58
RW – 12*	—	—	—	—	—

Note: Data from Ma *Note: Data from March to May 2015 provided by FPM Group, LTD.*

= LNAPL observed, depth not recorded — = Data not recorded est = Estimated value
* = Well equipped with automated product recovery system

APPENDIX C

Soil Boring Logs

Soil Boring Log

Ecosystems Strategies, Inc.

SB-60 *Interior* *E of RW-9*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE* *SB09110*
	DATE: 2012-02-01 DRILLER (RIG) Todd Syska (6620DT Geoprobe, 4' macro-core)	
	ESI STAFF: R. Hooker WEATHER: Overcast, windy, 50s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4'	Dark brown SAND (VT), over brown Silty SAND (F), likely fill	dry	0.0	ND	ND	ND	
4 – 8'	Reddish brown SAND (F) Field evidence of contamination starts at 7.5'	dry	0.8	Yes	Yes	ND	
8 – 12'	Reddish brown SAND (VT), NAPL at tip (12')	moist	1.0	Yes	Yes	Yes	
12 – 16'	SAND (C), NAPL 12' to 14' ****** Saturated at 14' *****	wet	0.0	Yes	Yes	Yes	**(12-14')**
16 – 20'	SAND (C), water with sheen	wet	0.0	ND	ND	ND	
	****** End of Boring at 20' *****						

Notes

Fill Materials

Likely fill from surface to approximately 4'

Field Evidence of Contamination

@7.5' – odors and staining begin
@ 12' to 14' – LNAPL saturated soil

Saturated Soils

Beneath LNAPL at 14''

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-60B *Interior* *E of RW-9*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136** *ESI FILE SB09110*						
	DATE: 2012-02-13 DRILLER (RIG) Soil Testing (rotary auger/hammer, 2' split spoon)						
BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 2'	Gray SAND (VT) with Gravel and trace Silt, likely fill	dry	0.0	ND	ND	ND	
2 – 4'	No recovery	---	---	---	---	---	
4 – 6'	Brown SAND (F-M) with Gravel, brown SILT, brown SAND (F)	dry	0.0	ND	ND	ND	
6 – 8'	Gray SILT with trace Sand (F)	dry	0.0	Yes	Yes	ND	**(6-8')**
8 – 10'	Brown SAND (F-M) with Gravel	moist	0.0	Yes	Yes	ND	**(8-10')**
10 – 12'	Gray and brown SAND (VF), trace Silt						
	****** End of Boring at 12' *****						

Notes

Fill Materials

Likely fill from surface to 2'

Field Evidence of Contamination

@ 6' to 12' – odors and gray staining

Saturated Soils

Not encountered

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-61 *Interior* *NE of RW-8*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE* *SB09110*
	DATE: 2012-02-01 DRILLER (RIG) Todd Syska (6620DT Geoprobe, 4' macro-core)	
	ESI STAFF: R. Hooker WEATHER: Overcast, windy, 50s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4'	Black SAND (VT), yellowish brown SAND (F), likely fill	dry	0.0	ND	ND	ND	
4 – 8'	Yellowish brown SAND (VT) with rock fragments	dry	0.8	ND	ND	ND	
8 – 12'	Grayish brown SAND (VT), NAPL at 11.5 to 12'	moist	1.0	ND	ND	Yes	
12 – 16'	Grayish brown SAND (VT), NAPL 12 to 15' ****** Saturated at 15' ***** ****** End of Boring at 16' *****	wet	0.0	Yes	ND	Yes	**(12-14')**

Notes

Fill Materials

Likely fill from surface to approximately 16'

Field Evidence of Contamination

@ 11.5' to 15' – LNAPL saturated soil
@ 12' to 15' – slight odor

Saturated Soils

Beneath LNAPL at 15'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-62 *Interior* *WSW of RW-5*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE* *SB09110*
	DATE: 2012-02-01 DRILLER (RIG) Todd Syska (6620DT Geoprobe, 4' macro-core)	
	ESI STAFF: R. Hooker WEATHER: Overcast, windy, 50s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4'	Refusal (on concrete), no recovery ****** End of Boring at approximately 3.5' *****	---	---	---	---	---	**none**

Notes

Field Evidence of Contamination

No evidence of contamination, based on no significant PID readings at borehole

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-63 *Interior* *SE of RW-6*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE* *SB09110*
	DATE: 2012-02-01 DRILLER (RIG) Todd Syska (6620DT Geoprobe, 4' macro-core)	
	ESI STAFF: R. Hooker WEATHER: Overcast, windy, 50s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4'	Brown SAND (F-M) with gravel, ash, coal (?), trace wood, obvious fill	dry	1.0	Yes	ND	ND	
4 – 8'	Brown SAND (VT), perched water @4'	wet	0.0	Yes	ND	ND	
8 – 12'	Brown Sandy SILT, perched water @10'	wet	0.0	ND	ND	ND	
12 – 16'	Brown Sandy SILT ****** Saturated at 14' ***** ****** End of Boring at 16' *****	wet	0.0	Yes	ND	ND	**(12-14')**

Notes

Fill Materials

Fill from surface to approximately 4'

Field Evidence of Contamination

@ 12' to 16' – strong odor

Saturated Soils

@14', perched water @4' and @10'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-64 *Interior* *S of MW-4*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE* *SB09110*
	DATE: 2012-02-01 DRILLER (RIG) Todd Syska (6620DT Geoprobe, 4' macro-core)	
	ESI STAFF: R. Hooker WEATHER: Overcast, windy, 50s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4'	Refusal (on concrete), no recovery ****** End of Boring at approximately 2" *****	---	---	---	---	---	**none**

Notes

Field Evidence of Contamination

No evidence of contamination, based on no significant PID readings at borehole

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-65 *Interior* *NW of MW-3*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE* *SB09110*
	DATE: 2012-04-19 DRILLER (RIG) Todd Syska (6620DT Geoprobe, 4' macro-core)	
	ESI STAFF: R. Hooker WEATHER: Clear, calm, 50-60s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4'	Brown SAND (F-M)	dry	0.3	ND	ND	ND	
4 – 8'	Brown SAND (F-M)	dry	0.2	ND	ND	ND	
8 – 12'	Brown SAND (VT)	moist	0.2	ND	ND	ND	**(8-12')**
12 – 16'	Brown SAND (F) over Gray SAND (C), over Brown Sandy CLAY ****** Saturated at 14.5' ***** ****** End of Boring at 16' *****	wet	0.2	ND	ND	ND	

Notes

Fill Materials

Obvious fill not noted

Field Evidence of Contamination

None

Saturated Soils

@14.5'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-66 *Interior* *NE of MW-22*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE* *SB09110*
	DATE: 2012-04-19 DRILLER (RIG) Todd Syska (6620DT Geoprobe, 4' macro-core)	
	ESI STAFF: R. Hooker WEATHER: Clear, calm, 50-60s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4'	Brown SAND (F)	dry	0.0	ND	ND	ND	
4 – 8'	Brown SAND (F)	moist	6.0	Yes	ND	ND	
8 – 12'	Brown SAND (F)	moist	2.1	Yes	ND	ND	
12 – 16'	Brown SAND (F) over Brown CLAY ****** Saturated at 15' ***** ****** End of Boring at 16' *****	wet	2.1	ND	Yes	ND	**(12-16')**

Notes

Fill Materials

Obvious fill not noted

Field Evidence of Contamination

@ 4' to 12' – odor
@ 12' to 16' – black staining

Saturated Soils

@ 15'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-67 *Building Interior ESE of RW-2*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110*
	DATE: 2012-02-02 DRILLER (RIG) Todd Syska (6620DT Geoprobe, 4' macro-core)	
	ESI STAFF: R. Hooker WEATHER: Clear to overcast, light wind, 40s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4'	Black to Brown SAND (F, dense), likely fill	dry	0.0	ND	ND	ND	
4 – 8'	Gray-Green Silty SAND (F)	dry	0.6	Yes	ND	ND	
8 – 12'	Gray Silty SAND (VF)	moist	1.0	Yes	ND	ND	
12 – 16'	Gray SAND (F) over Gray SAND (C) ****** Saturated at 15' ***** ****** End of Boring at 16' *****	wet	0.0	Yes	ND	Yes	**(12-14')**

Notes

Fill Materials

Likely fill from surface to approximately 4'

Field Evidence of Contamination

@ 4' to 12' – odor
@ 14' to 15' – LNAPL

Saturated Soils

Beneath LNAPL at 15'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-68 *Building Interior, W of RW-3*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110*
	DATE: 2012-02-01 DRILLER (RIG) Todd Syska (6620DT Geoprobe, 4' macro-core)	
	ESI STAFF: R. Hooker WEATHER: Overcast, windy, 50s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4'	Concrete and Brick fragments, obvious fill	dry	0.0	ND	ND	ND	
4 – 8'	No recovery	---	---	---	---	---	
8 – 12'	Gray-Brown SAND (C)	moist	0.0	Yes	ND	ND	
12 – 16'	Gray-Brown SAND (C) ****** Saturated at 15' ***** ****** End of Boring at 16' *****	wet	0.0	Yes	Yes	Yes	**(12-13.5')**

Notes

Fill Materials

Fill from surface to approximately 4'

Field Evidence of Contamination

@ 8' to 16' – odor
@ 13.5' to 14' – LNAPL

Saturated Soils

Beneath LNAPL at 14'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-69 *Interior* *NW of MW-35*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE* *SB09110*
	DATE: 2012-02-01 DRILLER (RIG) Todd Syska (6620DT Geoprobe, 4' macro-core)	
	ESI STAFF: R. Hooker WEATHER: Overcast, windy, 50s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4'	Brown SAND (F-M)	dry	0.0	ND	ND	ND	
4 – 8'	Brown SAND (F-M)	moist	0.0	ND	ND	ND	
8 – 12'	Brown to Tan SAND (F-M) ****** End of Boring at 12' *****	moist	0.0	ND	ND	ND	

Notes

Fill Materials

Obvious fill not noted

Field Evidence of Contamination

None

Saturated Soils

Not encountered

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-70 *Building Interior, dock E of IHWDS, W of MW-40* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2012-02-01 DRILLER (RIG) Todd Syska (6620DT Geoprobe, 4' macro-core)	
	ESI STAFF: R. Hooker WEATHER: Overcast, windy, 50s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4'	Refusal (on concrete), no recovery ****** End of Boring at approximately 2" *****	---	---	---	---	---	**none**

Notes

Field Evidence of Contamination

No evidence of contamination, based on no significant PID readings at borehole

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-72 *Franklin St sidewalk (W)*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110*
	DATE: 2012-02-10 DRILLER (RIG) Soil Testing (rotary auger/hammer, 2' split spoon)	
SHEET 1 OF 1	ESI STAFF: R. Hooker WEATHER: Clear, light wind, 30-40s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 2'	Brown SAND (VF) with trace Gravel and Silt	dry	0.0	ND	ND	ND	
2 – 4'	Brown SILT with Clay and Sand (VF)	dry	0.0	ND	ND	ND	
4 – 6'	Brown SILT with Sand (VF)	dry	0.0	ND	ND	ND	
6 – 8'	Brown Silty CLAY	dry	0.0	ND	ND	ND	
8 – 10'	Brown SAND (VF-F) with Gravel and Silt	moist	0.0	ND	ND	Yes	
10 – 12'	Brown SAND (VF) and SILT	moist	0.0	ND	Yes	Yes	
12 – 14'	Brown SAND (VF) and SILT ****** Saturated at 13', End of Boring at 14' *****	wet	0.0	ND	ND	ND	**(13')**

Notes

Fill Materials

Obvious fill not noted

Field Evidence of Contamination

@ 9' to 12' – NAPL, @ 12' odor

Saturated Soils

@ 13'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-73 *Franklin/Dupont St, sidewalk (NE)*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110*
	DATE: 2012-02-16 DRILLER (RIG) Soil Testing (rotary auger/hammer, 2' split spoon)	
SHEET 1 OF 1	ESI STAFF: R. Hooker WEATHER: Overcast, light wind, low-40s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 2'	TOP SOIL, Brown SAND (VF-F) with Silt and Clay	dry	0.0	ND	ND	ND	
2 – 4'	Brown, Silty CLAY with trace Sand	dry	0.0	ND	ND	ND	
4 – 6'	Brown SAND (VF-F) with Silt	dry	0.0	ND	ND	ND	
6 – 8'	Brown CLAY and SILT with Sand (VF)	moist	0.0	ND	ND	ND	
8 – 10'	Brown SILT and SAND (VF) over Gray SAND (F-M) with trace Silt	wet	0.0	Yes	ND	ND	
10 – 12'	Brown and Gray SAND (F-M) with Gravel	moist	0.0	ND	ND	Yes	
12 – 14'	Brown and Gray SAND (F-M) with trace Sand (C) and Silt ****** Saturated at 13.5', End of Boring at 14' *****	wet	0.0	Yes	ND	ND	**(13.5')**

Notes

Fill Materials

Obvious fill not noted

Field Evidence of Contamination

@ 10' to 12' – NAPL, @ 9' and 13.5' odor

Saturated Soils

@ 9' perched, @13.5' saturated

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-74 *Clay Street, sidewalk (S)*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110*
	DATE: 2012-02-16 DRILLER (RIG) Soil Testing (rotary auger/hammer, 2' split spoon)	
SHEET 1 OF 1	ESI STAFF: R. Hooker WEATHER: Overcast, light wind, low-40s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 2'	Brown SAND (F-M) with Gravel, ash and brick (fill) over Brown SAND (F-M) with Silt	dry	0.0	ND	ND	ND	
2 – 4'	Brown SAND (F-M) with Gravel	dry	0.0	ND	ND	ND	
4 – 6'	Brown SILT with Sand (F) with trace wood	dry	0.0	ND	ND	ND	
6 – 8'	Brown SAND (VF) with Silt	dry	0.0	ND	ND	ND	
8 – 10'	Brown SAND (VF-M) with Gravel	wet	0.0	ND	ND	ND	
10 – 12'	Brown SILT with Sand (VF)	moist	0.0	ND	ND	ND	
12 – 14'	Brown SAND (VF) and SILT over Brown SILT with Sand (VF) ****** Saturated at 13', End of Boring at 14' *****	wet	0.0	ND	ND	ND	**(13')**

Notes

Fill Materials

Fill from surface to approximately 1.5'

Field Evidence of Contamination

none

Saturated Soils

@ 9.5' perched, @13' saturated

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-77A *Building Interior, loading dock E of IHWDS* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2012-02-01 DRILLER (RIG) Todd Syska (6620DT Geoprobe, 4' macro-core)	
	ESI STAFF: R. Hooker WEATHER: Overcast, windy, 50s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4'	Brown SAND (F) with brick dust, Fill	dry	1.8	ND	ND	ND	
4 – 8'	Brown SAND (F-M)	dry	2.8	ND	ND	ND	
8 – 12'	Brown SAND (M) over Brown CLAY	moist	5.1	ND	ND	ND	
12 – 16'	Brown CLAY with Sand ****** End of Boring at 16' *****	moist	0.5	ND	ND	ND	

Notes

Fill Materials

Fill from surface to approximately 4'

Field Evidence of Contamination

Low level PID readings

Saturated Soils

Not encountered

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-78A *Building Interior, loading dock E of IHWDS* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2012-02-01 DRILLER (RIG) Todd Syska (6620DT Geoprobe, 4' macro-core)	
	ESI STAFF: R. Hooker WEATHER: Overcast, windy, 50s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4'	Brown SAND (M) with concrete dust, Fill	dry	0.2	ND	ND	ND	
4 – 8'	Brown SAND (M)	dry	0.2	ND	ND	ND	
8 – 12'	Brown CLAY, very firm	dry	0.2	ND	ND	ND	
12 – 16'	Brown CLAY with Sand, very firm ****** End of Boring at 16' *****	dry	0.0	ND	ND	ND	

Notes

Fill Materials

Fill from surface to approximately 4'

Field Evidence of Contamination

Low level PID readings

Saturated Soils

Not encountered

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-2 *Building Interior, E of MW-34*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110*
	DATE: 2013-08-01 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
(SHEET 1 OF 1)	ESI STAFF: A. Atkinson WEATHER: Overcast to rain, light wind, low-70s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown SAND (M), concrete dust and rock fragments, Brown Sandy LOAM (Fill)	dry	0.0	ND	Yes	ND	**(0-5')**
5 – 10'	Brown SAND (F-M)	moist	0.0	ND	ND	ND	
10 – 15'	Brown Clayey SAND (F-M) ****** Saturated at 13' ***** ****** End of Boring at 15' *****	wet	0.0	ND	ND	ND	**(10-15')**

Notes

Fill Materials

Fill from surface to approximately 5'

Field Evidence of Contamination

@ 1.5' – Black staining

Saturated Soils

@ 13'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-3 *Building Interior, E of MW-34 N of MW-35*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110*
	DATE: 2013-08-01 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
(SHEET 1 OF 1)	ESI STAFF: A. Atkinson WEATHER: Overcast to rain, light wind, low-70s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown SAND (M) (Fill)	dry	0.0	ND	Yes	ND	
5 – 10'	Brown SAND (M), concrete fragments (Fill)	moist	0.0	ND	ND	ND	
10 – 15'	Brown SAND (M) over Brown and Gray Silty CLAY ****** Saturated at 12' ***** ****** End of Boring at 15' *****	wet	0.0	ND	ND	ND	**(10-15')**

Notes

Fill Materials

Fill from surface to approximately 10'

Field Evidence of Contamination

@ 1.5' – Black staining

Saturated Soils

@ 12'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-4 *Building Interior, SE of MW-4, W of MW-35*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110*
	DATE: 2013-08-01 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
(SHEET 1 OF 1)	ESI STAFF: A. Atkinson WEATHER: Overcast to rain, light wind, low-70s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown SAND (M) (Fill?)	dry	0.0	ND	ND	ND	**(0-5')**
5 – 10'	Brown SAND (M)	moist	0.0	ND	ND	ND	
10 – 15'	Brown SAND (M) over Brown Silty CLAY ****** Saturated at 12' ***** ****** End of Boring at 15' *****	wet	0.0	ND	ND	ND	**(10-15')**

Notes

Fill Materials

Potential fill from surface to approximately 5'

Field Evidence of Contamination

None

Saturated Soils

@ 12'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-5 *Building Interior, W of MW-35* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136** *ESI FILE SB09110.55*
	DATE: 2013-08-01 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)
	ESI STAFF: A. Atkinson WEATHER: Overcast to rain, light wind, low-70s F

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Gray and Black SAND (VT) (fill?) over Brown SAND (M)	dry	0.0	ND	ND	ND	
5 – 10'	Brown SAND (M)	moist	0.0	ND	ND	ND	
10 – 15'	Brown SAND (M) over Silty CLAY (14-15') ****** Saturated at 12' *****	wet	102	ND	ND	Yes	**(10-15')**
15 – 20'	Brown Silty CLAY over Brown SAND (M) (14-15') ****** End of Boring at 20' *****	wet	7.2	ND	ND	ND	

Notes

Fill Materials

Potential fill from surface to approximately 5'

Field Evidence of Contamination

@ 12' (groundwater interface) – Sheen and peak PID reading of 102

Saturated Soils

@ 12'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-6 *Building Interior, SW of MW-35* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2013-08-01 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: A. Atkinson WEATHER: Overcast to rain, light wind, low-70s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown SAND (M) (Fill?)	dry	0.0	ND	ND	ND	
5 – 10'	Brown SAND (M)	moist	0.0	ND	ND	ND	
10 – 15'	Reddish-Brown SAND (M) and Brown SAND (F) over Brown Silty CLAY ****** Saturated at 12' ***** ****** End of Boring at 15' *****	wet	0.0	ND	ND	ND	**(10-15')**

Notes

Fill Materials

Potential fill from surface to approximately 5'

Field Evidence of Contamination

None

Saturated Soils

@ 12'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-7 *Building Interior, S of MW-40* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2013-08-01 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: A. Atkinson WEATHER: Overcast to rain, light wind, low-70s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown SAND (M) (Fill?)	dry	0.0	ND	ND	ND	
5 – 10'	Brown SAND (M)	moist	0.0	ND	ND	ND	
10 – 15'	Brown SAND (M) over Brown Silty CLAY over lenses of Dark SAND (VT) and Gray Sandy CLAY ****** Saturated at 12' ***** ****** End of Boring at 15' *****	wet	0.0	ND	ND	ND	**(10-15')**

Notes

Fill Materials

Potential fill from surface to approximately 5'

Field Evidence of Contamination

None

Saturated Soils

@ 12'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-8 *Building Interior, S of MW-40* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2013-08-01 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: A. Atkinson WEATHER: Overcast to rain, light wind, low-70s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown SAND (M) (Fill?)	dry	0.0	ND	ND	ND	
5 – 10'	Brown SAND (M)	moist	0.0	ND	ND	ND	
10 – 15'	Brown SAND (M) over Brown Silty CLAY over lenses of Brown to Gray SAND (VT), SILT and Silty CLAY ****** Saturated at 12' ***** ****** End of Boring at 15' *****	wet	0.0	ND	ND	ND	**(10-15')**

Notes

Fill Materials

Potential fill from surface to approximately 5'

Field Evidence of Contamination

None

Saturated Soils

@ 12'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-10 *Building Interior SE of MW-19* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2013-08-01 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: A. Atkinson WEATHER: Overcast to rain, light wind, low-70s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown SAND (C) with coal fragments over Brown SILT (Fill)	dry	0.0	ND	ND	ND	
5 – 10'	Brown SILT and SILTY CLAY over Gray SAND (VT) and Silty CLAY ****** Saturated at 6' ***** ****** End of Boring at 10' *****	wet	0.0	ND	ND	ND	

Notes

Fill Materials

Fill from surface to approximately 5'

Field Evidence of Contamination

None

Saturated Soils

@ 6'

OTHER

Boring completed to install soil vapor probe

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-11 *Building Interior, SW of MW-40* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2013-08-01 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: A. Atkinson WEATHER: Overcast to rain, light wind, low-70s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown SAND (M) (Fill?)	dry	0.0	ND	ND	ND	
5 – 10'	Brown SAND (M)	moist	0.0	ND	ND	ND	
10 – 15'	Reddish-Brown SAND (M) over Brown and Brownish-Gray Silty CLAY ****** End of Boring at 15' *****	moist	0.0	ND	ND	ND	**(10-15')**

Notes

Fill Materials

Potential fill from surface to approximately 5'

Field Evidence of Contamination

None

Saturated Soils

Not encountered

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-12 *Building Interior, E of MW-4* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2013-11-25 DRILLER (RIG) Manual borings, Geoprobe, 2' barrel	
	ESI STAFF: A. Atkinson WEATHER: Clear, light wind, mid-20s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 2'	Brown SAND (F-M) ****** End of Boring at 2' *****	dry	0.0	ND	ND	ND	**(0-2')**

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

Not encountered

Field Evidence of Contamination

Not encountered

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-13 *Building Interior, SW of MW-4* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2013-11-25 DRILLER (RIG) Manual borings, Geoprobe, 2' barrel	
	ESI STAFF: A. Atkinson WEATHER: Clear, light wind, mid-20s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 2'	Brown SAND (F-M) ****** End of Boring at 2' *****	dry	0.0	ND	ND	ND	**(0-2')**

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

Not encountered

Field Evidence of Contamination

Not encountered

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-14 *Building Interior, NE of MW-34* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2013-11-25 DRILLER (RIG) Manual borings, Geoprobe, 2' barrel	
	ESI STAFF: A. Atkinson WEATHER: Clear, light wind, mid-20s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 2'	Brown SAND (F-M) ****** End of Boring at 2' *****	dry	0.0	ND	ND	ND	**(0-2')**

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

Not encountered

Field Evidence of Contamination

Not encountered

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-15 *Building Interior, NW of MW-34* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2013-11-25 DRILLER (RIG) Manual borings, Geoprobe, 2' barrel	
	ESI STAFF: A. Atkinson WEATHER: Clear, light wind, mid-20s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 2'	Brown SAND (F-M) ****** End of Boring at 2' *****	dry	0.0	ND	ND	ND	**(0-2')**

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

Not encountered

Field Evidence of Contamination

Not encountered

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

3SB-3A *Clay Street, sidewalk (S)* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136** *ESI FILE SB09110.55*
	DATE: 2014-09-22 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)
	ESI STAFF: S. Spitzer WEATHER: Overcast, light wind, mid-60s F

BORING INTERVAL	SURFACE MATERIAL: CONCRETE SIDEWALK (3-4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown M SAND	dry	0.0	ND	ND	ND	**(0-5')**
5 – 10'	Brown SAND (M-C)	moist	0.0	ND	ND	ND	
10 – 15'	Brown SAND (M-C), some Brown CLAY below 11' ****** Saturated at 11' ***** ****** End of Boring at 15' (refusal)*****	wet	107	ND	ND	ND	**(10-15')**

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

@ 11 - 15'

Field Evidence of Contamination

Elevated PID reading at groundwater interface, no other obvious contamination observed

OTHER

Located 2' west of MW-08, refusal at 15', offset 2' west to complete 3SB-03B

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

3SB-3B *Clay Street, sidewalk (S)* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2014-09-22 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: S. Spitzer WEATHER: Overcast, light wind, mid-60s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE SIDEWALK (3-4") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 15'	****** Push pre-probe rod to 15', no recovery *****	n/a	0.0	ND	n/a	n/a	
15 – 20'	Brown C SAND, Gravely, some Clayey	wet	18	ND	ND	ND	**(15-20')**
20 – 25'	(20-21.5') Brown M SAND, some Gravel (21.5-25') Red and Gray, dense CLAY ****** End of Boring at 25' *****	wet dry	0.0 0.0	ND ND	ND ND	ND ND	

Notes

Fill Materials

Obvious fill not noted from 15 – 25'

Saturated Soils

@ 15 – 21.5', then dry, dense confining layer of clay to 25'

Field Evidence of Contamination

Low-level PID reading in upper saturated soil, no other obvious contamination observed

OTHER

Offset boring extended to complete boring 3SB-03A, pre-drill to 15'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

3SB-4 *Clay Street, sidewalk (S)* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136** *ESI FILE SB09110.55*
	DATE: 2014-09-22 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)
	ESI STAFF: S. Spitzer WEATHER: Overcast, light wind, mid-60s F

BORING INTERVAL	SURFACE MATERIAL: CONCRETE SIDEWALK (3-4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown M SAND	dry	0.0	ND	ND	ND	**(0-5')**
5 – 10'	Brown SAND (M-C)	moist	0.0	ND	ND	ND	
10 – 15'	Brown M(some)-C SAND ****** Saturated at 11' *****	wet	30	ND	ND	ND	
15 – 20'	Brown C SAND, Gravely, some Silty	wet	38	ND	ND	ND	**(15-20')**
20 – 25'	(20-21.5') Brown M SAND, some Gravel (21.5-25') Red and Gray, dense CLAY ****** End of Boring at 25' *****	wet dry	0.0 0.0	ND ND	ND ND	ND ND	**(20-25')**

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

@ 11 – 21.5', then dry, dense confining layer of clay to 25'

Field Evidence of Contamination

Elevated PID readings in saturated soils, no other obvious contamination observed

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

3SB-5 *Clay Street, sidewalk (S)* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136** *ESI FILE SB09110.55*
	DATE: 2014-09-22 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)
	ESI STAFF: S. Spitzer WEATHER: Overcast, light wind, mid-60s F

SURFACE MATERIAL: CONCRETE SIDEWALK (3-4")

BORING INTERVAL	SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown SAND (F) over Brown SILT	dry	0.0	ND	ND	ND	**(0-5')**
5 – 10'	Brown SAND (F), almost dry	moist	0.0	ND	ND	ND	
10 – 15'	Brown CLAY, SAND (F)	moist	11	ND	ND	ND	
15 – 20'	Brown CLAY, little SAND (F)	moist	0.0	ND	ND	ND	**(15-20')**
20 – 25'	Red, Brown and Gray CLAY, dense, almost dry ****** End of Boring at 25' *****	dry	0.0	ND	ND	ND	**(20-25')**

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

Not noted, moist soil between 10 – 20', then dense almost dry layer of clay to 25'

Field Evidence of Contamination

Low-level PID readings in moist soils near presumed groundwater interface, no other obvious contamination observed

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

3SB-6 *Building Interior, SW of MW-34* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2014-09-24 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: S. Spitzer WEATHER: Clear to overcast, light wind, mid-60s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 20'	****** Push pre-probe rod to 20', no recovery *****	n/a	0.0	ND	n/a	n/a	
20 – 25'	Gray, CLAY, dense and dry (crumbles easily)	dry	4.7	ND	ND	ND	**(20-25')**
25 – 30'	Gray, CLAY, with Red layers, trace gravel, dense and dry (crumbles easily) ****** End of Boring at 30' *****	dry	1.1	ND	ND	ND	**(25-30')**

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

Not noted, dense dry layer of clay to 30'

Field Evidence of Contamination

Minimal low-level PID readings, no other obvious contamination observed

OTHER

Offset boring extended to provide additional deep soil data in the vicinity of MW-34

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

3SB-7 *Building Interior, NNE of MW-34* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2014-09-24 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: S. Spitzer WEATHER: Clear to overcast, light wind, mid-60s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown SAND (F), almost dry	moist	5.5	ND	ND	ND	**(0-5')**
5 – 10'	Brown SAND (F-M), almost dry	moist	3.4	ND	ND	ND	
10 – 15'	Brown SAND (F-M), Clayey, increasing moisture at 14-15'	moist	27	ND	ND	ND	**(10-15')**
15 – 18'	Brown SAND (F-M), Clayey over Brown Clay, Sandy, rock at tip of corer ****** End of Boring at 18' (refusal) *****	moist	21	ND	ND	ND	

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

Not noted, moist soil between 14 – 18'

Field Evidence of Contamination

Elevated PID readings noted at borehole (68 ppm) and in moist soils (peak 27 ppm), no other obvious contamination observed

OTHER

Refusal at 18', likely on rock inclusion

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

3SB-8 *Building Interior, NE of MW-34* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2014-09-24 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: S. Spitzer WEATHER: Clear to overcast, light wind, mid-60s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown SAND (F), almost dry	moist	3.4	ND	ND	ND	**(0-5')** **[duplicate collected]**
5 – 10'	Brown SAND (F-M), almost dry	moist	2.7	ND	ND	ND	
10 – 15'	Brown SAND (F-M), Clayey, increasing moisture at 14-15'	moist	5.6	ND	ND	ND	
15 – 20'	(15-17') Brown SAND (M-C) (17-20') Brown SAND (M-C), Clayey over Gray CLAY, Sandy, some gravel ****** Saturated at 15' *****	wet	75	ND	ND	ND	**(15-20')**
20 – 25'	Surface fall-in over Gray CLAY, dense and dry (crumbles easily) ****** End of Boring at 25' *****	dry	3.7	ND	ND	ND	

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

@ 15 – 20', then dry, dense confining layer of clay to 25'

Field Evidence of Contamination

Elevated PID readings noted at borehole (79 ppm) and in saturated soils (75 ppm), no other obvious contamination observed

OTHER

Duplicate sample (3SB-Dup) collected at the 0-5' interval

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

3SB-9 *Building Interior, S of MW-8* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2014-09-24 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: S. Spitzer WEATHER: Clear to overcast, light wind, mid-60s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown SAND (F), some Gravel, almost dry	moist	5	ND	ND	ND	**(0-5')** **[duplicate collected]**
5 – 10'	Brown SAND (F-M), some Gravel, almost dry	moist	3.9	ND	ND	ND	
10 – 15'	Brown Clayey SAND (F-M), increasing moisture at 14-15'	moist	8	ND	ND	ND	
15 – 20'	(15-17') Brown SAND (M-C) (17-20') Brown Clayey SAND (M-C) over Gray Sandy CLAY, some gravel ****** Saturated at 15' *****	wet	42	ND	ND	ND	**(15-20')**
20 – 25'	Surface fall-in over Gray CLAY, dense and dry (crumbles easily) ****** End of Boring at 25' *****	dry	ND	ND	ND	ND	**(20-25')**

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

@ 15 – 20', then dry, dense confining layer of clay to 25'

Field Evidence of Contamination

Elevated PID readings noted at borehole (32 ppm) and in saturated soils (42 ppm), no other obvious contamination observed

OTHER

Duplicate sample (3SB-Dup) collected at the 0-5' interval

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-17 *Clay Street, sidewalk (S)*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110*
	DATE: 2012-02-15 DRILLER (RIG) Soil Testing (rotary auger/hammer, 2' split spoon)	
(SHEET 1 OF 1)	ESI STAFF: R. Hooker WEATHER: Overcast, light wind, low-40s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE SIDEWALK (3-4") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 2'	Gray SAND (F-M) with trace Gravel and Silt	dry	0.0	ND	ND	ND	
2 – 4'	Brown SAND (VF) with trace Silt	dry	0.0	ND	ND	ND	
4 – 6'	Brown SILT, trace Sand (VF)	dry	0.0	ND	ND	ND	
6 – 8'	Brown SILT, trace Sand (VF) and Clay	moist	0.0	ND	ND	ND	
8 – 10'	Brown SILT, trace Sand (VF) and Clay	moist	0.0	ND	ND	ND	
10 – 12'	Brown SILT, trace Sand (VF) and Clay	moist	0.0	ND	ND	ND	
12 – 14'	Brown SILT, trace Sand (VF) and Clay	moist	0.0	ND	ND	ND	**(14')**
14 – 16'	Brown SILT, some Clay, lenses of Sand (F) ****** End of Soil Recovery at 16' *****	wet	0.0	ND	ND	ND	

Notes

Fill Materials

Obvious fill not noted

Field Evidence of Contamination

None

Saturated Soils

@ 15'

OTHER

Auger 16' to 20', installed 2" monitoring well, screen from 5-20', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-18 (SB-76) Clay Street, sidewalk (S) (SHEET 1 OF 1)	Remedial Investigation Report Former NuHart Plastic Manufacturing, Brooklyn, New York NYSDEC IHWD Site No. 224136	ESI FILE SB09110
	DATE: 2012-02-15 DRILLER (RIG) Soil Testing (rotary auger/hammer, 2' split spoon)	
	ESI STAFF: R. Hooker WEATHER: Overcast, light wind, low-40s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE SIDEWALK (3-4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 2'	Brown SAND (F-M) with trace Gravel and Silt, ash and concrete, fill	dry	0.0	ND	ND	ND	
2 – 4'	Brown SAND (F-M) with trace Gravel and Silt	dry	0.0	ND	ND	ND	
4 – 6'	Brown SAND (F), trace Silt	dry	0.0	ND	ND	ND	
6 – 8'	Brown SAND (F-M) with some Sand (C) and Gravel (F)	dry	0.0	ND	ND	ND	
8 – 10'	Brown SILT, some Clay, lenses of Sand (F)	moist	0.0	ND	ND	ND	
10 – 12'	Brown SILT, some Clay, lenses of Sand (F)	moist	0.0	ND	ND	ND	
12 – 14'	Brown SILT, some Clay, lenses of Sand (F)	moist	0.0	ND	ND	ND	**(15')**
14 – 16'	Brown SILT, some Clay, lenses of Sand (F) ****** End of Soil Recovery at 16' *****	wet	0.0	ND	ND	ND	

Notes

Fill Materials

Fill from surface to approximately 1.5'

Field Evidence of Contamination

None

Saturated Soils

@ 15'

OTHER

Auger 16' to 20', installed 2" monitoring well, screen from 5-20', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-19 *Building Interior, Spill Site*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI File SB09110*
	Date: 2012-02-02 Driller (Rig) Soil Testing (rotary auger/hammer, 2' split spoon)	
Sheet 1 of 1	ESI Staff: R. Hooker Weather: Clear to overcast, light wind, 40s F	

Boring Interval	Surface Material: concrete building slab (4-8") **Soil / Material Description**	Moisture	PID (ppm)	Odors	Staining	NAPL	Samples Collected
0 – 2'	Brown SAND (VT) with Silt, Gravel (F), concrete and ash, obvious fill	dry	0.0	ND	ND	ND	
2 – 4'	Brown SAND (F-M) with Silt	dry	0.0	ND	ND	ND	
4 – 6'	Brown SILT and SAND (VF)	moist	0.0	ND	Yes	ND	
6 – 8'	Brown and Gray CLAY and SILT	moist	0.0	Yes	Yes	ND	
8 – 10'	Brown and Gray CLAY and SILT, Brown SILT with Clay	moist	22.0	Yes	Yes	ND	
10 – 12'	Gray SILT with some Sand (VF)	wet	36.2	Yes	Yes	Yes	**(10-12')**
12 – 14'	Gray SILT with some Sand (VF)	wet	32.2	Yes	Yes	Yes	
14 – 16'	Brown Clayey SILT with some Sand (VF)	wet	7.1	Yes	ND	ND	
16 – 18'	Brown SILT with trace Sand (VF)	wet	0.0	Yes	ND	ND	
18 – 20'	Gray Clayey SILT with some Sand (VF)	wet	0.0	Yes	ND	ND	

Notes

Fill Materials

Fill from surface to approximately 6'

Field Evidence of Contamination

@ 4' to 20' – odors and/or staining, @ 10' to 14' NAPL

Saturated Soils

@ 11'

OTHER

Installed 2" monitoring well, screen from 5-20', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-20 (SB-75) *Dupont Street, sidewalk (S)*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110*
	DATE: 2012-02-16 DRILLER (RIG) Soil Testing (rotary auger/hammer, 2' split spoon)	
(SHEET 1 OF 1)	ESI STAFF: R. Hooker WEATHER: Overcast, light wind, low-40s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE SIDEWALK (3-4") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 2'	Brown SAND (VF) with Silt	dry	0.0	ND	ND	ND	
2 – 4'	Brown SAND (VF) with Silt	dry	0.0	ND	ND	ND	
4 – 6'	Tan SAND (F-C) with Gravel	dry	0.0	ND	ND	ND	
6 – 8'	Light Brown SAND (F-C) with Gravel	dry	0.0	ND	ND	ND	
8 – 10'	Light Brown SAND (F-C) with Gravel	moist	0.0	ND	ND	ND	
10 – 12'	Gray SAND (F-C) with Gravel	wet	0.0	Yes	ND	ND	
12 – 14'	No recovery	-	-	-	-	-	
14 – 16'	Brown SAND (VF-M) with trace Silt ****** End of Soil Recovery at 16' *****	wet	0.0	Yes	ND	Yes	

Notes

Fill Materials

Obvious fill not noted

Field Evidence of Contamination

@ 10' to 16' – odors, @16' NAPL

Saturated Soils

@ 10'

OTHER

Auger 16' to 20', installed 2" monitoring well, screen from 5-20', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-21 *Building Interior*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI File SB09110*
	Date: 2012-02-10 Driller (Rig) Soil Testing (rotary auger/hammer, 2' split spoon)	
(Sheet 1 of 1)	ESI Staff: R. Hooker Weather: Clear, light wind, 30-40s F	

Boring Interval	Surface Material: concrete building slab (4-8") **Soil / Material Description**	Moisture	PID (ppm)	Odors	Staining	NAPL	Samples Collected
0 – 2'	Brown SAND (F-M), some Gravel (F), ash/wood (Fill)	dry	0.0	ND	ND	ND	
2 – 4'	Brown SAND (F-M), some Gravel, Fill	dry	0.0	ND	ND	ND	
4 – 6'	Brown SILT, some Sand (VF)	moist	0.0	ND	ND	ND	
6 – 8'	No recovery	---	---	---	---	---	
8 – 10'	Brown SAND (F-M), some Silt	moist	0.0	ND	ND	ND	
10 – 12'	Brown-Gray Sandy SILT	moist	0.0	ND	ND	ND	
12 – 14'	Brown and Gray Sandy SILT, some Clay ****** Saturated at 13' *****	wet	1.0	Yes	ND	Yes	**(14')**
14 – 16'	Gray-Brown Clayey SILT over SAND (VF) ****** End of Soil Recovery at 16' *****	wet	0.0	Yes	ND	Yes	

Notes

Fill Materials

Fill from surface to approximately 4'

Field Evidence of Contamination

@ 13' to 16' – odors and NAPL

Saturated Soils

@ 13'

OTHER

Auger 16' to 20', installed 2" monitoring well, screen from 5-20', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-22 (SB-71) Building Interior	Remedial Investigation Report Former NuHart Plastic Manufacturing, Brooklyn, New York NYSDEC IHWD Site No. 224136	ESI File SB09110
	Date: 2012-02-10 Driller (Rig) Soil Testing (rotary auger/hammer, 2' split spoon)	
Sheet 1 of 1	ESI Staff: R. Hooker Weather: Clear, light wind, 30-40s F	

Boring Interval	Surface Material: concrete building slab (4-8") Soil / Material Description	Moisture	PID (ppm)	Odors	Staining	NAPL	Samples Collected
0 – 2'	Brown SAND (VT) with Gravel, brick, concrete and ash, obvious fill	dry	0.0	ND	ND	ND	
2 – 4'	Brown SAND (VT) with Gravel, brick, concrete and ash, obvious fill	dry	0.0	ND	ND	ND	
4 – 6'	Brown SAND (VT) with Gravel, brick, concrete and ash, obvious fill	dry	0.0	ND	ND	ND	
6 – 8'	No recovery	dry	0.0	ND	ND	ND	
8 – 10'	Brown SAND (F-M), some Gravel (F), trace Silt	moist	0.0	ND	ND	ND	
10 – 12'	Brown SAND (F-M) ****** Saturated at 10' *****	wet	0.0	Yes	ND	ND	
12 – 14'	Gray SAND (F-C), some Gravel (F) ****** End of Soil Recovery at 14' *****	wet	1.0	ND	ND	Yes	**(14')**

Notes

Fill Materials

Fill from surface to approximately 6'

Field Evidence of Contamination

@ 10' to 12' – odors, @ 12' to 16' NAPL

Saturated Soils

@ 10'

OTHER

Refusal at 7', offset 2' to complete, auger 14' to 20', installed 2" monitoring well, screen from 5-20', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-23 *Franklin Street, sidewalk (E)*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110*
	DATE: 2012-07-25 DRILLER (RIG) Soil Testing (rotary auger/hammer, 2' split spoon)	
SHEET 1 OF 1	ESI STAFF: M. Pentz WEATHER: Clear, light wind, low-70s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE SIDEWALK (3-4") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 2'	Brown SAND (F-M) and SILT with Gravel, brick, obvious fill	dry	0.0	ND	ND	ND	
2 – 4'	Brown SAND (F-M) and SILT with Gravel, brick, obvious fill	dry	0.0	ND	ND	ND	
4 – 6'	Brown SAND (VF-M)	dry	0.0	ND	ND	ND	
6 – 8'	Brown SAND (VF-M)	dry	0.0	ND	ND	ND	
8 – 10'	Brown SAND (VF-M)	moist	0.0	ND	ND	ND	
10 – 12'	Brown SAND (VF-M) ****** Saturated at 10.5' *****	wet	0.0	ND	ND	ND	**(10-12')**
12 – 14'	Brown SAND (VF-M) ****** End of Soil Recovery at 16' *****	wet	0.0	ND	ND	ND	

Notes

Fill Materials

Fill from surface to approximately 4'

Field Evidence of Contamination

None

Saturated Soils

@ 10.5'

OTHER

Auger 14' to 20', installed 2" monitoring well, screen from 8-18', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: **VF** (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-24 *Corner of Franklin and Dupont (SW), sidewalk*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110*
	DATE: 2012-07-25 DRILLER (RIG) Soil Testing (rotary auger/hammer, 2' split spoon)	
SHEET 1 OF 1	ESI STAFF: M. Pentz WEATHER: Clear, light wind, low-70s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE SIDEWALK (3-4") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Tailings: Brown SAND (F-M), SILT, GRAVEL (F-C)	dry	0.0	ND	ND	ND	
5 – 7'	Brown SAND (F-M) with Silt and Gravel (F-C)	moist	0.0	ND	ND	ND	
7 – 9'	Brown SAND (F-M) with Silt and Gravel (F-C)	moist	0.0	ND	ND	ND	
9 – 11'	Brown SAND (VF-M) ****** Saturated at 10.5' *****	wet	0.0	ND	ND	ND	**(7-9')**
11 – 13'	Brown SAND (VF-M)	wet	0.0	ND	ND	ND	
13 – 15'	Brown SAND (VF-M) ****** End of Soil Recovery at 15' *****	wet	0.0	ND	ND	ND	

Notes

Fill Materials

Obvious fill not noted

Field Evidence of Contamination

None

Saturated Soils

@ 9'

OTHER

Refusal at 3.5', offset to complete well, auger to 5', sample soil from 5' to 15', auger to 20', installed 2" monitoring well, screen from 8-18', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-25 *Corner of Franklin and Dupont (NW), sidewalk*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110*
	DATE: 2012-07-25 DRILLER (RIG) Soil Testing (rotary auger/hammer, 2' split spoon)	
SHEET 1 OF 1	ESI STAFF: M. Pentz WEATHER: Clear, light wind, low-70s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE SIDEWALK (3-4") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 2'	Brown SAND (F-C), SILT, GRAVEL (F-C), brick, obvious fill	dry	0.0	ND	ND	ND	
2 – 4'	Brown SAND (F-C), SILT, GRAVEL (F-C), brick, obvious fill	dry	26.3	ND	ND	ND	
4 – 6'	Brown SAND (F-C), SILT, GRAVEL (F-C), brick, obvious fill	dry	43.3	ND	ND	ND	
6 – 8'	Brown SILT with Sand (F-M)	dry	43.0	ND	ND	ND	
8 – 10'	Brown SILT with Sand (F-M)	very moist	112	ND	ND	ND	
10 – 12'	Brown SAND (F-C) with some Gravel (F) ****** Saturated at 10' *****	wet	232	ND	ND	Yes	**(10-12')**
12 – 14'	Brown SAND (F-C) with some Gravel (F) ****** End of Soil Recovery at 14' *****	wet	344	ND	ND	Yes	

Notes

Fill Materials

Fill from surface to approximately 6'

Field Evidence of Contamination

@ 2' to 14' increasing PID readings, @ 10' to 14' NAPL

Saturated Soils

@ 10'

OTHER

Auger 14' to 20', installed 2" monitoring well, screen from 8-18', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-26 *Corner of Franklin and Dupont (SE), sidewalk* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2012-09-24 DRILLER (RIG) Soil Testing (rotary auger/hammer, 2' split spoon)	
	ESI STAFF: M. Pentz WEATHER: Partly cloudy, light wind, 80s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE SIDEWALK (3-4") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 10'	Tailings: 0 to 1.5' fill (asphalt, brick, SAND/GRAVEL) Tailings: 1.5 to 10' Brown SILT, SAND (F-C) and GRAVEL (F-C)	dry dry	0.0 0.0	ND ND	ND ND	ND ND	
10 – 12'	Brown SAND (F-C), some Silt and Gravel (F-C) ****** Saturated at 10' *****	wet	2.4	ND	ND	Yes	**(10-12')**
12 – 14'	Brown SAND (F-C), some Silt and Gravel (F-C)	wet	4.2	ND	ND	Yes	
14 – 16'	Brown SAND (F-C), some Silt and Gravel (F-C) ****** End of Soil Recovery at 16' *****	wet	0.0	ND	ND	ND	

Notes

Fill Materials

Fill from surface to approximately 1.5'

Field Evidence of Contamination

@ 2' to 14' increasing PID readings, @ 10' to 14' NAPL

Saturated Soils

@ 10'

OTHER

Auger to 10', sample soil from 10' to 16', auger to 20', installed 2" monitoring well, screen from 10-20', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-27 *Dupont Street, sidewalk (S)* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136** *ESI FILE SB09110.55*
	DATE: 2012-09-24 DRILLER (RIG) Soil Testing (rotary auger/hammer, 2' split spoon)
	ESI STAFF: M. Pentz WEATHER: Partly cloudy, light wind, 80s F

BORING INTERVAL	SURFACE MATERIAL: CONCRETE SIDEWALK (3-4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 10'	Tailings: Brown SILT, SAND (F-C) and GRAVEL (F-C)	dry	0.0	ND	ND	ND	
10 – 12'	Brown SAND (VF-C), some Silt	wet	0.0	ND	ND	ND	**(10-12')**
12 – 14'	Brown SAND (VF-C), some Silt ****** Saturated at 12' *****	wet	0.0	ND	ND	ND	
14 – 16'	Brown SAND (VF-C), some Silt ****** End of Soil Recovery at 16' *****	wet	0.0	ND	ND	ND	

Notes

Fill Materials

Obvious fill not noted

Field Evidence of Contamination

None

Saturated Soils

@ 12'

OTHER

Auger to 10', sample soil from 10' to 16', auger to 20', installed 2" monitoring well, screen from 10-20', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-28 *Franklin Street, sidewalk (E)*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110*
	DATE: 2013-01-08 DRILLER (RIG) Soil Testing (rotary auger/hammer, 2' split spoon)	
SHEET 1 OF 1	ESI STAFF: M. Pentz WEATHER: Clear, windy, 30-40s	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE SIDEWALK (3-4") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Tailings: Brown SAND (F-C), some GRAVEL (F)	dry	0.0	ND	ND	ND	
5 – 7'	Brown SAND (F-C)	moist	0.0	ND	ND	ND	
7 – 10'	Tailings: Brown SAND (F-C)	moist	0.0	ND	ND	ND	
10 – 12'	Brown SAND (VF-F) and SILT, some Gravel (F) ****** Saturated at 11' *****	wet	0.0	ND	ND	ND	**(10-12')**
12 – 15'	Tailings: Brown SAND (VF-F), SILT, some Gravel (F)	wet	0.0	ND	ND	ND	
15 – 17'	Brown SAND (VF-M) ****** End of Soil Recovery at 17' *****	wet	0.0	ND	ND	ND	

Notes

Fill Materials

Obvious fill not noted

Field Evidence of Contamination

None

Saturated Soils

@ 11'

OTHER

Auger to 5', sample soil 5' to 7', 10' to 12' and 15' to 17' (auger in between and from 17' to 20'), installed 2" monitoring well, screen from 10-20', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-29 *Dupont Street, sidewalk (S)*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110*
	DATE: 2013-01-08 DRILLER (RIG) Soil Testing (rotary auger/hammer, 2' split spoon)	
SHEET 1 OF 1	ESI STAFF: M. Pentz WEATHER: Clear, light wind, upper 30s to lower 40s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE SIDEWALK (3-4") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 2'	Brown SAND (F-M), some Sand (C) and Gravel (F)	dry	0.0	ND	ND	ND	
2 – 4'	Brown SAND (F-M), some Sand (C) and Gravel (F)	dry	0.0	ND	ND	ND	
4 – 6'	No recovery	dry	0.0	ND	ND	ND	
6 – 8'	Brown SAND (M) with trace Silt	dry	0.0	ND	ND	ND	
8 – 10'	Brown SAND (M-C) with some Gravel (F) and trace Silt	moist	0.0	ND	ND	ND	
10 – 12'	Brown SAND (F-M) with some Sand (C) and Gravel (F), with trace Silt ****** Saturated at 11' ***** ****** End of Soil Recovery at 12' *****	wet	0.0	ND	ND	ND	**(10-12')**

Notes

Fill Materials

Obvious fill not noted

Field Evidence of Contamination

None

Saturated Soils

@ 11'

OTHER

Auger 12' to 20', installed 2" monitoring well, screen from 10-20', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: **VF** (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-30 *Dupont Street, sidewalk (N)* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2013-07-31 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: A. Atkinson WEATHER: Clear to partly cloudy, calm, 70s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE SIDEWALK (3-4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown SAND (F-M) with Silt	dry	0.0	ND	ND	ND	
5 – 10'	Brown SAND (F-M) with Silt	Sl. moist	0.0	ND	ND	ND	
10 – 15'	Brown SAND (M-C), trace Silt ****** Saturated at 10' *****	wet	0.0	ND	ND	ND	**(10-15')**
15 – 20'	Poor recovery, Gray and Brown SAND (C) ****** End of Boring at 20' *****	wet	0.0	ND	ND	ND	

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

@ 10''

Field Evidence of Contamination

None

OTHER

Installed 2" monitoring well, screen (pre-packed) from 5-20', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-31 *Commercial St, sidewalk (S)* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2013-07-31 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: A. Atkinson WEATHER: Clear to partly cloudy, calm, 70s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE SIDEWALK (3-4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown SAND (F-M) with Silt	dry	0.0	ND	ND	ND	
5 – 10'	5 to 7': Brown SAND (F-M) with Silt 7 to 10': Yellowish-Brown Silty CLAY	Sl. moist moist	0.0 0.0	ND ND	ND ND	ND ND	
10 – 15'	Brown SAND (M-C), some Silt ****** Saturated at 10' *****	wet	0.0	ND	ND	ND	**(10-15')**
15 – 20'	Poor recovery, Gray and Brown SAND (C) ****** End of Boring at 20' *****	wet	0.0	ND	ND	ND	

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

@ 10''

Field Evidence of Contamination

None

OTHER

Installed 2" monitoring well, screen (pre-packed) from 8-18', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-32 *Franklin Street, sidewalk (W)* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2013-07-31 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: A. Atkinson WEATHER: Clear to partly cloudy, calm, 70s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE SIDEWALK (3-4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	0 to 3': Brown SAND (F-M) with Silt 3 to 5': Yellowish-Brown Silty CLAY	dry	0.0	ND	ND	ND	**(0-5')**
5 – 10'	Yellowish-Brown Silty CLAY	Sl. moist	0.0	ND	ND	ND	
10 – 15'	10 to 13': Yellowish-Brown Silty CLAY 13 to 15': Dark SAND (M-C) ****** Saturated at 12.5' *****	wet wet	0.0 0.0	ND Yes	ND Yes	ND ND	**(10-15')**
15 – 20'	Poor recovery, Gray and Brown SAND (C) over dense Reddish Brown CLAY ****** End of Boring at 20' *****	wet	0.0	ND	ND	ND	

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

@ 12.5''

Field Evidence of Contamination

None

OTHER

Installed 2" monitoring well, screen (pre-packed) from 10-20', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-34 **(2SB-1)** *Building Interior, NE of MW-4*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110*
	DATE: 2013-08-01 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
(SHEET 1 OF 1)	ESI STAFF: A. Atkinson WEATHER: Overcast to rain, light wind, low-70s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") **SOIL / MATERIAL DESCRIPTION**	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown SAND (M), Fill?	dry	0.0	ND	ND	ND	
5 – 10'	Brown SAND (M)	moist	0.0	ND	ND	ND	
10 – 15'	Brown SAND (M-C) over Brown Silty CLAY ****** Saturated at 12' *****	wet	0.0	ND	ND	ND	**(10-15')**
15 – 20'	Brown Silty CLAY ****** End of Boring at 20' *****	wet	0.0	ND	ND	ND	**(15-20')**

Notes

Fill Materials

Potential fill from surface to approximately 5'

Field Evidence of Contamination

None

Saturated Soils

@ 12'

OTHER

Installed 2" monitoring well, screen (pre-pack) from 10-20', stick-up casing

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-35 **(2SB-9)** *Building Interior*	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110*
	DATE: 2013-08-01 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
(SHEET 1 OF 1)	ESI STAFF: A. Atkinson WEATHER: Overcast to rain, light wind, low-70s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown SAND (M), Fill?	dry	0.0	ND	ND	ND	**(0-5')**
5 – 10'	Brown SAND (M)	moist	0.0	ND	ND	ND	
10 – 15'	Brown SAND (M-C) over lenses of Brown Sandy CLAY, Brown SAND (C) and Brown Silty CLAY	moist	0.0	ND	ND	Yes	**(10-15')**
15 – 20'	Brown Silty CLAY ****** Saturated at 16' ***** ****** End of Boring at 20' *****	wet	0.0	ND	ND	Yes	

Notes

Fill Materials

Potential fill from surface to approximately 5'

Field Evidence of Contamination

@ 14' and 16' – Thin layers of oil

Saturated Soils

@ 16'

OTHER

Installed 2" monitoring well, screen (pre-pack) from 10-20', stick-up casing

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-36 *Dupont Street, sidewalk (S)* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136** *ESI FILE SB09110.55*
	DATE: 2014-07-30 DRILLER (RIG) HPI (5410 truck Geoprobe, 5' macro-core)
	ESI STAFF: S. Spitzer WEATHER: Clear, light wind, 60-70s F

SURFACE MATERIAL: CONCRETE SIDEWALK (3-4")

BORING INTERVAL	SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4'	Brown M SAND	slight	0.0	ND	ND	ND	
4 – 8'	Brown Loamy SAND, some Silty LOAM	slight	0.0	ND	ND	ND	
8 – 12'	(8-10') Brown Silty LOAM (10-12') Brown Sandy LOAM over Tan SAND (C)	slight moist	0.0 0.0	ND ND	ND ND	ND ND	**(11-12')**
12 – 16'	Tan SAND (C), some Gravel (F), loose (poor recovery)	wet	0.0	ND	ND	ND	
16 – 20'	Tan SAND (C), some Gravel (F), loose (poor recovery) ****** End of Boring at 20' *****	wet	0.0	ND	ND	ND	

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

@ 12'

Field Evidence of Contamination

None

OTHER

Installed 2" monitoring well, screen from 10-20', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-37 *Franklin Street, sidewalk (W)* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136** *ESI FILE SB09110.55*
	DATE: 2014-07-30 DRILLER (RIG) HPI (5410 truck Geoprobe, 5' macro-core)
	ESI STAFF: S. Spitzer WEATHER: Clear, light wind, 60-70s F

SURFACE MATERIAL: CONCRETE SIDEWALK (3-4")

BORING INTERVAL	SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4'	Brown M SAND	slight	0.0	ND	ND	ND	
4 – 8'	Brown Loamy SAND, some Silty LOAM	slight	0.0	ND	ND	ND	
8 – 12'	(8-10') Brown Silty LOAM (10-12') Brown Sandy LOAM over Tan SAND (C)	slight moist	0.0 0.0	ND ND	ND ND	ND ND	**(11-12')**
12 – 16'	Tan SAND (C), some Gravel (F), loose (poor recovery)	wet	0.0	ND	ND	ND	
16 – 20'	Tan SAND (C), some Gravel (F), loose (poor recovery) ****** End of Boring at 20' *****	wet	0.0	ND	ND	ND	

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

@ 12'

Field Evidence of Contamination

None

OTHER

Installed 2" monitoring well, screen from 10-20', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-38 *Clay Street, sidewalk (N)* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136** *ESI FILE SB09110.55*
	DATE: 2014-09-23 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)
	ESI STAFF: S. Spitzer WEATHER: Slight haze, light wind, 60-70s F

BORING INTERVAL	SURFACE MATERIAL: CONCRETE SIDEWALK (3-4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown M SAND, almost dry	moist	0.0	ND	ND	ND	**(0-5')**
5 – 10'	Brown SAND (M-C), almost dry	moist	0.0	ND	ND	ND	
10 – 15'	Brown C SAND, some Gravel ****** Saturated soil *****	wet	0.0	ND	ND	ND	**(10-15')**
15 – 20'	(15-18') Brown SAND (M-C) (18-20') Brown Clayey SAND (F)	wet wet	0.0 0.0	ND ND	ND ND	ND ND	
20 – 25'	(20-22') Brown Clayey SAND (F) (22-25') Red and Gray Silty CLAY, SAND (F), almost dry ****** End of Boring at 25' *****	wet moist	ND ND	ND ND	ND ND	ND ND	

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

@ 15 – 22', then dry, dense confining layer of clay to 25'

Field Evidence of Contamination

None

OTHER

Installed 2" monitoring well, screen from 5-20', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-39 *Clay Street, sidewalk (N)* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136** *ESI FILE SB09110.55*
	DATE: 2014-09-23 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)
	ESI STAFF: S. Spitzer WEATHER: Slight haze, light wind, 60-70s F

BORING INTERVAL	SURFACE MATERIAL: CONCRETE SIDEWALK (3-4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown and Tan Silty SAND (F)	dry	0.0	ND	ND	ND	**(0-5')**
5 – 10'	Brown F-M SAND (approximately 9-10') Field evidence of petroleum contamination noted at corer tip	dry moist	0.0 109	ND Yes	ND Yes	ND ND	
10 – 15'	Brown Clayey SAND (F-M), distinct petroleum impacted 2" layer near 10' ****** Saturated soil at 10' *****	wet	56	Yes	Yes	ND	**(10-11')**
15 – 20'	Brown Clayey SAND (F-M) Bottom layer of Gray Sandy CLAY	wet moist	0.0	ND	ND	ND	
20 – 25'	(20-22') Brown Silty CLAY, SAND (F) (22-25') Red and Gray Silty CLAY, almost dry ****** End of Boring at 25' *****	moist moist	ND ND	ND ND	ND ND	ND ND	

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

@ 10 – 15 to 20', then dry, dense confining layer of clay to 25'

Field Evidence of Contamination

Likely thin layer of petroleum contamination observed at groundwater interface, boring extended near former filling station at north side of street, near gasoline fill ports

OTHER

Installed 2" monitoring well, screen from 5-20', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-40 *Building Interior, loading dock E of IHWDS* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136** *ESI FILE SB09110.55*
	DATE: 2014-09-24 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)
	ESI STAFF: S. Spitzer WEATHER: Clear to overcast, light wind, mid-60s F

BORING INTERVAL	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4-8") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown M SAND, some Gravel	dry	4.6	ND	ND	ND	**(0-5')**
5 – 10'	Brown SAND (F-M) (near corer tip) Brown SAND (M-C), some Silt and Clay	dry moist	0.0 0.0	ND ND	ND ND	ND ND	
10 – 15'	Brown SAND (M-C), some Silt and Silty Clay, over SAND (M-C), Clayey	moist	2	ND	ND	ND	
15 – 20'	Brown Clayey SAND (M-C), over Brown to Gray Silty CLAY, Sandy	moist	2.6	ND	ND	ND	**(15-20')**
20 – 25'	Gray with some Red Silty CLAY, dense and dry (crumbles easily) ****** End of Boring at 25' *****	dry	ND	ND	ND	ND	

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

Not noted, moist soil between 10 – 20''

Field Evidence of Contamination

Minimal PID readings noted in moist soil, no other obvious contamination observed

OTHER

Boring extended in loading dock at approximately 4' below surrounding floor level, installed 2" monitoring well, screen from 5-20', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-41 *Greenpoint Playground (S)* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2014-12-10 DRILLER (RIG) AES (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: S. Spitzer WEATHER: Overcast, variable wind, 30s F	

BORING INTERVAL	SURFACE MATERIAL: ASPHALT PAVEMENT (3-4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown, Silty SAND (F)	moist	0.0	ND	ND	ND	
5 – 10'	Brown, Silty CLAY, some Sand ****** Saturated soil at 10' *****	moist	0.0	ND	ND	ND	**(8-10')**
10 – 15'	Brown, Silty CLAY	wet	0.0	ND	ND	ND	
15 – 20'	Brown, SAND (C) ****** End of Boring at 20' *****	wet	0.0	ND	ND	ND	

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

@ 10'

Field Evidence of Contamination

None

OTHER

Installed 2" monitoring well, screen from 8-18', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-42 *Greenpoint Playground (N)* (SHEET 1 OF 1)	**Remedial Investigation Report** **Former NuHart Plastic Manufacturing, Brooklyn, New York** **NYSDEC IHWD Site No. 224136**	*ESI FILE SB09110.55*
	DATE: 2014-12-10 DRILLER (RIG) AES (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: S. Spitzer WEATHER: Overcast, variable wind, 30s F	

BORING INTERVAL	SURFACE MATERIAL: ASPHALT PAVEMENT (3-4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5'	Brown, Silty SAND (F)	moist	0.0	ND	ND	ND	
5 – 10'	Brown, Silty CLAY, some Sand ****** Saturated soil at 10' *****	moist	0.0	ND	ND	ND	**(8-10')**
10 – 15'	Brown, Silty CLAY	wet	0.0	ND	ND	ND	
15 – 20'	Brown, SAND (C) ****** End of Boring at 20' *****	wet	0.0	ND	ND	ND	

Notes

Fill Materials

Obvious fill not noted

Saturated Soils

@ 10'

Field Evidence of Contamination

None

OTHER

Installed 2" monitoring well, screen from 8-18', flush mount with steel cover

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
Texture: VF (very fine) **F** (fine) **M** (medium) **C** (coarse) **VT** (variable texture)

APPENDIX D

Driller's Well Construction Logs

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies Inc.	SHEET 1 OF 1 HOLE NO. MW-17
	PROJECT NO. E6-9026-12	
	PROJECT NAME: Former Nu Hart Manufacturing	BORING LOCATIONS: per Plan
FOREMAN - DRILLER: TP/tb	LOCATION: 280 Franklin Street, Brooklyn, New York	
INSPECTOR: Richard	TYPE: CASING HSA, SAMPLER SS, CORE BAR	OFFSET
GROUND WATER OBSERVATIONS AT FT AFTER 0 HOURS AT FT AFTER HOURS	SIZE I.D.: 4 ¼", 1 3/8" HAMMER WT.: 140#, BIT HAMMER FALL: 30"	DATE START 2/15/12 DATE FINISH 2/15/12 SURFACE ELEV. GROUND WATER ELEV.

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0-6	6-12	12-18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	24"	15"	2'0"	3	6			dry		4" CONCRETE
							5	6			loose	2'0"	drk gry FM SAND,silt,lit F gravel
		2	ss	24"	20"	4'0"	9	8			dry		brn VF SAND,sm silt
							8	7			loose		brn VF F SAND,lit silt
5		3	ss	24"	20"	6'0"	7	8			dry	5'0"	
							8	10			loose		brn SILT,lit VF sand
		4	ss	24"	19"	8'0"	10	10			l moist		
							9	9			stiff		brn gry SILT,sm clay
		5	ss	24"	22"	10'0"	7	9			l moist		brn SILT,sm clay,tr VF sand (lenses)
10							10	11			stiff		
		6	ss	24"	20"	12'0"	3	6			moist		SAME
							9	9			stiff		
		7	ss	24"	20"	14'0"	6	7			moist		brn SILT,sm clay,lit VF sand
							9	10			stiff		
15		8	ss	24"	22"	16'0"	3	6			moist/wet		brn SILT,lit clay,VF sand
							9	12			stiff		
		9	ss	24"	16"	18'0"	11	13			moist		brn gry SILT,sm (lenses) VF sand,lit clay
							18	20			v stiff		
20												20'0"	
													E.O.B. 20'0" / Set well
25													
30													
35													
40													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. **HOLE NO. MW-17**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50%

C = COARSE

M = MEDIUM

F = FINE

Phone
(203) 262-9328

Telefax
(203) 264-3414

WHITE PLAINS, N.Y.
(914) 946-4850

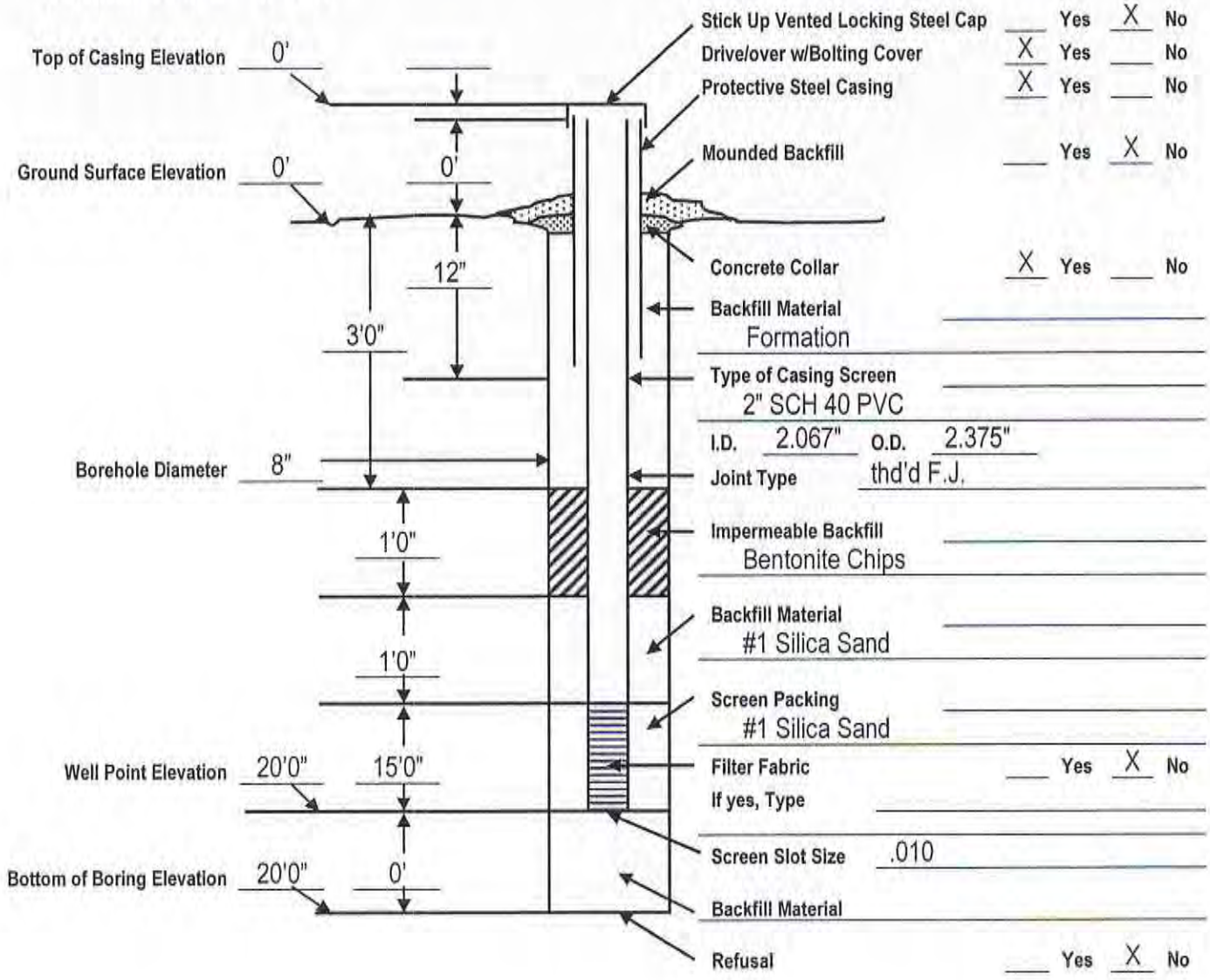
SOILTESTING, INC.

90 DONOVAN ROAD - OXFORD, CONN. 06478-1028

GEOTECHNICAL / ENVIRONMENTAL SUBSURFACE INVESTIGATIONS - Test Borings - Core Drilling
Monitoring Wells - Recovery Wells - Direct Push/Probe Sampling
UNDERPINNING - HELICAL PILES - SOIL NAILS

CLIENT: Ecosystems Strategies

Monitor Well # MW-17 **JOB #:** E6-9026-12



Screen	15'	Bentonite Pellets		Locking Exp. Plug	1
Riser	5'	Bentonite Chips	½ bag	Lock	
Plug	1	Concrete Mix	1 bag	D/O	1
Slip Cap		Portland Cement	¼ bag	S/U	
Silica Sand	450#				
Powdered Bentonite					

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies Inc.	SHEET 1 OF 1 HOLE NO. MW-18
	PROJECT NO. E6-9026-12	
	PROJECT NAME Former Nu Hart Manufacturing	BORING LOCATIONS per Plan
FOREMAN - DRILLER TP/tb	LOCATION 280 Franklin Street, Brooklyn, New York	
INSPECTOR Richard		OFFSET
GROUND WATER OBSERVATIONS AT 12 FT AFTER 0 HOURS AT __FT AFTER __HOURS	TYPE: CASING HSA, SAMPLER SS, CORE BAR SIZE I.D.: 4 ¼", 1 3/8" HAMMER WT.: 140#, BIT HAMMER FALL: 30"	DATE START 2/15/12 DATE FINISH 2/15/12 SURFACE ELEV. GROUND WATER ELEV.

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6	6 - 12	12 - 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	18"	12"	2'0"		4			dry	1'0"	6.5" CONCRETE/drk brn blk FM SAND,sm ash,F gravel,lit concrete
							7	12			loose		brn FM SAND,sm silt,lit F gravel
		2	ss	24"	18"	4'0"	10	15			dry		lt brn F SAND
							8	16			compact		lit brn F SAND,tr silt
5		3	ss	24"	12"	6'0"	7	8			dry		lt brn VF F SAND,tr M-C sand
							8	9			loose		
		4	ss	24"	20"	8'0"	8	7			l moist		lt brn F SAND,lit M sand,tr F gravel
							9	8			loose	8'0"	lt brn FM SAND,lit C sand,tr silt,F gravel
		5	ss	24"	22"	10'0"	10	6			l moist		brn SILT,clay,sm VF sand (layers)
10							9	10			stiff		
		6	ss	24"	20"	12'0"	3	4			moist		
							6	9			stiff		
		7	ss	24"	20"	14'0"	9	9			moist		brn SILT,sm clay,lit (layers) VF sand
							12	14			stiff		
15		8	ss	24"	20"	16'0"	12	17			moist/wet		
							17	18			v stiff		
		9	ss	24"	20"	18'0"	12	18			moist/wet		brn SILT,sm lenses,VF sand
							23	24			v stiff		
20												20'0"	
25													
30													
35													
40													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. **HOLE NO. MW-18**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50%

C = COARSE
M = MEDIUM
F = FINE

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(203) 264-3414

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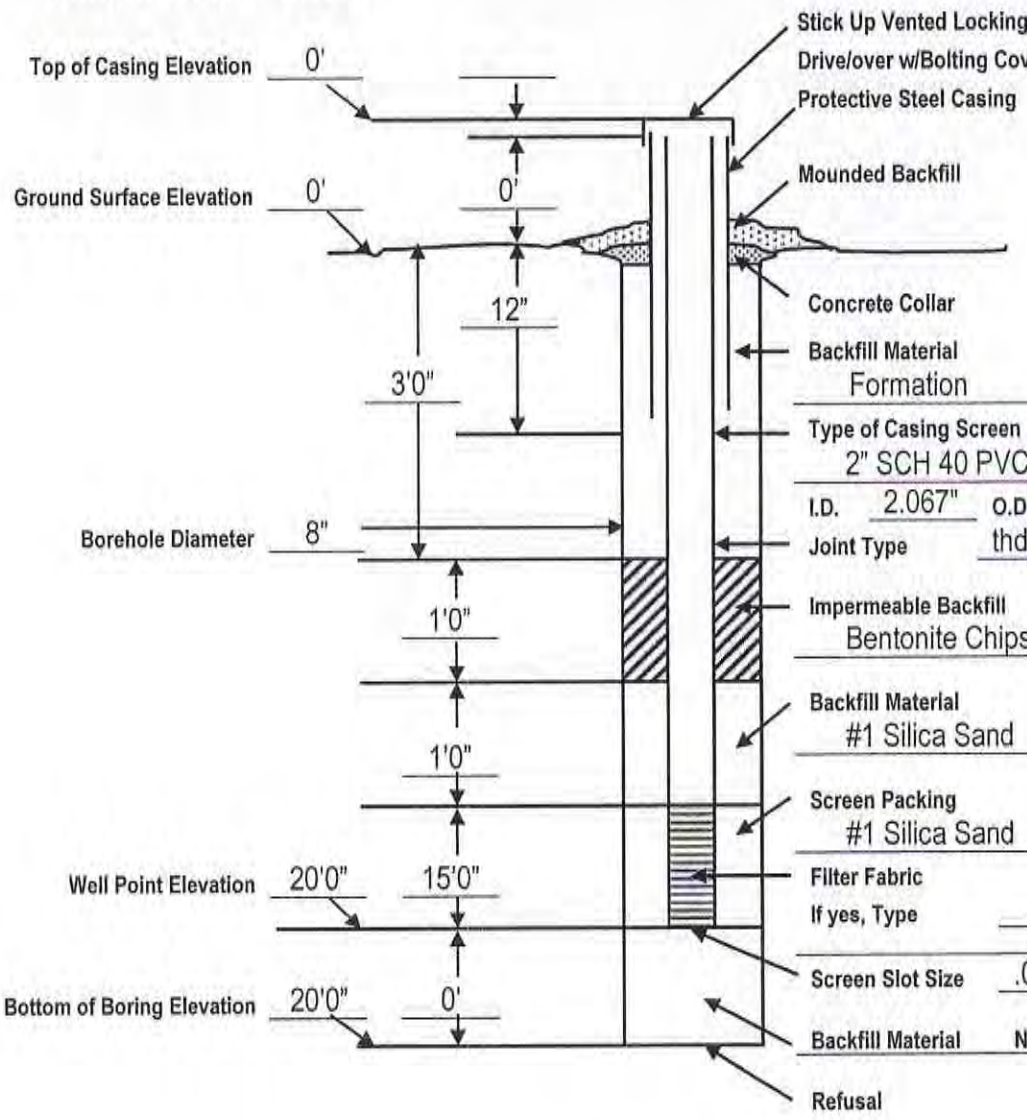
SOILTESTING, INC.

90 DONOVAN ROAD - OXFORD, CONN. 06478-1028

GEOTECHNICAL / ENVIRONMENTAL SUBSURFACE INVESTIGATIONS - Test Borings - Core Drilling
Monitoring Wells - Recovery Wells - Direct Push/Probe Sampling
UNDERPINNING - HELICAL PILES - SOIL NAILS

CLIENT: Ecosystems Strategies

Monitor Well # MW-18 **JOB #:** E6-9026-12



Stick Up Vented Locking Steel Cap	___	Yes	X No
Drive/over w/Bolting Cover	X	Yes	___ No
Protective Steel Casing	X	Yes	___ No
Mounded Backfill	___	Yes	X No
Concrete Collar	X	Yes	___ No

Backfill Material: Formation

Type of Casing Screen: 2" SCH 40 PVC

I.D. 2.067" O.D. 2.375"

Joint Type: thd'd F.J.

Impermeable Backfill: Bentonite Chips

Backfill Material: #1 Silica Sand

Screen Packing: #1 Silica Sand

Filter Fabric ___ Yes X No

If yes, Type ___

Screen Slot Size .010

Backfill Material N/A

Refusal ___ Yes X No

Screen	15'	Bentonite Pellets		Locking Exp. Plug	1
Riser	5'	Bentonite Chips	½ bag	Lock	
Plug	1	Concrete Mix	1 bag	D/O	1
Slip Cap		Portland Cement	¼ bag	S/U	
Silica Sand	450#				
Powdered Bentonite					

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies Inc.	SHEET 1 OF 1 HOLE NO. MW-19
	PROJECT NO. E6-9026-12	
	PROJECT NAME: Former Nu Hart Manufacturing	BORING LOCATIONS: per Plan
FOREMAN - DRILLER: TP/djd	LOCATION: 280 Franklin Street, Brooklyn, New York	
INSPECTOR	TYPE: CASING HSA, SAMPLER SS, CORE BAR	OFFSET
GROUND WATER OBSERVATIONS AT 10 FT AFTER 0 HOURS AT __FT AFTER __HOURS	SIZE I.D.: 4 ¼", 1 3/8" HAMMER WT.: 140#, BIT HAMMER FALL: 30"	DATE START 2/2/12 DATE FINISH 2/2/12 SURFACE ELEV. GROUND WATER ELEV.

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC.	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6	6 - 12	12 - 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	18"	11"	2'0"		9			dry		7" CONCRETE/drk brn/brn F-C SAND & SILT,sm F gravel,
							10	9			loose	1'0"	lit bldg rubble,ash.concrete
		2	ss	24"	18"	4'0"	7	6			dry/moist	2'0"	brn/tan SILT & VF F SAND
							7	13			loose	4'0"	brn FM SAND,sm silt
5		3	ss	24"	16"	6'0"	11	7			moist		brn/lt gry SILT & VF SAND
							8	8			loose		
		4	ss	24"	18"	8'0"	6	7			mst/v mst		brn/lt gry CLAY & SILT,tr VF sand
							8	11			loose		
		5	ss	24"	20"	10'0"	8	9			wet		SAME
10							10	13			loose		cobbles at 10' (strong odor)
		6	ss	24'	18"	12'0"	4	4			wet	10'6"	lt brn orng SILT,sm clay
							5	6			loose		gry SILT,lit VF sand (oily substance)
		7	ss	24"	18"	14'0"	7	9			wet	13'0"	SAME
							13	18			compact		lt brn CLAYEY SILT,tr VF sand
15		8	ss	24"	20"	16'0"	5	5			wet		
							9	13			stiff		brn SILT,tr VF sand
		9	ss	24"	19"	18'0"	10	11			wet		
							15	16			stiff		gry CLAYEY SILT,lit to tr VF sand
		10	ss	24"	20"	20'0"	7	11			wet		
20							21	31			v stiff	20'0"	
													E.O.B. 20'0"
25													
30													
35													
40													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. **HOLE NO. MW-19**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50%

C = COARSE
M = MEDIUM
F = FINE

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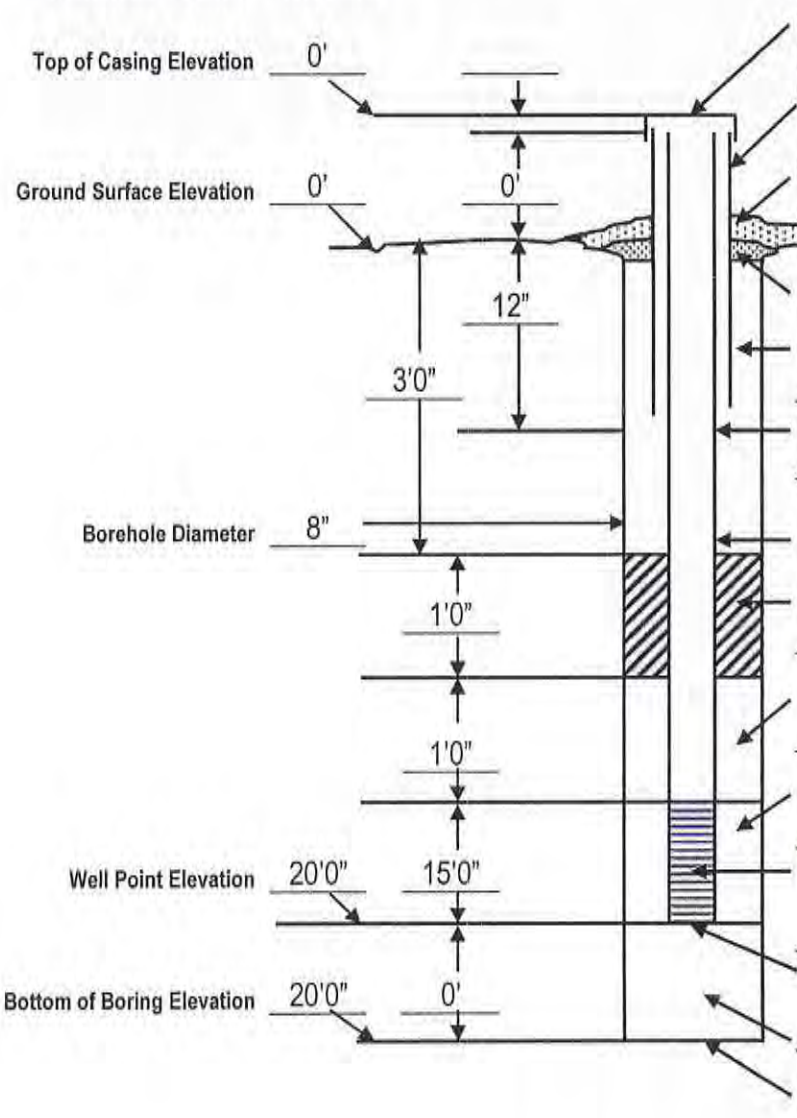
GEOTECHNICAL / ENVIRONMENTAL SUBSURFACE INVESTIGATIONS - Test Borings - Core Drilling
Monitoring Wells - Recovery Wells - Direct Push/Probe Sampling
UNDERPINNING - HELICAL PILES - SOIL NAILS

CLIENT: Ecosystems Strategies

Monitor Well # MW-19

JOB #: E6-9026-12



Stick Up Vented Locking Steel Cap ___ Yes X No
Drive/over w/Bolting Cover X Yes ___ No
Protective Steel Casing X Yes ___ No

Mounded Backfill ___ Yes X No

Concrete Collar X Yes ___ No

Backfill Material Formation

Type of Casing Screen 2" SCH 40 PVC

I.D. 2.067" O.D. 2.375"

Joint Type thd'd F.J.

Impermeable Backfill Bentonite Chips

Backfill Material #1 Silica Sand

Screen Packing #1 Silica Sand

Filter Fabric ___ Yes X No

If yes, Type ___

Screen Slot Size .010

Backfill Material N/A

Refusal ___ Yes X No

Screen	15'	Bentonite Pellets		Locking Exp. Plug	1
Riser	5'	Bentonite Chips	½ bag	Lock	
Plug	1	Concrete Mix	1 bag	D/O	1
Slip Cap		Portland Cement		S/U	
Silica Sand	550#				
Powdered Bentonite					

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies Inc.	SHEET 1 OF 1 HOLE NO. MW-20
	PROJECT NO. E6-9026-12	
	PROJECT NAME Former Nu Hart Manufacturing	BORING LOCATIONS per Plan
FOREMAN - DRILLER TP/tb	LOCATION 280 Franklin Street Brooklyn, New York	
INSPECTOR Richard		OFFSET
GROUND WATER OBSERVATIONS AT 12 FT AFTER 0 HOURS AT __FT AFTER __HOURS	TYPE: CASING HSA, SAMPLER SS, CORE BAR SIZE I.D.: 4 ¼", 1 3/8" HAMMER WT.: 140#, BIT HAMMER FALL: 30"	DATE START 2/16/12 DATE FINISH 2/16/12 SURFACE ELEV. GROUND WATER ELEV.

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6	6 - 12	12 - 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	24"	14"	2'0"	4	4			dry		4" CONCRETE
							3	4			v loose		brn VF F SAND,lit silt
		2	ss	24"	8"	4'0"	4	8			dry		brn VF SAND & SILT
							9	12			loose		
5		3	ss	24"	17"	6'0"	6	6			dry		tan VF F SAND,lit M-C sand,tr F gravel
							6	5			loose		
		4	ss	24"	18"	8'0"	6	4			dry		lt brn F-M SAND,sm C sand,lit F gravel
							6	5			loose		
		5	ss	24"	16"	10'0"	8	6			moist		
10							5	10			loose	9'6"	
		6	ss	24"	12"	12'0"	6	12			wet		gry FMC SAND,lit F gravel (fuel odor)
							8	8			compact		SAME
		7	ss	24"	18"	14'0"	9	12			wet		brn VF FM SAND,tr silt (strong fuel odor)
							13	15			compact		
15													
20												20'0"	
													E.O.B. 20'0"
25													
30													
35													
40													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. **HOLE NO. MW-20**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS C = COARSE

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER M = MEDIUM

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50% F = FINE

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(203) 262-9328

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(203) 264-3414

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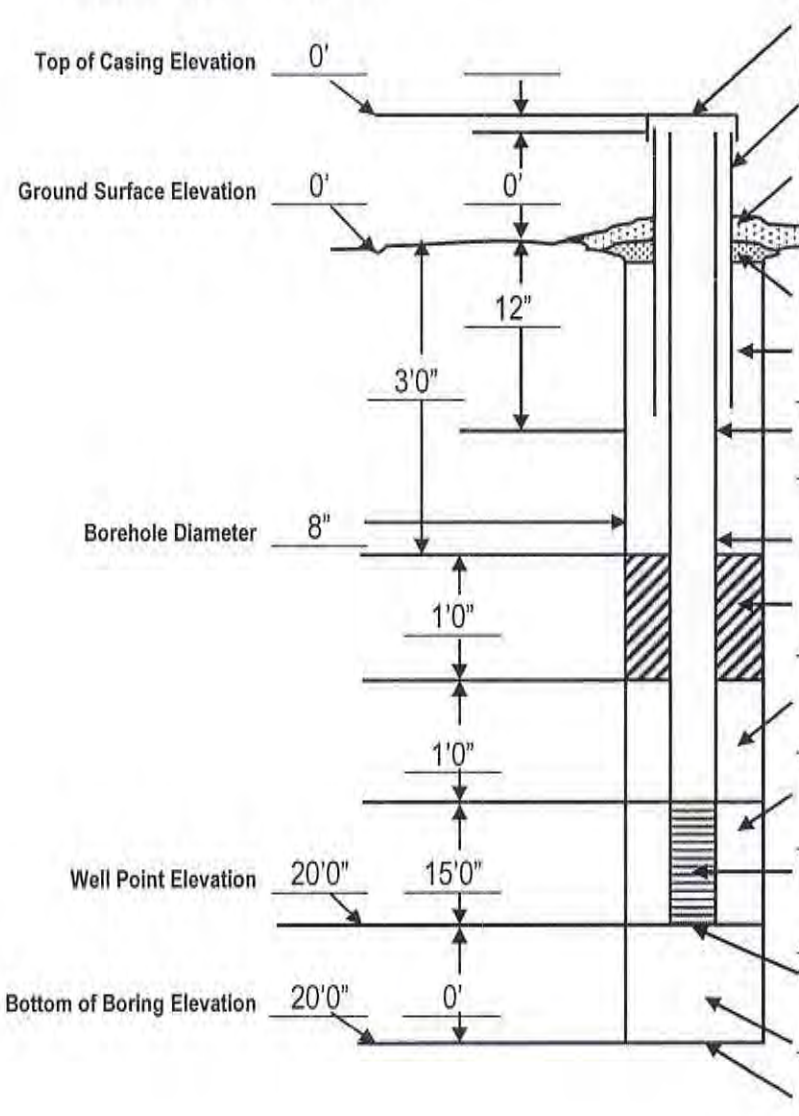
GEOTECHNICAL / ENVIRONMENTAL SUBSURFACE INVESTIGATIONS - Test Borings - Core Drilling
Monitoring Wells - Recovery Wells - Direct Push/Probe Sampling
UNDERPINNING - HELICAL PILES - SOIL NAILS

CLIENT: Ecosystems Strategies

Monitor Well # MW-20 **JOB #:** E6-9026-12



Stick Up Vented Locking Steel Cap	___ Yes	X No	
Drive/over w/Bolting Cover	X Yes	___ No	
Protective Steel Casing	X Yes	___ No	
Mounded Backfill	___ Yes	X No	
Concrete Collar	X Yes	___ No	
Backfill Material	Formation		
Type of Casing Screen	2" SCH 40 PVC		
I.D. 2.067" O.D. 2.375"			
Joint Type	thd'd F.J.		
Impermeable Backfill	Bentonite Chips		
Backfill Material	#1 Silica Sand		
Screen Packing	#1 Silica Sand		
Filter Fabric	___ Yes	X No	
If yes, Type			
Screen Slot Size	.010		
Backfill Material	N/A		
Refusal	___ Yes	X No	

Screen	15'	Bentonite Pellets		Locking Exp. Plug	1
Riser	5'	Bentonite Chips	½ bag	Lock	
Plug	1	Concrete Mix	1 ½ bags	D/O	1
Slip Cap		Portland Cement		S/U	
Silica Sand	500#				
Powdered Bentonite					

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies Inc.	SHEET 1 OF 1 HOLE NO. MW-21
	PROJECT NO. E6-9026-12	
	PROJECT NAME Former Nu Hart Manufacturing	BORING LOCATIONS per Plan
FOREMAN - DRILLER TP/tb	LOCATION 280 Franklin Street, Brooklyn, New York	
INSPECTOR Richard	TYPE: CASING HSA, SAMPLER SS	OFFSET
GROUND WATER OBSERVATIONS AT 13 FT AFTER 0 HOURS AT __FT AFTER __HOURS	SIZE I.D.: CASING 4 ¼", SAMPLER 1 3/8" HAMMER WT.: SAMPLER 140#, CORE BAR BIT HAMMER FALL: SAMPLER 30"	DATE START 2/10/12 DATE FINISH 2/13/12 SURFACE ELEV. GROUND WATER ELEV.

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6	6 - 12	12 - 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	24"	13"	2'0"	3	6			dry		4" CONCRETE
							17	18			compact		brn FM SAND,sm F gravel,lit ash,blk carbon,tr wood
		2	ss	24"	9"	4'0"	17	18			dry		brn F SAND,sm M sand,lit F gravel
							16	15			compact	4'0"	
5		3	ss	24"	14"	6'0"	6	4			l moist		brn SILT,lit VF sand
							10	17			stiff		
		4	ss	24"	0"	8'0"	22	13			moist		no recovery - push F gravel,tr cobbles
							19	17			v stiff		
		5	ss	24"	17"	10'0"	18	8			moist	9'0"	rusty brn FM SAND,lit silt,C sand
10							7	12			stiff		brn gry SILT,lit VF sand
		6	ss	24"	18"	12'0"	4	5			moist/wet		gry SILT,lit clay,VF-F sand
							7	8			stiff		
		7	ss	24"	16"	14'0"	9	9			moist/wet		gry brn SILT,sm clay,lit FM sand
							10	10			stiff		
15													gry brn SILT,lit clay,VF sand (strong product odor)
20												20'0"	
25													E.O.B. 20'0"
30													
35													
40													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. **HOLE NO. MW-21**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50%

C = COARSE
M = MEDIUM
F = FINE

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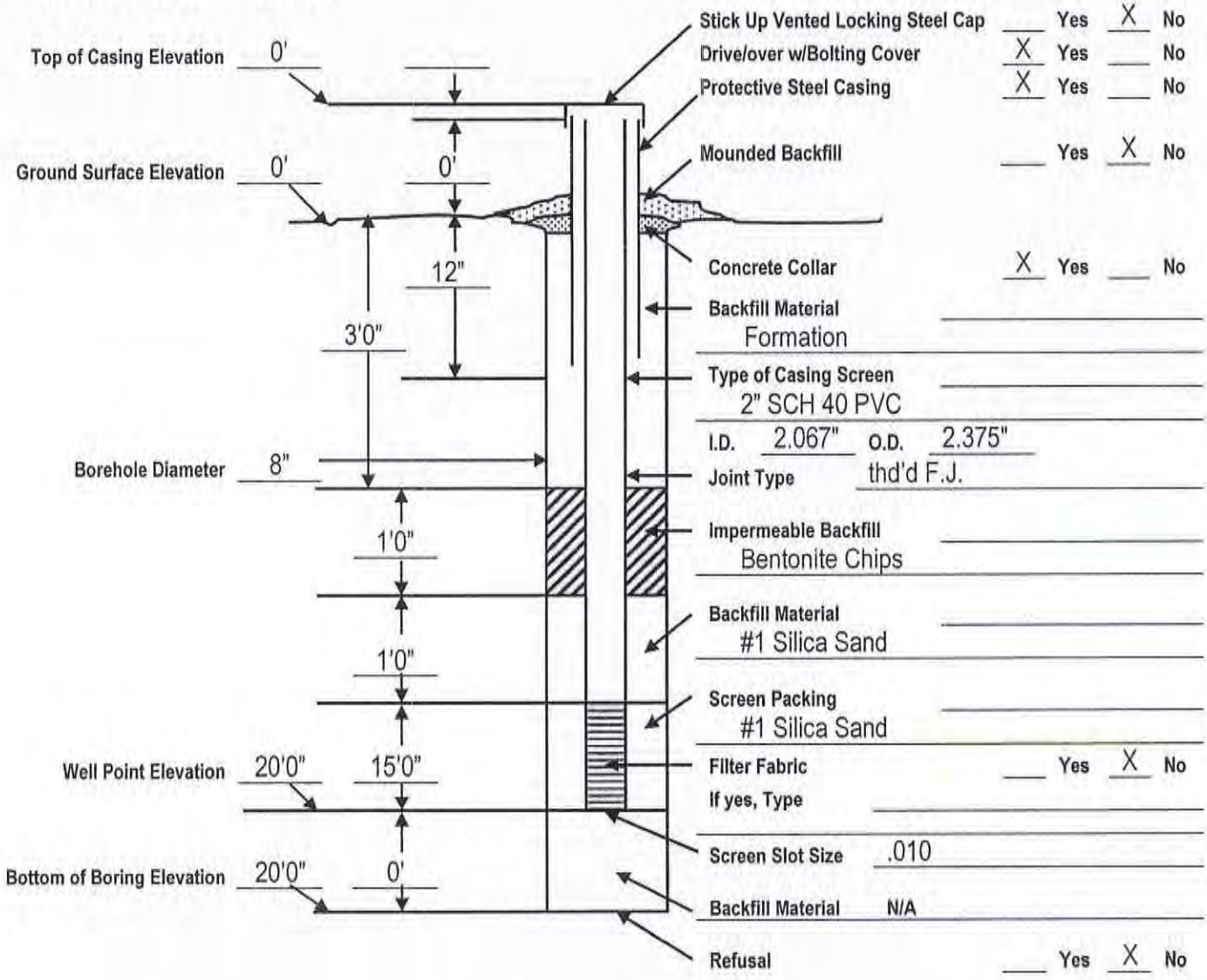
GEOTECHNICAL / ENVIRONMENTAL SUBSURFACE INVESTIGATIONS - Test Borings - Core Drilling
Monitoring Wells - Recovery Wells - Direct Push/Probe Sampling
UNDERPINNING - HELICAL PILES - SOIL NAILS

CLIENT: Ecosystems Strategies

Monitor Well # MW-21 **JOB #:** E6-9026-12



Screen	15'	Bentonite Pellets		Locking Exp. Plug	1
Riser	5'	Bentonite Chips	½ bag	Lock	
Plug	1	Concrete Mix	1 bag	D/O	1
Slip Cap		Portland Cement		S/U	
Silica Sand	550#				
Powdered Bentonite					

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies Inc.	SHEET 1 OF 1 HOLE NO. MW-22, MW-22A
	PROJECT NO. E6-9026-12	
	PROJECT NAME Former Nu Hart Manufacturing	BORING LOCATIONS per Plan
FOREMAN - DRILLER TP/tb	LOCATION 280 Franklin Street, Brooklyn, New York	
INSPECTOR		OFFSET
GROUND WATER OBSERVATIONS AT 12 FT AFTER 0 HOURS AT __FT AFTER __HOURS	TYPE: CASING HSA, SAMPLER SS, CORE BAR SIZE I.D.: 4 ¼", 1 3/8" HAMMER WT.: 140#, BIT HAMMER FALL: 30"	DATE START 2/10/12 DATE FINISH 2/10/12 SURFACE ELEV. GROUND WATER ELEV.

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6 / 6 - 12 / 12 - 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
0		1	ss	18"	8"	2'0"	6		dry loose		6" CONCRETE
							5 4				red brn FM SAND,sm C sand,lit F gravel,tr brick,concrete,ash
		2	ss	24"	4"	4'0"	5 6		dry loose		brn FMC SAND,lit F gravel,trick,concrete (fill)
							6 7				
5		3	ss	19"	3"	5'7"	5 6		dry loose		SAME
							10 50/1"				
										7'0"	Auger refusal
10											E.O.B. 7'0"
											MW-22A Offset 2'
0											Slab 7" thick, loose brick, concrete (fill)
5										5'0"	
											brn FM SAND
		1	ss	24"	11"	10'0"	10 11		dry/moist compact wet		brn FM SAND,sm F gravel,lit C sand,tr silt
10							11 10				
		2	ss	24"	18"	12'0"	9 10		compact wet		brn FM SAND,lit C sand (odor)
							13 9				
		3	ss	24"	18"	14'0"	12 9		compact wet loose		gry FMC SAND,lit F gravel (fuel odor)
15							7 6				
20										20'0"	
											E.O.B. 20'0" / Set well
25											

GROUND WATER OBSERVATIONS
AT 12 FT AFTER 0 HOURS
AT __FT AFTER __HOURS

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. | HOLE NO. MW-22, MW-22A

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST
WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS
SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER
PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50%
C = COARSE
M = MEDIUM
F = FINE

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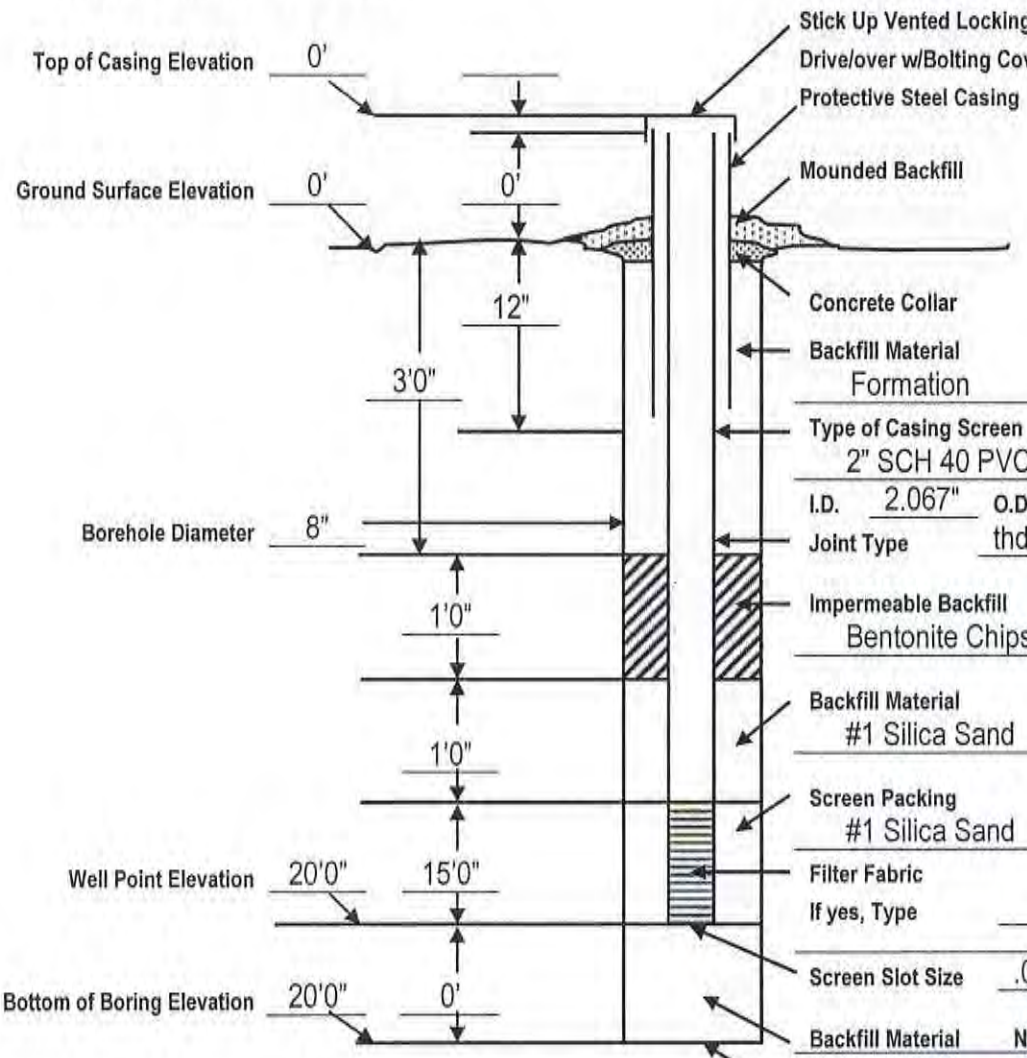
GEOTECHNICAL / ENVIRONMENTAL SUBSURFACE INVESTIGATIONS - Test Borings - Core Drilling
Monitoring Wells - Recovery Wells - Direct Push/Probe Sampling
UNDERPINNING - HELICAL PILES - SOIL NAILS

CLIENT: Ecosystems Strategies

Monitor Well # MW-22A

JOB #: E6-9026-12



Stick Up Vented Locking Steel Cap	___ Yes	X No	
Drive/over w/Bolting Cover	X Yes	___ No	
Protective Steel Casing	X Yes	___ No	
Mounded Backfill	___ Yes	X No	
Concrete Collar	X Yes	___ No	
Backfill Material	Formation		
Type of Casing Screen	2" SCH 40 PVC		
I.D. 2.067" O.D. 2.375"			
Joint Type	thd'd F.J.		
Impermeable Backfill	Bentonite Chips		
Backfill Material	#1 Silica Sand		
Screen Packing	#1 Silica Sand		
Filter Fabric	___ Yes	X No	
If yes, Type			
Screen Slot Size	.010		
Backfill Material	N/A		
Refusal	___ Yes	X No	

Screen	15'	Bentonite Pellets		Locking Exp. Plug	1
Riser	5'	Bentonite Chips	½ bag	Lock	
Plug	1	Concrete Mix	1 ½ bags	D/O	1
Slip Cap		Portland Cement	¼ bag	S/U	
Silica Sand	550#				
Powdered Bentonite					

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies Inc.	SHEET 1 OF 1 HOLE NO. MW-23
	PROJECT NO. E23-9127-12	
	PROJECT NAME 280 Franklin Street	BORING LOCATIONS per Plan
FOREMAN - DRILLER PD/pe	LOCATION Brooklyn, New York	
INSPECTOR	CASING / SAMPLER / CORE BAR	OFFSET
	TYPE: HSA / SS	DATE START 7/28/12
GROUND WATER OBSERVATIONS	SIZE I.D.: 4 ¼" / 1 3/8"	DATE FINISH 7/28/12
AT 10'6" FT AFTER 0 HOURS	HAMMER WT.: 140# BIT	SURFACE ELEV.
AT FT AFTER HOURS	HAMMER FALL: 30"	GROUND WATER ELEV.

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6 / 6 - 12 / 12 - 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	18"	10"	2'0"	2		dry/moist	0'4"	CONCRETE
							2 9		loose		brn FM SAND,SILT,F-C GRAVEL,lit cobbles,brick
		2	ss	24"	12"	4'0"	12 7		dry/moist		
							6 6		compact		
5		3	ss	24"	16"	6'0"	2 3		dry/moist	5'0"	
							2 2		loose		lt brn VF FM SAND
		4	ss	24"	16"	8'0"	2 3		dry/moist		
							3 2		loose		
		5	ss	24"	10"	10'0"	2 2		moist		lt brn VF FM SAND
10							2 1		loose		
		6	ss	24"	18"	12'0"	1 1		wet/v mst		brn gry brn FM SAND
				2			1 1		v loose		
		7	ss	24"	18"	14'0"	1 1		wet/v mst		
							2 2		v loose		
15											
											SAME
20										20'0"	
											E.O.B. 20'0"
25											
30											
35											
40											

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. **HOLE NO. MW-23**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50%

C = COARSE
M = MEDIUM
F = FINE

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(203) 264-3414

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SOILTESTING, INC.

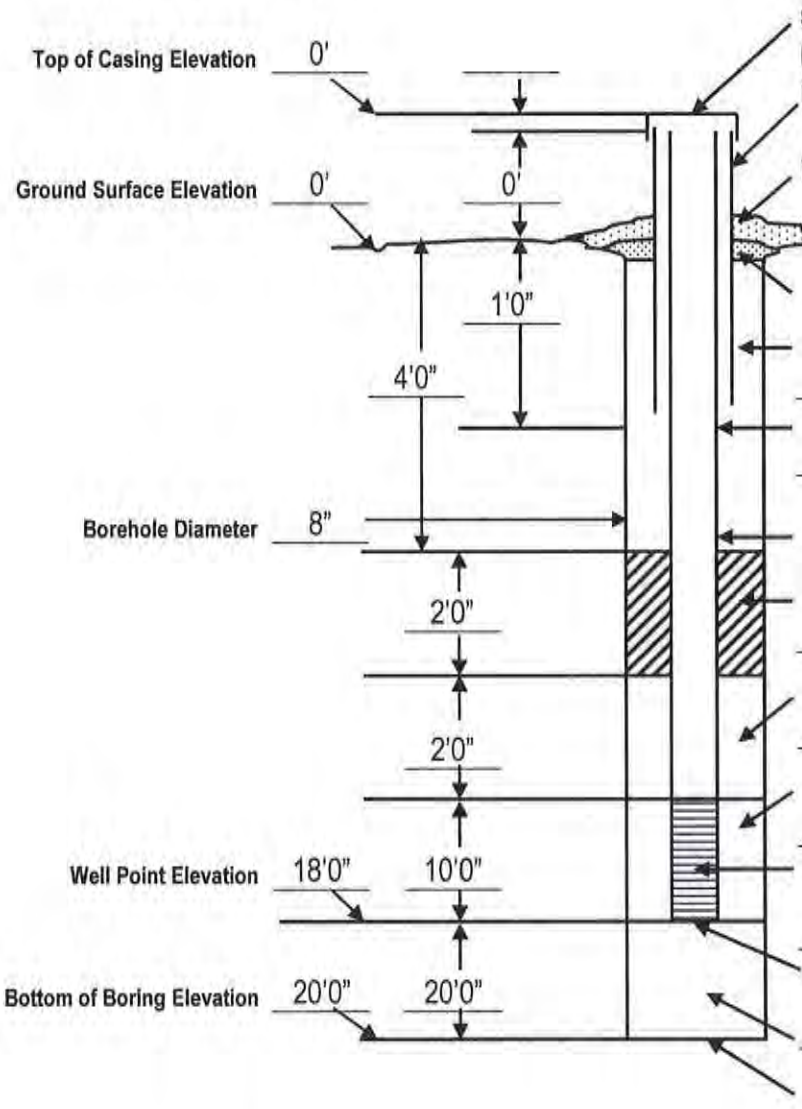
90 DONOVAN ROAD - OXFORD, CONN. 06478-1028

GEOTECHNICAL / ENVIRONMENTAL SUBSURFACE INVESTIGATIONS - Test Borings - Core Drilling
Monitoring Wells - Recovery Wells - Direct Push/Probe Sampling
UNDERPINNING - HELICAL PILES - SOIL NAILS

CLIENT: Ecosystems Strategies Inc.

Monitor Well # MW-23

JOB #: E23-9127-12



Stick Up Vented Locking Steel Cap		Yes	No
Drive/over w/Bolting Cover	X	Yes	No
Protective Steel Casing	X	Yes	No
Mounded Backfill		Yes	X No
Concrete Collar	X	Yes	No

Backfill Material: Formation

Type of Casing Screen: 2" SCH 40 PVC

I.D. 2.067" O.D. 2.375"

Joint Type: thd'd F.J.

Impermeable Backfill: Bentonite Chips

Backfill Material: #1 Silica Sand

Screen Packing: #1 Silica Sand

Filter Fabric: Yes X No

If yes, Type:

Screen Slot Size: .010

Backfill Material:

Refusal: Yes X No

Screen	10'	Bentonite Pellets		Locking Exp. Plug	1
Riser	10'	Bentonite Chips	2/3 bag	Lock	
Plug	1	Concrete Mix	1 1/3 bags	D/O	6"
Slip Cap		Portland Cement		S/U	
Silica Sand	400#				
Powdered Bentonite					

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies Inc.	SHEET 1 OF 1 HOLE NO. MW-24
	PROJECT NO. E23-9127-12	
	PROJECT NAME 280 Franklin Street	BORING LOCATIONS per Plan
FOREMAN - DRILLER DJD/pe PD/pe	LOCATION Brooklyn, New York	
INSPECTOR		OFFSET
GROUND WATER OBSERVATIONS AT 11'6" FT AFTER 0 HOURS AT FT AFTER HOURS	TYPE: CASING HSA, SAMPLER SS, CORE BAR SIZE I.D.: 4 ¼", 1 3/8" HAMMER WT.: 140#, BIT HAMMER FALL: 30"	DATE START 6/19/12 DATE FINISH 7/28/12 SURFACE ELEV. GROUND WATER ELEV.

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC.	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6	6 - 12	12 - 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
											moist	0'10"	CONCRETE
													brn FM SAND, SILT, F-C GRAVEL,cobbles
												3'6"	Auger refusal
5													E.O.B. 3'6"
													MW-24A
0											moist	0'2"	ASPHALT
													brn FM C SAND,SILT,F-C GRAVEL,sm cobbles
5		1	ss	24"	6"	7'0"	16	7			moist		
							6	6			compact		
		2	ss	24"	—	9'0"	10	9			moist		
							8	10			compact	9'0"	
10		3	ss	24"	12"	11'0"	10	12			wet		red brn SILT,sm FM sand,F-C gravel,lit cobbles
							14	16			compact		
		4	ss	24"	20"	13'0"	3	4			wet	11'6"	red brn SILT
							3	3			loose		lt brn VF F SAND
		5	ss	24"	18"	15'0"	2	3			wet		
15							3	3			loose		lt brn orng brn FMC SAND,lit F gravel
20												20'0"	
													E.O.B. 20'0"
25													
30													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. **HOLE NO. MW-24**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50%

C = COARSE
M = MEDIUM
F = FINE

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Telefax
(203) 264-3414

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SOILTESTING, INC.

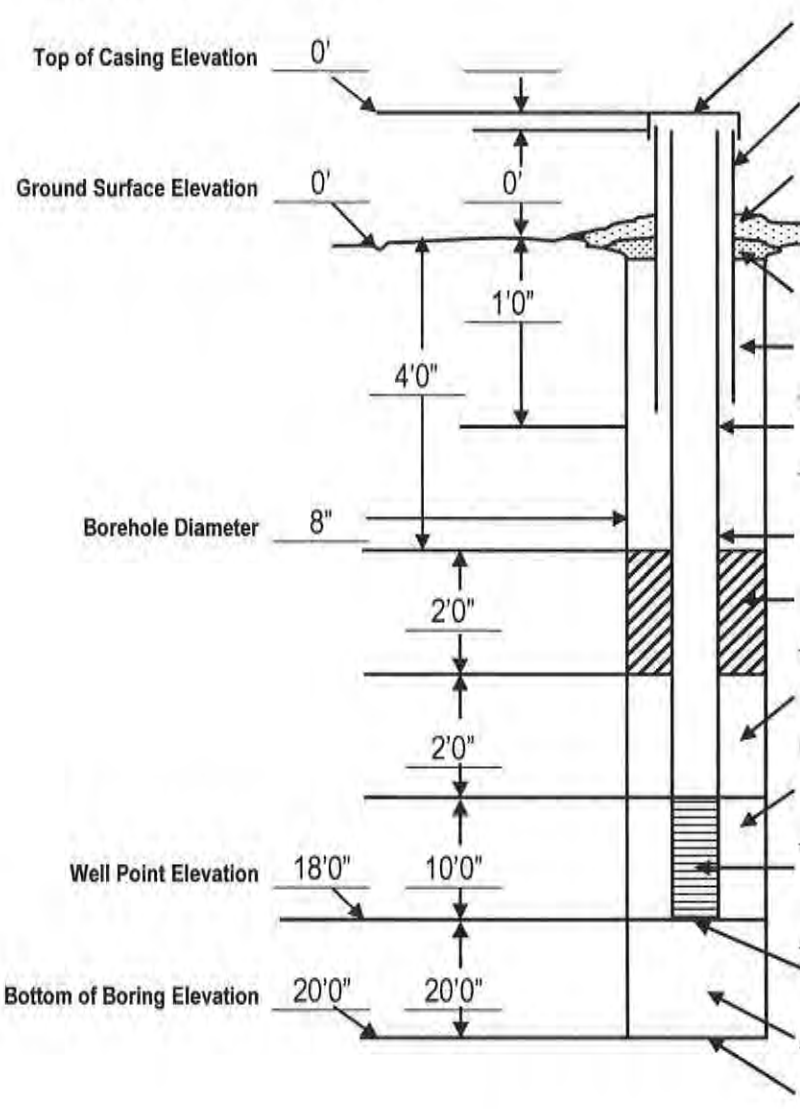
90 DONOVAN ROAD - OXFORD, CONN. 06478-1028

GEOTECHNICAL / ENVIRONMENTAL SUBSURFACE INVESTIGATIONS - Test Borings - Core Drilling
Monitoring Wells - Recovery Wells - Direct Push/Probe Sampling
UNDERPINNING - HELICAL PILES - SOIL NAILS

CLIENT: Ecosystems Strategies Inc.

Monitor Well # MW-24

JOB #: E23-9127-12



Stick Up Vented Locking Steel Cap		Yes	No
Drive/over w/Bolting Cover	X	Yes	No
Protective Steel Casing	X	Yes	No
Mounded Backfill		Yes	X No
Concrete Collar	X	Yes	No

Backfill Material: Formation

Type of Casing Screen: 2" SCH 40 PVC

I.D. 2.067" O.D. 2.375"

Joint Type: thd'd F.J.

Impermeable Backfill: Bentonite Chips

Backfill Material: #1 Silica Sand

Screen Packing: #1 Silica Sand

Filter Fabric: ___ Yes X No

If yes, Type:

Screen Slot Size: .010

Backfill Material:

Refusal: ___ Yes X No

Screen	10'	Bentonite Pellets		Locking Exp. Plug	1
Riser	10'	Bentonite Chips	2/3 bag	Lock	
Plug	1	Concrete Mix	1 1/3 bags	D/O	6"
Slip Cap		Portland Cement		S/U	
Silica Sand	400#				
Powdered Bentonite					

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies Inc.	SHEET 1 OF 1 HOLE NO. MW-25
	PROJECT NO. E23-9127-12	
	PROJECT NAME 280 Franklin Street	BORING LOCATIONS per Plan
FOREMAN - DRILLER PD/pe	LOCATION Brooklyn, New York	
INSPECTOR	CASING / SAMPLER / CORE BAR	OFFSET
	TYPE: HSA / SS	DATE START 7/28/12
GROUND WATER OBSERVATIONS AT 11'0" FT AFTER 0 HOURS AT FT AFTER HOURS	SIZE I.D.: 4 ¼" / 1 3/8" HAMMER WT.: 140# BIT HAMMER FALL: 30"	DATE FINISH 7/28/12 SURFACE ELEV. GROUND WATER ELEV.

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC.	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6 / 6 - 12 / 12 - 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	18"	10"	2'0"	12		moist	0'6"	CONCRETE
							6 3		compact		brn drk brn SILT,FMC SAND,F-C GRAVEL,lit brick frags,
		2	ss	24"	12"	4'0"	4 3		moist		cobbles
							3 4		loose		
5		3	ss	24"	14"	6'0"	2 3		moist		
							2 2		loose		
		4	ss	24"	12"	8'0"	3 4		moist		brn SILT,sm FM sand
							4 5		loose		
		5	ss	24"	20"	10'0"	4 5		v moist	9'0"	
10							6 10		compact		drk gry VF F SAND & SILT
		6	ss	24"	22"	12'0"	3 4		wet	10'6"	gry gry brn VF F SAND & SILT
							3 3		loose		gry brn FMC SAND,lit F gravel
		7	ss	24"	19"	14'0"	2 3		wet		
							3 3		loose		
15											
20										20'0"	
											E.O.B. 20'0"
25											
30											
35											
40											

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. **HOLE NO. MW-25**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50%

C = COARSE
M = MEDIUM
F = FINE

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Telefax
(203) 264-3414

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SOILTESTING, INC.

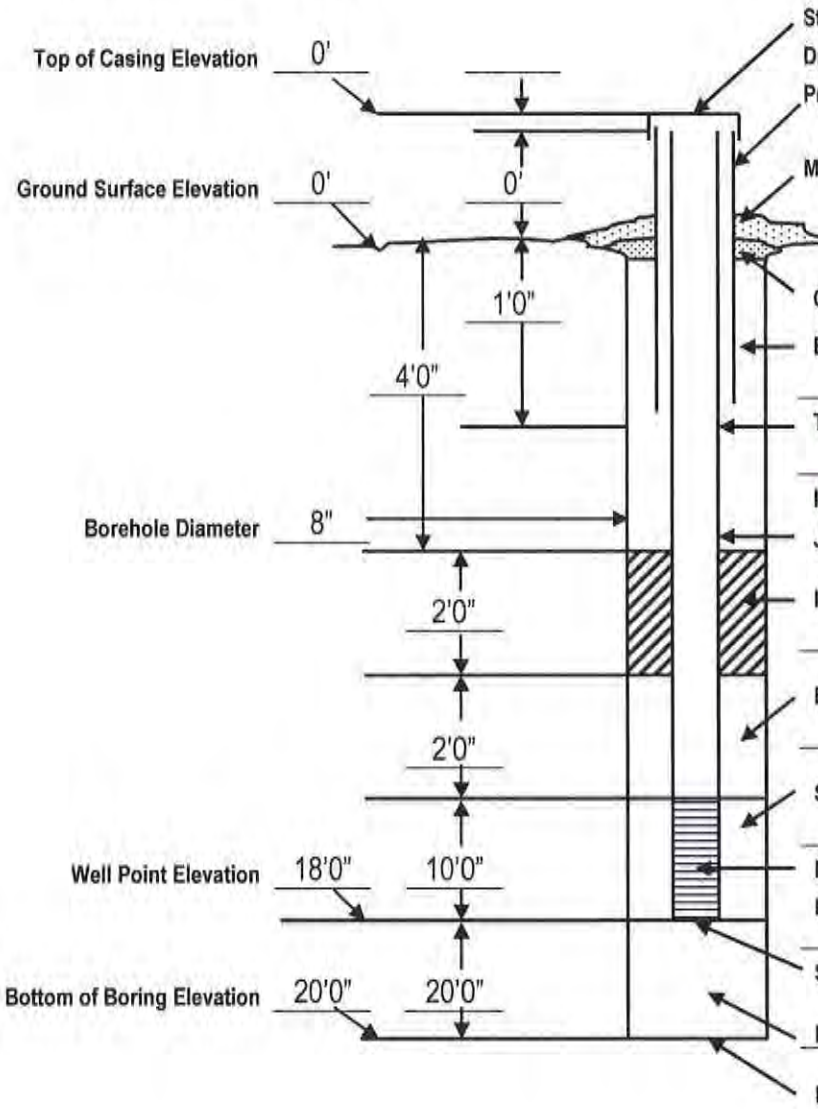
90 DONOVAN ROAD - OXFORD, CONN. 06478-1028

GEOTECHNICAL / ENVIRONMENTAL SUBSURFACE INVESTIGATIONS - Test Borings - Core Drilling
Monitoring Wells - Recovery Wells - Direct Push/Probe Sampling
UNDERPINNING - HELICAL PILES - SOIL NAILS

CLIENT: Ecosystems Strategies Inc.

Monitor Well # MW-25

JOB #: E23-9127-12



Stick Up Vented Locking Steel Cap		Yes	No
Drive/over w/Bolting Cover	X	Yes	No
Protective Steel Casing	X	Yes	No
Mounded Backfill		Yes	X No
Concrete Collar	X	Yes	No

Backfill Material: Formation

Type of Casing Screen: 2" SCH 40 PVC

I.D. 2.067" O.D. 2.375"

Joint Type: thd'd F.J.

Impermeable Backfill: Bentonite Chips

Backfill Material: #1 Silica Sand

Screen Packing: #1 Silica Sand

Filter Fabric: Yes X No

If yes, Type:

Screen Slot Size: .010

Backfill Material:

Refusal: Yes X No

Screen	10'	Bentonite Pellets		Locking Exp. Plug	1
Riser	10'	Bentonite Chips	2/3 bag	Lock	
Plug	1	Concrete Mix	1 1/3 bags	D/O	6"
Slip Cap		Portland Cement		S/U	
Silica Sand	400#				
Powdered Bentonite					

SOILTESTING, INC.
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OXFORD, CT 06478
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NY (914) 946-4850

CLIENT: **Ecosystems Strategies**

SHEET 1 OF 1
HOLE NO. M-26

PROJECT NO. **E46-9205-12**

PROJECT NAME **Dupont Street**

BORING LOCATIONS per Plan

FOREMAN - DRILLER **PD/Joe**

LOCATION **Brooklyn, New York**

INSPECTOR

	CASING	SAMPLER	CORE BAR
TYPE	HSA	SS	
SIZE I.D.	4 ¼"	1 3/8"	
HAMMER WT.		140#	BIT
HAMMER FALL		30"	

OFFSET
DATE START 9/24/12
DATE FINISH 9/24/12
SURFACE ELEV.
GROUND WATER ELEV.

GROUND WATER OBSERVATIONS
AT 10'6" FT AFTER 0 HOURS
AT FT AFTER HOURS

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC.	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6	6 - 12	12- 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
												0'8"	CONCRETE
													Process stone
													cobbles,asphalt,brick frags
												1'6"	Brn FM SAND, SILT, F-C GRAVEL
5													red brn lt brn SILT, FMC SAND, F-C GRAVEL,lit cobbles
10												10'0"	
		1	ss	24"	10"	12'0"	4	5			wet		brn lt brn FMC SAND,lit silt,F-C gravel
							6	9			compact		
		2	ss	24"	10"	14'0"	9	15			wet		
							29	34			dense		
15		3	ss	24"	18"	16'0"	15	18					
							17	19					
20												20'0"	
													E.O.B. 20'0"
25													
30													*(A hole / Concrete @ 1'6" obstruction 8" sidewalk)*
35													
40													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. **HOLE NO. M-26**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST
WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS
SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER
C = COARSE
M = MEDIUM
F = FINE
PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50%

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Telefax
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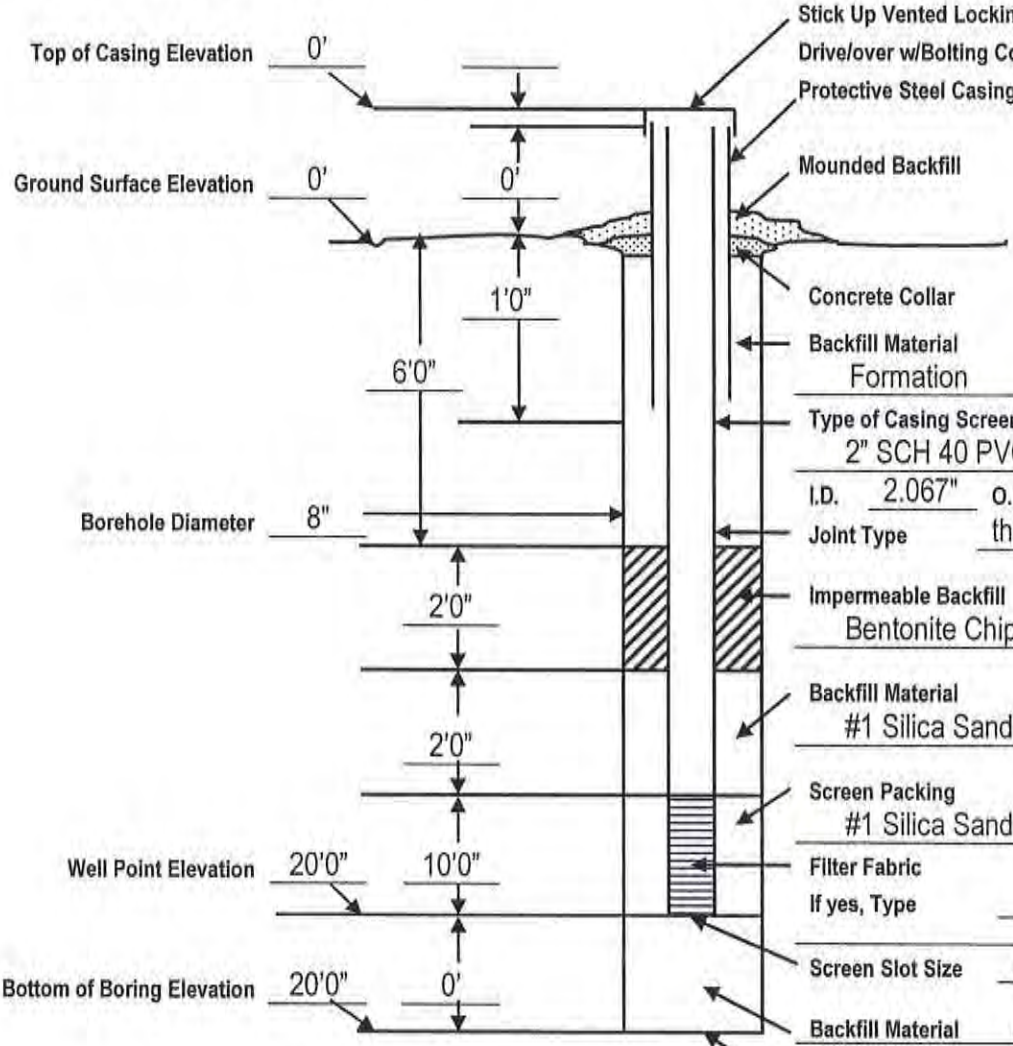
SOILTESTING, INC.

90 DONOVAN ROAD - OXFORD, CONN. 06478-1028

GEOTECHNICAL / ENVIRONMENTAL SUBSURFACE INVESTIGATIONS - Test Borings - Core Drilling
Monitoring Wells - Recovery Wells - Direct Push/Probe Sampling
UNDERPINNING - HELICAL PILES - SOIL NAILS

CLIENT: Ecosystems Strategies

Monitor Well # MW 26 **JOB #:** E46-9205-12



Stick Up Vented Locking Steel Cap	___ Yes	___ No	
Drive/over w/Bolting Cover	X Yes	___ No	
Protective Steel Casing	X Yes	___ No	
Mounded Backfill	___ Yes	X No	
Concrete Collar	X Yes	___ No	
Backfill Material	Formation		
Type of Casing Screen	2" SCH 40 PVC		
I.D. 2.067" O.D. 2.375"			
Joint Type	thd'd F.J.		
Impermeable Backfill	Bentonite Chips		
Backfill Material	#1 Silica Sand		
Screen Packing	#1 Silica Sand		
Filter Fabric	___ Yes	X No	
If yes, Type			
Screen Slot Size	.010		
Backfill Material	N/A		
Refusal	___ Yes	X No	

Screen	10'	Bentonite Pellets		Locking Exp. Plug	1
Riser	10'	Bentonite Chips	½	Lock	
Plug	1	Concrete Mix	1	D/O	6"
Slip Cap		Portland Cement		S/U	
Silica Sand	400#				
Powdered Bentonite					

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies	SHEET 1 OF 1 HOLE NO. MW-27
	PROJECT NO. E46-9205-12	
	PROJECT NAME Dupont Street	BORING LOCATIONS per Plan
FOREMAN - DRILLER PD/Joe	LOCATION Brooklyn, New York	
INSPECTOR	CASING / SAMPLER / CORE BAR	OFFSET
	TYPE: HSA / SS	DATE START 9/24/12
GROUND WATER OBSERVATIONS	SIZE I.D.: 4 ¼" / 1 3/8"	DATE FINISH 9/24/12
AT 12 FT AFTER 0 HOURS	HAMMER WT.: 140# / BIT	SURFACE ELEV.
AT FT AFTER HOURS	HAMMER FALL: 30"	GROUND WATER ELEV.

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC.	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6	6 - 12	12- 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
												0'6"	CONCRETE
													brn orng brn SILT,FMC SAND,lit F-C gravel
5													
													brn orng brn FMC SAND, F-C GRAVEL,sm silt,lit cobble
10													
		1	ss	24"	18"	12'0"	6	6			v moist		lt brn brn VF FMC SAND,lit silt
							8	8			compact		
		2	ss	24"	19"	14'0"	8	8			wet		
							8	8			compact		SAME
15		3	ss	24"	18"	16'0"	8	9			wet		
							10	12			compact		
20												20'0"	
													E.O.B. 20'0"
25													
30													*(A hole 6" Concrete core [10"] refusal 4' obstruction)*
35													
40													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. **HOLE NO. MW-27**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50%

C = COARSE
M = MEDIUM
F = FINE

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Telefax
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SOILTESTING, INC.

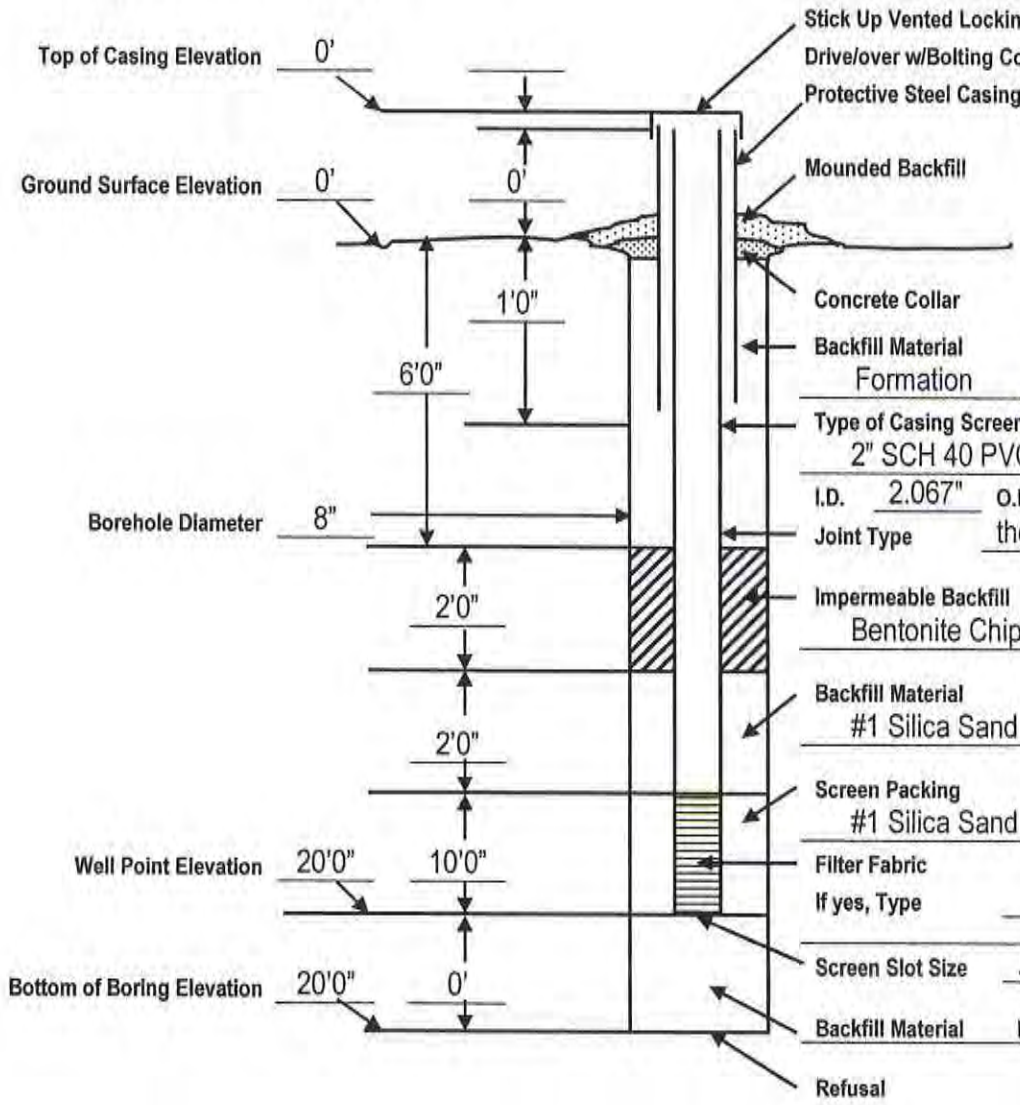
90 DONOVAN ROAD - OXFORD, CONN. 06478-1028

GEOTECHNICAL / ENVIRONMENTAL SUBSURFACE INVESTIGATIONS - Test Borings - Core Drilling
Monitoring Wells - Recovery Wells - Direct Push/Probe Sampling
UNDERPINNING - HELICAL PILES - SOIL NAILS

CLIENT: Ecosystems Strategies

Monitor Well # MW 27

JOB #: E46-9205-12



Stick Up Vented Locking Steel Cap		Yes	No
Drive/over w/Bolting Cover	X	Yes	No
Protective Steel Casing	X	Yes	No
Mounded Backfill		Yes	X No
Concrete Collar	X	Yes	No

Backfill Material: Formation

Type of Casing Screen: 2" SCH 40 PVC

I.D. 2.067" O.D. 2.375"

Joint Type: thd'd F.J.

Impermeable Backfill: Bentonite Chips

Backfill Material: #1 Silica Sand

Screen Packing: #1 Silica Sand

Filter Fabric: Yes X No

If yes, Type:

Screen Slot Size: .010

Backfill Material: N/A

Refusal: Yes X No

Screen	10'	Bentonite Pellets		Locking Exp. Plug	1
Riser	10'	Bentonite Chips	½	Lock	
Plug	1	Concrete Mix	1	D/O	6"
Slip Cap		Portland Cement		S/U	
Silica Sand	400#				
Powdered Bentonite					

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies	SHEET 1 OF 1 HOLE NO. B-28
	PROJECT NO. E1-9289-13	
	PROJECT NAME Dupont & Franklin Streets	BORING LOCATIONS per Plan
FOREMAN - DRILLER PD/jm	LOCATION Brooklyn, New York	
INSPECTOR		OFFSET
GROUND WATER OBSERVATIONS AT 11 FT AFTER 0 HOURS AT __FT AFTER __HOURS	TYPE: CASING HSA, SAMPLER SS, CORE BAR SIZE I.D.: 4 ¼", 1 3/8" HAMMER WT.: 140#, BIT HAMMER FALL: 30"	DATE START 1/15/13 DATE FINISH 1/15/13 SURFACE ELEV. GROUND WATER ELEV.

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6	6 - 12	12- 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
												0'8"	5" CONCRETE / 3" GRAVEL
													brn FMC SAND,lit F gravel
5													
		1	ss	24"	18"	7'0"	12	14			moist		lt brn FM SAND,tr C sand
							18	22			dense		lt brn MC SAND,tr F sand
10													
		2	ss	24"	12"	12'0"	13	19			moist		brn VF F SAND & SILT,lit MC sand,tr F gravel
							18	21			dense		
15													
		3	ss	24"	12"	17'0"	3	5			wet		brn VF F SAND,sm silt,tr M sand
							7	9			compact		
20												20'0"	
													E.O.B. 20'0"
25													
30													
35													
40													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. HOLE NO. B-28

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50%

C = COARSE
M = MEDIUM
F = FINE

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Telefax
(203) 264-3414

WHITE PLAINS, N.Y.
(914) 946-4850

SOILTESTING, INC.

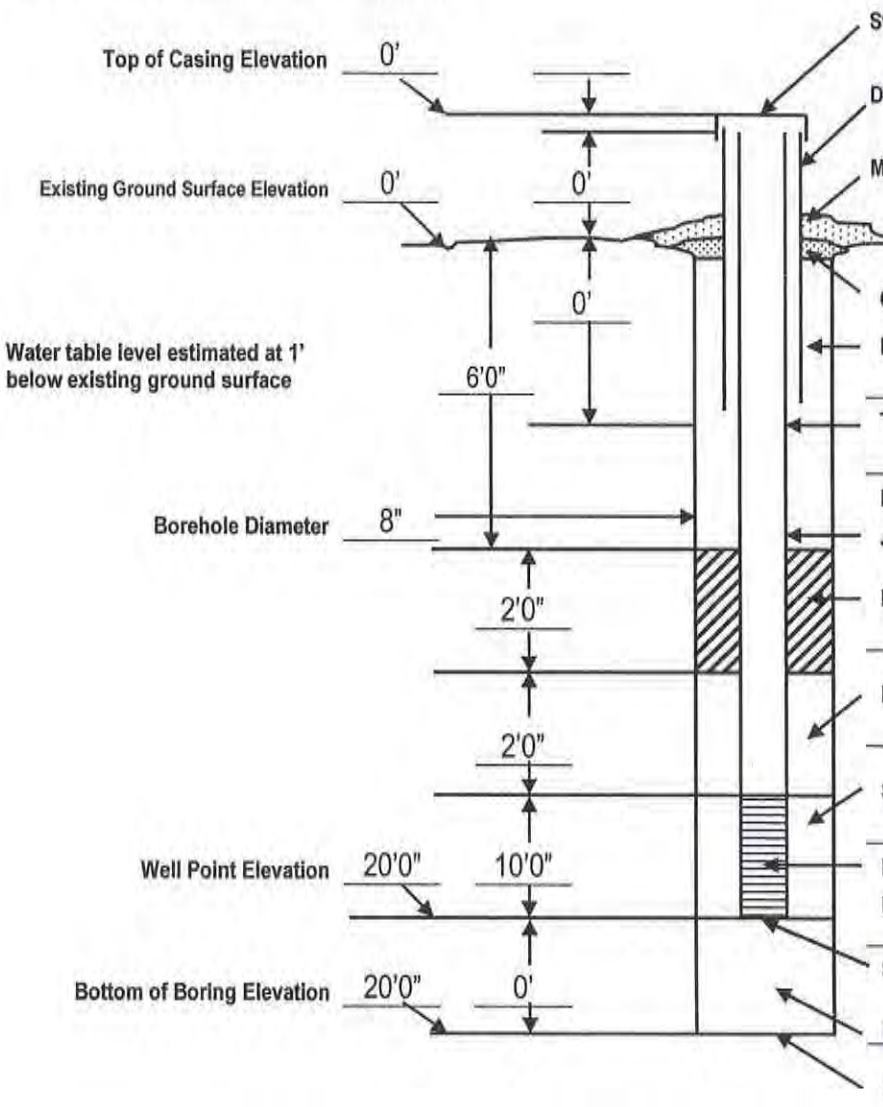
90 DONOVAN ROAD - OXFORD, CONN. 06478-1028

GEOTECHNICAL / ENVIRONMENTAL SUBSURFACE INVESTIGATIONS - Test Borings - Core Drilling
Monitoring Wells - Recovery Wells - Direct Push/Probe Sampling
UNDERPINNING - HELICAL PILES - SOIL NAILS

CLIENT: Ecosystems Strategies

Proposed Injection Well # MW-28

JOB #: E1-9289-13



Stick Up Vented Locking Steel Cap ___ Yes X No

Drive/over w/Bolting Cover X Yes ___ No

Mounded Backfill ___ Yes X No

Concrete Collar X Yes ___ No

Backfill Material Formation

Type of Casing Screen 2" SCH 80 PVC

I.D. 2.067" O.D. 2.375"

Joint Type thd'd F.J.

Impermeable Backfill Bentonite Chips

Backfill Material #2 Silica Sand

Screen Packing #2 Silica Sand

Filter Fabric ___ Yes X No

If yes, Type ___

Screen Slot Size .010

Backfill Material N/A

Refusal ___ Yes X No

Screen	10'	Bentonite Pellets		Locking Exp. Plug	1
Riser	10'	Bentonite Chips	½ bag	Lock	
Plug	1	Concrete Mix	1 bag	D/O	1
Slip Cap		Portland Cement	½ bag	S/U	
Silica Sand	400#				
Powdered Bentonite					

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies	SHEET 1 OF 1 HOLE NO. MW-29
	PROJECT NO. E1-9289-13	
	PROJECT NAME Dupont & Franklin Streets	BORING LOCATIONS per Plan
FOREMAN - DRILLER MD/pe	LOCATION Brooklyn, New York	
INSPECTOR		OFFSET
GROUND WATER OBSERVATIONS AT 11 FT AFTER 0 HOURS AT FT AFTER HOURS	TYPE: CASING HSA, SAMPLER SS SIZE I.D.: CASING 4 ¼", SAMPLER 1 3/8" HAMMER WT.: SAMPLER 140#, CORE BAR BIT HAMMER FALL: SAMPLER 30"	DATE START 1/8/13 DATE FINISH 1/8/13 SURFACE ELEV. GROUND WATER ELEV.

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	SAMPLE Type	SAMPLE PEN	SAMPLE REC	SAMPLE DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6	6 - 12	12 - 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	18"	12"	2'0"	—	4			dry	0'6"	CONCRETE
							7	6			compact		brn FM SAND,lit C sand,tr F gravel
		2	ss	24"	13"	4'0"	4	3			dry		SAME
							4	6			loose		
5		3	ss	24"	0"	6'0"	7	9			dry		No recovery
							7	8			compact		
		4	ss	24"	12"	8'0"	7	8			dry		lt brn M SAND,tr silt
							7	9			compact		
		5	ss	24"	15"	10'0"	6	7			dry		lt brn M-C SAND,lit F gravel,tr silt
10							7	4			compact		
		6	ss	24"	13"	12'0"	2	3			wet		
							3	4			loose		brn FM SAND,sm C sand,lit F gravel,tr silt
15													
20												20'0"	
													E.O.B. 20'0" - Set well at 20'
25													
30													
35													
40													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. **HOLE NO. MW-29**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER

C = COARSE M = MEDIUM F = FINE

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50%

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SOILTESTING, INC.

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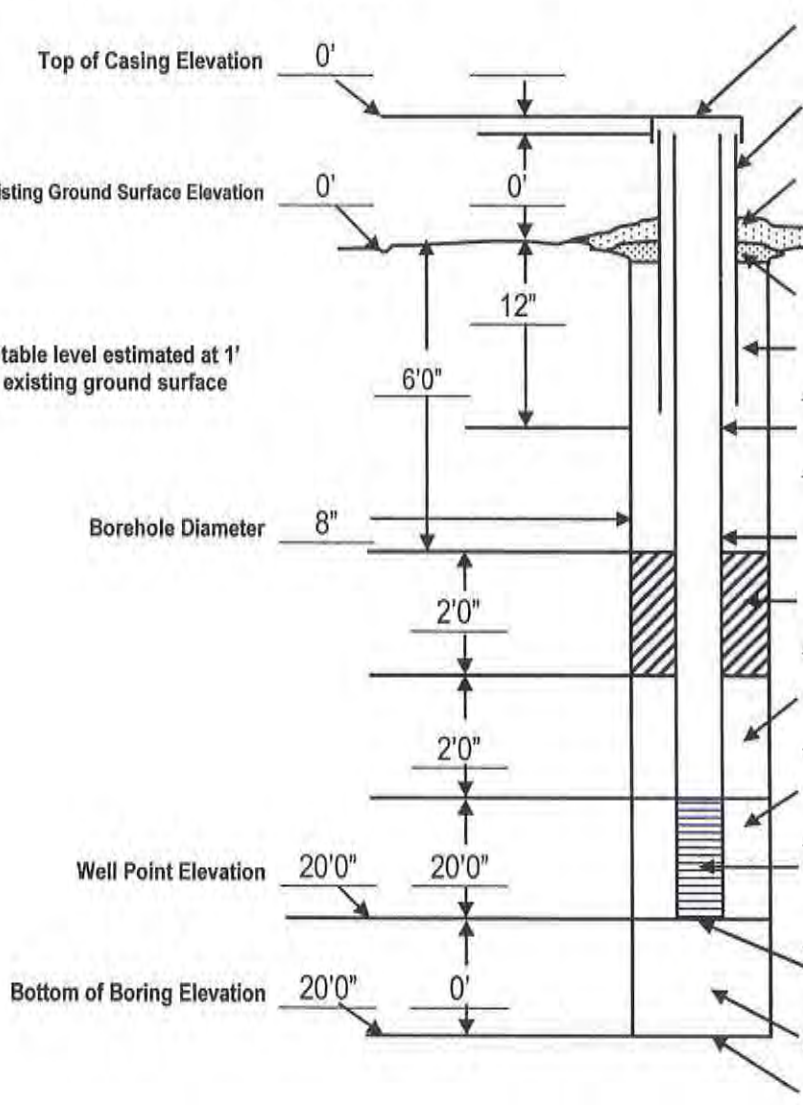
GEOTECHNICAL / ENVIRONMENTAL SUBSURFACE INVESTIGATIONS - Test Borings - Core Drilling
Monitoring Wells - Recovery Wells - Direct Push/Probe Sampling
UNDERPINNING - HELICAL PILES - SOIL NAILS

CLIENT: Ecosystems Strategies

Proposed Injection Well # MW-29

JOB #: E1-9289-13



Stick Up Vented Locking Steel Cap ___ Yes X No

Drive/over w/Bolting Cover X Yes ___ No

Mounded Backfill ___ Yes X No

Concrete Collar X Yes ___ No

Backfill Material Formation

Type of Casing Screen 2" SCH 80 PVC

I.D. 2.067" O.D. 2.375"

Joint Type thd'd F.J.

Impermeable Backfill Bentonite Chips

Backfill Material #2 Silica Sand

Screen Packing #2 Silica Sand

Filter Fabric ___ Yes X No

If yes, Type ___

Screen Slot Size .010

Backfill Material N/A

Refusal ___ Yes ___ No

Screen	10'	Bentonite Pellets		Locking Exp. Plug	1
Riser	10'	Bentonite Chips	½ bag	Lock	
Plug	1	Concrete Mix	1 bag	D/O	1
Slip Cap		Portland Cement		S/U	
Silica Sand	350#				
Powdered Bentonite					

ZEBRA: Daily Project Report

Project Day & Date: 7/31/13

ZEBRA Office: Jackson Crew Base: _____

Z#: _____ ZEBRA Unit #/Type: _____

PROJECT NAME: _____

PROJECT LOCATION: 280 Franklin ST Brooklyn NY

CLIENT/OFFICE: ecosystemstrategies

Client Project # _____

Client PM: _____ Client Site Contact: _____

Name/Company	Start	Arrive	Leave	Finish	Total Site Time	OT	Client Intl
Marc		7:00	2:00				
Steve		7:00	2:00				
Other Personnel On Site:							

Description of Work (detailed):

Installed 3 pre-packs 2"
1) 20' with 10' screen
2) 18' with 10' screen
3) 17' with 10' screen
Soil Sampled each well first

APP DGW:

MATERIALS	QTY. USED	UNIT	EQUIPMENT	
MC Liners	6	Liners	Air Knife / Vac Ex	
Expendable Points		Points	Core Drill / Generator / Demo Saw	
"x 5' PVC Screen		PC's	Decon Pads	
"x 5' PVC Riser		PC's	Pump / Type_____	
PVC Points		Points	Steam / Pressure Washer	
Flush Mount Well Box/J-Plug		Boxes	Trailer (Decon / Utility)	
Tubing		Rolls	OTHER:	
Sand		Bags		
Bentonite/Hole Plug		Bags	2"x5' prepack screens	6
Asphalt/Blacktop		Bags	2"x5' casings	6
Portland Cement/Concrete		Bags		
Drums (55 Gal.)			6" manholes	3
			sacks	2

Probe Tools Damaged / Lost:

Number of Points	Number of Samples	Soils	GW	Soil Vapor	Wells Installed Describe:

Field Verification:

ZEBRA: _____ CLIENT (Print): _____

(Sign): _____

ZEBRA: Daily Project Report

Project Day & Date: 8/1/13

ZEBRA Office: Jackson Crew Base: _____

Z#: _____ ZEBRA Unit #/Type: _____

PROJECT NAME: _____

PROJECT LOCATION: 280 Franklin ST Brooklyn NY

CLIENT/OFFICE: ecosystem strategies

Client Project # _____

Client PM: _____ Client Site Contact: _____

Name/Company	Start	Arrive	Leave	Finish	Total Site Time	OT	Client Intl
Mark		7:00	2:00				
Steve		7:00	2:00				
Other Personnel On Site:							

Description of Work (detailed):

Installed 2 2" pre-pack wells to 22'

7 soil samples from 10'-15'

APP DGW:

MATERIALS	QTY. USED	UNIT	EQUIPMENT	
MC Liners	7	Liners	Air Knife / Vac Ex	
Expendable Points		Points	Core Drill / Generator / Demo Saw	
"x 5' PVC Screen		PC's	Decon Pads	
"x 5' PVC Riser		PC's	Pump / Type_____	
PVC Points		Points	Steam / Pressure Washer	
Flush Mount Well Box/J-Plug		Boxes	Trailer (Decon / Utility)	
Tubing		Rolls	OTHER:	
Sand	1	Bags	2"x5' pre-pack screens	4
Bentonite/Hole Plug	3	Bags	2"x5' risers	6
Asphalt/Blacktop		Bags		
Portland Cement/Concrete		Bags	2" Tops	2
Drums (55 Gal.)			2" plugs	2

Probe Tools Damaged / Lost:

Number of Points	Number of Samples	Soils	GW	Soil Vapor	Wells Installed Describe:

Field Verification:

ZEBRA: _____ CLIENT (Print): _____

(Sign): A. Atkinson

APPENDIX E

Previous Environmental Reports

ADVANCED SITE RESTORATION, LLC
ENVIRONMENTAL SERVICES

Spill # 0601852
Underground Tank Closure Report
49-55 Dupont St., Brooklyn, New York 11222



Prepared on Behalf of:
49 Dupont Realty Corporation

Prepared By:
Alberto Baruffi
Advanced Site Restoration, LLC

July 2006

Alberto Baruffi
Project Professional

Steve Muller
Project Manager

"One Call Does it All" - Ask ASR Toll-Free at 1•866.9ASKASR
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TEL: 212•809•1110 FAX: 212•809•1779
www.askasr.com

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1. Submittal Information

NYSDEC Spill Number
SPILL # 0601852

NYSDEC Case Manager:
Raphael Katani

Site Owner:
49 Dupont Realty Corporation

Location of Subject Property:
47-55 Dupont St.
Brooklyn N.Y. 11222

2. Scope of Project

This Underground Storage Tank Closure Report documents the results of the investigation and closure of seventeen (17) underground storage tanks (USTs) at the subject site. This investigation was conducted by Advanced Site Restoration, LLC (ASR), contracted by the 49 Dupont Realty Corp. to oversee the tank closure activities.

This report details the filling of underground storage tanks in accordance with New York State Department of Environmental Conservation (NYSDEC), Spill Prevention Operations Technology Series (SPOTS) Memo #14, Site Assessments at Bulk Storage Facilities (August 1994). The scope of this report includes the following:

- Review of the New York State regulatory agency records for the site and the immediate surrounding area;
- Collection of soil samples throughout the site and in close proximity of the underground storage tanks (UST's) for laboratory testing.
- Explanation of the means to close out the seventeen (17) UST's on site.
- Summary of the analytical findings respective to the NYSDEC TAGM 4046, Allowable Soil Concentrations.

3. General Site Data

Site Description: The subject site is New York City Tax Block is 2487 and the Tax Lots 1, 10, 12, 17, 18, 20, 21, 57, 72, and 78. The current owner since 1983, is the 49 Dupont Realty Corporation.

The subject site is a former manufacturing facility. The New York City Department of Finance Occupancy Code is "F-9, Factory Industrial." According to a Sanborn Map Report from Environmental Data Resources, industrial activity at the subject site dates as far back as 1887.

Historic use of the site has included manufacturing, office, storage, shipping and receiving. Specifically, the site has been a plastic manufacturing facility since approximately 1950. According to *FPM Group* who completed a Phase I Site Assessment for the subject site, the commercial uses prior to 1950 included a boiler shop for Logan Ironworks, two stable buildings, a gas and light fixture factory, a sheet metal works, a soap manufacturer, a water proofing manufacturer, and a scrap metal facility.

The North American Industry Classification System (NAICS) listing for the subject site is "Plastic Fitting and Plastic Manufacturing". The factory at the subject site was most recently used to manufacture vinyl sheeting. It had been used as such a facility for the greater part of the 20th Century. As of 2004, the factory ended its manufacturing operations. The subject site is currently being used by NuHart & Company to store vinyl products. The in-situ environmental remediation currently being performed by ASR began in May 2006. A full Phase II Site Investigation is currently underway as required for future redevelopment.

According to the United States Geological Survey (USGS) Brooklyn, New York 7.5 Minute Series Topographical Map, the Site is situated at an approximate elevation of 13 feet above mean sea level. The location of the Site is shown on the Site Location Map, Figure 1, Appendix A.

In September of 2004, a visual reconnaissance of the site was performed by *RTP Environmental Associates* (RTP) Suspicion of asbestos was reported throughout the site. Four (4) silos used to store poly vinyl chloric acid were observed on the west side of the property. RTP reported a drum storage area with drums containing petroleum products. Plasticizers were also found in several areas of the subject site in drums and in concrete lined piping trenches. Currently, all asbestos issues are being addressed by a licensed asbestos abatement company. The on–site contamination, including that of plasticizers is being fully delineated in preparation for environmental remediation.

There are a number of Underground Storage Tanks (USTs) at the subject site. Overall, the installation of UST's at the subject site had not been thoroughly documented. Perhaps this is due to the time frame and the multiple uses of the property. As a result, past environmental reports have not been consistent in terms of the number of tanks on site, their sizes, or their contents.

ASR field activities have confirmed the locations of these tanks, their sizes and their contents. Field activities include drilling, calculating the foam used to fill up the tanks, and fingerprint samples from within the tanks.

An EDR Report is attached as Appendix H.

A total of seventeen (17) tanks were found to be on site containing the following:

- Fuel oil
- Plasticizers
- Acetone
- Methyl tert butyl ketone

In July of 2006, ASR filed a CBS report with the NYSDEC, see Appendix B.

Surrounding Land Use: The surrounding use of the site is a mix of commercial, residential, manufacturing, and recreational. There are a number of mixed use lots with both residential and manufacturing. To the north of the site is a warehouse and a hardware store beyond which is an automotive lot (as seen in Appendix A, Figure 2-Aerial Photograph). To the east down Clay Street and Dupont Street are several multi-family residential units. To the south across Dupont Street there are apartments and more residential units. To the west is a New York City Park.

Sensitive Receptor Survey: Inside the facility at the subject site, numerous sewer vents can be seen on both the north and south sides. In addition there is the possibility that a bottom drain(s) is located beneath a series of pits at the subject site. This means that subsurface soils and groundwater may have been impacted by discharge from the facility. The East River is 200 meters to the west of the site. As mentioned in the Surrounding Land Use Section, there are residential units to the east and the south of the subject site. These residential units are directly adjacent to the site.

An EDR Report is Attached as Appendix H.

4.0 Regional Geology/Hydrogeology

The subject site is located in Brooklyn, New York. The elevation of the site, as presented on the United States Geologic Survey (USGS), Manhattan Quadrangle Map (1995), is approximately 13 feet above sea level (Figure 1, Appendix A). The subject site lies within an area classified as Urban Land. This soil type consists of urbanized areas where the majority of surface is covered with buildings, roads, driveways, parking lots, and other manmade structures.

A USGS Survey of Water Table Elevation concluded that the elevation of the water table at the subject site was approximately five (5) feet above Mean Sea Level. The direction of groundwater flow is most likely to the west-southwest.

5.0 Previous Investigations/Historical Review

The subject site is classified as a Small Quantity, RCRA Hazardous Waste Generator.

As previously mentioned, RTP Environmental Associates, Inc. of 400 Post Road, Westbury New York, conducted a Preliminary Phase I Site Assessment. The report mentioned issues such as the need to:

- Identify environmental concerns regarding the 10,000 gallon USTs
- Test the integrity of certain tanks
- Clean the inside of the building
- Get the building up to code with NYC Building Dept.
- Perform additional environmental investigations
- Identify the means of demolition and waste disposal

As stated in the Conclusion section of the RTP report, the main area of "potential environmental concern" within the property are the tanks and the piping/vent lines associated with them.

In addition to the aforementioned report, FPM Group of 909 Marconi Avenue, Ronkonkoma New York, conducted a Phase I Environmental Site Assessment in April 2005. This report was much more detailed than the previous. As in the RTP report, this more recent report identified several Areas of Concern. They include:

- UST's, both known and suspected
- Oil-Water Separator
- Sub grade pipe chaseways (trenches)
- Loading Dock Drain
- Drum Storage Area
- Printing Press Pits
- Asbestos
- Silos
- Freight Elevator
- Oil Stained Walls
- Groundwater and soil gas (site wide)

6.0 On Site Activities

As stated in the previous section, there are a number of environmental concerns associated with the subject site. ASR utilized all available resources including sub contractors specializing in certain areas of remediation to address these issues. The oil stained trenches with suspected hydrocarbon and plasticizers mentioned in previous reports were thoroughly addressed. ASR personnel shoveled out sludge, dirt, and product into 55 gallon DOT Ring Top Drums. These drums were sampled and can be seen in Appendix A- Figure 6- Photographs, along with the contaminated trenches. To address residual staining, ASR personnel applied the L-10, surfactant to the bottom of the trenches, shoveled, swept, and used squeegees to clean the trench bottom, walls, and oil/water separators. Please see Appendix A, Figure 6 –Photographs to view some of the drums and trenches.

All known tanks have been properly closed out as stated in Section 7.0 Underground Tank Closure Methodology, in more detail.

The known asbestos throughout the site will be abated by a licensed asbestos abatement company.

Removal of the boilers and silos will be performed by a licensed demolition company.

All waste was properly disposed of. Please see Section 9-Waste Disposal.

7.0 Underground Tank Closure Methodology

The following table is a list of all the tanks present at the subject site. All information is based on the best available data to the consultant, Advanced Site Restoration.

Table 1 - List of Tanks

TANK #	SIZE (gal)	CONTENT	BLOCK 2487, LOT:
1	10,000	#2 Fuel Oil	18
2	10,000	#2 Fuel Oil	20
3	1,500	#2 Fuel Oil	20
4	1,500	Methyl Tert Butyl Ketone	21
5	1,500	Acetone	21
6	6,000	DINP/DOP	72
7	6,000	DINP/DOP	72
8	10,000	711 (Diundecyl Phthalate)	78
9	10,000	711 (Diundecyl Phthalate)	78
10	5000	Extra Super Hecla Oil	1
11	5000	Extra Super Hecla Oil	1
12	5000	Extra Super Hecla Oil	1
13	5000	Extra Super Hecla Oil	1
14	10,000	DINP/DOP	1
15	6,000	DINP/DOP	1
16	6,000	Plasticizer	10
17	1,500	Plasticizer	1

*The MSDS sheets for these products are attached as Appendix D

The goal of the on site activities conducted by Advanced Site Restoration, on the USTs, was to get permanent closure of the tanks. In order to do so, the following steps had to be followed in accordance with Section 613.9, Part B, in the NYSDEC Petroleum Bulk Storage Regulations:

I. "Liquid and sludge must be removed from the tank and the connecting lines. Any waste products removed must be disposed of in accordance with all applicable state and federal requirements."

II. "The tank must be rendered free of petroleum vapors. Provisions must be made for natural breathing of the tank, to ensure that the tank remains vapor free."

III. "All connecting lines must be disconnected and removed or securely capped or plugged. Manways must be securely fastened in place."

IV. "Aboveground tanks must be stenciled with the date of permanent closure."

V. "Underground Storage Tanks must either be filled with a solid inert material (such as sand or concrete slurry) or removed.

VI. "Aboveground tanks must be protected from floatation in accordance with good engineering practice"

As a means to close out all if seventeen (17) known UST's on site, following the aforementioned regulations, ASR retained Tridon Industries Inc. to perform a "Closure In Place." In order to do so, Tridon Industries used the Polymaster R 501 product, a foam that can be used to fill tanks and seal them. The foam is a solid inert material. According to Polymaster, the foam is made from aminoplast, tri-polymer, kiln-dried resin and it retains less moisture than similar products. A Tridon flyer on tank closure can be viewed as Appendix E. In addition, Polymaster provided the following information on their product.

Thermal R-Values

Standard 105 lb.density 12" CMU wall – R-20.1 based on ASTM C-236

Standard 105 lb.density 8" CMU wall – R-11.01 based on ASTM C-236

Acoustical Values

45-50 dB loss – ASTM E413-73

Flame Classification

Class I

Water Resistance

Perms per inch: 6.631

Surface Absorrption: <1% by volume

Environmentally Green

Biodegradable

No CFC's

No ozone depleting off-gassing

No container disposal

Preparation of Tanks: Prior to the application of the Polymaster product, all of the tanks had to be cleaned of any remaining product inside. After the tanks were opened up, they were inspected by ASR personnel to determine their status. Any product discovered in the tanks was sampled. If there was no noticeable product, the tank was gauged for fumes using an Lumidor Impact Pro atmospheric monitor (Serial # ZEL0500471, Configured Feb. 2006). Next the tanks were vented for fumes and gauged again after twenty and thirty minutes. After the environment inside the tank was deemed safe, ASR personnel entered the tanks to clean any stains and remaining product. Please see Appendix F-Confined Space Entry Permits.

ASR utilized the services of Fenley & Nicol Environmental and Milro Environmental Associates when significant product was present. In June of 2006, Fenley & Nicol personnel advanced a Vacuum truck on site to pump out the first round of tanks. 2810 gallons and 1737 gallons of Fuel Oil Mixture were removed from the tank bottoms. On June 29, 2006 Milro removed 400 gallons of waste oil and sludge from a tanks. On July 12, 2006, Milro returned to the site and drew 500 gallons Tank # 17 and one other tank. All tank bottoms were put into 55 gallon DOT ring top drums to be properly disposed of.

The next step in the preparation of the tanks, was to manually clean out of the tanks utilizing Confined Space Entry Certified personnel to do so. Certified personnel from Advanced Site Restoration and Fenley & Nicol entered the tanks via tripod and harness. After being lowered into the tanks, the personnel used squeegees and brushes to clean the upper area of the tank down to the bottom. Product was collected from the bottom of the tanks and removed. All product removed was stored in 55 gallon, DOT Ring Top Drums. Any residual contamination was collected with absorption pads. This procedure was used as a protocol for all of the tanks at the subject site. Please see Appendix A, Figure 6 –Photographs to view the tripod and harness as well as cleaned tanks.

Disposal Manifests may be viewed as Apppendix B.

No visual signs of leaking or damaged tanks were observed by personnel inside the tanks.

Tank Fill: After proper cleaning and disposal of tank bottoms, each tank was filled with the Polymaster product. The following table displays the amount of Polymaster Foam applied to each tank. In addition, the estimated volume was calculated based on the multiple of 60 given by Tridon Industries. The estimated volume is at or near the sizes listed in Table 1.

Table 2

TANK #	FOAM APPLIED (GAL)	Estimated Volume (GAL)
1	200	12,000
2	200	12,000
3	25	1,500
4	25	1,500
5	25	1,500
6	116.5	7,000
7	116.5	7,000
8	200	12,000
9	166	10,000
10	75	4,500
11	75	4,500
12	66.5	4,000
13	66.5	4,000
14	200	12,000
15	133	8,000
16	200	12,000
17	100	6,000

8.0 Site Investigation & Sampling Results

In order to determine the extent of which historical use has impacted the environmental quality of the site, ASR retained Longshore Environmental Inc. to advance a geo-probe throughout the subject site. Soil samples were taken around groundwater interface and stored in 4 oz and 8 oz jars. All samples were submitted to York Analytical Laboratories Inc. for analysis. The analytical protocol was to test samples for the presence of contaminants using EPA Methods 8260 and 8270 BN. Given the historic use of the subject site, the suspected contamination was that of oil and plasticizers. These types of contaminants fall under those the 8270 BN sampling method, The analytical results would later confirm the detection of the types of contaminants that were believed to be on site.

As seen in Table 2, Sampling Results Summary, Phthalates (plasticizers) were detected throughout the site as suspected. In fact, Phthalates make up the overwhelming majority of contaminants detected on site. Specifically, Bis (2-ethylhexyl) phthalate and Di-n-octylphthalate were detected at concentrations below and above their applicable NYSDEC TAGM 4046, Allowable Soil Concentrations throughout the site. Napthalene was also detected throughout the site iin excess of the "NYSDEC TAGM 4046, Allowable Soil Concentrations".
Analysis of samples taken at groundwater interface beside the oil tanks indicated the presence of Anthracene, Benzo (a) anthracene, Benzo (a) pyrene, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Chyresene, Phenanthrene and Isophorone. These compounds are common constituents of oil. Very few Volatile Organic Compounds were detected on site as seen in Table 3.

The laboratory analytical results from the subject site were able to give the consultants at Advanced Site Restoration a good idea of the extent of the contamination. Given the results, various "zones" if you will, can be observed. The determination of these zones is important when devising a plan for further on and off site delineation (Please see Recommendations, in Section 10.) Generally, the Phthalates on site appear in high concentrations around groundwater interface on the northwest section of the building. The highest concentrations of Phthalates were detected in SB-6. It appears that these Phthalates are below a shallow area of soil where some elevated levels of VOC's were detected. The highest concentrations of SVOC's were detected in SB-39 next to Tank #15 and Tank #17. The highest concentrations of VOC's were detected in SB-14, next to Tank #2 and Tank #3.

Table 3 Sampling Results Summary

Soil Boring	Total VOC	Total SVOC	Total Phthalates
1 (1'-5')	ND	ND	ND
1 (5'-10')	ND	ND	ND
2 (1'-5')	ND	ND	ND
2 (10'12')	1700	ND	ND
3 (1'-5')	ND	ND	ND
3 (5'-10')	ND	190	190
4 (1'-5')	25	52,700	ND
4 (13'-15')	ND	340,000	340,000
5 (1'-5')	17	38,500	ND
5 (10'12')	657	510,000	510,000
6 (1'-5')	228	20,340	ND
6 (14'-16')	ND	12,000,000	12,000,000
7 (1'-5')	17	35,510	
7 (11'-13')	ND	6,800	6,800
8	ND	280	280
9	ND	170	170
10	ND	ND	ND
11	ND	260	260
12	ND	ND	ND
13	ND	370	370
14	40,500	32,900	0
15	ND	ND	ND
16	ND	300	300
17	ND	4,580	ND
18	ND	ND	ND
19	ND	ND	ND
20	ND	ND	ND
21	ND	ND	ND
23	ND	2,200	380
24	ND	30,000	30,000
32	ND	1,500	,1500
34	217	651,000	651,000
36	ND	1,200	1,200
37	ND	108,300	108,300

38a	ND	3,500	3,500
38b	ND	1,000	1,000
39	2,470	238,200	ND
44	493	20,000,000	20,000,000
46	ND	670	340
48	ND	4800	4800
49	ND	1,250	550
50	ND	4,920	4,700
51	ND	45,000	45,000
52	ND	11,490	3,860
56	ND	ND	ND
57	ND	58,800	58,800
58	ND	320	320
59	ND	ND	ND

In addition to sampling the geo probe soil borings, ASR also took samples from inside some of the UST's. The purpose of this sampling was to determine the chemical constituents of product in the tanks. Analysis of a water sample from inside Tank #3 indicated the detection of Benzene and Napthalene at 22ppb and 76 ppb respectively. Analysis of a water sample from inside Tank #4 indicated no detection of any contaminants according to EPA Method's 8260 and 8270 BN. In Tank #5, 65,000 ppb of Toluene was detected. Tank # 12 was sampled for a fingerprint ID. The laboratory results state that "no oil pattern was present"

On June 26, 2006 ASR personnel drew a sample of product from inside of Tank #17. The sample was submitted to York Analytical Laboratories Inc. to identify the constituents of the product. The results of this analysis matched what was found throughout the site. Bis (2-ethylhexyl) phthalate and Di-n-octylphthalate were detected 2,800,000 ppb and 2,700,000 ppb respectively. In addition, 2-Methylnapthalene and Napthalene were detected at 820,000 ppb and 200,000 ppb respectively.

9.0 Waste Disposal

All waste was properly disposed of by the applicable regulations.

Tank Bottoms: The waste at the bottom of the UST's labeled "Fuel Oil Mixture" was taken off site by Fenley & Nicol Environmental Inc. to their facility at:

Fenley & Nicol Environmental
445 Brook Ave
Deer Park, N.Y. 11729

The waste at the bottom of the UST's labeled "Waste Oil and Sludges" was taken off site by Milro Associates to:

NY Oil Recovery
94 Hausman St,
Brooklyn, N.Y.11222

Trenches: The waste from the bottom of the trenches was cleaned out and stored in DOT Ring Top drums on site. A total of 66 drums were generated.

Soil Disposal: All soil was stored in DOT Ring Top drums on site. All drums were labeled with their contents for future disposal.

All available disposal manifests can be seen as Appendix B.

10.0 Summary & Conclusions

On behalf of, 49 Dupont Realty Corporation has prepared this Underground Storage Tank Closure Report to present the documentation of the UST Closure in Place.

Sampling & Analysis-Throughout June of 2006, ASR advanced roughly forty one (41) geo probe soil borings at the subject site. Soil samples were taken at groundwater interface, and submitted to a certified laboratory for analysis using EPA Methods 8260 and 8270 BN.

UST Documentation & Closure- Using all available resources, ASR compiled a list of the UST's on site, (See Table 1.) ASR prepared the tanks for filling using confined space-certified personnel. On June 20-21, 2006 and July 3 and July 17, 2006, ASR retained Tridon Industries to fill all of the UST's on site using the Polymaster R 501 product, a foam that can be used to fill tanks and seal them.

10.1 Recommendations

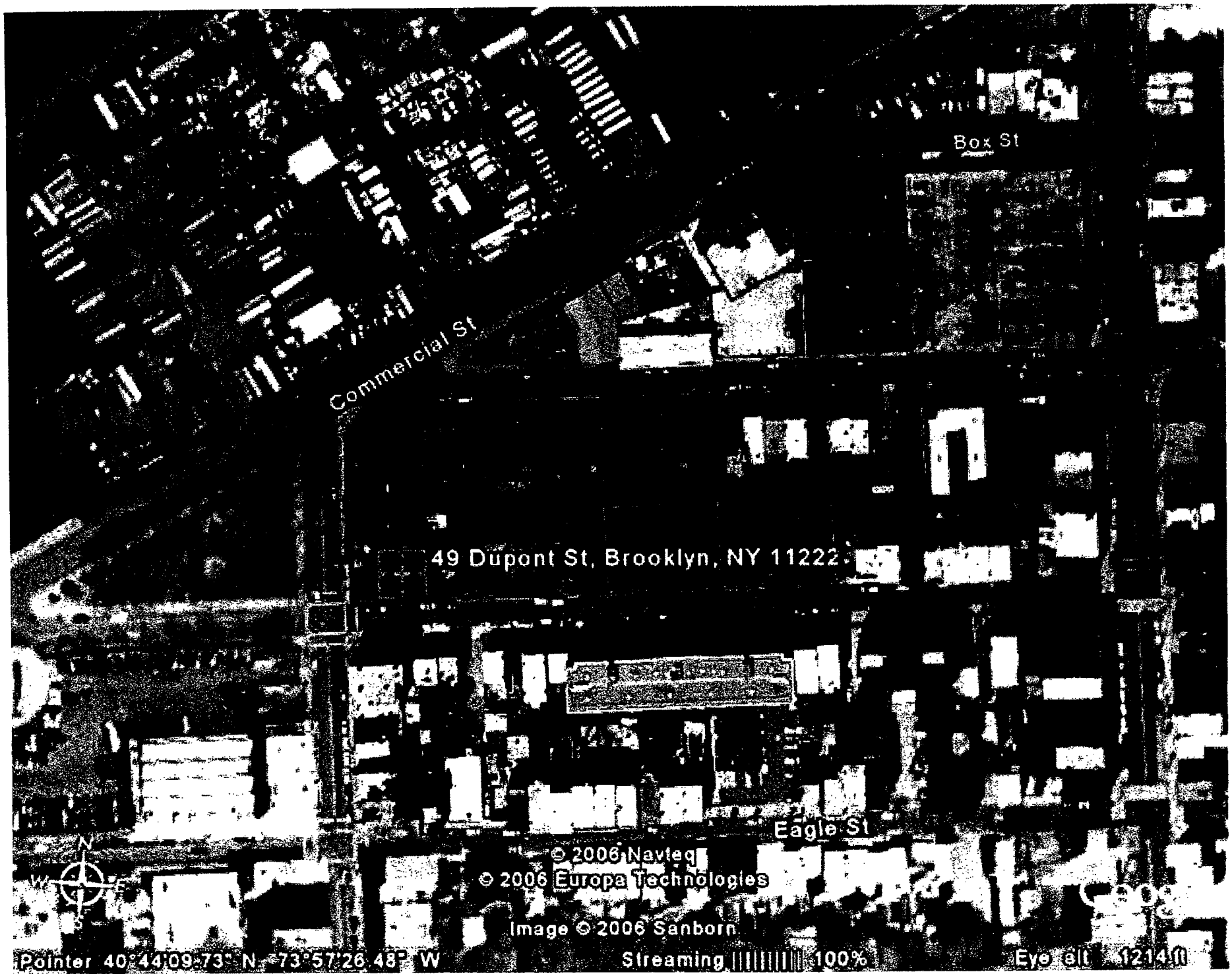
Based on the results of the tank closure and the preliminary site investigation ASR recommends the following:

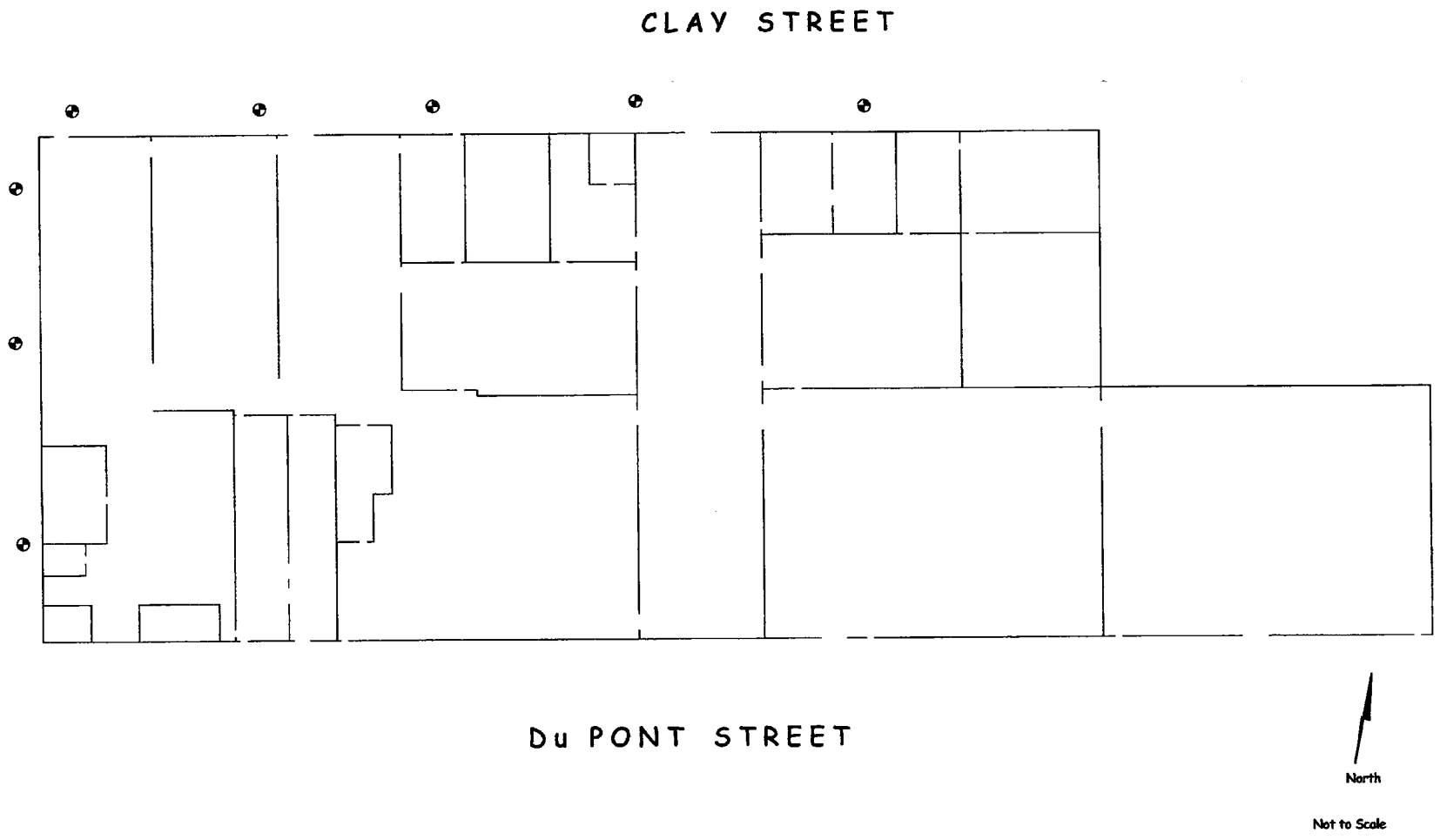
- Install groundwater monitoring wells on site and off site as needed based on the delineation of the plumes(s) on site. See Appendix A- Figure 3. Proposed Monitoring Well Location Map.
- Survey the site to develop a Groundwater Gradient Map.
- Start a sampling and monitoring program both on and off site.
- Evaluate program to determine any clean zones, hot zones, and movement of product. Based on the evaluation, further delineation may be required.
- Based on the delineation study a Remedial Action Plan (RAP) will be developed and submitted to the NYSDEC for approval.

TOPO! map printed on 06/13/06 from "Northeast.tpo" and "Untitled.tpg"



Map created with TOPO!® ©2002 National Geographic (www.nationalgeographic.com/topo)


Box St
Commercial St
49 Dupont St, Brooklyn, NY 11222
Eagle St
© 2006 Navteq
© 2006 Europa Technologies
Image © 2006 Sanborn
Pointer 40°44'09.73" N, 73°57'26.48" W
Streaming 100%
Eye alt 1214 ft

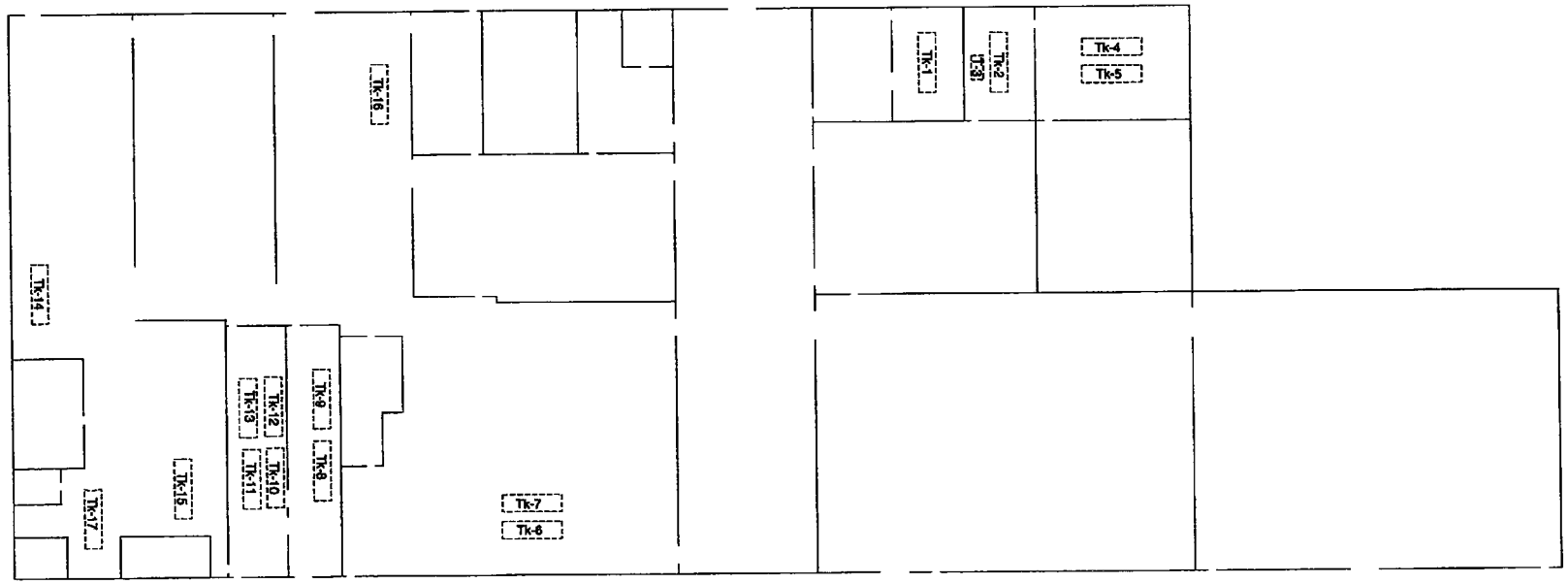


ASR
ADVANCED Site Restoration, LLC.
Environmental Services
62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr.com

Figure - 3
Site Map with Proposed Well Locations
Rev: 06/20/06
SWM

NuHart & Company, Inc.
49 - 55 Dupont Street
Brooklyn, New York

CLAY STREET



Du PONT STREET

North

Not to Scale

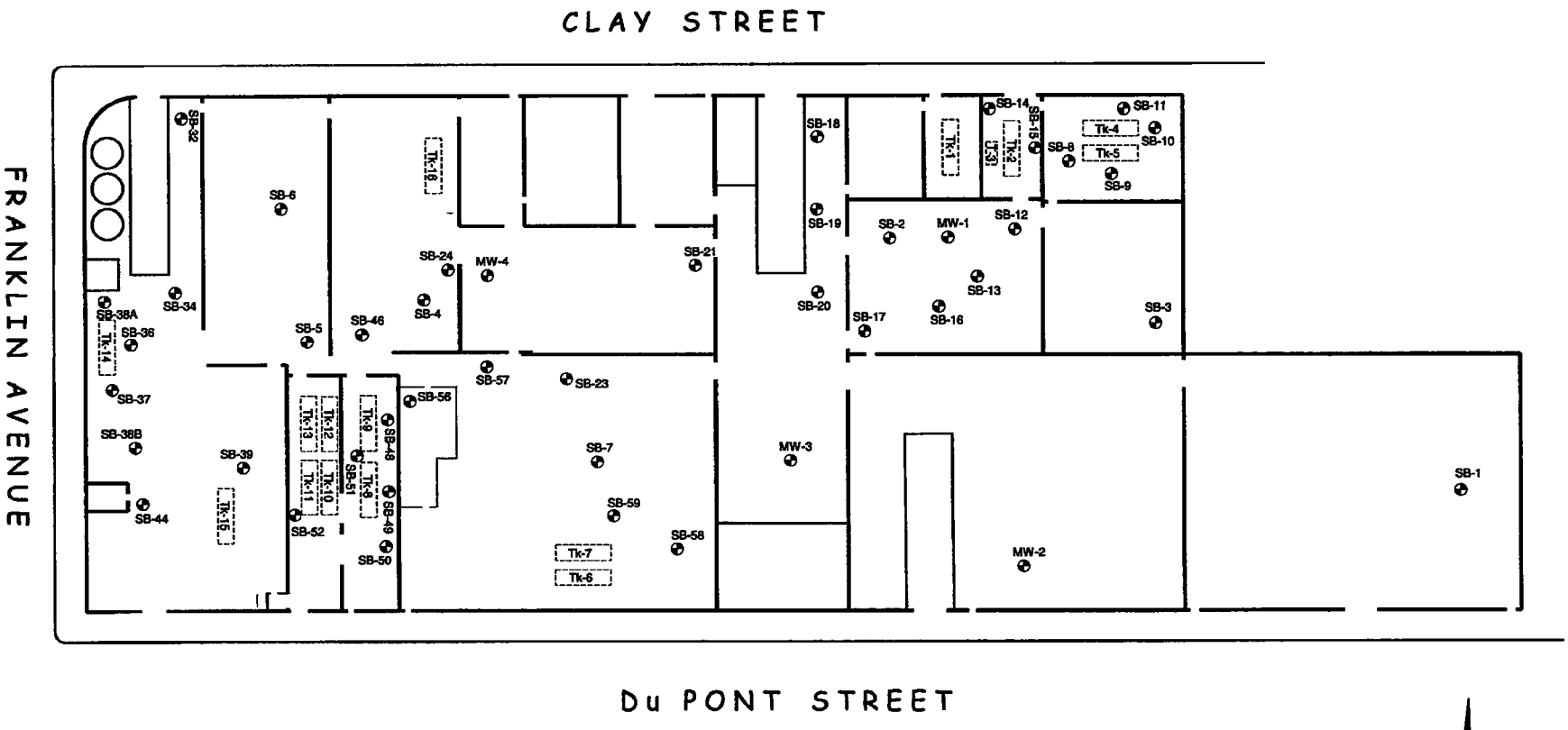
ASR
ADVANCED Site Restoration, LLC.
Environmental Services
62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr.com

Figure - 4
UST Location Map

SWM

Rev: 06/20/06

NuHart & Company, Inc.
49 - 55 Dupont Street
Brooklyn, New York



MW-2
Location of Groundwater Monitoring Well

SB-22
Location of Geoprobe Soil Boring

North

Not to Scale

ADVANCED Site Restoration, LLC.
Environmental Services

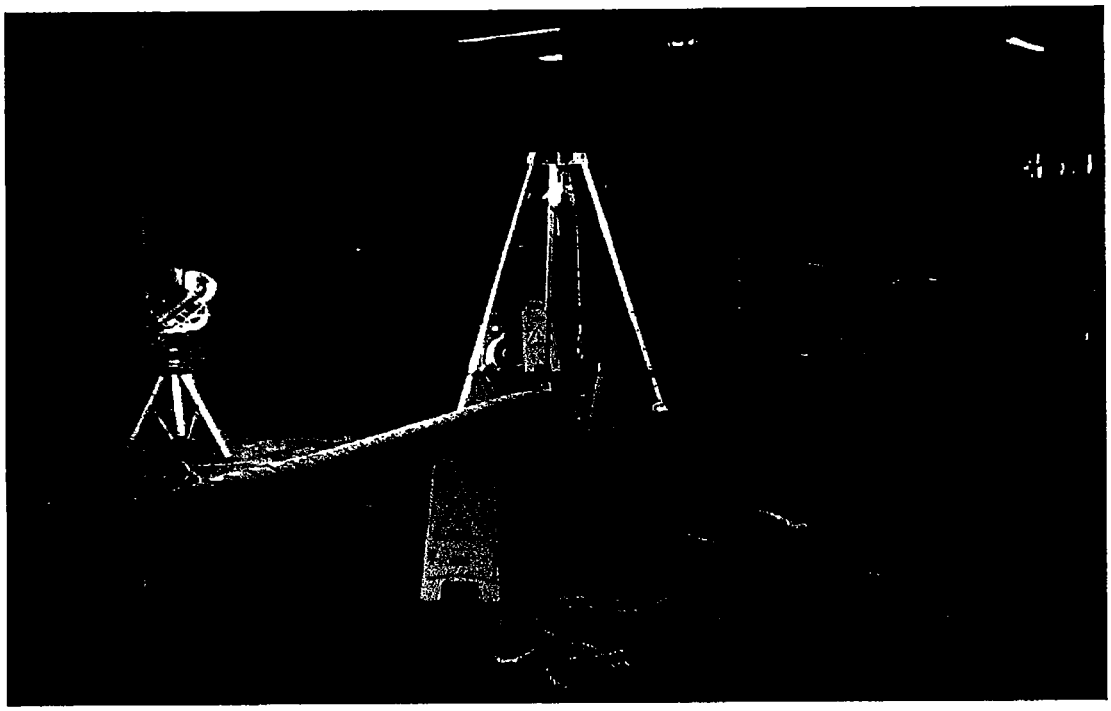
62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr.com

Figure - 5
Boring Location Map

SWM

Rev: 06/20/06
05/11/06

NuHart & Company, Inc.
49 - 55 Dupont Street
Brooklyn, New York



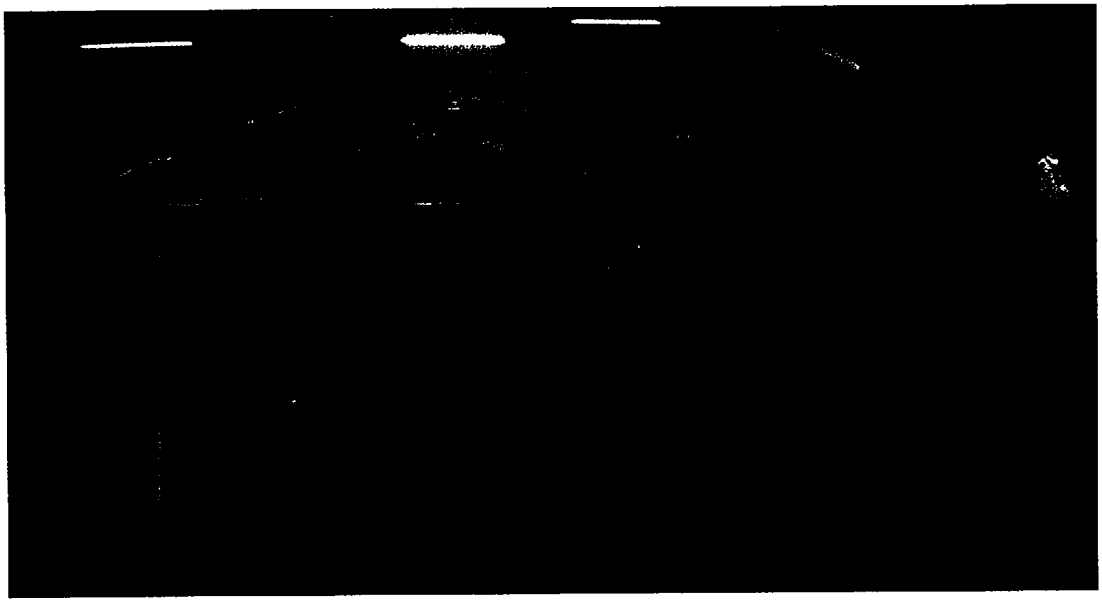
Tank #8 with confined space entry set up



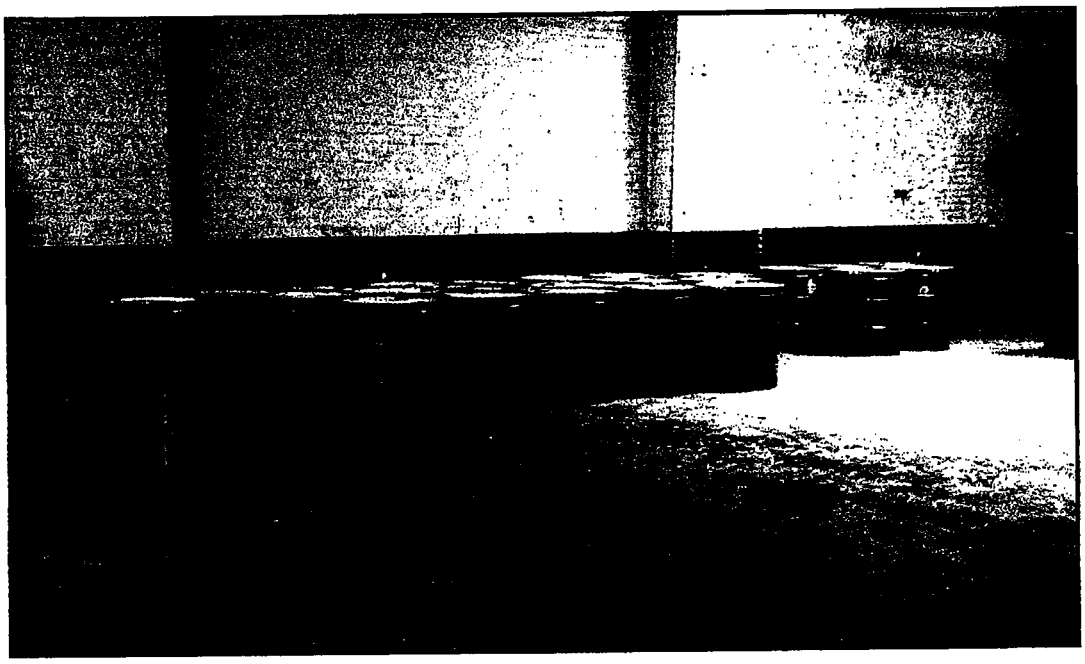
ASR personnel being lowered into pit with harness



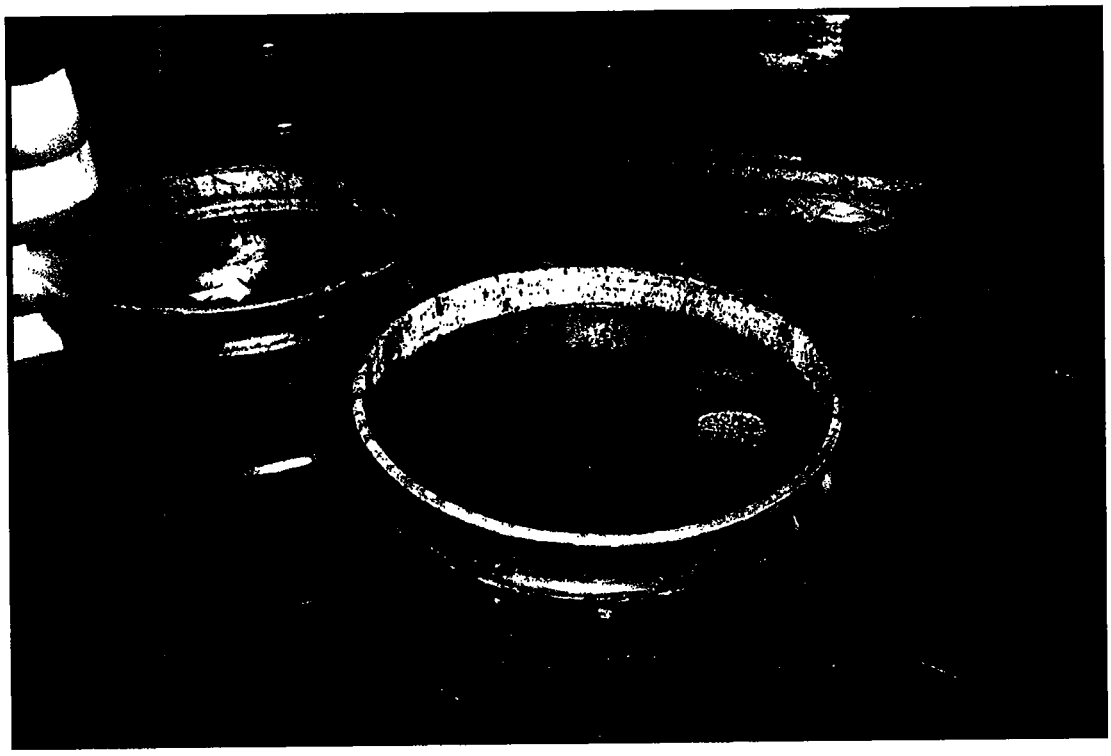
The condition of the trenches prior to cleaning



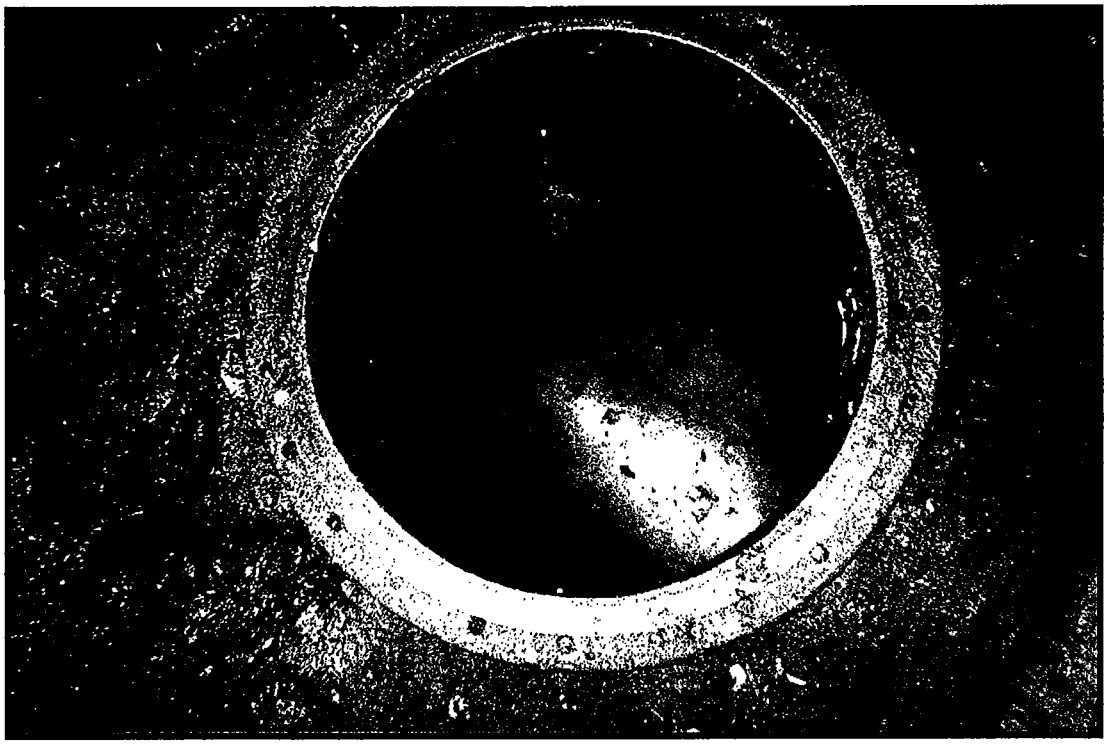
Typical trench seen throughout the site



Storage of 55 gallon drums on site



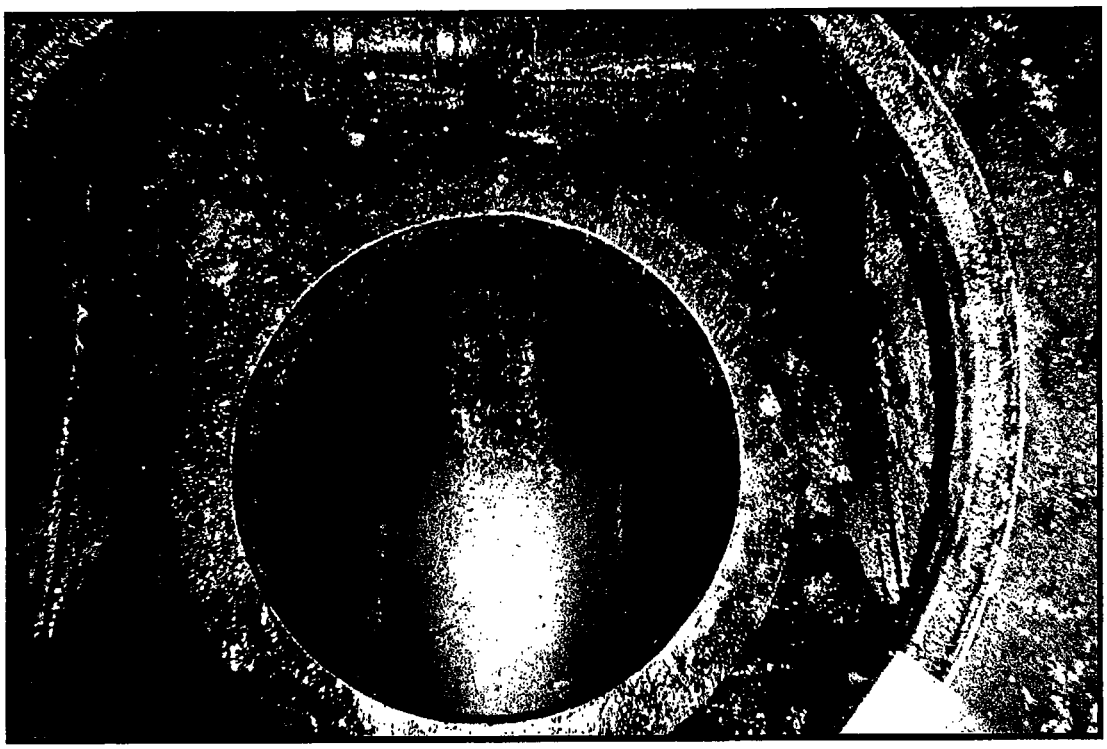
Drums filled with oil from tanks



Tank after cleaning



Tank after cleaning

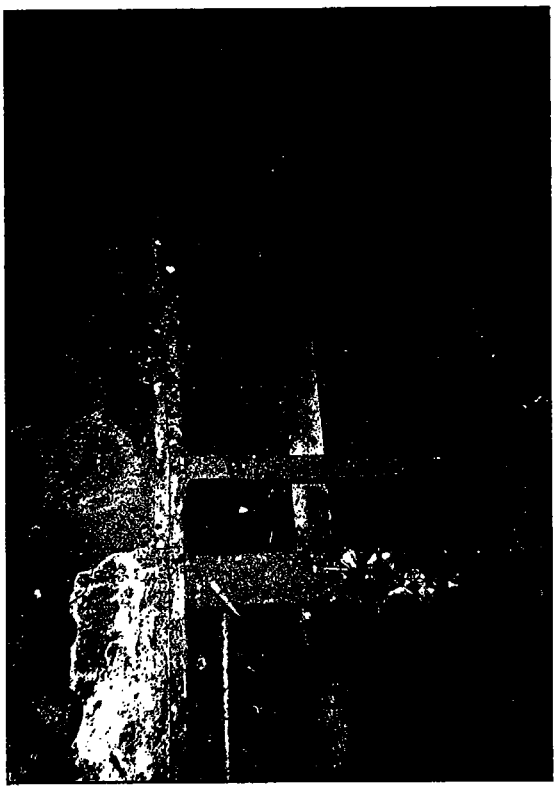


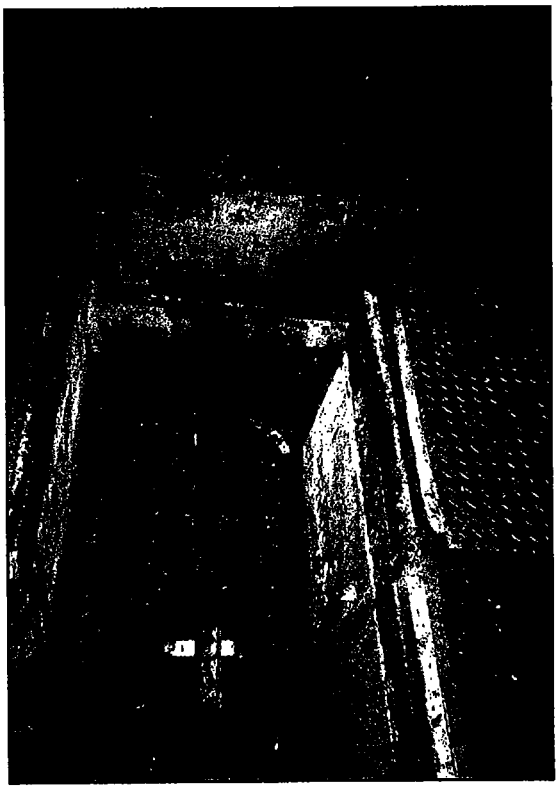
Tank after cleaning



Tank after cleaning

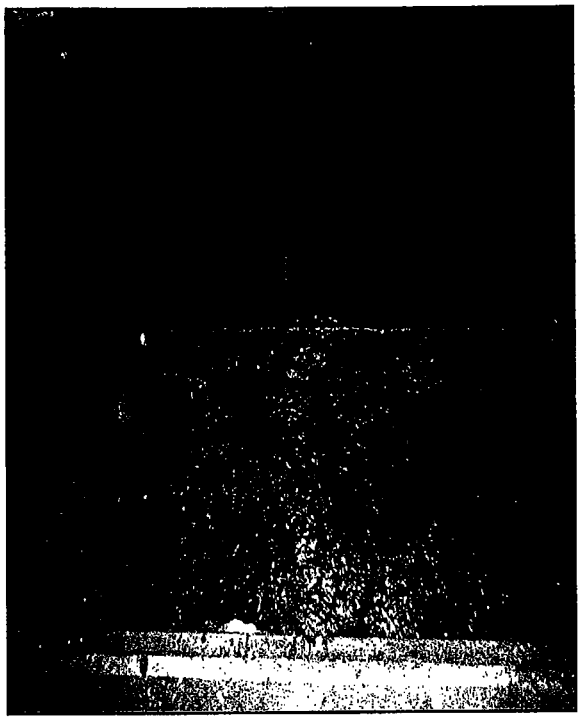


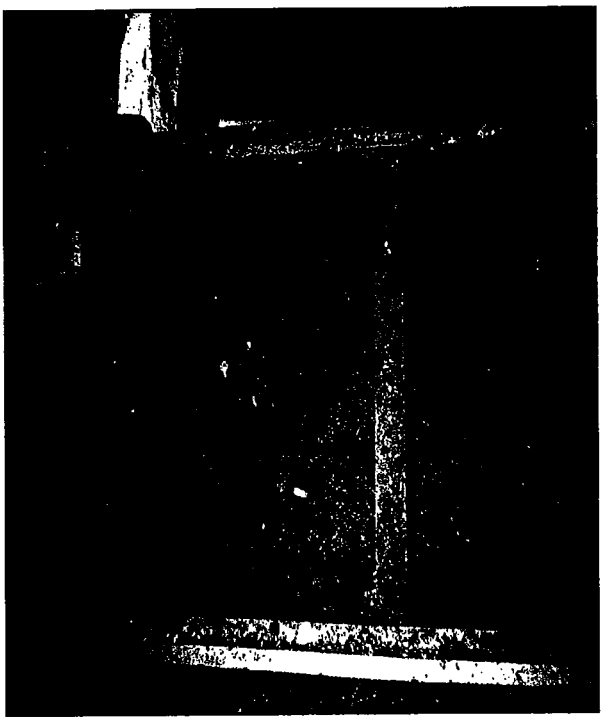




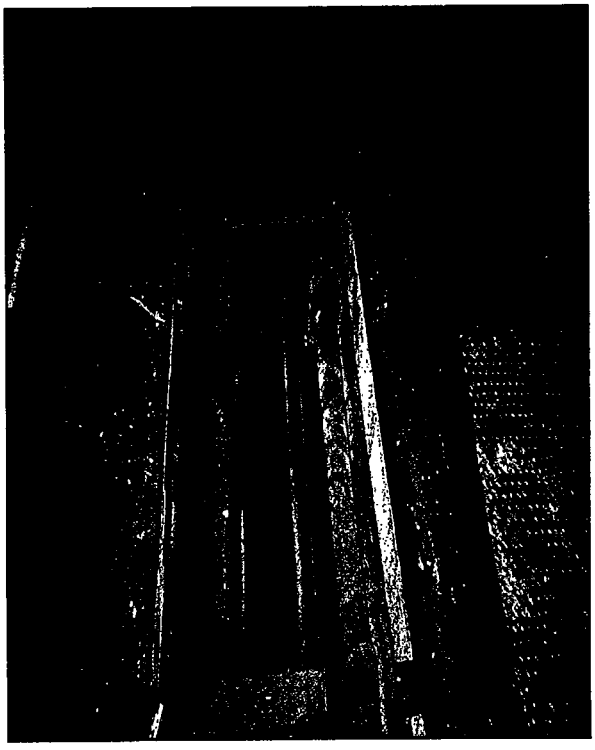


Trenches prior to cleaning

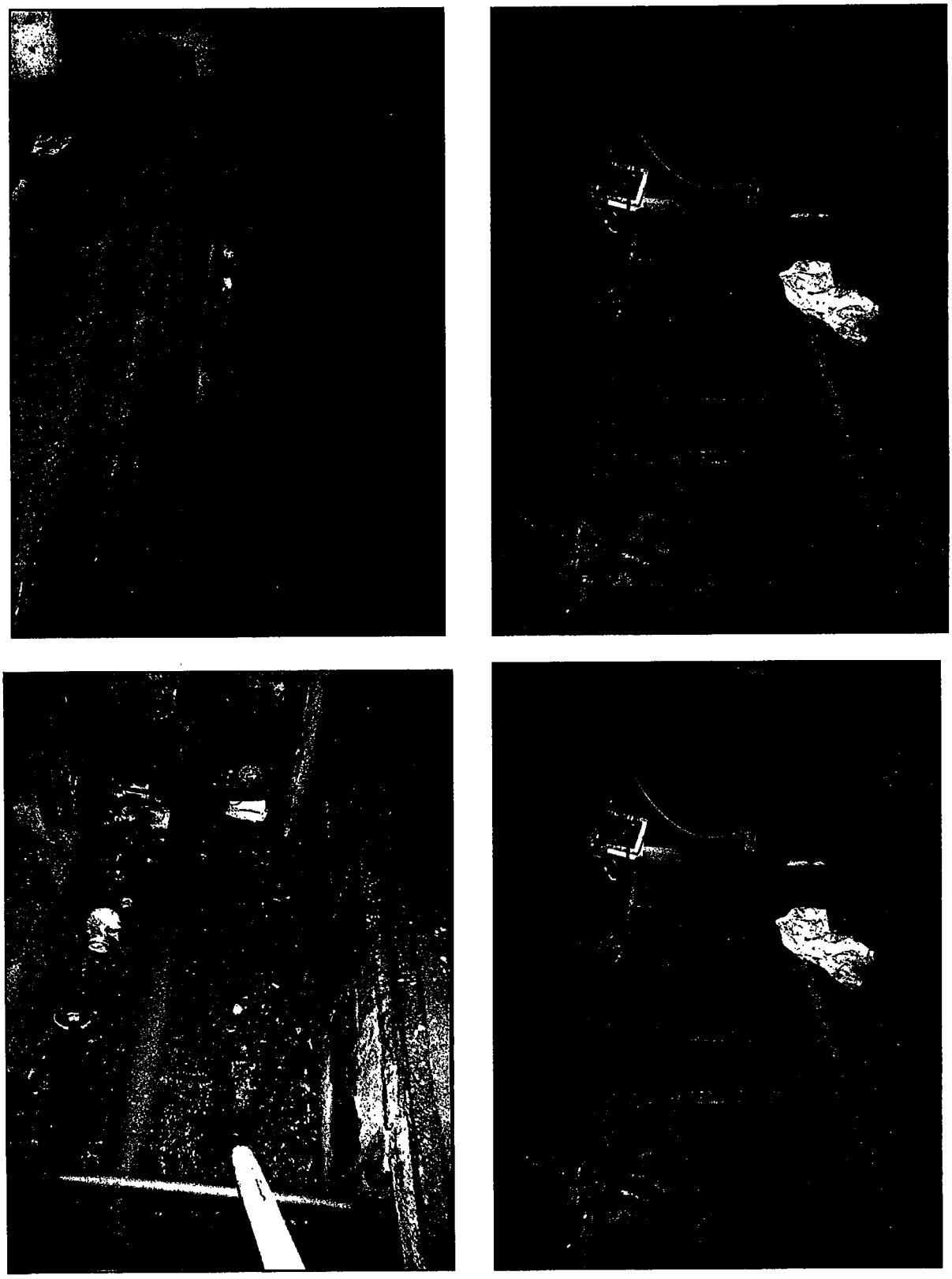




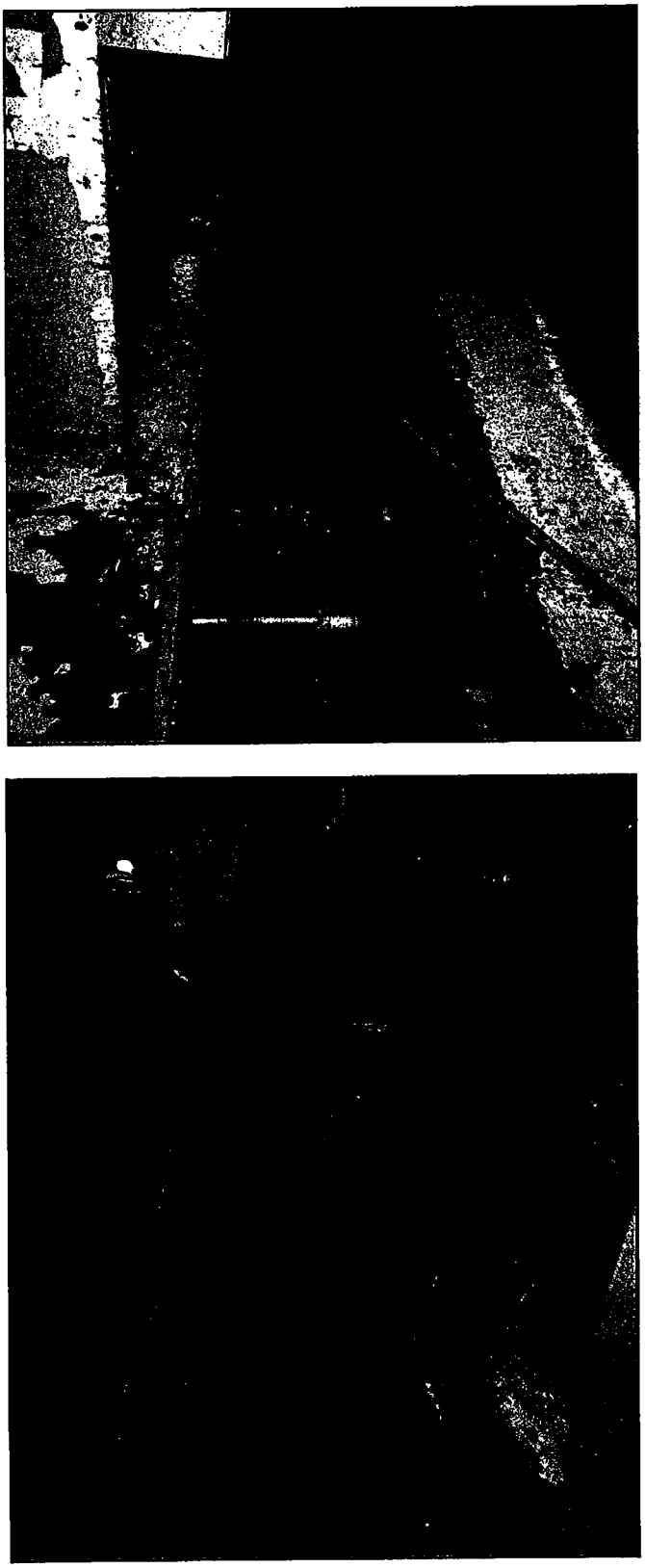




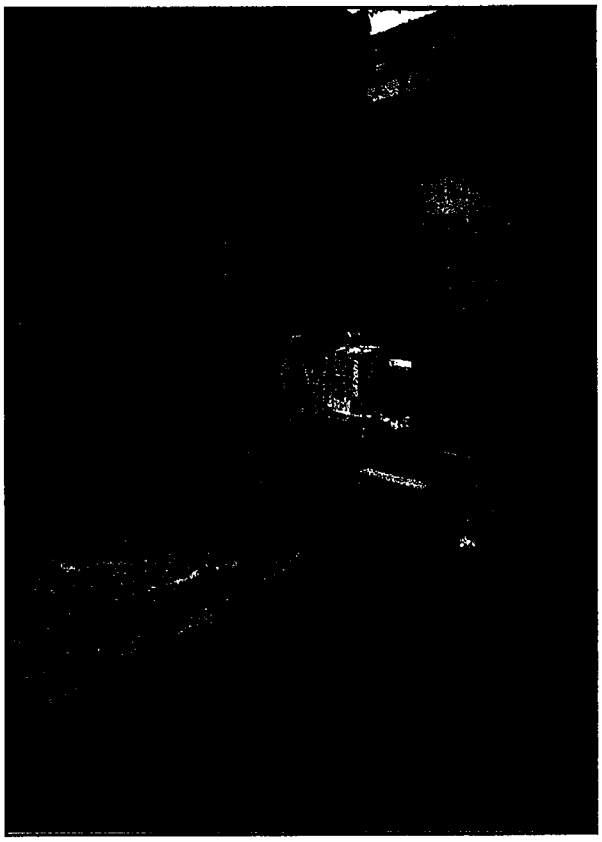
Trenches prior to cleaning

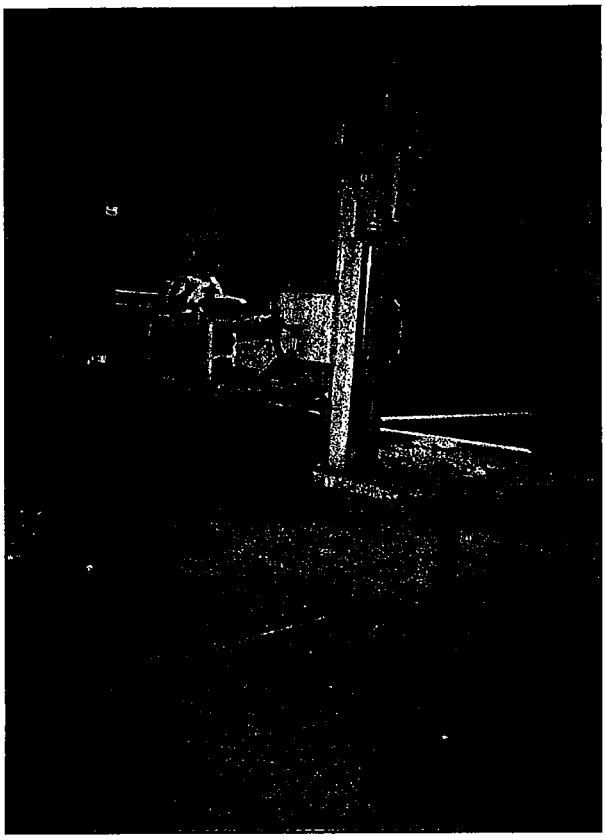


Trenches being scraped, lanced, and washed



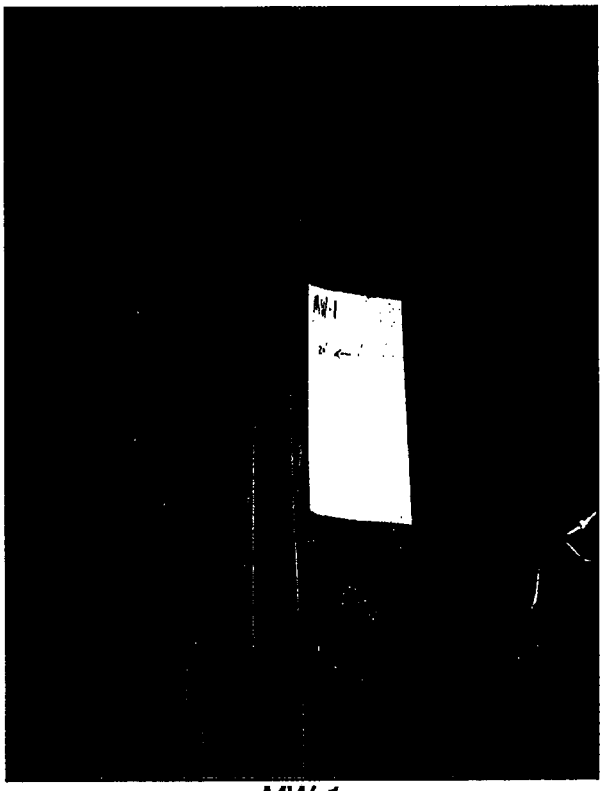
Trenches free of oil products and debris



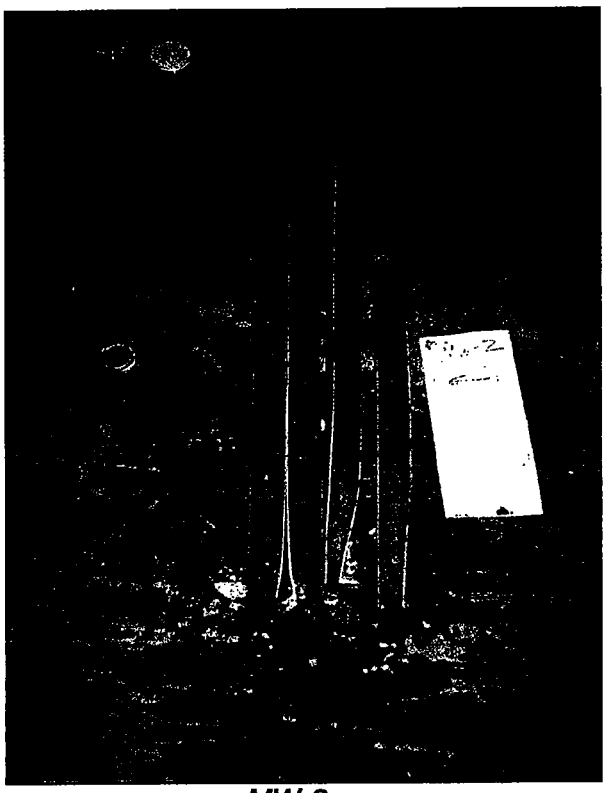




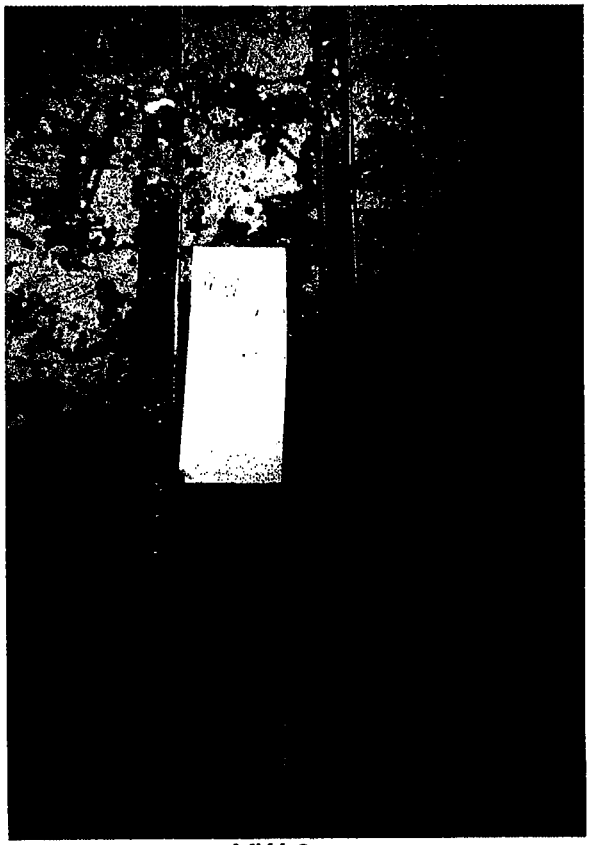
Fenley & Nicol on site with Geo-probe



MW-1



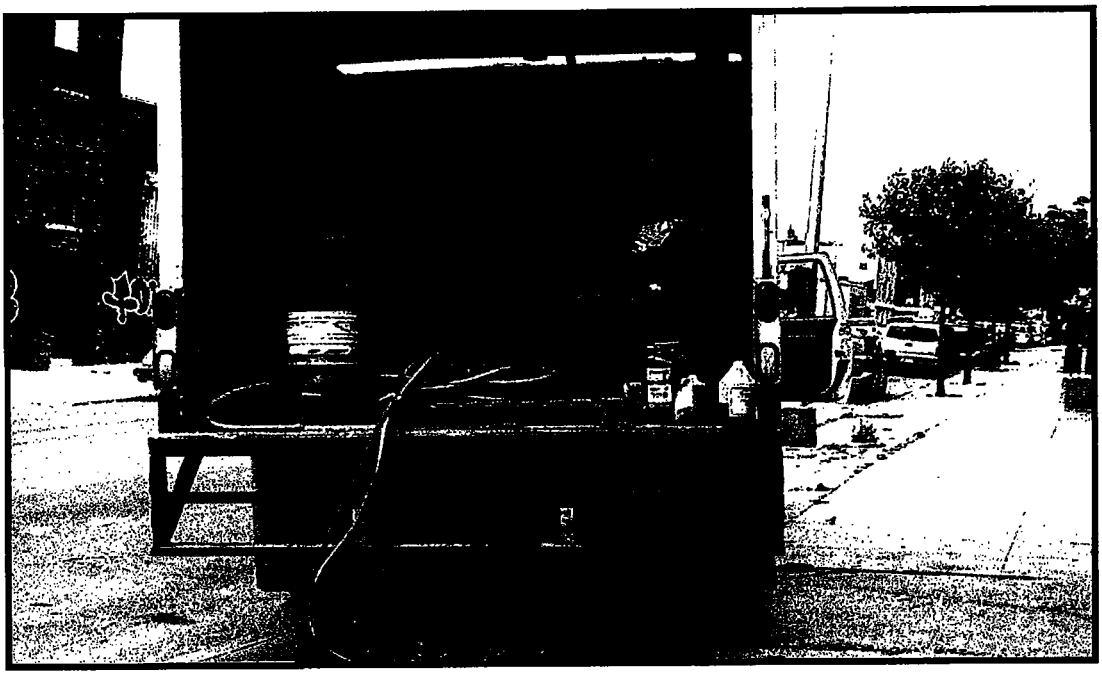
MW-2



MW-3



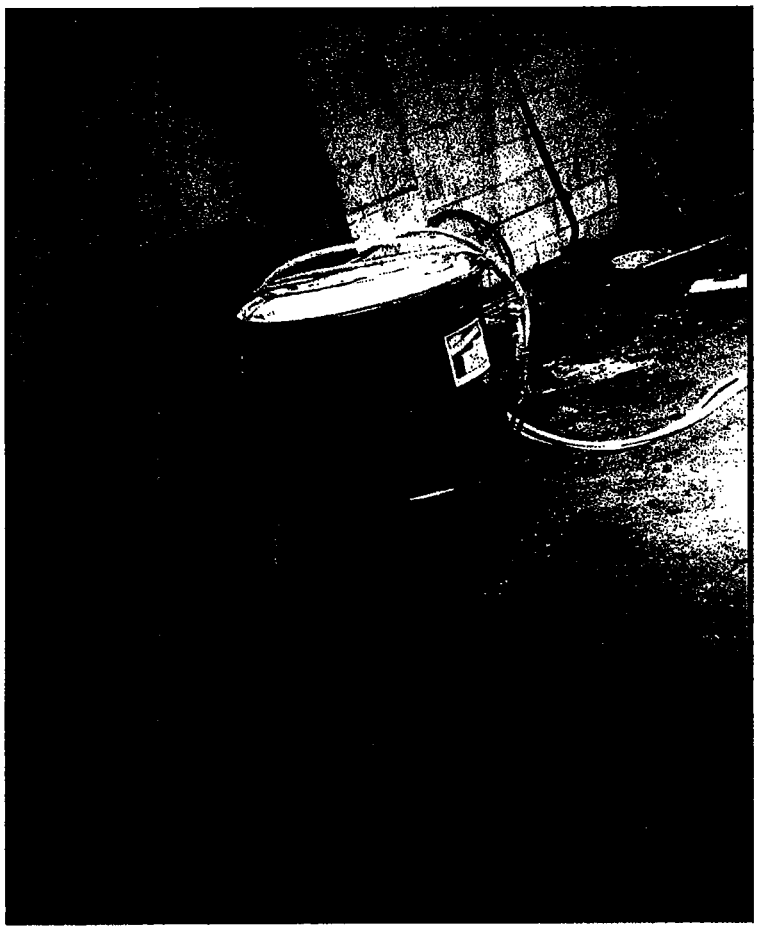
MW-4



Tridon Industries Truck used to mix foam products

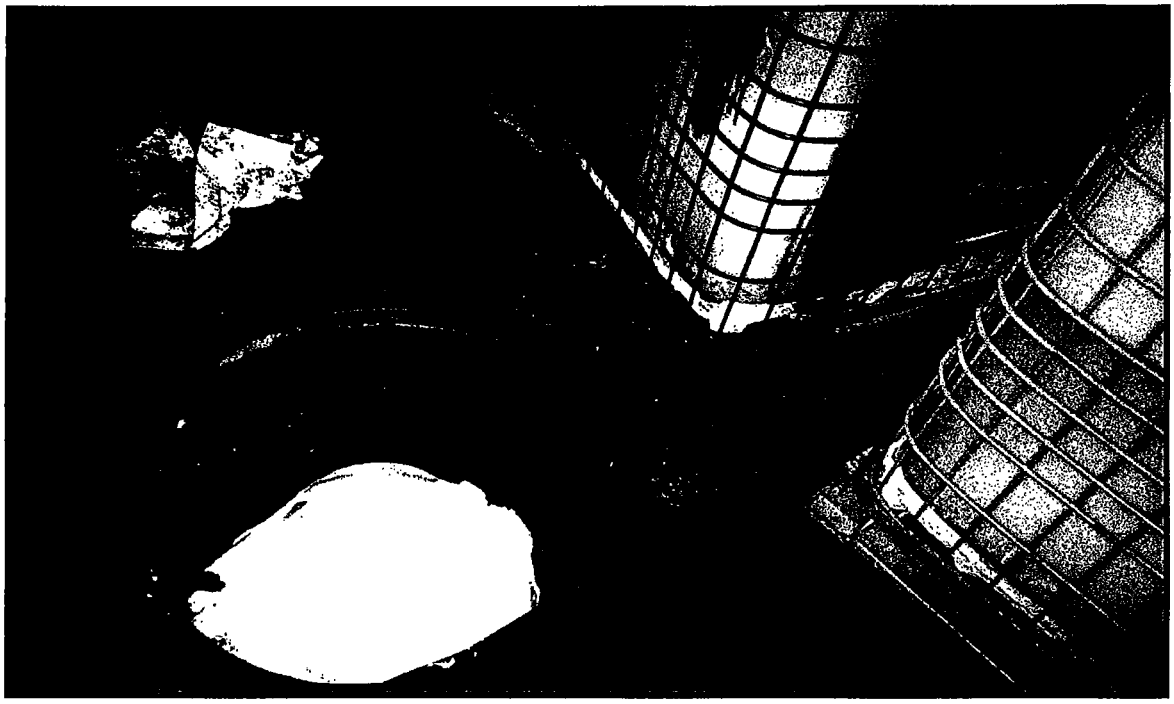


Tank being filled with the foam product

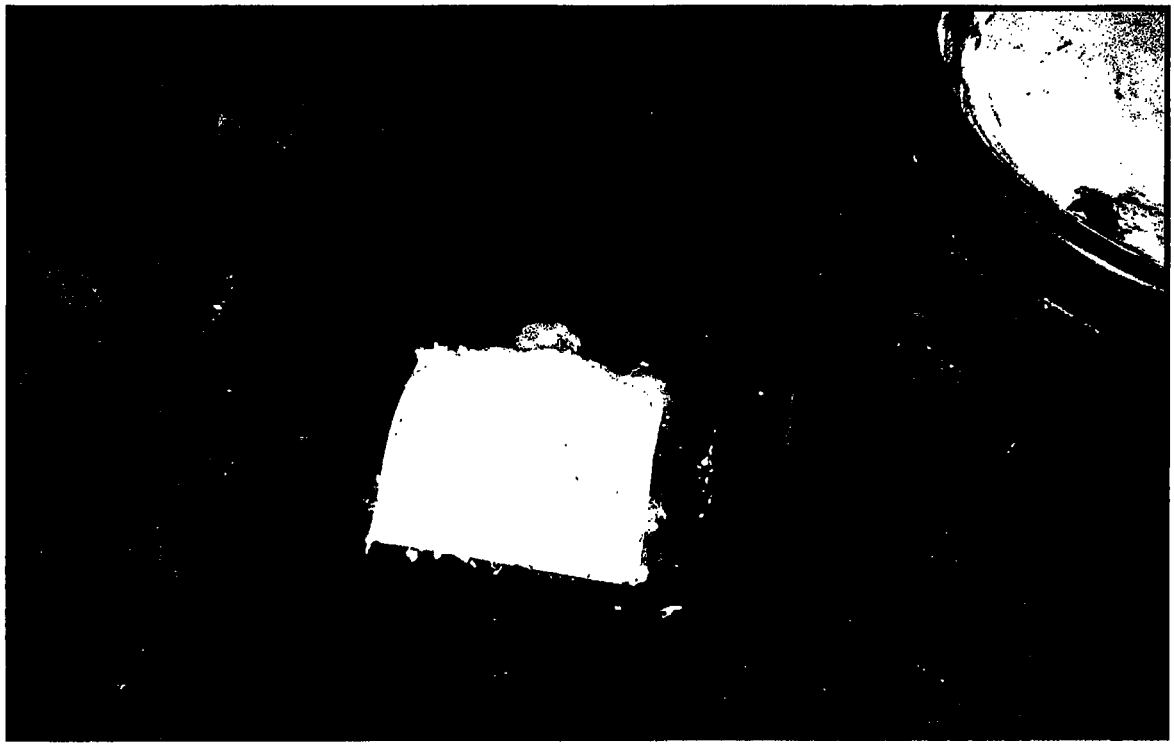




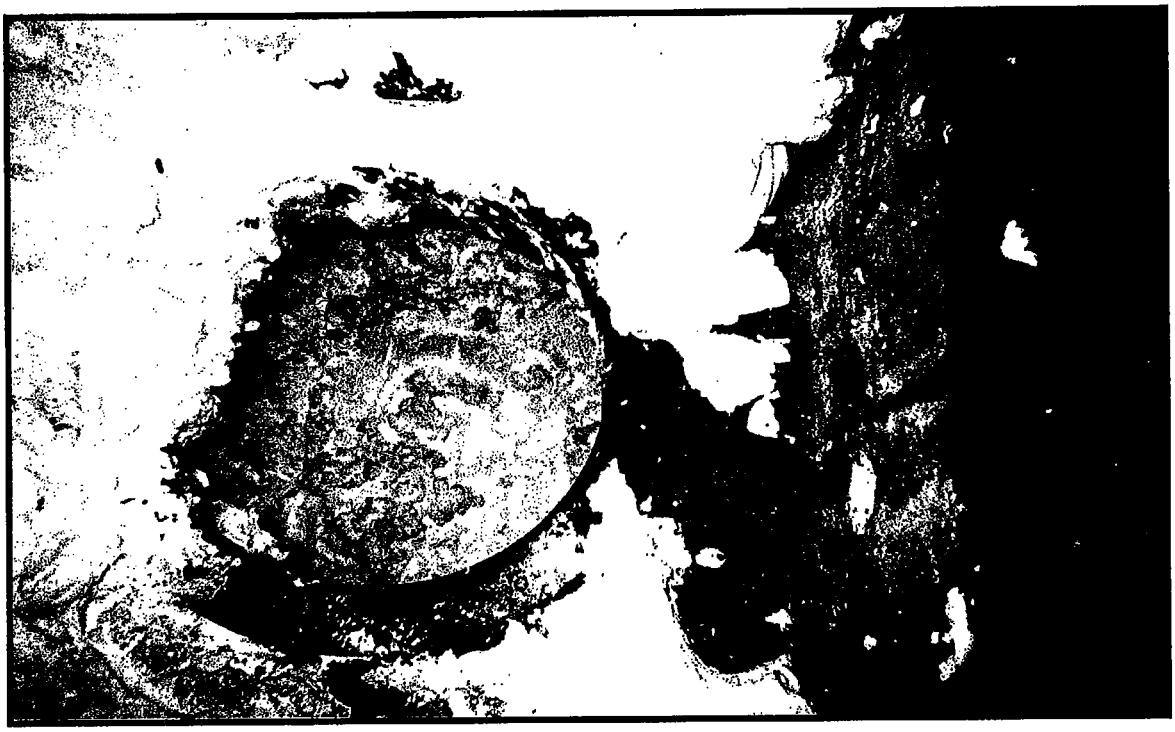
Tridon Industries Foam Application



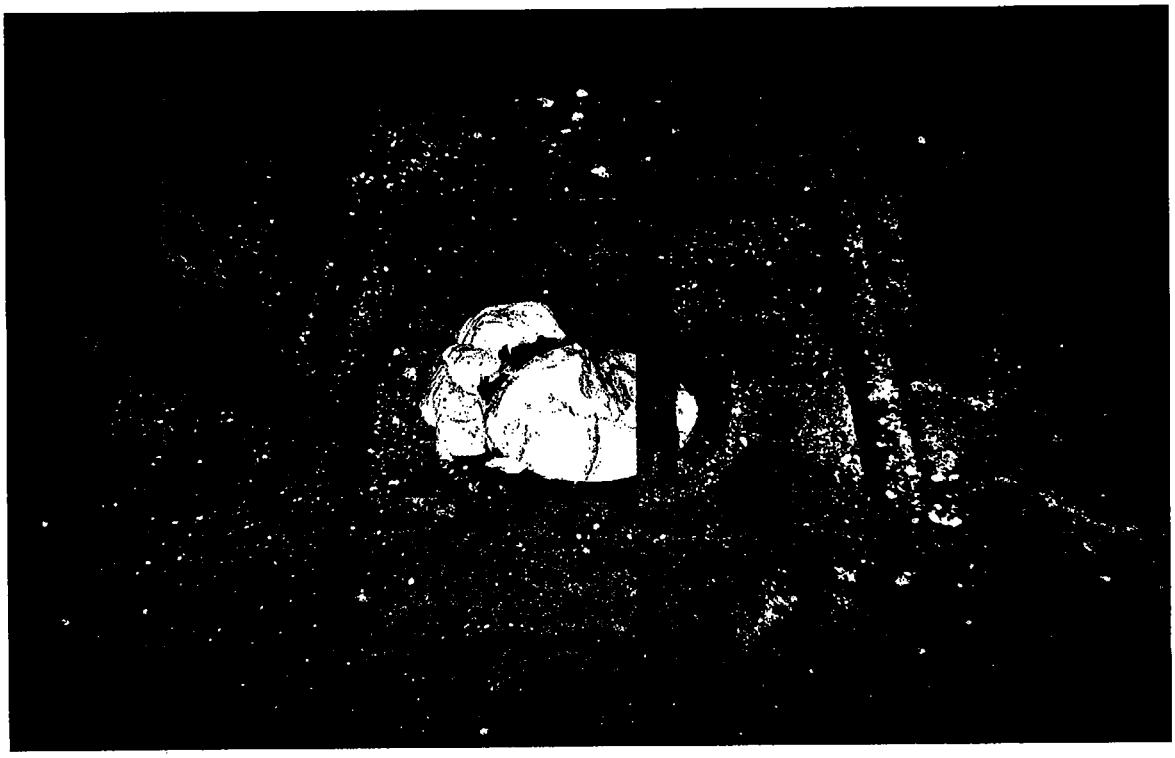
Tank filled with the foam product



Tank filled with the foam product



Tank filled with the foam product



Tank filled with the foam product

Appendix B

Disposal Manifests

FENLEY & NICOL ENVIRONMENTAL INC.
NON-HAZARDOUS / NON-REGULATED WASTE MANIFEST

PLEASE TYPE OR PRINT CLEARLY

JOB # 0609864

DATE 6/21/06

MANIFEST # No. 16970

1. **GENERATOR OF WASTE**

NAME A.S.R.

ADDRESS 45 DUPONT ST

PHONE NUMBER

SITE LOCATION BKLYN N.Y.

2. **IDENTIFICATION OF WASTE**

PROPER U.S. D.O.T. SHIPPING NAME	STATE CODE	CONTAINER TYPE	QTY. GALLONS
FUEL OIL MIXTURE 3 NA1993 PG III	NO18	TT	2810
Spill # (if applicable)	ERG # 128		

3. **GENERATOR'S CLASSIFICATION**

This is to certify that the herein named materials are properly described, classified and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, Environmental Protection Administration and Local State regulations. The wastes are described herein were consigned to the transporter named. The TSD Facility can and will accept the shipment of waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the best of my knowledge.

GENERATOR'S CONTACT SUPERVISOR and/or (Authorized Agent) [signature] please print or type

SUPERVISOR'S SIGNATURE [signature] TITLE

4. **TRANSPORTER NAME AND ADDRESS** (#1) (#2)

(#1)	(#2)
NAME FENLEY & NICOL ENVIRONMENTAL INC.	NAME
ADDRESS 445 BROOK AVENUE, DEER PARK, NY 11729	ADDRESS
PHONE NUMBER 24 Hour Emergency# (516) 586-4900	PHONE NUMBER
DRIVER'S NAME MIKE HACK SIGNATURE [signature]	DRIVER'S NAME SIGNATURE
INDUSTRIAL WASTE HAULER PERMIT # 1A-036 VEHICLE PLATE # 9560-JC	INDUSTRIAL WASTE HAULER PERMIT # VEHICLE PLATE #

5. **DISPOSAL SITE** (Must be filled in by disposal site)

NAME OF FACILITY

ADDRESS OF FACILITY

PHONE NUMBER

This load was received as stated by generator YES ☐ NO ☐

DISPOSAL SITE IDENTIFICATION NUMBER (if applicable)

DISPOSAL SITE INSPECTOR NAME

SIGNATURE DATE

GENERATOR White TRANSPORTER Yellow DISPOSAL Pink ORANGE Fi

FENLEY & NICOL ENVIRONMENTAL INC.
NON-HAZARDOUS / NON-REGULATED WASTE MANIFEST

PLEASE TYPE OR PRINT CLEARLY

JOB # _____

DATE 8/28/06 MANIFEST # No. 17093

1. **GENERATOR OF WASTE**

NAME ASR.

ADDRESS 95 DUPONT ST

PHONE NUMBER _____

SITE LOCATION BKLYN NY.

2. **IDENTIFICATION OF WASTE**

PROPER U.S. D.O.T. SHIPPING NAME	STATE CODE	CONTAINER TYPE	QTY. GALLONS
FUEL OIL MIXTURE 3 NA1993 PGIII	NOIS	TT	1737
Spill # (if applicable)	ERG # 128		

3. **GENERATOR'S CLASSIFICATION**

This is to certify that the herein named materials are properly described, classified and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, Environmental Protection Administration and Local State regulations. The wastes are described herein were consigned to the transporter named. The TSD Facility can and will accept the shipment of waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the best of my knowledge.

GENERATOR'S CONTACT SUPERVISOR and/or (Authorized Agent) Anthony Adesso please print or type

SUPERVISOR'S SIGNATURE Anthony Adesso TITLE _____

4. **TRANSPORTER NAME AND ADDRESS** (#1) (#2)

NAME FENLEY & NICOL ENVIRONMENTAL INC.

ADDRESS 445 BROOK AVENUE, DEER PARK, NY 11729

PHONE NUMBER 24 Hour Emergency# (516) 586-4900

DRIVER'S NAME MIKE HALL SIGNATURE _____

INDUSTRIAL WASTE HAULER PERMIT # 1A-036 VEHICLE PLATE # 95160-JC

NAME _____

ADDRESS _____

PHONE NUMBER _____

DRIVER'S NAME _____ SIGNATURE _____

INDUSTRIAL WASTE HAULER PERMIT # _____ VEHICLE PLATE # _____

5. **DISPOSAL SITE** (Must be filled in by disposal site)

NAME OF FACILITY _____

ADDRESS OF FACILITY _____

PHONE NUMBER _____

This load was received as stated by generator YES ☐ NO ☐

DISPOSAL SITE IDENTIFICATION NUMBER (if applicable) _____

DISPOSAL SITE INSPECTOR NAME _____

SIGNATURE _____ DATE _____

GENERATOR-White **TRANSPORTER-Yellow** **DISPOSAL-Pink** **ORANGE-File**

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: Exempt
Manifest Document No.:
2. Page 1 of 1

3. Generator's Name and Mailing Address: Harta + Company, 4950 Dupont St, Brooklyn NY
4. Generator's Phone ( )

2 tanks (Bottoms)
1 1/2 plastic Containers

5. Transporter 1 Company Name: Milio Associates
6. US EPA ID Number: NYD 084 743 263
A. Transporter's Phone: 516-379-1500

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address: WY Oil Recovery, 94 Hawkins St, Brooklyn NY
10. US EPA ID Number: Exempt
C. Facility's Phone:

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. waste oil + sludges	001	TT	00400	G
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:
E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: X E. VAZQUEZ
Signature: X E. Vazquez
Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible]
Signature: [illegible]
Month Day Year: 6 29 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

19. Discrepancy Indication Space:

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: N.Y. Oil Recovery
Signature: [illegible]
Month Day Year: 6 29 06

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: Exempt
Manifest Document No.:
2. Page 1 of 1

3. Generator's Name and Mailing Address: Harte + Co. Dupont Ave Brooklyn, NY
a) Tank #17
b) same tank as last time

4. Generator's Phone ( )

5. Transporter 1 Company Name: Milro Associates
6. US EPA ID Number: NY.D.064743263
A. Transporter's Phone: 516-379-1500

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transportor's Phone:

9. Designated Facility Name and Site Address: NY Oil Recovery 94 Hewsman St Brooklyn, NY
10. US EPA ID Number: Exempt
C. Facility's Phone:

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. waste oil	00.1	TT	00300	G
b. waste oil + water emulsions	00.1	TT	00200	G
c.				
d.				

D. Additional Descriptions for Materials Listed Above:

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: E. VAZQUEZ
Signature: E. Vazquez
Month 7 Day 12 Year 06

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Todd Murray
Signature: Todd Murray
Month 7 Day 12 Year 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

19. Discrepancy Indication Space:

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: NY Oil Recovery
Signature: [signature]
Month 07 Day 12 Year 06

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL RETURN TO GENERATOR

Appendix C

Laboratory Analyticals

ADVANCED SITE RESTORATION, LLC
ENVIRONMENTAL SERVICES

Phase II Site Assessment

49-55 Dupont Street, Brooklyn, New York 11222

NYSDEC SPILL # 06-01852



Prepared on Behalf of:
49 Dupont Realty Corporation

Prepared By:
Advanced Site Restoration, LLC

March 2007

Christopher P. Tomasello, I.H.
Project Professional

Steven Muller, CEC
Project Manager

"One Call Does it All" - Ask ASR Toll-Free at 1•866.9ASKASR
62 WILLIAM STREET • 3RD FLOOR • NEW YORK • NEW YORK 10005
TEL: 212•809•1110 FAX: 212•809•1779
www.askasr.com

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1.0 SCOPE OF PROJECT

This Phase II Site Investigation Report documents the results of the subsurface soil and groundwater investigation at the subject site. This investigation was conducted by Advanced Site Restoration, LLC (ASR), on behalf of 49 Dupont Realty Corporation. All work is in accordance with New York State Department of Environmental Conservation (NYSDEC), Spill Prevention Operations Technology Series (SPOTS) Memo #14, Site Assessments at Bulk Storage Facilities (August 1994). The scope of this investigation includes the following:

- The review of the New York State regulatory agency records for the site and the immediate surrounding area.
- An investigation into the possible sources of off site contamination.
- The collection of soil samples from inside the building at the subject site and off site, directly adjacent to the building.
- The documentation of soil characteristics and conditions.
- The advancement of groundwater monitoring wells both inside the building at the subject site and off site, directly adjacent to the building.
- The collection of groundwater samples from inside the building at the subject site and off site, directly adjacent to the building. .
- A survey of the area in and around the subject site.
- The construction of a Groundwater Gradient Map.
- The construction of both groundwater and soil Contaminant Plume Maps.
- A summary of the analytical findings respective to the NYSDEC TAGM 4046, Allowable Soil Concentrations and Groundwater Quality Standards.
- Develop recommendations based on the findings of this investigation.

2.0 GENERAL SITE INFORMATION

Site Description: The subject site is legally identified as New York City Tax Block 2487, Tax Lots 1, 10, 12, 17, 18, 20, 21, 57, 72, and 78. The current owner since 1983 is the 49 Dupont Realty Corporation.

The subject site is a former manufacturing facility. The New York City Department of Finance Occupancy Code is "F-9, Factory Industrial." According to the Sanborn Map Report from Environmental Data Resources, Inc. (EDR), industrial activity at the subject site dates as far back as 1887.

Historic use of the site has included manufacturing, office, storage, shipping and receiving. More recently, the site had been used as a plastic manufacturing facility since approximately 1950. According to *FPM Group* who completed a Phase I Site Assessment, dated April 2005 for the subject site, reported that commercial uses prior to 1950 included a boiler shop for Logan Ironworks, two stable buildings, a gas and light fixture factory, a sheet metal works, a soap manufacturer, a water proofing manufacturer, and a scrap metal facility.

The North American Industry Classification System (NAICS) listing for the subject site is "Plastic Fitting and Plastic Manufacturing". The factory at the subject site was most recently used to manufacture vinyl sheeting. It had been used as such a facility for the greater part of the 20th Century. As of 2004, the factory ended its manufacturing operations.

According to the United States Geological Survey (USGS) Brooklyn, New York 7.5 Minute Series Topographical Map (1995), the Site is situated at an approximate elevation of 13 feet above mean sea level. The location of the Site is shown on the Site Location Map, Figure 1, Appendix A.

In September of 2004, a visual reconnaissance of the site was performed by *RTP Environmental Associates* (RTP). Materials potentially containing asbestos were reported throughout the site. Four (4) silos used to store raw materials were observed on the west side of the property. RTP also reported a drum storage area with drums containing petroleum products. Plasticizers were also found in several areas of the subject site in drums and in concrete lined piping trenches. The on–site contamination, including that of plasticizers has been fully delineated in preparation for environmental remediation.

The environmental work currently being performed by ASR began in May 2006. To address the underground storage tanks (USTs), ASR collected samples from inside each UST. The seventeen (17) USTs were cleaned, rinsed and filled with foam to close them in place in accordance with all NYSDEC regulations. In July of 2006, the tanks were properly registered with the submittal of an updated Petroleum Bulk Storage and Chemical Bulk Storage application to the NYSDEC. Upon completion of the UST decommissioning, ASR prepared and submitted to the NYSDEC a Tank Closure Report dated July, 2006. ASR continued the subsurface investigation activities with the collection of soil and groundwater samples and the installation of a monitoring well network to fully delineate the identified soil and groundwater contamination (see Section 6.0). During future development of a comprehensive remedial plan, ASR has installed and currently maintains an Interim Remedial Measure (IRM) which consists of recovering free phase product (plasticizer) by pumping from two (2) locations. In addition, daily hand bailing is currently being performed. (see Section 9.0)

Surrounding Land Use: The surrounding use of the site is a mix of commercial, residential, and manufacturing. There are a number of mixed use lots with both residential and manufacturing. To the north of the site is a warehouse and a hardware store beyond which is an automotive lot (Figure 2-Aerial Photograph, Appendix A). To the east down Clay Street and Dupont Street are several multi-family residential units. To the south across Dupont Street there are apartments and more residential units. To the west is a small city park.

Sensitive Receptor Survey: A limited sensitive receptor survey was performed to identify any potential sensitive receptors in the vicinity of the subject site. No potable water wells were identified on or in the immediate vicinity of the subject site. The nearest surface water body is New Town Creek, which outflows into the East River located approximately 600 feet northwest of the subject site. As mentioned in the Surrounding Land Use Section, there are residential units to the east and the south of the subject site. Major utilities including water, sanitary, electric and natural gas have also been identified under the streets of Franklyn, Clay, and Commercial.

3.0 REGIONAL GEOLOGY/HYDROGEOLOGY

The subject site is located in Brooklyn, New York. The elevation of the site, as presented on the United States Geologic Survey (USGS), Brooklyn Quadrangle Map (1995), is approximately 13 feet above sea level (Figure – 1, Appendix A). The subject site lies within an area classified as Urban Land. This soil type consists of urbanized areas where the majority of surface is covered with buildings, roads, driveways, parking lots, and other manmade structures.

Based on our measurements, the groundwater table is located between 10 ft and 12 ft below grade surface (bgs). This is consistent with a USGS Survey of Water Table Elevation map available to ASR. A northwesterly groundwater flow direction was determined by ASR from a survey of monitoring wells installed on and off site. This groundwater flow direction is supported location and proximity to New Town Creek and the East River, (Figure 6 - Groundwater Gradient Map, Appendix A).

4.0 PREVIOUS INVESTIGATIONS/HISTORICAL REVIEW

The subject site is classified as a Small Quantity, RCRA Hazardous Waste Generator.

RTP Environmental Associates, Inc. of Westbury, New York, conducted a Preliminary Phase I Site Assessment in September, 2004. The report identified the following areas of concern (AOC):

- Identify environmental concerns regarding the 10,000 gallon USTs
- Test the integrity of certain tanks
- Clean the inside of the building
- Get the building up to code with NYC Building Dept.
- Perform additional environmental investigations
- Identify the means of demolition and waste disposal

RTP reports that the main areas of "potential environmental concern" within the property are the USTs and the piping/vent lines associated with them.

In addition to the aforementioned report, FPM Group of Ronkonkoma, New York, conducted a Phase I Environmental Site Assessment in April 2005. This report was much more detailed than the RTP report. FPM Group identified several AOCs. They include:

- UST's, both known and suspected
- Oil-Water Separator
- Sub grade pipe chaseways (trenches)
- Loading Dock Drain
- Drum Storage Area
- Printing Press Pits

- Asbestos
- Silos
- Freight Elevator
- Oil Stained Walls
- Groundwater and soil gas (site wide)

5.0 PLASTICIZER IDENTIFICATION

During the manufacturing process to produce various plastic and vinyl products the subject site stored a group of chemicals commonly referred to as plasticizers. These plasticizers include:

Bis(2-ethylhexyl)terephthalate	(Eastman DOTP)
Bis(2-ethylhexyl)adipate	(Eastman DOA)
Phathalate mix	(DINP Plasticizer)
Palatinol 711P phthalate	(BASF 711P)

The listed plasticizers were stored in several large (up to 10,000 gallon) USTs and used depending on the final product. Storage of hecla oil (machine lubricant), fuel oil and acetone was also identified in various USTs. During the subsurface investigation activities for UST closure, plasticizer as a free light non aqueous liquid (LNAPL) was identified in several groundwater monitoring wells.

Between May and December 2006, ASR installed a monitoring well network consisting of 17 groundwater monitoring wells (2 inch diameter) and ten (10) product recovery wells (4 inch diameter). This monitoring well network delineated the vertical and horizontal extent of the LNAPL (Figure - 8, Appendix – A).
In an effort to identify the nature and source of the LNAPL, the above list of plasticizers were supplied to a laboratory and used as a reference to fingerprint match the LNAPL in monitoring wells MW-4 through MW-7, RW-2, RW-3, and RW-5. The results were inconclusive since multiple plasticizers were identified in the same monitoring wells and the references themselves consisted of blends of other compounds including phthalates.

After the delineation of the LNAPL, ASR installed a series of ten (10) strategically located product recovery wells as part of an interim remedial measure (IRM). This IRM was developed and implemented to begin the process of removing LNAPL from the groundwater table. This action is currently ongoing and has successfully recovered over 2,300 gallons of LNAPL plasticizer as of March 27, 2007. The IRM currently consists of two (2) product only pumps and daily hand bailing from all wells containing LNAPL.

5.1 Fuel Oil

In addition to plasticizer LNAPL, fuel oil has also been identified as a LNAPL in a confined area in close proximity to the underground fuel oil tank. Monitoring wells MW-1 in the building and MW-9 in the sidewalk adjacent to the fuel oil UST contain LNAPL. The thickness of product in the wells can not be accurately determined due to the high

viscosity of the product. Based on observations made on-site, LNAPL thickness in the monitoring wells appears to be less than one (1) inch. A four (4) inch diameter recovery well (RW-7) was installed adjacent to the fuel oil UST as part of the IRM.

6.0 SUBSURFACE SOIL DELINIATION

Given the size of the subject property, an extensive sampling protocol was developed. ASR staff designed a sampling network that was biased to the locations of the UST's (Borehole & Well Location Map, Figure - 2, Appendix A)

Between May 3, 2006 and July 24, 2006 ASR conducted 41 soil borings through the subject site. The sampling was conducted using a geoprobe direct push sampling rig, collecting discrete soil samples from grade to the groundwater table. At least one (1) sample from each borehole was submitted to a state certified laboratory for analysis of VOCs and SVOCs by EPA Method 8260 Stars and EPA Method 8270 Stars respectively. Several borehole locations were also sampled for pesticides by EPA Method 8081, PCBs by EPA Method 8082, and total RCRA Metals.

The results indicated detectable concentrations of VOCs in the soil samples from nine (9) of the 41 borehole locations, and detectable SVOCs (including plasticizers) in the soil samples from 30 of the 41 locations. Of the 30 samples containing detectable levels of SVOCs, 21 contained only plasticizers. The extent of soil contamination above NYSDEC guidance values was used to develop a Soil Impact Map indicating the delineated extent of the soil contamination by phthalates.

Mercury was detected in one (1) sample collected from soil boring SB-4 on May 2, 2006. Subsequently, the NYSDEC requested that the horizontal and vertical extent of the mercury identified in SB-4 be fully delineated. On December 7, 2006, ASR returned to this location and collected soil samples from the same location and depth as SB-4, five (5) feet north and 5 ft south. The samples were delivered to a state certified laboratory and analyzed for mercury only. The results indicated no detection of mercury in any of the samples collected, including the sample collected from the same location as SB-4.

The soil sample analytical results are summarized in the tables following Section 11.0.

7.0 GROUNDWATER MONITORING WELL INSTALLATIONS

To obtain additional information about the nature of the contaminant, assist in delineating the extent and provide a means to collected groundwater samples, ASR installed a monitoring well network. This network consists of 16 groundwater monitoring wells, four (4) of which are located inside the building. The monitoring wells were installed between May and December, 2006. Photographs of the well installations are attached in Appendix B. In general the well construction consists of 10 feet of 2 inch diameter well screen intersecting the groundwater table with soil riser pipe to the surface. Monitoring wells installed in the building were left stubbed up two feet above grade, and the wells installed in the sidewalks were completed below grade and

covered with a small bolt down manhole cover. Boring logs detailing the subsurface soil classifications and well construction are attached as Appendix – C.

8.0 GROUNDWATER SAMPLING ACTIVITIES and RESULTS

Shortly after the installation of each groundwater monitoring well, ASR returned to the site and gauged the well for depth to water and/or the detection of LNAPL using a sonic product interface probe. Of the 16 groundwater monitoring wells installed by ASR, six (6) contained various thickness of LNAPLs. Due to the presence of floating product, groundwater samples were not obtained from MW-1, MW-4 through MW-7, and MW-9. Groundwater samples from the remaining monitoring wells were collected and delivered to a state certified laboratory for analysis of VOCs and SVOCs by EPA Method 8260 Stars and EPA Method 8270 Stars respectively.

The groundwater sampling results indicated detectable concentrations of VOCs in the groundwater at three (3) of the ten (10) monitoring wells sampled, and detectable SVOCs (including plasticizers) in the groundwater samples from seven (7) of the ten (10) locations. The extent of groundwater contamination above NYSDEC guidance values developed a VOC Plume Map indicating the delineated extent of the soil contamination by phthalates.

No detection of VOCs or SVOCs above NSDEC guidance values were detected in the groundwater monitoring wells located across the adjacent streets.

The groundwater sample analytical results are summarized in the tables following Section 11.0.

9.0 INTERIM REMEDIAL MEASURE

During the field and data collection activities to develop the Phase II environmental site assessment, it was determined that the thickness and extent of the LNAPL identified on the subject site was sufficient enough to design and implement an interim remedial measure. Between October and December, 2006 ASR installed a total of ten (10) four (4) inch diameter product recovery wells. In November, 2006 two (2) recovery wells (RW-3 and RW-10) were retrofitted to maintain pumping units supplied by Spillbuster, Inc. The pumps use an auto seeking computer controlled mechanism to identify the product and groundwater interface. The pumps are designed to maintain less than one (1) inch of product in the well creating a cone-of-depression. Groundwater is not pumped by this system. The recovered product is pumped into 400 gallon capacity totes provided by the site. In addition to pumping, hand bailing of product is performed at the additional recovery wells and any monitoring wells which contain LNAPL. To date over 2,300 gallons of product has been recovered from the site. This IRM is anticipated to continue for product recovery.

10.0 GENERATED WASTE DISPOSAL

During the field activities of the Phase II investigation, drill cuttings were generated. Specifically, the soil cuttings from the installation of groundwater monitoring wells and product recovery wells. A total of three (3) drums of soil were generated. Due to the concentration of Phthalate in the soil cuttings the drums were classified as Hazardous Soils for transportation and disposal to a certified disposal facility. In addition to the soil cuttings several drums of soil and liquid were generated during the UST closure activities. These drum were also properly classified, transported and disposed of at a certified disposal facility. Manifests and Bills of Lading are attached as Appendix – E.

11.0 SUMMARY

Free Floating Product
Under the west side of the building extending into the sidewalk of Franklyn and Clay Streets is a plume of free floating phthalate. This product plume has been delineated and does not extend beyond Franklyn, Clay or Commercial Streets. The plume appears to be stable; this is expected with the decommissioning of all USTs. An IRM has been designed, installed and maintained since November, 2006 and has recovered to date over 2,300 gallons of product.

Soil Sample Results
In the west side of the building at the subject site, several phthalates (plasticizers) were detected at levels above and below the NYSDEC, "Allowable Soil Concentrations." These two phthalates, Bis(2-ethylhexyl)phthalate and Di-n-octylphthalate (believed to be DOTP and DINP respectfully), were detected in several soil boring samples taken from the western portion of the building. In addition, phthalates were detected in the soil below the sidewalk adjacent to the west side of the property. The two phthalates were also detected in the soil under the sidewalk adjacent to the north side of the building (Soil Plume Map, Appendix A).

The analysis of a series of samples collected from the west side of the building indicated the presence of several SVOCs both above and below the NYSDEC, "Allowable Soil Concentrations." This plume was found to be down groundwater gradient of hecla oil USTs. Lower levels of several SVOCs were also detected in the northeast portion of the property in the area of the Fuel Oil USTs.

Overall, VOCs were detected in a total of nine (9) soil borings, with the total VOCs ranging from 17 ppb to 40,500 ppb. The higher levels of VOCs were detected near the hecla oil tanks and #2 fuel oil tanks.

Groundwater Samples Results Summary
The phthalates detected inside the building, Bis(2-ethylhexyl)phthalate and Di-n-octylphthalate, were also detected in the groundwater inside the building. During the off site groundwater investigation, the phthalates were detected in wells directly adjacent to the building to the west. Based on the results of the groundwater monitoring wells, a plume of phthalates appears to be beneath the western portion of the building as well as down gradient under the sidewalk. No

detection of VOCs or SVOCs above NYSDEC guidance values were detected in the groundwater monitoring wells located across the adjacent streets.

VOCs in the groundwater were detected around the fuel oil UST in the northeast portion of the subject site.

Conclusion

Based on research, monitoring data and the analysis of the soil and groundwater samples collected in and adjacent to the subject site, several conclusions are suggested. It is suggested that a significant amount of plasticizers are currently adhered to the subsurface soils on the western portion of the subject site. Free floating phthalates (LNAPLs) has been identified in several monitoring wells in the western portion of the subject site as well as in the adjacent sidewalk on Franklyn Avenue and Clay Street.

Several smaller areas of soil and groundwater believed to be contaminated with oil constituents exist within the phthalate plume. A small area of VOC contamination exists in the north east portion of the property.

Based on the estimated volume of the contaminants detected, it is suggested that the phthalate plume is the largest area of concern. The phthalate plume, along with other minor contamination will be addressed as stated in the following section.

Recommendations

Based on the recognized environmental conditions identified during the Phase II Site Assessment, ASR makes the following recommendations for the subject property referenced as 49-55 Dupont Street in Brooklyn, New York:

- Continue the existing IRM, with a consideration of product recovery enhancement.
- Develop a conceptual design and potential work plan for excavation and removal of soil with the greatest concentration of phthalates.
- Coordinate on going remediation with the future use of the property.
- Consider removal of the USTs that are suspected of being the source of the product as a method for potential increased product recovery in the source area.
- Continue monitoring and sampling on and off-site groundwater monitoring wells on a quarterly schedule.

Soil Sampling Results Tables

TABLE - 1
Soil Analytical Results (ppb)

Parameter	TAGM 4046	SB-1		SB-2		SB-3		SB-4		SB-5		SB-6		SB-7	
VOCs (ug/kg)		**1-5ft**	**5-10ft**	**1-5ft**	**10-12ft**	**1-5ft**	**5-10ft**	**1-5ft**	**13-15ft**	**1-5ft**	**10-12ft**	**1-5ft**	**14-16ft**	**1-5ft**	**11-13ft**
1,2,4-Trimethylbenzene	130	ND	ND	ND	**1,700**	ND	ND	ND	ND	ND	**260**	ND	ND	ND	ND
1,3,5-Trimethylbenzene	33	ND	ND	ND	ND	ND	ND	ND	ND	ND	**100**	ND	ND	ND	ND
p-Isopropyltoluene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	37	ND	ND	ND	ND
Benzene	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	**45**	ND	ND	ND	ND
MTBE	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	ND	ND	ND	ND	ND	ND	ND	ND	70	ND	ND	ND	ND
n-Butylbenzene	120	ND	ND	ND	ND	ND	ND	ND	ND	ND	56	ND	ND	ND	ND
n-Propylbenzene	37	ND	ND	ND	ND	ND	ND	ND	ND	ND	35	ND	ND	ND	ND
o-Xylene	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	**54**	ND	ND	ND	ND
SVOCs (ug/kg)															
Acenaphthene	920	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	370	ND
Anthracene	7,000	ND	ND	ND	ND	ND	ND	1,800	ND	1,700	ND	550	ND	620	ND
Benzo [a] anthracene	28	ND	ND	ND	ND	ND	ND	**3,900**	ND	**3,500**	ND	**2,000**	ND	**2,800**	ND
Benzo [a] pyrene	110	ND	ND	ND	ND	ND	ND	**2,700**	ND	**2,000**	ND	**1,300**	ND	**1,900**	ND
Benzo [b] fluoranthene	11	ND	ND	ND	ND	ND	ND	**2,400**	ND	**2,300**	ND	**1,400**	ND	**1,800**	ND
Benzo [g,h,i] perylene	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	390	ND	600	ND
Benzo [k] fluoranthene	11	ND	ND	ND	ND	ND	ND	**2,900**	ND	**1,900**	ND	**1,100**	ND	**1,400**	ND
Chyrsene	4	ND	ND	ND	ND	ND	ND	**4,000**	ND	**3,300**	ND	**1,800**	ND	**2,600**	ND
Dibenze [a,h] anthracene	1,650,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	340	ND
Fluoranthene	19,000	ND	ND	ND	ND	ND	ND	11,000	ND	8,300	ND	4,600	ND	5,500	ND
Fluorene	3,650	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno [1,2,3-cd] pyrene	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**500**	ND	**680**	ND
Naphthalene	130	ND	ND	ND	ND	ND	ND	**2,000**	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	2,180	ND	ND	ND	ND	ND	ND	**13,000**	ND	**8,400**	ND	**2,700**	ND	**4,000**	ND
Pyrene	6,650	ND	ND	ND	ND	ND	ND	**9,000**	ND	**7,100**	ND	4,000	ND	5,100	ND
Bis(2-ethylhexyl)phthalate	4,350	ND	ND	ND	ND	ND	190	ND	**140,000**	ND	**150,000**	ND	**12,000,000**	**4,800**	**6,800**
Di-n-octylphthalate	1,200	ND	ND	ND	ND	ND	ND	ND	**200,000**	ND	ND	ND	ND	ND	ND

Guidance value is the NYSDEC Soil Cleanup Objective based on NYSDEC's TAGM 4046, dated January 24, 1994, revised August 22, 2001.
NS – Not Sampled
ND – Not detected above laboratory's minimum detection limit.

TABLE - 1
Soil Analytical Results (ppb)

Parameter	TAGM 4046	SB-8	SB-9	SB-10	SB-11	SB-12	SB-13	SB-14	SB-15	SB-16	SB-17	SB-18	SB-19
VOCs (ug/kg)													
1,2,4-Trimethylbenzene	130	ND	ND	ND	ND	ND	ND	**11,000**	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	33	ND	ND	ND	ND	ND	ND	**2,300**	ND	ND	ND	ND	ND
p-Isopropyltoluene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	55	ND	ND	ND	ND	ND	ND	**860**	ND	ND	ND	ND	ND
Isopropylbenzene	23	ND	ND	ND	ND	ND	ND	**660**	ND	ND	ND	ND	ND
m,p-Xylenes	12	ND	ND	ND	ND	ND	ND	**2,300**	ND	ND	ND	ND	ND
MTBE	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	ND	ND	ND	ND	ND	**14,000**	ND	ND	ND	ND	ND
n-Butylbenzene	120	ND	ND	ND	ND	ND	ND	**2,600**	ND	ND	ND	ND	ND
n-Propylbenzene	37	ND	ND	ND	ND	ND	ND	**1,400**	ND	ND	ND	ND	ND
o-Xylene	12	ND	ND	ND	ND	ND	ND	**650**	ND	ND	ND	ND	ND
sec-Butylbenzene	110	ND	ND	ND	ND	ND	ND	**870**	ND	ND	ND	ND	ND
Toluene	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (ug/kg)													
Acenaphthene	920	ND	ND	ND	ND	ND	ND	ND	ND	ND	580	ND	ND
Anthracene	7,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	390	ND	ND
Benzo [a] anthracene	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [a] pyrene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [b] fluoranthene	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [g,h,i] perylene	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [k] fluoranthene	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chyrsene	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenze [a,h] anthracene	1,650,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	19,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	340	ND	ND
Fluorene	3,650	ND	ND	ND	ND	ND	ND	ND	ND	ND	270	ND	ND
Indeno [1,2,3-cd] pyrene	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,500**	ND	ND
Phenanthrene	2,180	ND	ND	ND	ND	ND	ND	ND	ND	ND	710	ND	ND
Pyrene	6,650	ND	ND	ND	ND	ND	ND	ND	ND	ND	500	ND	ND
Bis(2-ethylhexyl)phthalate	4,350	280	170	ND	260	ND	370	ND	ND	300	ND	ND	ND
Di-n-octylphthalate	1,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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TABLE - 1
Soil Analytical Results (ppb)

Parameter	TAGM 4046	SB-20	SB-21	SB-23	SB-24	SB-32	SB-34	SB-36	SB-37	SB-38a	SB-38b	SB-39
VOCs (ug/kg)												
1,2,4-Trimethylbenzene	130	ND	ND	ND	ND	ND	74	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	33	ND	ND	ND	ND	ND	30	ND	ND	ND	ND	ND
p-Isopropyltoluene	110	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	**210**
Benzene	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**190**
m,p-Xylenes	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MTBE	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	ND	ND	ND	ND	28	ND	ND	ND	ND	ND
n-Butylbenzene	120	ND	ND	ND	ND	ND	25	ND	ND	ND	ND	**930**
n-Propylbenzene	37	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	**740**
o-Xylene	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	110	ND	ND	ND	ND	ND	12	ND	ND	ND	ND	**400**
Toluene	15	ND	ND	ND	ND	ND	**27**	ND	ND	ND	ND	ND
SVOCs (ug/kg)												
Acenaphthene	920	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**13,000**
Anthracene	7,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**25,000**
Benzo [a] anthracene	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44,000**
Benzo [a] pyrene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**33,000**
Benzo [b] fluoranthene	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**26,000**
Benzo [g,h,i] perylene	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8,600
Benzo [k] fluoranthene	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**32,000**
Chyrsene	4	ND	ND	**220**	ND	ND	ND	ND	ND	ND	ND	**48,000**
Dibenze [a,h] anthracene	1,650,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	19,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**88,000**
Fluorene	3,650	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**17,000**
Indeno [1,2,3-cd] pyrene	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**
Naphthalene	130	ND	ND	**1,600**	ND	ND	ND	ND	ND	ND	ND	**12,000**
Phenanthrene	2,180	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**86,000**
Pyrene	6,650	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**80,000**
Bis(2-ethylhexyl)phthalate	4,350	ND	ND	380	**14,000**	1,500	**610,000**	ND	**100,000**	3,500	ND	ND
Di-n-octylphthalate	1,200	ND	ND	ND	**16,000**	ND	**41,000**	1,000	**8,300**	ND	1,000	ND

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TABLE - 1
Soil Analytical Results (ppb)

Parameter	TAGM 4046	SB-44	SB-46	SB-48	SB-49	SB-50	SB-51	SB-52	SB-56	SB-57	SB-58	SB-59
VOCs (ug/kg)												
1,2,4-Trimethylbenzene	130	73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	12	**62**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MTBE	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	120	130	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	37	**58**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (ug/kg)												
Acenaphthene	920	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	7,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [a] anthracene	28	ND	ND	ND	ND	ND	ND	**840**	ND	ND	ND	ND
Benzo [a] pyrene	110	ND	ND	ND	ND	ND	ND	**780**	ND	ND	ND	ND
Benzo [b] fluoranthene	11	ND	ND	ND	ND	ND	ND	**730**	ND	ND	ND	ND
Benzo [g,h,i] perylene	80,000	ND	ND	ND	ND	ND	ND	280	ND	ND	ND	ND
Benzo [k] fluoranthene	11	ND	ND	ND	ND	ND	ND	**590**	ND	ND	ND	ND
Chyrsene	4	ND	**220**	ND	ND	ND	ND	**740**	ND	ND	ND	ND
Dibenze [a,h] anthracene	1,650,000	ND	ND	ND	ND	ND	ND	210	ND	ND	ND	ND
Fluoranthene	19,000	ND	ND	ND	ND	ND	ND	1,200	ND	ND	ND	ND
Fluorene	3,650	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno [1,2,3-cd] pyrene	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	ND	ND	**690**	**220**	ND	ND	ND	ND	ND	ND
Phenanthrene	2,180	ND	ND	ND	ND	ND	ND	570	ND	ND	ND	ND
Pyrene	6,650	ND	ND	ND	ND	ND	ND	1,300	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	4,350	**20,000,000**	340	**4,800**	230	3,700	**34,000**	3,400	ND	**52,000**	320	ND
Di-n-octylphthalate	1,200	ND	ND	ND	330	1,000	**11,000**	460	ND	**6,800**	ND	ND

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TABLE - 1
Soil Analytical Results (ppb)

Parameter	TAGM 4046	MW-5		MW-6		MW-7		MW-8		MW-9		MW-10		MW-11
VOCs (ug/kg)		4-9ft	10-15ft	5-10ft	10-15ft	5-10ft	10-15ft	5-10ft	10-15ft	5-10ft	5-10ft	5-10ft	10-15ft	8-10ft
1,2,4-Trimethylbenzene	130	ND	**420**	ND	ND	ND	35	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	55	ND	ND	ND	ND	ND	ND	ND	ND	ND	**480**	ND	ND	ND
Isopropylbenzene	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	**620**	ND	ND	ND
m,p-Xylenes	12	ND	ND	ND	ND	ND	**36**	ND	ND	ND	ND	ND	ND	ND
MTBE	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	**220**	ND	ND	ND	ND	ND	ND	**4,000**	**3,600**	ND	ND	ND
n-Butylbenzene	120	ND	ND	ND	ND	ND	ND	ND	ND	**1,100**	**1,100**	ND	ND	ND
n-Propylbenzene	37	ND	ND	ND	ND	ND	ND	ND	ND	**850**	**1,100**	ND	ND	ND
o-Xylene	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	110	ND	ND	31	ND	ND	ND	ND	ND	**720**	**690**	ND	ND	ND
Toluene	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (ug/kg)														
Acenaphthene	920	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	170
Anthracene	7,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	320
Benzo [a] anthracene	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**350**
Benzo [a] pyrene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**180**
Benzo [b] fluoranthene	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [g,h,i] perylene	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [k] fluoranthene	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**210**
Chyrsene	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**320**
Dibenze [a,h] anthracene	1,650,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	19,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	740
Fluorene	3,650	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	170
Indeno [1,2,3-cd] pyrene	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	2,180	ND	ND	ND	ND	ND	ND	ND	ND	**5,600**	**17,000**	ND	ND	890
Pyrene	6,650	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	600
Bis(2-ethylhexyl)phthalate	4,350	ND	**6,700,000**	**9,500,000**	**1,900,000**	**3,600**	**1,700,000**	ND	**12,000**	ND	**59,000**	ND	**6,300**	ND
Di-n-octylphthalate	1,200	ND	**1,300,000**	ND	**180,000**	ND	ND	ND	ND	ND	ND	ND	ND	ND

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TABLE - 1
Soil Analytical Results (ppb)

Parameter	TAGM 4046	MW-12	MW-13	MW-14	MW-15	MW-16	ASR-11		ASR-12	
VOCs (ug/kg)		**8-10ft**	**8-10ft**	**8-10ft**	**8-10ft**	**8-10ft**	**5-10ft**	**10-15ft**	**5-10ft**	**10-15ft**
1,2,4-Trimethylbenzene	130	73	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	33	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	55	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	23	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	12	ND	ND	ND	ND	ND	ND	ND	ND	ND
MTBE	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	120	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	37	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	12	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	15	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (ug/kg)										
Acenaphthene	920	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	7,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [a] anthracene	28	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [a] pyrene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [b] fluoranthene	11	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [g,h,i] perylene	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [k] fluoranthene	11	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chyrsene	4	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenze [a,h] anthracene	1,650,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	19,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	3,650	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno [1,2,3-cd] pyrene	32	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	2,180	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	6,650	ND	ND	ND	ND	ND	ND	190	ND	ND
Bis(2-ethylhexyl)phthalate	4,350	ND	ND	ND	**6,400**	ND	ND	ND	ND	ND
Di-n-octylphthalate	1,200	ND	ND	ND	ND	990	ND	ND	ND	ND

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Groundwater Sampling Results Tables

TABLE - 1
Soil Analytical Results (ppb)

Parameter	TAGM 4046	MW-12	MW-13	MW-14	MW-15	MW-16	ASR-11		ASR-12	
VOCs (ug/kg)		**8-10ft**	**8-10ft**	**8-10ft**	**8-10ft**	**8-10ft**	**5-10ft**	**10-15ft**	**5-10ft**	**10-15ft**
1,2,4-Trimethylbenzene	130	73	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	33	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	55	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	23	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	12	ND	ND	ND	ND	ND	ND	ND	ND	ND
MTBE	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	120	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	37	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	12	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	15	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (ug/kg)										
Acenaphthene	920	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	7,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [a] anthracene	28	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [a] pyrene	110	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [b] fluoranthene	11	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [g,h,i] perylene	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [k] fluoranthene	11	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chyrsene	4	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenze [a,h] anthracene	1,650,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	19,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	3,650	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno [1,2,3-cd] pyrene	32	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	130	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	2,180	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	6,650	ND	ND	ND	ND	ND	ND	190	ND	ND
Bis(2-ethylhexyl)phthalate	4,350	ND	ND	ND	**6,400**	ND	ND	ND	ND	ND
Di-n-octylphthalate	1,200	ND	ND	ND	ND	990	ND	ND	ND	ND

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TABLE - 2
Groundwater Sampling Results Data

Parameter	TOGS 1.1.1	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10
VOCs (ug/L)											
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	**6**	**11**	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	**11**	ND
Isopropylbenzene	5	5	ND	ND	ND	ND	ND	ND	ND	**8**	ND
m,p-Xylenes	10	ND	ND	ND	ND	ND	ND	ND	ND	**11**	ND
MTBE	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	**75**	ND	ND	ND	**8**	ND	ND	ND	**71**	ND
n-Butylbenzene	5	**6**	ND	ND	ND	ND	ND	ND	ND	**6**	ND
n-Propylbenzene	5	**7**	ND	ND	ND	ND	ND	ND	ND	**10**	ND
o-Xylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	5	**9**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (ug/L)											
Acenaphthene	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [a] anthracene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [a] pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [b] fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [g,h,i] perylene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo [k] fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chyrsene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenze [a,h] anthracene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	50	**75**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno [1,2,3-cd] pyrene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	**99**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	**110**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	5	ND	**60**	**31**	**120,000**	**780,000**	**1,300,000**	**370,000**	**89**	ND	**6**
Di-n-octylphthalate	50	ND	ND	ND	**160,000**	**90,000**	ND	ND	ND	ND	ND

Guidance value is the NYSDEC Groundwater Quality Standards based on NYSDEC's TOGS 1.1.1, dated October 22, 1993, revised June 1998.
NS – Not Sampled
ND – Not detected above laboratory's minimum detection limit.

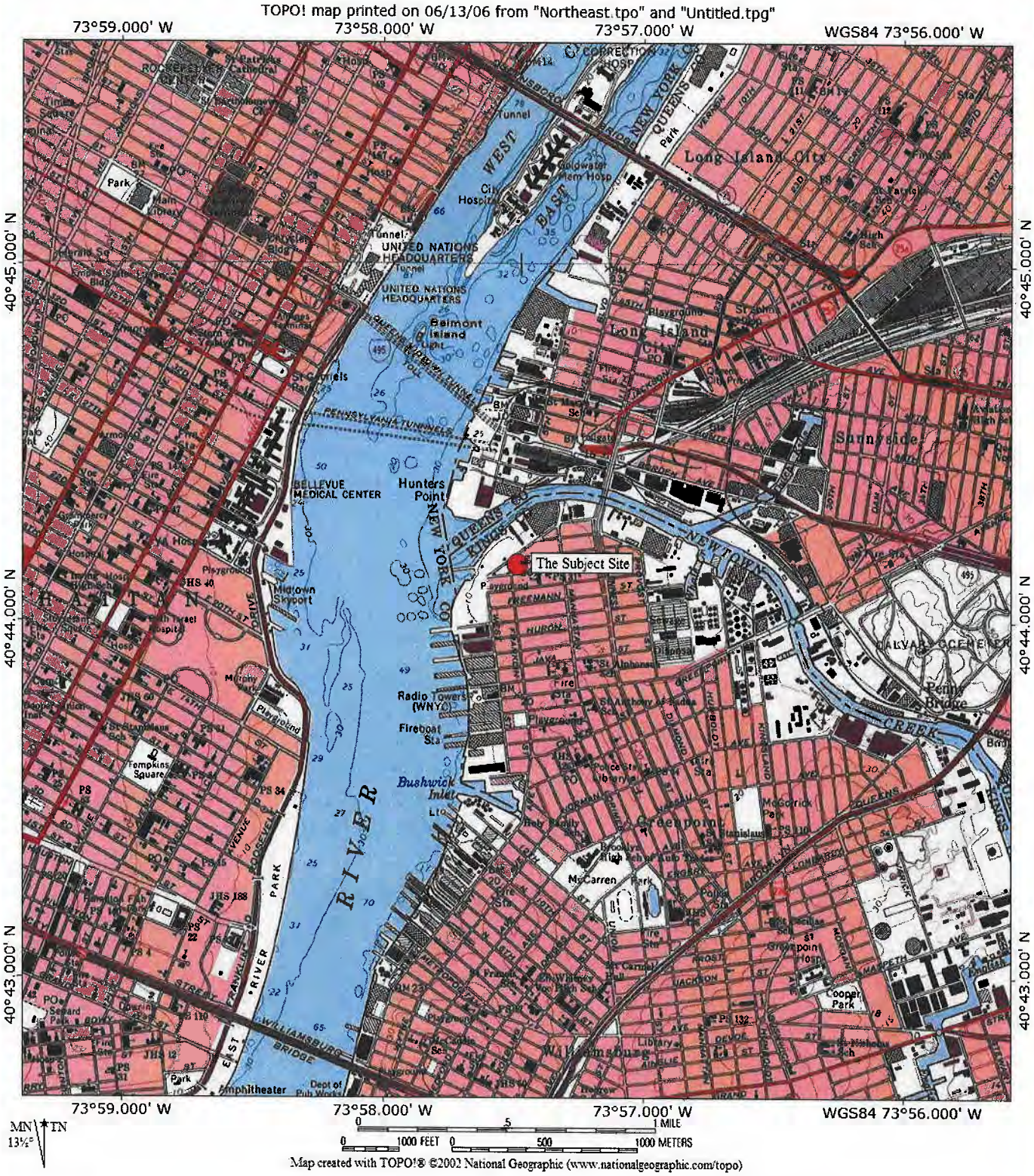
TABLE - 2
Groundwater Sampling Results Data

Parameter	TOGS 1.1.1	MW-11	MW-12	MW-13	MW-14	ASR-11	ASR-12
VOCs (ug/L)							
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	**2**	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND
m,p-Xylenes	10	ND	ND	ND	ND	ND	ND
MTBE	10	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	**2,300**
n-Butylbenzene	5	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND
o-Xylene	5	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND
SVOCs (ug/L)							
Acenaphthene	20	ND	ND	ND	ND	ND	ND
Anthracene	50	ND	ND	ND	ND	ND	ND
Benzo [a] anthracene	0.002	ND	ND	ND	ND	ND	ND
Benzo [a] pyrene	ND	ND	ND	ND	ND	ND	ND
Benzo [b] fluoranthene	0.002	ND	ND	ND	ND	ND	ND
Benzo [g,h,i] perylene	0.002	ND	ND	ND	ND	ND	ND
Benzo [k] fluoranthene	0.002	ND	ND	ND	ND	ND	ND
Chyrsene	0.002	ND	ND	ND	ND	ND	ND
Dibenze [a,h] anthracene	0.002	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND	ND
Fluorene	50	ND	ND	ND	ND	ND	ND
Indeno [1,2,3-cd] pyrene	0.002	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	**210**
Phenanthrene	50	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	5	ND	**17**	ND	ND	**18**	ND
Di-n-octylphthalate	50	ND	ND	ND	ND	ND	ND

Guidance value is the NYSDEC Groundwater Quality Standards based on NYSDEC's TOGS 1.1.1, dated October 22, 1993, revised June 1998.
NS – Not Sampled
ND – Not detected above laboratory's minimum detection limit.

APPENDIX – A

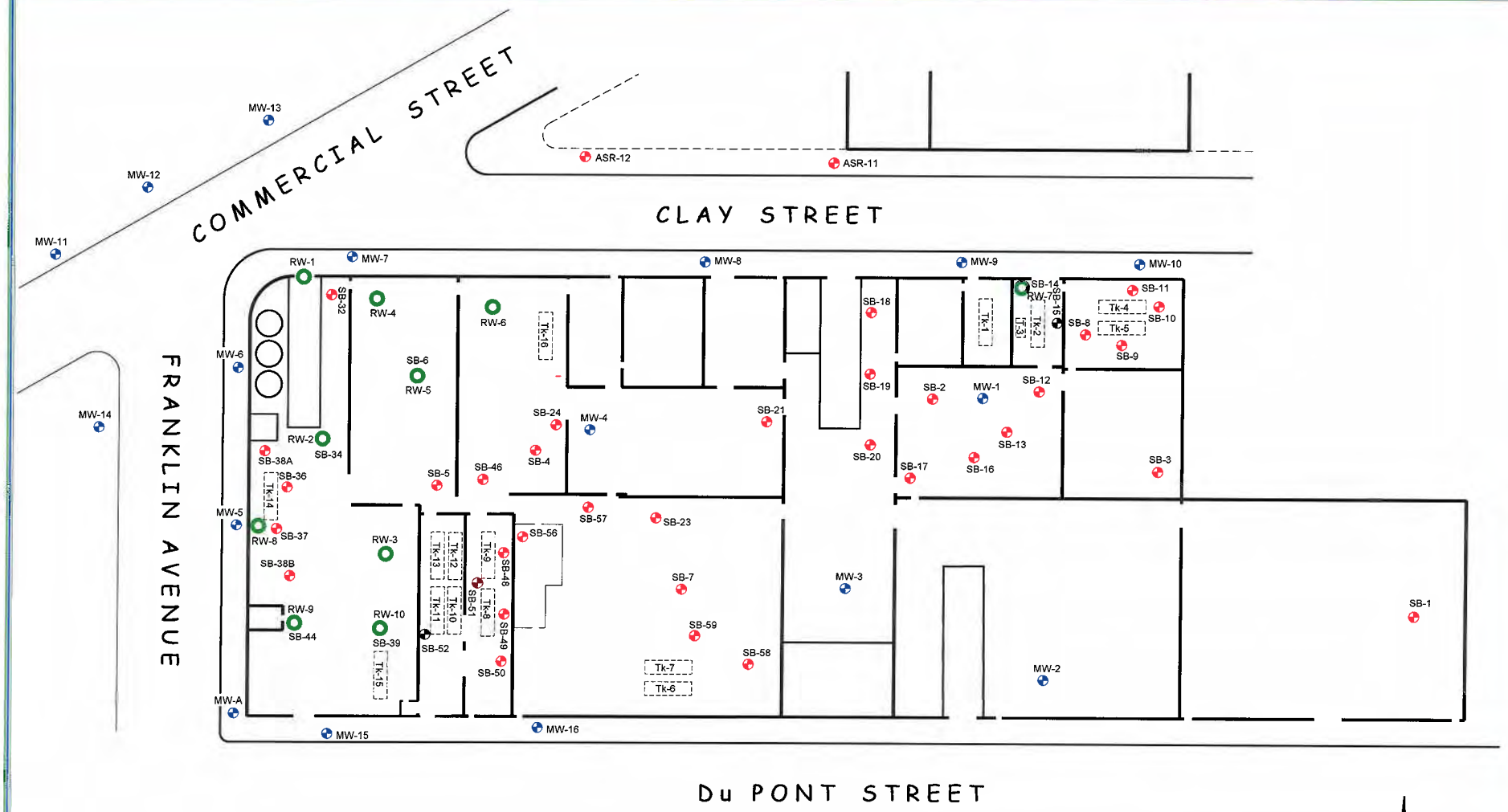
Figures



ADVANCED Site Restoration, LLC.
Environmental Services

62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr com

Figure - 1
Site Location Map
49-55 Dupont Street
Brooklyn, New York 11222



MW-2 Location of Groundwater Monitoring Well

SB-22 Location of Geoprobe Soil Boring

RW-3 Location of Product Recovery Wells

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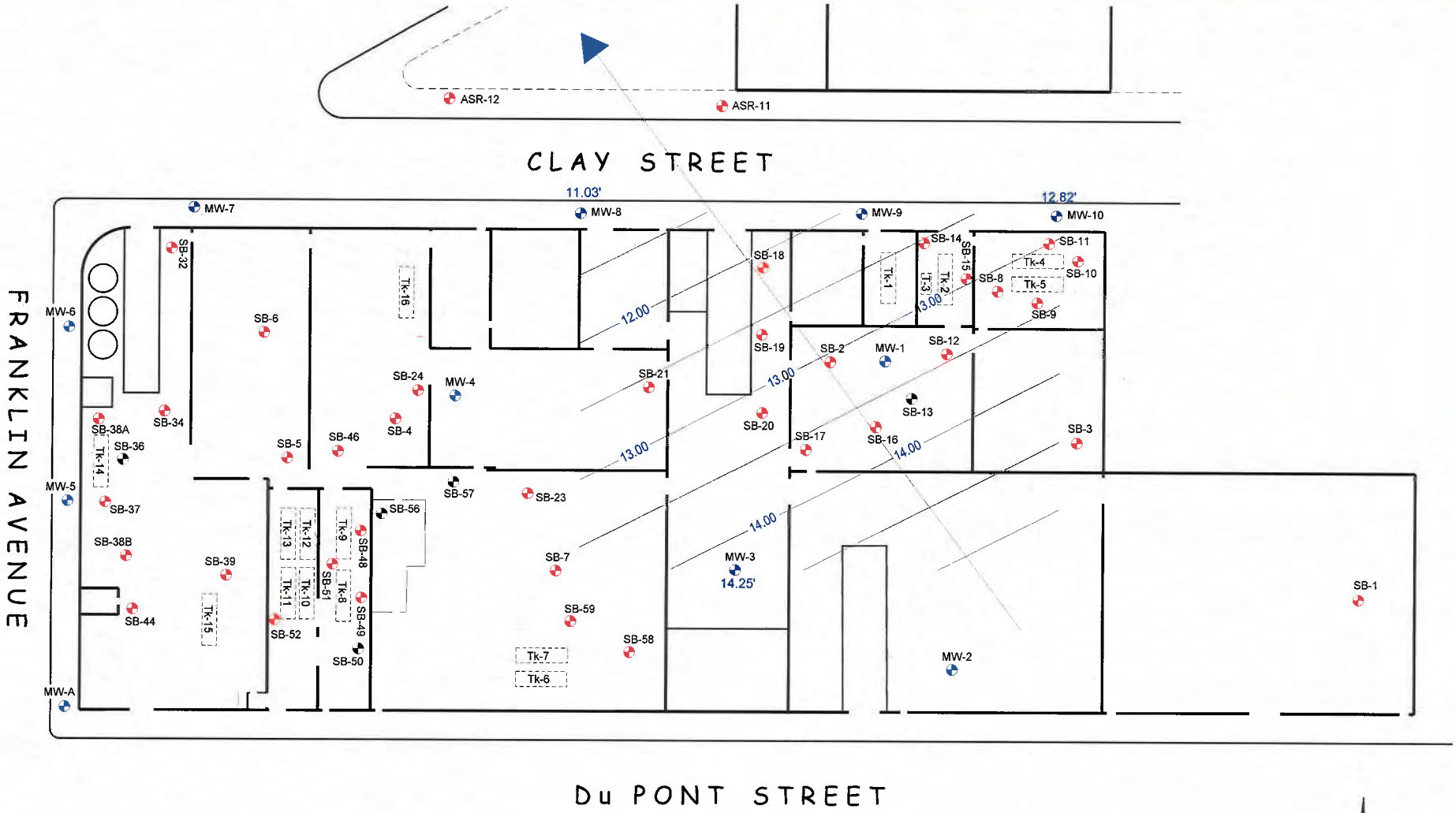
Borehole & Well Location Map
December 2006

SWM

Rev: 12/14/06

NuHart & Company, Inc.
49 - 55 Dupont Street
Brooklyn, New York



MW-2
Location of Groundwater Monitoring Well

SB-22
Location of Geoprobe Soil Boring

Not to Scale

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Groundwater Gradient Map
August 1, 2006

SWM

Rev: 08/23/06

NuHart & Company, Inc.
49 - 55 Dupont Street
Brooklyn, New York



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SWM

LNAPL Map
49 - 55 Dupont Street
Brooklyn, New York
April 2007

MW-2 Location of Groundwater Monitoring Well
SB-22 Location of Geoprobe Soil Boring
RW-3 Location of Product Recovery Wells
Area where LNAPL was detected

North

Not to Scale



Total Bis (2-Ethylhexyl) Phthalate
Total Di-n-Octylphthalate

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Phthalates in Soil Exceeding TAGM 4046

49 - 55 Dupont Street
Brooklyn, New York
April 2007

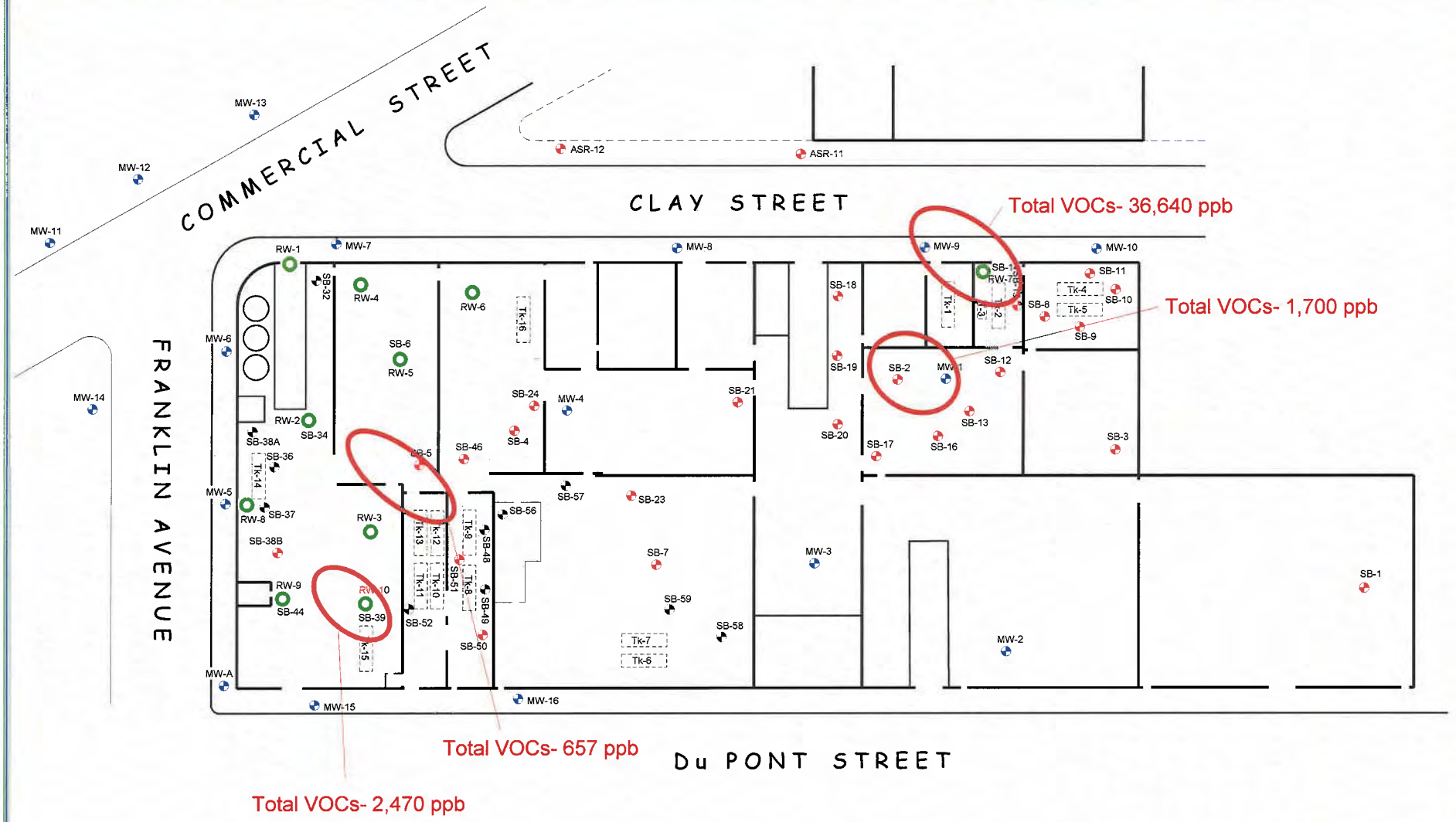
SWM

MW-2 Location of Groundwater Monitoring Well
SB-22 Location of Geoprobe Soil Boring
RW-3 Location of Product Recovery Wells

Area where Bis (2-ethylhexyl) phthalate and Di-n-octylphthalate were detected above NYCDEC TAGM 4046

North

Not to Scale



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VOCs in Soil Exceeding TAGM 4046
49 - 55 Dupont Street
Brooklyn, New York
April 2007

SWM

MW-2 Location of Groundwater Monitoring Well
SB-22 Location of Geoprobe Soil Boring
RW-3 Location of Product Recovery Wells
Area where VOCs detected above NYSDEC TAGM 4046

North
Not to Scale

APPENDIX – B

Site Photographs


54TH Ave
Vernon Blvd
53RD Ave
Borden Ave
Newtown Creek
East River
Ash St
Box St
Clay St
Commercial St
Dupont St
Eagle St
Freeman St
Green St
McGuinness Blvd
Paidge Ave


54TH Ave
Vernon Blvd
53RD Ave
Borden Ave
Newtown Creek
East River
Ash St
Box St
Clay St
Commercial St
Dupont St
Eagle St
Freeman St
Green St
McGuinness Blvd
Paidge Ave

Fenley & Nicol Environmental
SOLUTIONS
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CAUTION




6620DT
CAUTION
CAUTION
CAUTION
CAUTION


6620DT

APPENDIX - C

Boring Logs

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-1

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **10.83 feet measured on 11/20/2006**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Northeast Section of Building, south of Acetone, Fuel Oil tanks**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
5	10							11/20/2006 ▼			
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-2

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **11.78 feet measured on 05/10/2006**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **South east section of site, away from UST's**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
5	10							05/10/2006 ▼			
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-3

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **9.83 feet measured on 8/1/2006**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Center of property, loading dock area, away from UST's**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
5	10							8/1/2006 ▼			
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-4

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **13.56 feet measured on 11/20/2006**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **North west section of property, in vicinity of Phthalate and Hecla Oil UST's**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
5	10							11/20/2006 ▼			
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222 Project Number:	**Log of Boring MW-5** Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **10.3 feet measured on 11/20/2006**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk along the west side of the property, along Franklin Ave**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			No contamination detected
5	10							11/20/2006 ▼			Minor VOCs detected Phthalates detected @ 8,000,000 ppb
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont **Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222** **Project Number:**	**Log of Boring MW-6** Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **8.85 feet measured on 11/20/2006**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk along the north west side of the property, along Franklin Ave**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			Minor VOCs, Phthalates detected @ 9,500,000 ppb
								11/20/2006 ▼			
5	10										Modeare VOCs, Phthalates detected @ 2,080,000 ppb
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tp]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-7

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **8.8 feet measured on 11/20/2006**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk along the north west side of the property, along Clay Street**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
								11/20/2006 ▼			
5	10										Minor VOCs detected Phthalates detected @1,700,000 ppb
0	15					CL		Silty clays, sandy silt			
								Bottom of Boring at 19 feet bgs			
-5	20										
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-8

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **9.46 feet measured on 08/10/2006**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk along the north side of the property, along Clay Street**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
5	10							08/10/2006 ▼			No VOCs detected Phthalates detected @ 12,000
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-9

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **10.22 feet measured on 08/10/2006**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk along the north east side of the property, along Clay Street**	

Elevation, feet	Depth, feet	USCS Symbol	MATERIAL DESCRIPTION
15	0	GM	brown dirt
10	5	CL-ML	very fine silty sand
5	10		08/10/2006 ▼
0	15	CL	Silty clays, sandy silt
-5	20		Bottom of Boring at 19 feet bgs
-10	25		
-15	30		

Sample Type | Sample Number | Sampling Resistance, blows/foot | Relative Consistency | Graphic Log | Water Content, % | Well Log

REMARKS AND OTHER TESTS:
Elevated VOCs detected
Phthalates detected @ 59,000 ppb
SVOCs detected

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-10

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **8.22 feet measured on 08/01/2006**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk along the north east side of the property, along Clay Street**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
								08/01/2006 ▼			
5	10										No VOCs detected Phthalates detected @ 6,300 ppb
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

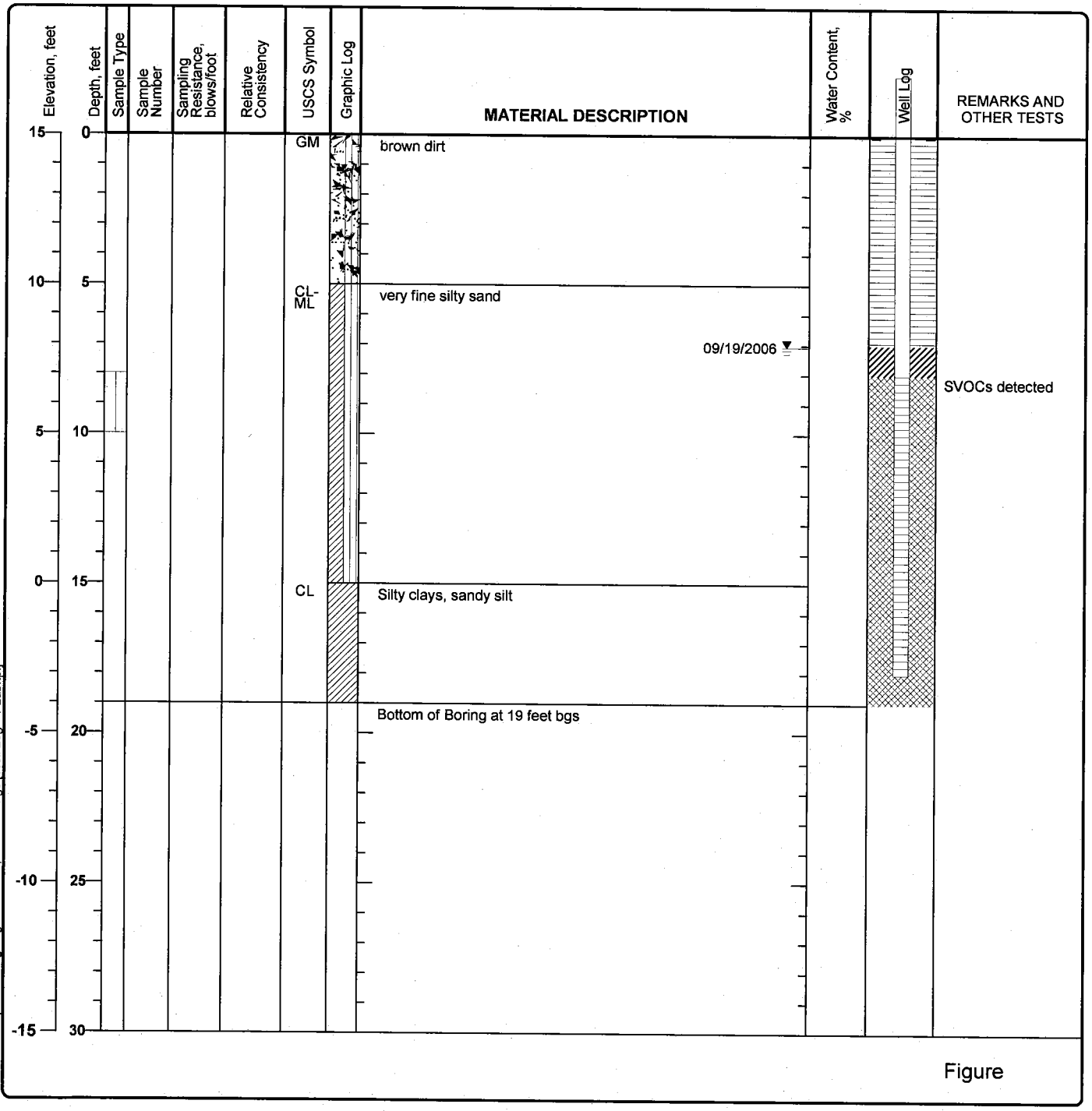
F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-11

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **7.07 feet measured on 09/19/2006**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk across Commercial Street to the north west of the property**	



Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-12

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **7.1 feet measured on 09/19/2006**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk across Commercial Street to the north west of the property**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
								09/19/2006 ▼			
5	10										No contamination detected
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-13

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **7.16 feet measured on 09/19/2006**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk across Commercial Street to the north west of the property**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
								09/19/2006 ▼			
5	10										No contamination detected
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-14

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **8.11 feet measured on 09/19/2006**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk across Franklin Street to the west of the property**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
								09/19/2006 ▼			
5	10										No contamination detected
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-15

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk, along the Dupont Street, along the south west section of the site**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			Phthalates detected
5	10										
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring MW-16

Sheet 1 of 1

Date(s) Drilled **May 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **3 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Fenley & Nicol**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **Grab**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Sidewalk, along the Dupont Street, along the south west section of the site**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			No contamination detected
5	10										Minor VOCs detected Phthalates detected @ 8,000,000 ppb
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring RW-1

Sheet 1 of 1

Date(s) Drilled **October 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Truck Mounted**	Drill Bit Size/Type **6 5/8 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Aggressive Environmental Inc.**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Northwest corner of the subject site**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GW		cocrete, rocks and pebbles			
10	5					CL-ML		very fine silty sand			
5	10										
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring RW-2

Sheet 1 of 1

Date(s) Drilled **October 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Truck Mounted**	Drill Bit Size/Type **6 5/8 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Aggressive Environmental Inc.**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **Far west side of the site, in the center**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
5	10										
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring RW-3

Sheet 1 of 1

Date(s) Drilled **October 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Truck Mounted**	Drill Bit Size/Type **6 5/8 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Aggressive Environmental Inc.**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **South west section of the site**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GW		cocrete, rocks and pebbles			
10	5					CL-ML		very fine silty sand			
5	10										
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring RW-4

Sheet 1 of 1

Date(s) Drilled **October 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Truck Mounted**	Drill Bit Size/Type **6 5/8 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Aggressive Environmental Inc.**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GW		cocrete, rocks and pebbles			
10	5					CL-ML		very fine silty sand			
5	10										
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring RW-5

Sheet 1 of 1

Date(s) Drilled **December 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **6 5/8 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Longshore Environmental**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **North west section of the subject site**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
5	10										
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring RW-6

Sheet 1 of 1

Date(s) Drilled **December 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **6 5/8 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Longshore Environmental**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **North west section of the subject site**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
5	10										
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring RW-7

Sheet 1 of 1

Date(s) Drilled **December 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **6 5/8 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Longshore Environmental**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **North east section of the subject site, around Acetone, Fuel Oil Tanks**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GM		brown dirt			
10	5					CL-ML		very fine silty sand			
5	10										
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

Figure

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10 bgs [Well Log - 1 Lab.tpl]

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring RW-8

Sheet 1 of 1

Date(s) Drilled **December 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **6 5/8 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Longshore Environmental**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **South west section of the site, to the west of Phthalate & Hecla Oil Tanks**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GW		cocrete, rocks and pebbles			
10	5					CL-ML		very fine silty sand			
5	10										
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring RW-9

Sheet 1 of 1

Date(s) Drilled **December 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **6 5/8 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Longshore Environmental**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **South west section of the site, to the west of Phthalate & Hecla Oil Tanks**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GW		cocrete, rocks and pebbles			
10	5					CL-ML		very fine silty sand			
5	10										
0	15					CL		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

Project: Dupont
Project Location: 49-55 Dupont Street, Brooklyn N.Y. 11222
Project Number:

Log of Boring RW-10

Sheet 1 of 1

Date(s) Drilled **December 2006**	Logged By **Anthony Adesso**	Checked By **Steve Muller**
Drilling Method **Direct Push**	Drill Bit Size/Type **6 5/8 inch**	Total Depth of Borehole **19 feet bgs**
Drill Rig Type **geo probe**	Drilling Contractor **Longshore Environmental**	Approximate Surface Elevation **15 feet**
Groundwater Level and Date Measured **Not Measured**	Sampling Method(s) **None**	Hammer Data
Borehole Backfill **Multiple Backfill Materials**	Location **South west section of the site, to the west of Phthalate & Hecla Oil Tanks**	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Well Log	REMARKS AND OTHER TESTS
15	0					GW		cocrete, rocks and pebbles			
10	5					CL		very fine silty sand			
5	10										
0	15					ML		Silty clays, sandy silt			
-5	20							Bottom of Boring at 19 feet bgs			
-10	25										
-15	30										

F:\Folkman Dupont\Boring Logs-MW-1-16, RW-1-10.bgs [Well Log - 1 Lab.tpl]

Figure

APPENDIX - D

Laboratory Analytical Reports

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 5/10/2006
Re: Client Project ID: 49 Dupont
York Project No.: 06050130

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: 5/10/2006
Client Project ID: 49 Dupont
York Project No.: 06050130

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 05/03/06. The project was identifed as your project "49 Dupont ".

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			SB-1/5-10'		SB-2/10-12'	
York Sample ID			06050130-01		06050130-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	500
1,1,1-Trichloroethane			Not detected	10	Not detected	500
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	500
1,1,2-Trichloroethane			Not detected	10	Not detected	500
1,1-Dichloroethane			Not detected	10	Not detected	500
1,1-Dichloroethylene			Not detected	10	Not detected	500
1,1-Dichloropropylene			Not detected	10	Not detected	500
1,2,3-Trichlorobenzene			Not detected	10	Not detected	500
1,2,3-Trichloropropane			Not detected	10	Not detected	500
1,2,3-Trimethylbenzene			Not detected	10	Not detected	500
1,2,4-Trichlorobenzene			Not detected	10	Not detected	500
1,2,4-Trimethylbenzene			Not detected	10	1700	500
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	500
1,2-Dibromoethane			Not detected	10	Not detected	500
1,2-Dichlorobenzene			Not detected	10	Not detected	500
1,2-Dichloroethane			Not detected	10	Not detected	500

YORK

Client Sample ID			SB-1/5-10'		SB-2/10-12'	
York Sample ID			06050130-01		06050130-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	500
1,2-Dichloropropane			Not detected	10	Not detected	500
1,3,5-Trimethylbenzene			Not detected	10	Not detected	500
1,3-Dichlorobenzene			Not detected	10	Not detected	500
1,3-Dichloropropane			Not detected	10	Not detected	500
1,4-Dichlorobenzene			Not detected	10	Not detected	500
1-Chlorohexane			Not detected	10	Not detected	500
2,2-Dichloropropane			Not detected	10	Not detected	500
2-Chlorotoluene			Not detected	10	Not detected	500
4-Chlorotoluene			Not detected	10	Not detected	500
Benzene			Not detected	10	Not detected	500
Bromobenzene			Not detected	10	Not detected	500
Bromochloromethane			Not detected	10	Not detected	500
Bromodichloromethane			Not detected	10	Not detected	500
Bromoform			Not detected	10	Not detected	500
Bromomethane			Not detected	10	Not detected	500
Carbon tetrachloride			Not detected	10	Not detected	500
Chlorobenzene			Not detected	10	Not detected	500
Chloroethane			Not detected	10	Not detected	500
Chloroform			Not detected	10	Not detected	500
Chloromethane			Not detected	10	Not detected	500
cis-1,3-Dichloropropylene			Not detected	10	Not detected	500
Dibromochloromethane			Not detected	10	Not detected	500
Dibromomethane			Not detected	10	Not detected	500
Dichlorodifluoromethane			Not detected	10	Not detected	500
Ethylbenzene			Not detected	10	Not detected	500
Hexachlorobutadiene			Not detected	10	Not detected	500
Isopropylbenzene			Not detected	10	Not detected	500
Methylene chloride			Not detected	10	Not detected	500
MTBE			Not detected	10	Not detected	500
Naphthalene			Not detected	10	Not detected	500
n-Butylbenzene			Not detected	10	Not detected	500
n-Propylbenzene			Not detected	10	Not detected	500
o-Xylene			Not detected	10	Not detected	500
p- & m-Xylenes			Not detected	10	Not detected	500
p-Isopropyltoluene			Not detected	10	Not detected	500
sec-Butylbenzene			Not detected	10	Not detected	500
Styrene			Not detected	10	Not detected	500
tert-Butylbenzene			Not detected	10	Not detected	500
Tetrachloroethylene			Not detected	10	Not detected	500
Toluene			Not detected	10	Not detected	500
trans-1,3-Dichloropropylene			Not detected	10	Not detected	500
Trichloroethylene			Not detected	10	Not detected	500
Trichlorofluoromethane			Not detected	10	Not detected	500
Vinyl chloride			Not detected	10	Not detected	500
BNA-8270 List	SW846-8270C	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	330
1,2-Dichlorobenzene			Not detected	165	Not detected	330
1,3-Dichlorobenzene			Not detected	165	Not detected	330
1,4-Dichlorobenzene			Not detected	165	Not detected	330
2,4,5-Trichlorophenol			Not detected	165	Not detected	330

YORK

Client Sample ID			SB-1/5-10'		SB-2/10-12'	
York Sample ID			06050130-01		06050130-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
2,4,6-Trichlorophenol			Not detected	165	Not detected	330
2,4-Dichlorophenol			Not detected	165	Not detected	330
2,4-Dimethylphenol			Not detected	165	Not detected	330
2,4-Dinitrophenol			Not detected	165	Not detected	330
2,4-Dinitrotoluene			Not detected	165	Not detected	330
2,6-Dinitrotoluene			Not detected	165	Not detected	330
2-Chloronaphthalene			Not detected	165	Not detected	330
2-Chlorophenol			Not detected	165	Not detected	330
2-Methylnaphthalene			Not detected	165	Not detected	330
2-Methylphenol			Not detected	165	Not detected	330
2-Nitroaniline			Not detected	165	Not detected	330
2-Nitrophenol			Not detected	165	Not detected	330
3,3'-Dichlorobenzidine			Not detected	165	Not detected	330
3-Methylphenol			Not detected	165	Not detected	330
3-Nitroaniline			Not detected	165	Not detected	330
4,6-Dinitro-2-methylphenol			Not detected	165	Not detected	330
4-Bromophenyl phenyl ether			Not detected	165	Not detected	330
4-Chloro-3-methyl phenol			Not detected	165	Not detected	330
4-Chloroaniline			Not detected	165	Not detected	330
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	330
4-Methylphenol			Not detected	165	Not detected	330
4-Nitroaniline			Not detected	165	Not detected	330
4-Nitrophenol			Not detected	165	Not detected	330
Acenaphthene			Not detected	165	Not detected	330
Acenaphthylene			Not detected	165	Not detected	330
Aniline			Not detected	165	Not detected	330
Anthracene			Not detected	165	Not detected	330
Benzidine			Not detected	165	Not detected	330
Benzo(a)anthracene			Not detected	165	Not detected	330
Benzo(a)pyrene			Not detected	165	Not detected	330
Benzo(b)fluoranthene			Not detected	165	Not detected	330
Benzo(g,h,i)perylene			Not detected	165	Not detected	330
Benzo(k)fluoranthene			Not detected	165	Not detected	330
Benzyl alcohol			Not detected	165	Not detected	330
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	330
Bis(2-chloroethyl)ether			Not detected	165	Not detected	330
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	330
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	330
Butyl benzyl phthalate			Not detected	165	Not detected	330
Chrysene			Not detected	165	Not detected	330
Dibenz(a,h)anthracene			Not detected	165	Not detected	330
Dibenzofuran			Not detected	165	Not detected	330
Diethylphthalate			Not detected	165	Not detected	330
Dimethylphthalate			Not detected	165	Not detected	330
Di-n-butylphthalate			Not detected	165	Not detected	330
Di-n-octylphthalate			Not detected	165	Not detected	330
Fluoranthene			Not detected	165	Not detected	330
Fluorene			Not detected	165	Not detected	330
Hexachlorobenzene			Not detected	165	Not detected	330
Hexachlorobutadiene			Not detected	165	Not detected	330
Hexachlorocyclopentadiene			Not detected	165	Not detected	330

YORK

Client Sample ID			SB-1/5-10'		SB-2/10-12'	
York Sample ID			06050130-01		06050130-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Hexachloroethane			Not detected	165	Not detected	330
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	330
Isophorone			Not detected	165	Not detected	330
Naphthalene			Not detected	165	Not detected	330
Nitrobenzene			Not detected	165	Not detected	330
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	330
N-Nitrosodiphenylamine			Not detected	165	Not detected	330
Pentachlorophenol			Not detected	165	Not detected	330
Phenanthrene			Not detected	165	Not detected	330
Phenol			Not detected	165	Not detected	330
Pyrene			Not detected	165	Not detected	330
Pyridine			Not detected	165	Not detected	330

Client Sample ID			SB-3/5-10'		SB-4/13-15'	
York Sample ID			06050130-03		06050130-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	130
1,1,1-Trichloroethane			Not detected	10	Not detected	130
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	130
1,1,2-Trichloroethane			Not detected	10	Not detected	130
1,1-Dichloroethane			Not detected	10	Not detected	130
1,1-Dichloroethylene			Not detected	10	Not detected	130
1,1-Dichloropropylene			Not detected	10	Not detected	130
1,2,3-Trichlorobenzene			Not detected	10	Not detected	130
1,2,3-Trichloropropane			Not detected	10	Not detected	130
1,2,3-Trimethylbenzene			Not detected	10	Not detected	130
1,2,4-Trichlorobenzene			Not detected	10	Not detected	130
1,2,4-Trimethylbenzene			Not detected	10	Not detected	130
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	130
1,2-Dibromoethane			Not detected	10	Not detected	130
1,2-Dichlorobenzene			Not detected	10	Not detected	130
1,2-Dichloroethane			Not detected	10	Not detected	130
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	130
1,2-Dichloropropane			Not detected	10	Not detected	130
1,3,5-Trimethylbenzene			Not detected	10	Not detected	130
1,3-Dichlorobenzene			Not detected	10	Not detected	130
1,3-Dichloropropane			Not detected	10	Not detected	130
1,4-Dichlorobenzene			Not detected	10	Not detected	130
1-Chlorohexane			Not detected	10	Not detected	130
2,2-Dichloropropane			Not detected	10	Not detected	130
2-Chlorotoluene			Not detected	10	Not detected	130
4-Chlorotoluene			Not detected	10	Not detected	130
Benzene			Not detected	10	Not detected	130
Bromobenzene			Not detected	10	Not detected	130
Bromochloromethane			Not detected	10	Not detected	130
Bromodichloromethane			Not detected	10	Not detected	130
Bromoform			Not detected	10	Not detected	130

YORK

Client Sample ID			SB-3/5-10'		SB-4/13-15'	
York Sample ID			06050130-03		06050130-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromomethane			Not detected	10	Not detected	130
Carbon tetrachloride			Not detected	10	Not detected	130
Chlorobenzene			Not detected	10	Not detected	130
Chloroethane			Not detected	10	Not detected	130
Chloroform			Not detected	10	Not detected	130
Chloromethane			Not detected	10	Not detected	130
cis-1,3-Dichloropropylene			Not detected	10	Not detected	130
Dibromochloromethane			Not detected	10	Not detected	130
Dibromomethane			Not detected	10	Not detected	130
Dichlorodifluoromethane			Not detected	10	Not detected	130
Ethylbenzene			Not detected	10	Not detected	130
Hexachlorobutadiene			Not detected	10	Not detected	130
Isopropylbenzene			Not detected	10	Not detected	130
Methylene chloride			Not detected	10	Not detected	130
MTBE			Not detected	10	Not detected	130
Naphthalene			Not detected	10	Not detected	130
n-Butylbenzene			Not detected	10	Not detected	130
n-Propylbenzene			Not detected	10	Not detected	130
o-Xylene			Not detected	10	Not detected	130
p- & m-Xylenes			Not detected	10	Not detected	130
p-Isopropyltoluene			Not detected	10	Not detected	130
sec-Butylbenzene			Not detected	10	Not detected	130
Styrene			Not detected	10	Not detected	130
tert-Butylbenzene			Not detected	10	Not detected	130
Tetrachloroethylene			Not detected	10	Not detected	130
Toluene			Not detected	10	Not detected	130
trans-1,3-Dichloropropylene			Not detected	10	Not detected	130
Trichloroethylene			Not detected	10	Not detected	130
Trichlorofluoromethane			Not detected	10	Not detected	130
Vinyl chloride			Not detected	10	Not detected	130
BNA-8270 List	SW846-8270C	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	17000
1,2-Dichlorobenzene			Not detected	165	Not detected	17000
1,3-Dichlorobenzene			Not detected	165	Not detected	17000
1,4-Dichlorobenzene			Not detected	165	Not detected	17000
2,4,5-Trichlorophenol			Not detected	165	Not detected	17000
2,4,6-Trichlorophenol			Not detected	165	Not detected	17000
2,4-Dichlorophenol			Not detected	165	Not detected	17000
2,4-Dimethylphenol			Not detected	165	Not detected	17000
2,4-Dinitrophenol			Not detected	165	Not detected	17000
2,4-Dinitrotoluene			Not detected	165	Not detected	17000
2,6-Dinitrotoluene			Not detected	165	Not detected	17000
2-Chloronaphthalene			Not detected	165	Not detected	17000
2-Chlorophenol			Not detected	165	Not detected	17000
2-Methylnaphthalene			Not detected	165	Not detected	17000
2-Methylphenol			Not detected	165	Not detected	17000
2-Nitroaniline			Not detected	165	Not detected	17000
2-Nitrophenol			Not detected	165	Not detected	17000
3,3'-Dichlorobenzidine			Not detected	165	Not detected	17000
3-Methylphenol			Not detected	165	Not detected	17000
3-Nitroaniline			Not detected	165	Not detected	17000

YORK

Client Sample ID			SB-3/5-10'		SB-4/13-15'	
York Sample ID			06050130-03		06050130-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
4,6-Dinitro-2-methylphenol			Not detected	165	Not detected	17000
4-Bromophenyl phenyl ether			Not detected	165	Not detected	17000
4-Chloro-3-methyl phenol			Not detected	165	Not detected	17000
4-Chloroaniline			Not detected	165	Not detected	17000
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	17000
4-Methylphenol			Not detected	165	Not detected	17000
4-Nitroaniline			Not detected	165	Not detected	17000
4-Nitrophenol			Not detected	165	Not detected	17000
Acenaphthene			Not detected	165	Not detected	17000
Acenaphthylene			Not detected	165	Not detected	17000
Aniline			Not detected	165	Not detected	17000
Anthracene			Not detected	165	Not detected	17000
Benzidine			Not detected	165	Not detected	17000
Benzo(a)anthracene			Not detected	165	Not detected	17000
Benzo(a)pyrene			Not detected	165	Not detected	17000
Benzo(b)fluoranthene			Not detected	165	Not detected	17000
Benzo(g,h,i)perylene			Not detected	165	Not detected	17000
Benzo(k)fluoranthene			Not detected	165	Not detected	17000
Benzyl alcohol			Not detected	165	Not detected	17000
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	17000
Bis(2-chloroethyl)ether			Not detected	165	Not detected	17000
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	17000
Bis(2-ethylhexyl)phthalate			190	165	140000	17000
Butyl benzyl phthalate			Not detected	165	Not detected	17000
Chrysene			Not detected	165	Not detected	17000
Dibenz(a,h)anthracene			Not detected	165	Not detected	17000
Dibenzofuran			Not detected	165	Not detected	17000
Diethylphthalate			Not detected	165	Not detected	17000
Dimethylphthalate			Not detected	165	Not detected	17000
Di-n-butylphthalate			Not detected	165	Not detected	17000
Di-n-octylphthalate			Not detected	165	200000	17000
Fluoranthene			Not detected	165	Not detected	17000
Fluorene			Not detected	165	Not detected	17000
Hexachlorobenzene			Not detected	165	Not detected	17000
Hexachlorobutadiene			Not detected	165	Not detected	17000
Hexachlorocyclopentadiene			Not detected	165	Not detected	17000
Hexachloroethane			Not detected	165	Not detected	17000
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	17000
Isophorone			Not detected	165	Not detected	17000
Naphthalene			Not detected	165	Not detected	17000
Nitrobenzene			Not detected	165	Not detected	17000
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	17000
N-Nitrosodiphenylamine			Not detected	165	Not detected	17000
Pentachlorophenol			Not detected	165	Not detected	17000
Phenanthrene			Not detected	165	Not detected	17000
Phenol			Not detected	165	Not detected	17000
Pyrene			Not detected	165	Not detected	17000
Pyridine			Not detected	165	Not detected	17000

YORK

Client Sample ID			SB-5/10-12'		SB-6/14-16'	
York Sample ID			06050130-05		06050130-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	25	Not detected	130
1,1,1-Trichloroethane			Not detected	25	Not detected	130
1,1,2,2-Tetrachloroethane			Not detected	25	Not detected	130
1,1,2-Trichloroethane			Not detected	25	Not detected	130
1,1-Dichloroethane			Not detected	25	Not detected	130
1,1-Dichloroethylene			Not detected	25	Not detected	130
1,1-Dichloropropylene			Not detected	25	Not detected	130
1,2,3-Trichlorobenzene			Not detected	25	Not detected	130
1,2,3-Trichloropropane			Not detected	25	Not detected	130
1,2,3-Trimethylbenzene			Not detected	25	Not detected	130
1,2,4-Trichlorobenzene			Not detected	25	Not detected	130
1,2,4-Trimethylbenzene			260	25	Not detected	130
1,2-Dibromo-3-chloropropane			Not detected	25	Not detected	130
1,2-Dibromoethane			Not detected	25	Not detected	130
1,2-Dichlorobenzene			Not detected	25	Not detected	130
1,2-Dichloroethane			Not detected	25	Not detected	130
1,2-Dichloroethylene (Total)			Not detected	25	Not detected	130
1,2-Dichloropropane			Not detected	25	Not detected	130
1,3,5-Trimethylbenzene			100	25	Not detected	130
1,3-Dichlorobenzene			Not detected	25	Not detected	130
1,3-Dichloropropane			Not detected	25	Not detected	130
1,4-Dichlorobenzene			Not detected	25	Not detected	130
1-Chlorohexane			Not detected	25	Not detected	130
2,2-Dichloropropane			Not detected	25	Not detected	130
2-Chlorotoluene			Not detected	25	Not detected	130
4-Chlorotoluene			Not detected	25	Not detected	130
Benzene			Not detected	25	Not detected	130
Bromobenzene			Not detected	25	Not detected	130
Bromochloromethane			Not detected	25	Not detected	130
Bromodichloromethane			Not detected	25	Not detected	130
Bromoform			Not detected	25	Not detected	130
Bromomethane			Not detected	25	Not detected	130
Carbon tetrachloride			Not detected	25	Not detected	130
Chlorobenzene			Not detected	25	Not detected	130
Chloroethane			Not detected	25	Not detected	130
Chloroform			Not detected	25	Not detected	130
Chloromethane			Not detected	25	Not detected	130
cis-1,3-Dichloropropylene			Not detected	25	Not detected	130
Dibromochloromethane			Not detected	25	Not detected	130
Dibromomethane			Not detected	25	Not detected	130
Dichlorodifluoromethane			Not detected	25	Not detected	130
Ethylbenzene			Not detected	25	Not detected	130
Hexachlorobutadiene			Not detected	25	Not detected	130
Isopropylbenzene			Not detected	25	Not detected	130
Methylene chloride			Not detected	25	Not detected	130
MTBE			Not detected	25	Not detected	130
Naphthalene			70	25	Not detected	130
n-Butylbenzene			56	25	Not detected	130
n-Propylbenzene			35	25	Not detected	130
o-Xylene			Not detected	25	Not detected	130

YORK

Client Sample ID			SB-5/10-12'		SB-6/14-16'	
York Sample ID			06050130-05		06050130-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
p- & m-Xylenes			45	25	Not detected	130
p-Isopropyltoluene			37	25	Not detected	130
sec-Butylbenzene			Not detected	25	Not detected	130
Styrene			Not detected	25	Not detected	130
tert-Butylbenzene			Not detected	25	Not detected	130
Tetrachloroethylene			Not detected	25	Not detected	130
Toluene			54	25	Not detected	130
trans-1,3-Dichloropropylene			Not detected	25	Not detected	130
Trichloroethylene			Not detected	25	Not detected	130
Trichlorofluoromethane			Not detected	25	Not detected	130
Vinyl chloride			Not detected	25	Not detected	130
BNA-8270 List	SW846-8270C	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	83000	Not detected	830000
1,2-Dichlorobenzene			Not detected	83000	Not detected	830000
1,3-Dichlorobenzene			Not detected	83000	Not detected	830000
1,4-Dichlorobenzene			Not detected	83000	Not detected	830000
2,4,5-Trichlorophenol			Not detected	83000	Not detected	830000
2,4,6-Trichlorophenol			Not detected	83000	Not detected	830000
2,4-Dichlorophenol			Not detected	83000	Not detected	830000
2,4-Dimethylphenol			Not detected	83000	Not detected	830000
2,4-Dinitrophenol			Not detected	83000	Not detected	830000
2,4-Dinitrotoluene			Not detected	83000	Not detected	830000
2,6-Dinitrotoluene			Not detected	83000	Not detected	830000
2-Chloronaphthalene			Not detected	83000	Not detected	830000
2-Chlorophenol			Not detected	83000	Not detected	830000
2-Methylnaphthalene			Not detected	83000	Not detected	830000
2-Methylphenol			Not detected	83000	Not detected	830000
2-Nitroaniline			Not detected	83000	Not detected	830000
2-Nitrophenol			Not detected	83000	Not detected	830000
3,3'-Dichlorobenzidine			Not detected	83000	Not detected	830000
3-Methylphenol			Not detected	83000	Not detected	830000
3-Nitroaniline			Not detected	83000	Not detected	830000
4,6-Dinitro-2-methylphenol			Not detected	83000	Not detected	830000
4-Bromophenyl phenyl ether			Not detected	83000	Not detected	830000
4-Chloro-3-methyl phenol			Not detected	83000	Not detected	830000
4-Chloroaniline			Not detected	83000	Not detected	830000
4-Chlorophenyl phenyl ether			Not detected	83000	Not detected	830000
4-Methylphenol			Not detected	83000	Not detected	830000
4-Nitroaniline			Not detected	83000	Not detected	830000
4-Nitrophenol			Not detected	83000	Not detected	830000
Acenaphthene			Not detected	83000	Not detected	830000
Acenaphthylene			Not detected	83000	Not detected	830000
Aniline			Not detected	83000	Not detected	830000
Anthracene			Not detected	83000	Not detected	830000
Benzidine			Not detected	83000	Not detected	830000
Benzo(a)anthracene			Not detected	83000	Not detected	830000
Benzo(a)pyrene			Not detected	83000	Not detected	830000
Benzo(b)fluoranthene			Not detected	83000	Not detected	830000
Benzo(g,h,i)perylene			Not detected	83000	Not detected	830000
Benzo(k)fluoranthene			Not detected	83000	Not detected	830000
Benzyl alcohol			Not detected	83000	Not detected	830000

YORK

Client Sample ID			SB-5/10-12'		SB-6/14-16'	
York Sample ID			06050130-05		06050130-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bis(2-chloroethoxy)methane			Not detected	83000	Not detected	830000
Bis(2-chloroethyl)ether			Not detected	83000	Not detected	830000
Bis(2-chloroisopropyl)ether			Not detected	83000	Not detected	830000
Bis(2-ethylhexyl)phthalate			510000	83000	12000000	830000
Butyl benzyl phthalate			Not detected	83000	Not detected	830000
Chrysene			Not detected	83000	Not detected	830000
Dibenz(a,h)anthracene			Not detected	83000	Not detected	830000
Dibenzofuran			Not detected	83000	Not detected	830000
Diethylphthalate			Not detected	83000	Not detected	830000
Dimethylphthalate			Not detected	83000	Not detected	830000
Di-n-butylphthalate			Not detected	83000	Not detected	830000
Di-n-octylphthalate			Not detected	83000	Not detected	830000
Fluoranthene			Not detected	83000	Not detected	830000
Fluorene			Not detected	83000	Not detected	830000
Hexachlorobenzene			Not detected	83000	Not detected	830000
Hexachlorobutadiene			Not detected	83000	Not detected	830000
Hexachlorocyclopentadiene			Not detected	83000	Not detected	830000
Hexachloroethane			Not detected	83000	Not detected	830000
Indeno(1,2,3-cd)pyrene			Not detected	83000	Not detected	830000
Isophorone			Not detected	83000	Not detected	830000
Naphthalene			Not detected	83000	Not detected	830000
Nitrobenzene			Not detected	83000	Not detected	830000
N-Nitrosodi-n-propylamine			Not detected	83000	Not detected	830000
N-Nitrosodiphenylamine			Not detected	83000	Not detected	830000
Pentachlorophenol			Not detected	83000	Not detected	830000
Phenanthrene			Not detected	83000	Not detected	830000
Phenol			Not detected	83000	Not detected	830000
Pyrene			Not detected	83000	Not detected	830000
Pyridine			Not detected	83000	Not detected	830000

Client Sample ID			SB-7/11-13'	
York Sample ID			06050130-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---
1,1,1,2-Tetrachloroethane			Not detected	10
1,1,1-Trichloroethane			Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10
1,1,2-Trichloroethane			Not detected	10
1,1-Dichloroethane			Not detected	10
1,1-Dichloroethylene			Not detected	10
1,1-Dichloropropylene			Not detected	10
1,2,3-Trichlorobenzene			Not detected	10
1,2,3-Trichloropropane			Not detected	10
1,2,3-Trimethylbenzene			Not detected	10
1,2,4-Trichlorobenzene			Not detected	10
1,2,4-Trimethylbenzene			Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10
1,2-Dibromoethane			Not detected	10

YORK

Client Sample ID			SB-7/11-13'	
York Sample ID			06050130-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
1,2-Dichlorobenzene			Not detected	10
1,2-Dichloroethane			Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10
1,2-Dichloropropane			Not detected	10
1,3,5-Trimethylbenzene			Not detected	10
1,3-Dichlorobenzene			Not detected	10
1,3-Dichloropropane			Not detected	10
1,4-Dichlorobenzene			Not detected	10
1-Chlorohexane			Not detected	10
2,2-Dichloropropane			Not detected	10
2-Chlorotoluene			Not detected	10
4-Chlorotoluene			Not detected	10
Benzene			Not detected	10
Bromobenzene			Not detected	10
Bromochloromethane			Not detected	10
Bromodichloromethane			Not detected	10
Bromoform			Not detected	10
Bromomethane			Not detected	10
Carbon tetrachloride			Not detected	10
Chlorobenzene			Not detected	10
Chloroethane			Not detected	10
Chloroform			Not detected	10
Chloromethane			Not detected	10
cis-1,3-Dichloropropylene			Not detected	10
Dibromochloromethane			Not detected	10
Dibromomethane			Not detected	10
Dichlorodifluoromethane			Not detected	10
Ethylbenzene			Not detected	10
Hexachlorobutadiene			Not detected	10
Isopropylbenzene			Not detected	10
Methylene chloride			Not detected	10
MTBE			Not detected	10
Naphthalene			Not detected	10
n-Butylbenzene			Not detected	10
n-Propylbenzene			Not detected	10
o-Xylene			Not detected	10
p- & m-Xylenes			Not detected	10
p-Isopropyltoluene			Not detected	10
sec-Butylbenzene			Not detected	10
Styrene			Not detected	10
tert-Butylbenzene			Not detected	10
Tetrachloroethylene			Not detected	10
Toluene			Not detected	10
trans-1,3-Dichloropropylene			Not detected	10
Trichloroethylene			Not detected	10
Trichlorofluoromethane			Not detected	10
Vinyl chloride			Not detected	10
BNA-8270 List	SW846-8270C	ug/Kg	---	---
1,2,4-Trichlorobenzene			Not detected	330
1,2-Dichlorobenzene			Not detected	330
1,3-Dichlorobenzene			Not detected	330

YORK

Client Sample ID			SB-7/11-13'	
York Sample ID			06050130-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
1,4-Dichlorobenzene			Not detected	330
2,4,5-Trichlorophenol			Not detected	330
2,4,6-Trichlorophenol			Not detected	330
2,4-Dichlorophenol			Not detected	330
2,4-Dimethylphenol			Not detected	330
2,4-Dinitrophenol			Not detected	330
2,4-Dinitrotoluene			Not detected	330
2,6-Dinitrotoluene			Not detected	330
2-Chloronaphthalene			Not detected	330
2-Chlorophenol			Not detected	330
2-Methylnaphthalene			Not detected	330
2-Methylphenol			Not detected	330
2-Nitroaniline			Not detected	330
2-Nitrophenol			Not detected	330
3,3'-Dichlorobenzidine			Not detected	330
3-Methylphenol			Not detected	330
3-Nitroaniline			Not detected	330
4,6-Dinitro-2-methylphenol			Not detected	330
4-Bromophenyl phenyl ether			Not detected	330
4-Chloro-3-methyl phenol			Not detected	330
4-Chloroaniline			Not detected	330
4-Chlorophenyl phenyl ether			Not detected	330
4-Methylphenol			Not detected	330
4-Nitroaniline			Not detected	330
4-Nitrophenol			Not detected	330
Acenaphthene			Not detected	330
Acenaphthylene			Not detected	330
Aniline			Not detected	330
Anthracene			Not detected	330
Benzidine			Not detected	330
Benzo(a)anthracene			Not detected	330
Benzo(a)pyrene			Not detected	330
Benzo(b)fluoranthene			Not detected	330
Benzo(g,h,i)perylene			Not detected	330
Benzo(k)fluoranthene			Not detected	330
Benzyl alcohol			Not detected	330
Bis(2-chloroethoxy)methane			Not detected	330
Bis(2-chloroethyl)ether			Not detected	330
Bis(2-chloroisopropyl)ether			Not detected	330
Bis(2-ethylhexyl)phthalate			6800	330
Butyl benzyl phthalate			Not detected	330
Chrysene			Not detected	330
Dibenz(a,h)anthracene			Not detected	330
Dibenzofuran			Not detected	330
Diethylphthalate			Not detected	330
Dimethylphthalate			Not detected	330
Di-n-butylphthalate			Not detected	330
Di-n-octylphthalate			Not detected	330
Fluoranthene			Not detected	330
Fluorene			Not detected	330
Hexachlorobenzene			Not detected	330

YORK

Client Sample ID			SB-7/11-13'	
York Sample ID			06050130-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Hexachlorobutadiene			Not detected	330
Hexachlorocyclopentadiene			Not detected	330
Hexachloroethane			Not detected	330
Indeno(1,2,3-cd)pyrene			Not detected	330
Isophorone			Not detected	330
Naphthalene			Not detected	330
Nitrobenzene			Not detected	330
N-Nitrosodi-n-propylamine			Not detected	330
N-Nitrosodiphenylamine			Not detected	330
Pentachlorophenol			Not detected	330
Phenanthrene			Not detected	330
Phenol			Not detected	330
Pyrene			Not detected	330
Pyridine			Not detected	330

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. 06050130

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: 5/10/2006

YORK

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Page 2 of ___

0005070

Company Name	Report To:	Invoice To:	Project ID/No:
Advanced Site Restoration 62 William ST NY NY 10005	Steve M.	ASR	49 Dupont

Samples Collected By (Signature)

Anthony Adesso
Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
SB-1	5-10'	5/2/06		X			8260/8270 full	1 8oz 1 4oz
SB-2	10-12'			X				
SB-3	5-10'			X				
SB-4	13-15'			X				
SB-5	10-12'			X				
SB-6	14-16'			X				
SB-7	11-13'			X				

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	5/3/06 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time
Sample Received by	5301 Date/Time		
Sample Received in LAB by	Date/Time		

Comments/Special Instructions

Turn-Around Time

___Standard ___RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 6/19/2006
Re: Client Project ID: 49 Dupont St., Bklyn
York Project No.: 06060385

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: 6/19/2006
Client Project ID: 49 Dupont St., Bklyn
York Project No.: 06060385

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 06/12/06. The project was identifed as your project "49 Dupont St., Bklyn."

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			SB-8		SB-9	
York Sample ID			06060385-01		06060385-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methyl-tert-butyl ether (MTBE)			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
Total Xylenes			Not detected	10	Not detected	10

YORK

Client Sample ID			SB-8		SB-9	
York Sample ID			06060385-01		06060385-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			280	165	170	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-10		SB-11	
York Sample ID			06060385-03		06060385-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methyl-tert-butyl ether (MTBE)			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
Total Xylenes			Not detected	10	Not detected	10
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	260	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-10		SB-11	
York Sample ID			06060385-03		06060385-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

Client Sample ID			SB-12		SB-13	
York Sample ID			06060385-05		06060385-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methyl-tert-butyl ether (MTBE)			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
Total Xylenes			Not detected	10	Not detected	10
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-12		SB-13	
York Sample ID			06060385-05		06060385-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	370	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

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

YORK

Notes for York Project No. 06060385

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: 6/19/2006

YORK

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Page 1 of 1

0060385

Company Name	Report To:	Invoice To:	Project ID/No.
ASR 62 Williams St NY NY. 10005	Steve	ASR	49 Dupont St Bklyn

Samples Collected By (Signature)

Anthony Addesso
Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
SB-8	8-9'	6-9-06		X			8260 STARS 8270 BN	1 8oz / 4oz
SB-9	8-9'			Y				
SB-10	8'			Y				
SB-11	8'			X				
SB-12	9-10'			X				
SB-13	9-10'			Y				

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	6-12-06 Date/Time	Sample Received by	6/12/06 1130 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	6/12 4:45 Date/Time

Comments/Special Instructions

4.5°C

Turn-Around Time

___Standard ___RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 6/29/2006
Re: Client Project ID: 49 Dupont St., Bklyn
York Project No.: 06060758

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: 6/29/2006
Client Project ID: 49 Dupont St., Bklyn
York Project No.: 06060758

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 06/22/06. The project was identifed as your project "49 Dupont St., Bklyn."

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			**11-12' SB-14**		**12' SB-44**	
York Sample ID			**06060758-01**		**06060758-02**	
Matrix			**SOIL**		**SOIL**	
Parameter	**Method**	**Units**	**Results**	**MDL**	**Results**	**MDL**
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			11000	500	73	50
1,3,5-Trimethylbenzene			2300	500	Not detected	50
Benzene			Not detected	500	Not detected	50
Ethylbenzene			860	500	Not detected	50
Isopropylbenzene			660	500	Not detected	50
Methyl-tert-butyl ether (MTBE)			Not detected	500	Not detected	50
Naphthalene			14000	500	170	50
n-Butylbenzene			2600	500	130	50
n-Propylbenzene			1400	500	58	50
o-Xylene			650	500	Not detected	50
p- & m-Xylenes			2300	500	62	50
p-Isopropyltoluene			990	500	Not detected	50
sec-Butylbenzene			870	500	Not detected	50
tert-Butylbenzene			Not detected	500	Not detected	50
Toluene			Not detected	500	Not detected	50
Total Xylenes			2950	500	62	50
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	4100	Not detected	830000

YORK

Client Sample ID			11-12' SB-14		12' SB-44	
York Sample ID			06060758-01		06060758-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichlorobenzene			Not detected	4100	Not detected	830000
1,3-Dichlorobenzene			Not detected	4100	Not detected	830000
1,4-Dichlorobenzene			Not detected	4100	Not detected	830000
2,4-Dinitrotoluene			Not detected	4100	Not detected	830000
2,6-Dinitrotoluene			Not detected	4100	Not detected	830000
2-Chloronaphthalene			Not detected	4100	Not detected	830000
2-Methylnaphthalene			21000	4100	Not detected	830000
2-Nitroaniline			Not detected	4100	Not detected	830000
3,3'-Dichlorobenzidine			Not detected	4100	Not detected	830000
3-Nitroaniline			Not detected	4100	Not detected	830000
4-Bromophenyl phenyl ether			Not detected	4100	Not detected	830000
4-Chloroaniline			Not detected	4100	Not detected	830000
4-Chlorophenyl phenyl ether			Not detected	4100	Not detected	830000
4-Nitroaniline			Not detected	4100	Not detected	830000
Acenaphthene			Not detected	4100	Not detected	830000
Acenaphthylene			Not detected	4100	Not detected	830000
Anthracene			Not detected	4100	Not detected	830000
Benzo(a)anthracene			Not detected	4100	Not detected	830000
Benzo(a)pyrene			Not detected	4100	Not detected	830000
Benzo(b)fluoranthene			Not detected	4100	Not detected	830000
Benzo(g,h,i)perylene			Not detected	4100	Not detected	830000
Benzo(k)fluoranthene			Not detected	4100	Not detected	830000
Bis(2-chloroethoxy)methane			Not detected	4100	Not detected	830000
Bis(2-chloroethyl)ether			Not detected	4100	Not detected	830000
Bis(2-chloroisopropyl)ether			Not detected	4100	Not detected	830000
Bis(2-ethylhexyl)phthalate			Not detected	4100	20000000	830000
Butyl benzyl phthalate			Not detected	4100	Not detected	830000
Carbazole			Not detected	4100	Not detected	830000
Chrysene			Not detected	4100	Not detected	830000
Dibenzo(a,h)anthracene			Not detected	4100	Not detected	830000
Dibenzofuran			Not detected	4100	Not detected	830000
Diethylphthalate			Not detected	4100	Not detected	830000
Dimethylphthalate			Not detected	4100	Not detected	830000
Di-n-butylphthalate			Not detected	4100	Not detected	830000
Di-n-octylphthalate			Not detected	4100	Not detected	830000
Fluoranthene			Not detected	4100	Not detected	830000
Fluorene			Not detected	4100	Not detected	830000
Hexachlorobenzene			Not detected	4100	Not detected	830000
Hexachlorobutadiene			Not detected	4100	Not detected	830000
Hexachlorocyclopentadiene			Not detected	4100	Not detected	830000
Hexachloroethane			Not detected	4100	Not detected	830000
Indeno(1,2,3-cd)pyrene			Not detected	4100	Not detected	830000
Isophorone			Not detected	4100	Not detected	830000
Naphthalene			4400	4100	Not detected	830000
Nitrobenzene			Not detected	4100	Not detected	830000
N-Nitrosodi-n-propylamine			Not detected	4100	Not detected	830000
N-Nitrosodiphenylamine			Not detected	4100	Not detected	830000
Phenanthrene			7500	4100	Not detected	830000
Pyrene			Not detected	4100	Not detected	830000

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

YORK

Report Date: 6/29/2006
Client Project ID: 49 Dupont St., Bklyn
York Project No.: 06060758

Notes for York Project No. 06060758

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: 6/29/2006

YORK

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

Field Chain-of-Custody Record

0600607758

Company Name	Report To:	Invoice To:	Project ID/No.
ASR 62 William St NY NY 10005	Steve M.	ASR	49 DuPont St Bklyn

Samples Collected By (Signature)

Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
~~SB-14~~	11-12' SB-14	6/20/06		X			8270 BN	8oz
SB-14	11-12' SB-14	6/20/06		X			8260 STARS	4oz
~~SB-44~~	12' SB-44	6/21/06		X			8270 BN	8oz
~~SB-44~~	12' SB-44	6/21/06		X			8260 STARS	4oz

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	6/21/06 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time
Sample Received by	1040A Date/Time		
Sample Received in LAB by	6/22 4P Date/Time		

Comments/Special Instructions

Turn-Around Time

____Standard ____RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 6/21/2006
Re: Client Project ID: 49 Dupont St.
York Project No.: 06060481 Revised

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: 6/21/2006
Client Project ID: 49 Dupont St.
York Project No.: 06060481 R

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 06/14/06. The project was identifed as your project "49 Dupont St. ".

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			SB-15		SB-16	
York Sample ID			06060481-01		06060481-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
Acenaphthene			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-15		SB-16	
York Sample ID			06060481-01		06060481-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	300	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

Client Sample ID			SB-17		SB-18	
York Sample ID			06060481-03		06060481-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			290	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-17		SB-18	
York Sample ID			06060481-03		06060481-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
Acenaphthene			580	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			390	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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			340	165	Not detected	165
Fluorene			270	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			1500	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			710	165	Not detected	165
Pyrene			500	165	Not detected	165

Client Sample ID			SB-19		SB-20	
York Sample ID			06060481-05		06060481-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-19		SB-20	
York Sample ID			06060481-05		06060481-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-21		SB-24	
York Sample ID			06060481-07		06060481-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	1700
1,2-Dichlorobenzene			Not detected	165	Not detected	1700
1,3-Dichlorobenzene			Not detected	165	Not detected	1700
1,4-Dichlorobenzene			Not detected	165	Not detected	1700
2,4-Dinitrotoluene			Not detected	165	Not detected	1700
2,6-Dinitrotoluene			Not detected	165	Not detected	1700
2-Chloronaphthalene			Not detected	165	Not detected	1700
2-Methylnaphthalene			Not detected	165	Not detected	1700
2-Nitroaniline			Not detected	165	Not detected	1700
3,3'-Dichlorobenzidine			Not detected	165	Not detected	1700
3-Nitroaniline			Not detected	165	Not detected	1700
4-Bromophenyl phenyl ether			Not detected	165	Not detected	1700
4-Chloroaniline			Not detected	165	Not detected	1700
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	1700
4-Nitroaniline			Not detected	165	Not detected	1700
Acenaphthene			Not detected	165	Not detected	1700
Acenaphthylene			Not detected	165	Not detected	1700
Anthracene			Not detected	165	Not detected	1700
Benzo(a)anthracene			Not detected	165	Not detected	1700
Benzo(a)pyrene			Not detected	165	Not detected	1700
Benzo(b)fluoranthene			Not detected	165	Not detected	1700
Benzo(g,h,i)perylene			Not detected	165	Not detected	1700
Benzo(k)fluoranthene			Not detected	165	Not detected	1700
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	1700
Bis(2-chloroethyl)ether			Not detected	165	Not detected	1700
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	1700
Bis(2-ethylhexyl)phthalate			Not detected	165	14000	1700
Butyl benzyl phthalate			Not detected	165	Not detected	1700
Carbazole			Not detected	165	Not detected	1700
Chrysene			Not detected	165	Not detected	1700
Dibenzo(a,h)anthracene			Not detected	165	Not detected	1700
Dibenzofuran			Not detected	165	Not detected	1700
Diethylphthalate			Not detected	165	Not detected	1700
Dimethylphthalate			Not detected	165	Not detected	1700
Di-n-butylphthalate			Not detected	165	Not detected	1700
Di-n-octylphthalate			Not detected	165	16000	1700
Fluoranthene			Not detected	165	Not detected	1700
Fluorene			Not detected	165	Not detected	1700
Hexachlorobenzene			Not detected	165	Not detected	1700
Hexachlorobutadiene			Not detected	165	Not detected	1700
Hexachlorocyclopentadiene			Not detected	165	Not detected	1700
Hexachloroethane			Not detected	165	Not detected	1700
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	1700
Isophorone			Not detected	165	Not detected	1700
Naphthalene			Not detected	165	Not detected	1700
Nitrobenzene			Not detected	165	Not detected	1700
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	1700
N-Nitrosodiphenylamine			Not detected	165	Not detected	1700
Phenanthrene			Not detected	165	Not detected	1700
Pyrene			Not detected	165	Not detected	1700

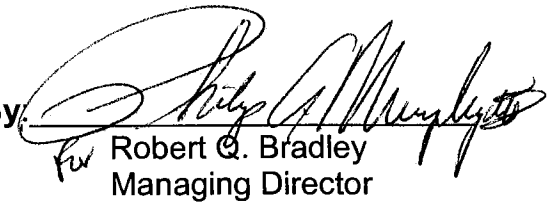
YORK

Report Date: 6/21/2006
Client Project ID: 49 Dupont St.
York Project No.: 06060481 R

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. 06060481 R

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:  **Date:** 6/21/2006

For Robert Q. Bradley
Managing Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Page 1 of 1

0600604181

Company Name	Report To:	Invoice To:	Project ID/No.
ADVANCED SITE RESTORATION 62 WILLIAM ST N.Y N.Y 10005	STEVE MULLER	A SR	49 DUPONT ST BROOKLYN NY

Efraim Vazquez
Samples Collected By (Signature)

Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	SB-15	6/13/06		X			EPA 8260 & 8270 STARS	1(80Z) 1(40Z)
	SB-16							
	SB-17							
	SB-18							
	SB-19							
	SB-20							
	SB-21							
	SB-24							

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	6/14/06 Date/Time	Sample Received by	6/14/06 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time

Comments/Special Instructions

4.2C

Turn-Around Time

X Standard ____ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 6/23/2006
Re: Client Project ID: 49 Dupont St., Bklyn, NY
York Project No.: 06060587

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: 6/23/2006
Client Project ID: 49 Dupont St., Bklyn, NY
York Project No.: 06060587

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 06/16/06. The project was identifed as your project "49 Dupont St., Bklyn, NY."

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			SB-23		SB-46	
York Sample ID			06060587-01		06060587-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methyl-tert-butyl ether (MTBE)			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
Total Xylenes			Not detected	10	Not detected	10

YORK

Client Sample ID			SB-23		SB-46	
York Sample ID			06060587-01		06060587-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			380	165	340	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			220	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			1600	165	330	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-56		SB-57	
York Sample ID			06060587-03		06060587-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	130
1,3,5-Trimethylbenzene			Not detected	10	Not detected	130
Benzene			Not detected	10	Not detected	130
Ethylbenzene			Not detected	10	Not detected	130
Isopropylbenzene			Not detected	10	Not detected	130
Methyl-tert-butyl ether (MTBE)			Not detected	10	Not detected	130
Naphthalene			Not detected	10	Not detected	130
n-Butylbenzene			Not detected	10	Not detected	130
n-Propylbenzene			Not detected	10	Not detected	130
o-Xylene			Not detected	10	Not detected	130
p- & m-Xylenes			Not detected	10	Not detected	130
p-Isopropyltoluene			Not detected	10	Not detected	130
sec-Butylbenzene			Not detected	10	Not detected	130
tert-Butylbenzene			Not detected	10	Not detected	130
Toluene			Not detected	10	Not detected	130
Total Xylenes			Not detected	10	Not detected	130
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	4100
1,2-Dichlorobenzene			Not detected	165	Not detected	4100
1,3-Dichlorobenzene			Not detected	165	Not detected	4100
1,4-Dichlorobenzene			Not detected	165	Not detected	4100
2,4-Dinitrotoluene			Not detected	165	Not detected	4100
2,6-Dinitrotoluene			Not detected	165	Not detected	4100
2-Chloronaphthalene			Not detected	165	Not detected	4100
2-Methylnaphthalene			Not detected	165	Not detected	4100
2-Nitroaniline			Not detected	165	Not detected	4100
3,3'-Dichlorobenzidine			Not detected	165	Not detected	4100
3-Nitroaniline			Not detected	165	Not detected	4100
4-Bromophenyl phenyl ether			Not detected	165	Not detected	4100
4-Chloroaniline			Not detected	165	Not detected	4100
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	4100
4-Nitroaniline			Not detected	165	Not detected	4100
Acenaphthene			Not detected	165	Not detected	4100
Acenaphthylene			Not detected	165	Not detected	4100
Anthracene			Not detected	165	Not detected	4100
Benzo(a)anthracene			Not detected	165	Not detected	4100
Benzo(a)pyrene			Not detected	165	Not detected	4100
Benzo(b)fluoranthene			Not detected	165	Not detected	4100
Benzo(g,h,i)perylene			Not detected	165	Not detected	4100
Benzo(k)fluoranthene			Not detected	165	Not detected	4100
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	4100
Bis(2-chloroethyl)ether			Not detected	165	Not detected	4100
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	4100
Bis(2-ethylhexyl)phthalate			Not detected	165	52000	4100
Butyl benzyl phthalate			Not detected	165	Not detected	4100
Carbazole			Not detected	165	Not detected	4100
Chrysene			Not detected	165	Not detected	4100
Dibenzo(a,h)anthracene			Not detected	165	Not detected	4100
Dibenzofuran			Not detected	165	Not detected	4100

YORK

Client Sample ID			SB-56		SB-57	
York Sample ID			06060587-03		06060587-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Diethylphthalate			Not detected	165	Not detected	4100
Dimethylphthalate			Not detected	165	Not detected	4100
Di-n-butylphthalate			Not detected	165	Not detected	4100
Di-n-octylphthalate			Not detected	165	6800	4100
Fluoranthene			Not detected	165	Not detected	4100
Fluorene			Not detected	165	Not detected	4100
Hexachlorobenzene			Not detected	165	Not detected	4100
Hexachlorobutadiene			Not detected	165	Not detected	4100
Hexachlorocyclopentadiene			Not detected	165	Not detected	4100
Hexachloroethane			Not detected	165	Not detected	4100
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	4100
Isophorone			Not detected	165	Not detected	4100
Naphthalene			Not detected	165	Not detected	4100
Nitrobenzene			Not detected	165	Not detected	4100
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	4100
N-Nitrosodiphenylamine			Not detected	165	Not detected	4100
Phenanthrene			Not detected	165	Not detected	4100
Pyrene			Not detected	165	Not detected	4100

Client Sample ID			SB-58		SB-59	
York Sample ID			06060587-05		06060587-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methyl-tert-butyl ether (MTBE)			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
Total Xylenes			Not detected	10	Not detected	10
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-58		SB-59	
York Sample ID			06060587-05		06060587-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			320	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

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

YORK

Notes for York Project No. 06060587

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: for Robert Q. Bradley
Managing Director

Date: 6/23/2006

YORK

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Page 1 of 1

06060587

Company Name	Report To:	Invoice To:	Project ID/No.	
A S R 62 WILLIAM ST NY NY 10005	STEVE MULLER	A S R	49 DUPONT ST BKLYN N.Y.	E. Vazquez Samples Collected By (Signature) E. VAZQUEZ Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	SB-23	6/14/06		X			8260C EPA ~~8260B~~ & 8270 STARS	1(4oz) 1(8oz)
	SB-46							
	SB-56							
	SB-57							
	SB-58							
	SB-59							

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	E. Vazquez Sample Relinquished by	6/16/06 Date/Time	61606 Sample Received by	1145 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	6/16 945 Date/Time

Comments/Special Instructions

4.2 C

Turn-Around Time

X Standard ___ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 6/26/2006
Re: Client Project ID: 49 Dupont St.
York Project No.: 06060636

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: 6/26/2006
Client Project ID: 49 Dupont St.
York Project No.: 06060636

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 06/19/06. The project was identifed as your project "49 Dupont St. ".

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			SB-32		SB-34	
York Sample ID			06060636-01		06060636-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	74	10
1,3,5-Trimethylbenzene			Not detected	10	30	10
Benzene			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methyl-tert-butyl ether (MTBE)			Not detected	10	Not detected	10
Naphthalene			Not detected	10	28	10
n-Butylbenzene			Not detected	10	25	10
n-Propylbenzene			Not detected	10	10	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	11	10
sec-Butylbenzene			Not detected	10	12	10
tert-Butylbenzene			Not detected	10	Not detected	10
Toluene			Not detected	10	27	10
Total Xylenes			Not detected	10	Not detected	10

YORK

Client Sample ID			SB-32		SB-34	
York Sample ID			06060636-01		06060636-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	17000
1,2-Dichlorobenzene			Not detected	165	Not detected	17000
1,3-Dichlorobenzene			Not detected	165	Not detected	17000
1,4-Dichlorobenzene			Not detected	165	Not detected	17000
2,4-Dinitrotoluene			Not detected	165	Not detected	17000
2,6-Dinitrotoluene			Not detected	165	Not detected	17000
2-Chloronaphthalene			Not detected	165	Not detected	17000
2-Methylnaphthalene			Not detected	165	Not detected	17000
2-Nitroaniline			Not detected	165	Not detected	17000
3,3'-Dichlorobenzidine			Not detected	165	Not detected	17000
3-Nitroaniline			Not detected	165	Not detected	17000
4-Bromophenyl phenyl ether			Not detected	165	Not detected	17000
4-Chloroaniline			Not detected	165	Not detected	17000
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	17000
4-Nitroaniline			Not detected	165	Not detected	17000
Acenaphthene			Not detected	165	Not detected	17000
Acenaphthylene			Not detected	165	Not detected	17000
Anthracene			Not detected	165	Not detected	17000
Benzo(a)anthracene			Not detected	165	Not detected	17000
Benzo(a)pyrene			Not detected	165	Not detected	17000
Benzo(b)fluoranthene			Not detected	165	Not detected	17000
Benzo(g,h,i)perylene			Not detected	165	Not detected	17000
Benzo(k)fluoranthene			Not detected	165	Not detected	17000
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	17000
Bis(2-chloroethyl)ether			Not detected	165	Not detected	17000
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	17000
Bis(2-ethylhexyl)phthalate			1500	165	610000	17000
Butyl benzyl phthalate			Not detected	165	Not detected	17000
Carbazole			Not detected	165	Not detected	17000
Chrysene			Not detected	165	Not detected	17000
Dibenzo(a,h)anthracene			Not detected	165	Not detected	17000
Dibenzofuran			Not detected	165	Not detected	17000
Diethylphthalate			Not detected	165	Not detected	17000
Dimethylphthalate			Not detected	165	Not detected	17000
Di-n-butylphthalate			Not detected	165	Not detected	17000
Di-n-octylphthalate			Not detected	165	41000	17000
Fluoranthene			Not detected	165	Not detected	17000
Fluorene			Not detected	165	Not detected	17000
Hexachlorobenzene			Not detected	165	Not detected	17000
Hexachlorobutadiene			Not detected	165	Not detected	17000
Hexachlorocyclopentadiene			Not detected	165	Not detected	17000
Hexachloroethane			Not detected	165	Not detected	17000
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	17000
Isophorone			Not detected	165	Not detected	17000
Naphthalene			Not detected	165	Not detected	17000
Nitrobenzene			Not detected	165	Not detected	17000
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	17000
N-Nitrosodiphenylamine			Not detected	165	Not detected	17000
Phenanthrene			Not detected	165	Not detected	17000
Pyrene			Not detected	165	Not detected	17000

YORK

Client Sample ID			SB-36		SB-37	
York Sample ID			06060636-03		06060636-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	130
1,3,5-Trimethylbenzene			Not detected	10	Not detected	130
Benzene			Not detected	10	Not detected	130
Ethylbenzene			Not detected	10	Not detected	130
Isopropylbenzene			Not detected	10	Not detected	130
Methyl-tert-butyl ether (MTBE)			Not detected	10	Not detected	130
Naphthalene			Not detected	10	Not detected	130
n-Butylbenzene			Not detected	10	Not detected	130
n-Propylbenzene			Not detected	10	Not detected	130
o-Xylene			Not detected	10	Not detected	130
p- & m-Xylenes			Not detected	10	Not detected	130
p-Isopropyltoluene			Not detected	10	Not detected	130
sec-Butylbenzene			Not detected	10	Not detected	130
tert-Butylbenzene			Not detected	10	Not detected	130
Toluene			Not detected	10	Not detected	130
Total Xylenes			Not detected	10	Not detected	130
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	4100
1,2-Dichlorobenzene			Not detected	165	Not detected	4100
1,3-Dichlorobenzene			Not detected	165	Not detected	4100
1,4-Dichlorobenzene			Not detected	165	Not detected	4100
2,4-Dinitrotoluene			Not detected	165	Not detected	4100
2,6-Dinitrotoluene			Not detected	165	Not detected	4100
2-Chloronaphthalene			Not detected	165	Not detected	4100
2-Methylnaphthalene			Not detected	165	Not detected	4100
2-Nitroaniline			Not detected	165	Not detected	4100
3,3'-Dichlorobenzidine			Not detected	165	Not detected	4100
3-Nitroaniline			Not detected	165	Not detected	4100
4-Bromophenyl phenyl ether			Not detected	165	Not detected	4100
4-Chloroaniline			Not detected	165	Not detected	4100
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	4100
4-Nitroaniline			Not detected	165	Not detected	4100
Acenaphthene			Not detected	165	Not detected	4100
Acenaphthylene			Not detected	165	Not detected	4100
Anthracene			Not detected	165	Not detected	4100
Benzo(a)anthracene			Not detected	165	Not detected	4100
Benzo(a)pyrene			Not detected	165	Not detected	4100
Benzo(b)fluoranthene			Not detected	165	Not detected	4100
Benzo(g,h,i)perylene			Not detected	165	Not detected	4100
Benzo(k)fluoranthene			Not detected	165	Not detected	4100
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	4100
Bis(2-chloroethyl)ether			Not detected	165	Not detected	4100
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	4100
Bis(2-ethylhexyl)phthalate			Not detected	165	100000	4100
Butyl benzyl phthalate			Not detected	165	Not detected	4100
Carbazole			Not detected	165	Not detected	4100
Chrysene			Not detected	165	Not detected	4100
Dibenzo(a,h)anthracene			Not detected	165	Not detected	4100

YORK

Client Sample ID			SB-36		SB-37	
York Sample ID			06060636-03		06060636-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Dibenzofuran			Not detected	165	Not detected	4100
Diethylphthalate			Not detected	165	Not detected	4100
Dimethylphthalate			Not detected	165	Not detected	4100
Di-n-butylphthalate			Not detected	165	Not detected	4100
Di-n-octylphthalate			1200	165	8300	4100
Fluoranthene			Not detected	165	Not detected	4100
Fluorene			Not detected	165	Not detected	4100
Hexachlorobenzene			Not detected	165	Not detected	4100
Hexachlorobutadiene			Not detected	165	Not detected	4100
Hexachlorocyclopentadiene			Not detected	165	Not detected	4100
Hexachloroethane			Not detected	165	Not detected	4100
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	4100
Isophorone			Not detected	165	Not detected	4100
Naphthalene			Not detected	165	Not detected	4100
Nitrobenzene			Not detected	165	Not detected	4100
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	4100
N-Nitrosodiphenylamine			Not detected	165	Not detected	4100
Phenanthrene			Not detected	165	Not detected	4100
Pyrene			Not detected	165	Not detected	4100

Client Sample ID			SB-38A		SB-38B	
York Sample ID			06060636-05		06060636-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	130	Not detected	25
1,3,5-Trimethylbenzene			Not detected	130	Not detected	25
Benzene			Not detected	130	Not detected	25
Ethylbenzene			Not detected	130	Not detected	25
Isopropylbenzene			Not detected	130	Not detected	25
Methyl-tert-butyl ether (MTBE)			Not detected	130	Not detected	25
Naphthalene			Not detected	130	Not detected	25
n-Butylbenzene			Not detected	130	Not detected	25
n-Propylbenzene			Not detected	130	Not detected	25
o-Xylene			Not detected	130	Not detected	25
p- & m-Xylenes			Not detected	130	Not detected	25
p-Isopropyltoluene			Not detected	130	Not detected	25
sec-Butylbenzene			Not detected	130	Not detected	25
tert-Butylbenzene			Not detected	130	Not detected	25
Toluene			Not detected	130	Not detected	25
Total Xylenes			Not detected	130	Not detected	25
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-38A		SB-38B	
York Sample ID			06060636-05		06060636-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			3500	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	1000	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

YORK

Client Sample ID			SB-39	
York Sample ID			06060636-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---
1,2,4-Trimethylbenzene			Not detected	130
1,3,5-Trimethylbenzene			Not detected	130
Benzene			Not detected	130
Ethylbenzene			Not detected	130
Isopropylbenzene			190	130
Methyl-tert-butyl ether (MTBE)			Not detected	130
Naphthalene			Not detected	130
n-Butylbenzene			930	130
n-Propylbenzene			740	130
o-Xylene			Not detected	130
p- & m-Xylenes			Not detected	130
p-Isopropyltoluene			210	130
sec-Butylbenzene			400	130
tert-Butylbenzene			Not detected	130
Toluene			Not detected	130
Total Xylenes			Not detected	130
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---
1,2,4-Trichlorobenzene			Not detected	8300
1,2-Dichlorobenzene			Not detected	8300
1,3-Dichlorobenzene			Not detected	8300
1,4-Dichlorobenzene			Not detected	8300
2,4-Dinitrotoluene			Not detected	8300
2,6-Dinitrotoluene			Not detected	8300
2-Chloronaphthalene			Not detected	8300
2-Methylnaphthalene			8600	8300
2-Nitroaniline			Not detected	8300
3,3'-Dichlorobenzidine			Not detected	8300
3-Nitroaniline			Not detected	8300
4-Bromophenyl phenyl ether			Not detected	8300
4-Chloroaniline			Not detected	8300
4-Chlorophenyl phenyl ether			Not detected	8300
4-Nitroaniline			Not detected	8300
Acenaphthene			13000	8300
Acenaphthylene			Not detected	8300
Anthracene			25000	8300
Benzo(a)anthracene			44000	8300
Benzo(a)pyrene			33000	8300
Benzo(b)fluoranthene			26000	8300
Benzo(g,h,i)perylene			8600	8300
Benzo(k)fluoranthene			32000	8300
Bis(2-chloroethoxy)methane			Not detected	8300
Bis(2-chloroethyl)ether			Not detected	8300
Bis(2-chloroisopropyl)ether			Not detected	8300
Bis(2-ethylhexyl)phthalate			Not detected	8300
Butyl benzyl phthalate			Not detected	8300
Carbazole			Not detected	8300
Chrysene			48000	8300
Dibenzo(a,h)anthracene			Not detected	8300

YORK

Client Sample ID			SB-39	
York Sample ID			06060636-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Dibenzofuran			10000	8300
Diethylphthalate			Not detected	8300
Dimethylphthalate			Not detected	8300
Di-n-butylphthalate			Not detected	8300
Di-n-octylphthalate			Not detected	8300
Fluoranthene			88000	8300
Fluorene			17000	8300
Hexachlorobenzene			Not detected	8300
Hexachlorobutadiene			Not detected	8300
Hexachlorocyclopentadiene			Not detected	8300
Hexachloroethane			Not detected	8300
Indeno(1,2,3-cd)pyrene			10000	8300
Isophorone			Not detected	8300
Naphthalene			12000	8300
Nitrobenzene			Not detected	8300
N-Nitrosodi-n-propylamine			Not detected	8300
N-Nitrosodiphenylamine			Not detected	8300
Phenanthrene			86000	8300
Pyrene			80000	8300

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. 06060636

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: 6/26/2006

YORK

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ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

06060636

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature) / Name (Printed)
ASR 62 WILLIAMS ST N.Y N.Y 10005	STEVE MULLER	ASR	49 DUPONT ST BKLYN N.Y	E. Vazquez E. VAZQUEZ

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	SB-32	6-16-06		X			EPA 8260 + 8270 STARS	1(4oz) 1(8oz)
	SB-34							
	SB-36							
	SB-37							
	SB-38A							
	SB-38B							
	SB-39							

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	Date/Time	Sample Received by	Date/Time
				[signature] 6/9/06	1130A
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time
				[signature]	6/19 5:00

4.2°C

Turn-Around Time

X Standard ____ RUSH(define) ____

Comments/Special Instructions

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 8/1/2006
Re: Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070643

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: 8/1/2006
Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070643

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 07/24/06. The project was identifed as your project "49 Dupont St., Brooklyn, NY ".

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			MW-5 4-9'		MW-6 5-10'	
York Sample ID			06070643-01		06070643-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	25
1,3,5-Trimethylbenzene			Not detected	10	Not detected	25
Benzene			Not detected	2.0	Not detected	5.0
Ethylbenzene			Not detected	10	Not detected	25
Isopropylbenzene			Not detected	10	Not detected	25
Methyl-tert-butyl ether			Not detected	10	Not detected	25
Naphthalene			Not detected	10	Not detected	25
n-Butylbenzene			Not detected	10	Not detected	25
n-Propylbenzene			Not detected	10	Not detected	25
o-Xylene			Not detected	10	Not detected	25
p- & m- Xylenes			Not detected	10	Not detected	25
p-Isopropyltoluene			Not detected	10	Not detected	25
sec-Butylbenzene			Not detected	10	31	25
tert-Butylbenzene			Not detected	10	Not detected	25
Toluene			Not detected	10	Not detected	25

YORK

Client Sample ID			MW-5 4-9'		MW-6 5-10'	
York Sample ID			06070643-01		06070643-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	830000
1,2-Dichlorobenzene			Not detected	165	Not detected	830000
1,3-Dichlorobenzene			Not detected	165	Not detected	830000
1,4-Dichlorobenzene			Not detected	165	Not detected	830000
2,4-Dinitrotoluene			Not detected	165	Not detected	830000
2,6-Dinitrotoluene			Not detected	165	Not detected	830000
2-Chloronaphthalene			Not detected	165	Not detected	830000
2-Methylnaphthalene			Not detected	165	Not detected	830000
2-Nitroaniline			Not detected	165	Not detected	830000
3,3'-Dichlorobenzidine			Not detected	165	Not detected	830000
3-Nitroaniline			Not detected	165	Not detected	830000
4-Bromophenyl phenyl ether			Not detected	165	Not detected	830000
4-Chloroaniline			Not detected	165	Not detected	830000
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	830000
4-Nitroaniline			Not detected	165	Not detected	830000
Acenaphthene			Not detected	165	Not detected	830000
Acenaphthylene			Not detected	165	Not detected	830000
Anthracene			Not detected	165	Not detected	830000
Benzo(a)anthracene			Not detected	165	Not detected	830000
Benzo(a)pyrene			Not detected	165	Not detected	830000
Benzo(b)fluoranthene			Not detected	165	Not detected	830000
Benzo(g,h,i)perylene			Not detected	165	Not detected	830000
Benzo(k)fluoranthene			Not detected	165	Not detected	830000
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	830000
Bis(2-chloroethyl)ether			Not detected	165	Not detected	830000
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	830000
Bis(2-ethylhexyl)phthalate			Not detected	165	9500000	830000
Butyl benzyl phthalate			Not detected	165	Not detected	830000
Carbazole			Not detected	165	Not detected	830000
Chrysene			Not detected	165	Not detected	830000
Dibenzo(a,h)anthracene			Not detected	165	Not detected	830000
Dibenzofuran			Not detected	165	Not detected	830000
Diethylphthalate			Not detected	165	Not detected	830000
Dimethylphthalate			Not detected	165	Not detected	830000
Di-n-butylphthalate			Not detected	165	Not detected	830000
Di-n-octylphthalate			Not detected	165	Not detected	830000
Fluoranthene			Not detected	165	Not detected	830000
Fluorene			Not detected	165	Not detected	830000
Hexachlorobenzene			Not detected	165	Not detected	830000
Hexachlorobutadiene			Not detected	165	Not detected	830000
Hexachlorocyclopentadiene			Not detected	165	Not detected	830000
Hexachloroethane			Not detected	165	Not detected	830000
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	830000

YORK

Client Sample ID			MW-5 4-9'		MW-6 5-10'	
York Sample ID			06070643-01		06070643-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Isophorone			Not detected	165	Not detected	830000
Naphthalene			Not detected	165	Not detected	830000
Nitrobenzene			Not detected	165	Not detected	830000
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	830000
N-Nitrosodiphenylamine			Not detected	165	Not detected	830000
Phenanthrene			Not detected	165	Not detected	830000
Pyrene			Not detected	165	Not detected	830000

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. 06070643

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: 8/1/2006

YORK

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

06070643

Field Chain-of-Custody Record

Page ___ of ___

Company Name	Report To:	Invoice To:	Project ID/No.	
ASR 62 William ST NY NY 10005	ASR Steve Muller	ASR	49 Dupont ST. BKLYN NY	ANTHONY ADESSO Samples Collected By (Signature) [signature] Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	MW-5 4'-9'	7/20/06		X			8260 STARS 8270 BN	1 8oz 1 4oz
	MW-6 5'-10'	7/20/06		X			8260 STARS 8270 BN	1 8oz 1 4oz

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	[signature] Sample Relinquished by	7/21/06 Date/Time 9:00 AM	[signature] Sample Received by	7/21/06 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	[signature] Sample Received in LAB by	7/24 4:00 Date/Time

Comments/Special Instructions

4/2 C

Turn-Around Time

___Standard ___RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 8/1/2006
Re: Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070644

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: 8/1/2006
Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070644

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 07/24/06. The project was identifed as your project "49 Dupont St., Brooklyn, NY ".

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			MW-5 10-15'		MW-6 10-15'	
York Sample ID			06070644-01		06070644-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			420	130	540	130
1,3,5-Trimethylbenzene			Not detected	130	220	130
Benzene			Not detected	25	Not detected	25
Ethylbenzene			Not detected	130	Not detected	130
Isopropylbenzene			Not detected	130	Not detected	130
Methyl-tert-butyl ether			Not detected	130	Not detected	130
Naphthalene			220	130	Not detected	130
n-Butylbenzene			Not detected	130	Not detected	130
n-Propylbenzene			Not detected	130	Not detected	130
o-Xylene			Not detected	130	Not detected	130
p- & m- Xylenes			Not detected	130	Not detected	130
p-Isopropyltoluene			Not detected	130	Not detected	130
sec-Butylbenzene			Not detected	130	Not detected	130
tert-Butylbenzene			Not detected	130	Not detected	130
Toluene			Not detected	130	Not detected	130

YORK

Client Sample ID			MW-5 10-15'		MW-6 10-15'	
York Sample ID			06070644-01		06070644-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	410000	Not detected	83000
1,2-Dichlorobenzene			Not detected	410000	Not detected	83000
1,3-Dichlorobenzene			Not detected	410000	Not detected	83000
1,4-Dichlorobenzene			Not detected	410000	Not detected	83000
2,4-Dinitrotoluene			Not detected	410000	Not detected	83000
2,6-Dinitrotoluene			Not detected	410000	Not detected	83000
2-Chloronaphthalene			Not detected	410000	Not detected	83000
2-Methylnaphthalene			Not detected	410000	Not detected	83000
2-Nitroaniline			Not detected	410000	Not detected	83000
3,3'-Dichlorobenzidine			Not detected	410000	Not detected	83000
3-Nitroaniline			Not detected	410000	Not detected	83000
4-Bromophenyl phenyl ether			Not detected	410000	Not detected	83000
4-Chloroaniline			Not detected	410000	Not detected	83000
4-Chlorophenyl phenyl ether			Not detected	410000	Not detected	83000
4-Nitroaniline			Not detected	410000	Not detected	83000
Acenaphthene			Not detected	410000	Not detected	83000
Acenaphthylene			Not detected	410000	Not detected	83000
Anthracene			Not detected	410000	Not detected	83000
Benzo(a)anthracene			Not detected	410000	Not detected	83000
Benzo(a)pyrene			Not detected	410000	Not detected	83000
Benzo(b)fluoranthene			Not detected	410000	Not detected	83000
Benzo(g,h,i)perylene			Not detected	410000	Not detected	83000
Benzo(k)fluoranthene			Not detected	410000	Not detected	83000
Bis(2-chloroethoxy)methane			Not detected	410000	Not detected	83000
Bis(2-chloroethyl)ether			Not detected	410000	Not detected	83000
Bis(2-chloroisopropyl)ether			Not detected	410000	Not detected	83000
Bis(2-ethylhexyl)phthalate			6700000	410000	1900000	83000
Butyl benzyl phthalate			Not detected	410000	Not detected	83000
Carbazole			Not detected	410000	Not detected	83000
Chrysene			Not detected	410000	Not detected	83000
Dibenzo(a,h)anthracene			Not detected	410000	Not detected	83000
Dibenzofuran			Not detected	410000	Not detected	83000
Diethylphthalate			Not detected	410000	Not detected	83000
Dimethylphthalate			Not detected	410000	Not detected	83000
Di-n-butylphthalate			Not detected	410000	Not detected	83000
Di-n-octylphthalate			1300000	410000	180000	83000
Fluoranthene			Not detected	410000	Not detected	83000
Fluorene			Not detected	410000	Not detected	83000
Hexachlorobenzene			Not detected	410000	Not detected	83000
Hexachlorobutadiene			Not detected	410000	Not detected	83000
Hexachlorocyclopentadiene			Not detected	410000	Not detected	83000

YORK

Client Sample ID			MW-5 10-15'		MW-6 10-15'	
York Sample ID			06070644-01		06070644-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Hexachloroethane			Not detected	410000	Not detected	83000
Indeno(1,2,3-cd)pyrene			Not detected	410000	Not detected	83000
Isophorone			Not detected	410000	Not detected	83000
Naphthalene			Not detected	410000	Not detected	83000
Nitrobenzene			Not detected	410000	Not detected	83000
N-Nitrosodi-n-propylamine			Not detected	410000	Not detected	83000
N-Nitrosodiphenylamine			Not detected	410000	Not detected	83000
Phenanthrene			Not detected	410000	Not detected	83000
Pyrene			Not detected	410000	Not detected	83000

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. 06070644

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: 8/1/2006

YORK

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Q001004 Page ___ of ___

Company Name	Report To:	Invoice To:	Project ID/No.	
ASR 62 William ST NY, NY. 10005	Steve Muller	ASR	49 Dupont ST Bklyn NY	Anthony Adesso Samples Collected By (Signature) Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	MW-5 4'-9' *	7/20/06		X			8260 STARS 8270 BN	1 8oz 1 4oz
	MW-6 10'-15'	7/20/06		X			8260 STARS 8270 BN.	1 8oz 1 4oz
	* 10'-15' (b)							

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	7/21/06 Date/Time	Sample Received by	Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	7/24 4pm Date/Time

Comments/Special Instructions

4.2°C

Turn-Around Time

____Standard ____RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 7/31/2006
Re: Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070642

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: 7/31/2006
Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070642

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 07/24/06. The project was identifed as your project "49 Dupont St., Booklyn, NY ".

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			MW-7@5-10'		MW-8@5-10'	
York Sample ID			06070642-01		06070642-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
Benzene			Not detected	2.0	Not detected	2.0
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methyl-tert-butyl ether			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m- Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10

YORK

Client Sample ID			MW-7@5-10'		MW-8@5-10'	
York Sample ID			06070642-01		06070642-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			3600	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

YORK

Client Sample ID			MW-9@5-10'		MW-10@5-10'	
York Sample ID			06070642-03		06070642-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	500	Not detected	10
1,3,5-Trimethylbenzene			Not detected	500	Not detected	10
Benzene			Not detected	100	Not detected	2.0
Ethylbenzene			Not detected	500	Not detected	10
Isopropylbenzene			Not detected	500	Not detected	10
Methyl-tert-butyl ether			Not detected	500	Not detected	10
Naphthalene			4400	500	Not detected	10
n-Butylbenzene			1100	500	Not detected	10
n-Propylbenzene			850	500	Not detected	10
o-Xylene			Not detected	500	Not detected	10
p- & m- Xylenes			Not detected	500	Not detected	10
p-Isopropyltoluene			Not detected	500	Not detected	10
sec-Butylbenzene			720	500	Not detected	10
tert-Butylbenzene			Not detected	500	Not detected	10
Toluene			Not detected	500	Not detected	10
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	4100	Not detected	165
1,2-Dichlorobenzene			Not detected	4100	Not detected	165
1,3-Dichlorobenzene			Not detected	4100	Not detected	165
1,4-Dichlorobenzene			Not detected	4100	Not detected	165
2,4-Dinitrotoluene			Not detected	4100	Not detected	165
2,6-Dinitrotoluene			Not detected	4100	Not detected	165
2-Chloronaphthalene			Not detected	4100	Not detected	165
2-Methylnaphthalene			Not detected	4100	Not detected	165
2-Nitroaniline			Not detected	4100	Not detected	165
3,3'-Dichlorobenzidine			Not detected	4100	Not detected	165
3-Nitroaniline			Not detected	4100	Not detected	165
4-Bromophenyl phenyl ether			Not detected	4100	Not detected	165
4-Chloroaniline			Not detected	4100	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	4100	Not detected	165
4-Nitroaniline			Not detected	4100	Not detected	165
Acenaphthene			Not detected	4100	Not detected	165
Acenaphthylene			Not detected	4100	Not detected	165
Anthracene			Not detected	4100	Not detected	165
Benzo(a)anthracene			Not detected	4100	Not detected	165
Benzo(a)pyrene			Not detected	4100	Not detected	165
Benzo(b)fluoranthene			Not detected	4100	Not detected	165
Benzo(g,h,i)perylene			Not detected	4100	Not detected	165
Benzo(k)fluoranthene			Not detected	4100	Not detected	165
Bis(2-chloroethoxy)methane			Not detected	4100	Not detected	165
Bis(2-chloroethyl)ether			Not detected	4100	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	4100	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	4100	Not detected	165
Butyl benzyl phthalate			Not detected	4100	Not detected	165
Carbazole			Not detected	4100	Not detected	165
Chrysene			Not detected	4100	Not detected	165
Dibenzo(a,h)anthracene			Not detected	4100	Not detected	165
Dibenzofuran			Not detected	4100	Not detected	165

YORK

Client Sample ID			MW-9@5-10'		MW-10@5-10'	
York Sample ID			06070642-03		06070642-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Diethylphthalate			Not detected	4100	Not detected	165
Dimethylphthalate			Not detected	4100	Not detected	165
Di-n-butylphthalate			Not detected	4100	Not detected	165
Di-n-octylphthalate			Not detected	4100	Not detected	165
Fluoranthene			Not detected	4100	Not detected	165
Fluorene			Not detected	4100	Not detected	165
Hexachlorobenzene			Not detected	4100	Not detected	165
Hexachlorobutadiene			Not detected	4100	Not detected	165
Hexachlorocyclopentadiene			Not detected	4100	Not detected	165
Hexachloroethane			Not detected	4100	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	4100	Not detected	165
Isophorone			Not detected	4100	Not detected	165
Naphthalene			Not detected	4100	Not detected	165
Nitrobenzene			Not detected	4100	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	4100	Not detected	165
N-Nitrosodiphenylamine			Not detected	4100	Not detected	165
Phenanthrene			5600	4100	Not detected	165
Pyrene			Not detected	4100	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. 06070642

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: 7/31/2006

YORK

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ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Page 1 of 1

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature)
ASR	STEVE MULLER	ASR	49 DUPONT ST BKLYN NY	E. VAZQUEZ (Name Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	MW-7@5' TO 10'	7/21/06		X			EPA 8260 STARS	4 oz
	MW-7@5' - 10'	7/21/06		X			EPA 8270 BN	8 oz
	MW-8@5'-10'	7/21/06		X			EPA 8260 STARS	4 oz
	MW-8@5'-10'	7/21/06		X			EPA 8270 BN	8 oz
	MW-9@5'-10'	7/21/06		X			EPA 8260 STARS	4 oz
	MW-9@5'-10'	7/21/06		X			EPA 8270 BN	8 oz
	MW-10@5'-10'	7/21/06		X			EPA 8260 STARS	4 oz
	MW-10@5'-10'	7/21/06		X			EPA 8270 BN	8 oz

Chain-of-Custody Record

	Date/Time		Date/Time		Date/Time
Bottles Relinquished from Lab by		E. Vazquez (Sample Relinquished by)	7/24/06	(Sample Received by)	
Bottles Received in Field by		Sample Relinquished by		Sample Received in LAB by	7/24 1000

Comments/Special Instructions

4.2 C

Turn-Around Time

X Standard ___ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 7/31/2006
Re: Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070645

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: 7/31/2006
Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070645

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 07/24/06. The project was identifed as your project "49 Dupont St., Brooklyn, NY ".

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			MW-7@10-15'		MW-8@10-15'	
York Sample ID			06070645-01		06070645-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			35	25	Not detected	10
1,3,5-Trimethylbenzene			Not detected	25	Not detected	10
Benzene			Not detected	5.0	Not detected	2.0
Ethylbenzene			Not detected	25	Not detected	10
Isopropylbenzene			Not detected	25	Not detected	10
Methyl-tert-butyl ether			Not detected	25	Not detected	10
Naphthalene			Not detected	25	Not detected	10
n-Butylbenzene			Not detected	25	Not detected	10
n-Propylbenzene			Not detected	25	Not detected	10
o-Xylene			Not detected	25	Not detected	10
p- & m- Xylenes			36	25	Not detected	10
p-Isopropyltoluene			Not detected	25	Not detected	10
sec-Butylbenzene			Not detected	25	Not detected	10
tert-Butylbenzene			Not detected	25	Not detected	10

YORK

Client Sample ID			MW-7@10-15'		MW-8@10-15'	
York Sample ID			06070645-01		06070645-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Toluene			33	.25	Not detected	10
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	170000	Not detected	830
1,2-Dichlorobenzene			Not detected	170000	Not detected	830
1,3-Dichlorobenzene			Not detected	170000	Not detected	830
1,4-Dichlorobenzene			Not detected	170000	Not detected	830
2,4-Dinitrotoluene			Not detected	170000	Not detected	830
2,6-Dinitrotoluene			Not detected	170000	Not detected	830
2-Chloronaphthalene			Not detected	170000	Not detected	830
2-Methylnaphthalene			Not detected	170000	Not detected	830
2-Nitroaniline			Not detected	170000	Not detected	830
3,3'-Dichlorobenzidine			Not detected	170000	Not detected	830
3-Nitroaniline			Not detected	170000	Not detected	830
4-Bromophenyl phenyl ether			Not detected	170000	Not detected	830
4-Chloroaniline			Not detected	170000	Not detected	830
4-Chlorophenyl phenyl ether			Not detected	170000	Not detected	830
4-Nitroaniline			Not detected	170000	Not detected	830
Acenaphthene			Not detected	170000	Not detected	830
Acenaphthylene			Not detected	170000	Not detected	830
Anthracene			Not detected	170000	Not detected	830
Benzo(a)anthracene			Not detected	170000	Not detected	830
Benzo(a)pyrene			Not detected	170000	Not detected	830
Benzo(b)fluoranthene			Not detected	170000	Not detected	830
Benzo(g,h,i)perylene			Not detected	170000	Not detected	830
Benzo(k)fluoranthene			Not detected	170000	Not detected	830
Bis(2-chloroethoxy)methane			Not detected	170000	Not detected	830
Bis(2-chloroethyl)ether			Not detected	170000	Not detected	830
Bis(2-chloroisopropyl)ether			Not detected	170000	Not detected	830
Bis(2-ethylhexyl)phthalate			1700000	170000	12000	830
Butyl benzyl phthalate			Not detected	170000	Not detected	830
Carbazole			Not detected	170000	Not detected	830
Chrysene			Not detected	170000	Not detected	830
Dibenzo(a,h)anthracene			Not detected	170000	Not detected	830
Dibenzofuran			Not detected	170000	Not detected	830
Diethylphthalate			Not detected	170000	Not detected	830
Dimethylphthalate			Not detected	170000	Not detected	830
Di-n-butylphthalate			Not detected	170000	Not detected	830
Di-n-octylphthalate			Not detected	170000	Not detected	830
Fluoranthene			Not detected	170000	Not detected	830
Fluorene			Not detected	170000	Not detected	830
Hexachlorobenzene			Not detected	170000	Not detected	830
Hexachlorobutadiene			Not detected	170000	Not detected	830
Hexachlorocyclopentadiene			Not detected	170000	Not detected	830
Hexachloroethane			Not detected	170000	Not detected	830

YORK

Client Sample ID			MW-7@10-15'		MW-8@10-15'	
York Sample ID			06070645-01		06070645-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Indeno(1,2,3-cd)pyrene			Not detected	170000	Not detected	830
Isophorone			Not detected	170000	Not detected	830
Naphthalene			Not detected	170000	Not detected	830
Nitrobenzene			Not detected	170000	Not detected	830
N-Nitrosodi-n-propylamine			Not detected	170000	Not detected	830
N-Nitrosodiphenylamine			Not detected	170000	Not detected	830
Phenanthrene			Not detected	170000	Not detected	830
Pyrene			Not detected	170000	Not detected	830

Client Sample ID			MW-9@10-15'		MW-10@10-15'	
York Sample ID			06070645-03		06070645-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	130	Not detected	10
1,3,5-Trimethylbenzene			Not detected	130	Not detected	10
Benzene			Not detected	25	Not detected	2.0
Ethylbenzene			480	130	Not detected	10
Isopropylbenzene			620	130	Not detected	10
Methyl-tert-butyl ether			Not detected	130	Not detected	10
Naphthalene			3600	130	Not detected	10
n-Butylbenzene			1100	130	Not detected	10
n-Propylbenzene			1100	130	Not detected	10
o-Xylene			Not detected	130	Not detected	10
p- & m- Xylenes			Not detected	130	Not detected	10
p-Isopropyltoluene			Not detected	130	Not detected	10
sec-Butylbenzene			690	130	Not detected	10
tert-Butylbenzene			Not detected	130	Not detected	10
Toluene			Not detected	130	Not detected	10
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	8300	Not detected	830
1,2-Dichlorobenzene			Not detected	8300	Not detected	830
1,3-Dichlorobenzene			Not detected	8300	Not detected	830
1,4-Dichlorobenzene			Not detected	8300	Not detected	830
2,4-Dinitrotoluene			Not detected	8300	Not detected	830
2,6-Dinitrotoluene			Not detected	8300	Not detected	830
2-Chloronaphthalene			Not detected	8300	Not detected	830
2-Methylnaphthalene			21000	8300	Not detected	830
2-Nitroaniline			Not detected	8300	Not detected	830
3,3'-Dichlorobenzidine			Not detected	8300	Not detected	830
3-Nitroaniline			Not detected	8300	Not detected	830
4-Bromophenyl phenyl ether			Not detected	8300	Not detected	830
4-Chloroaniline			Not detected	8300	Not detected	830
4-Chlorophenyl phenyl ether			Not detected	8300	Not detected	830
4-Nitroaniline			Not detected	8300	Not detected	830
Acenaphthene			Not detected	8300	Not detected	830
Acenaphthylene			Not detected	8300	Not detected	830
Anthracene			Not detected	8300	Not detected	830
Benzo(a)anthracene			Not detected	8300	Not detected	830

YORK

Client Sample ID			MW-9@10-15'		MW-10@10-15'	
York Sample ID			06070645-03		06070645-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Benzo(a)pyrene			Not detected	8300	Not detected	830
Benzo(b)fluoranthene			Not detected	8300	Not detected	830
Benzo(g,h,i)perylene			Not detected	8300	Not detected	830
Benzo(k)fluoranthene			Not detected	8300	Not detected	830
Bis(2-chloroethoxy)methane			Not detected	8300	Not detected	830
Bis(2-chloroethyl)ether			Not detected	8300	Not detected	830
Bis(2-chloroisopropyl)ether			Not detected	8300	Not detected	830
Bis(2-ethylhexyl)phthalate			59000	8300	6300	830
Butyl benzyl phthalate			Not detected	8300	Not detected	830
Carbazole			Not detected	8300	Not detected	830
Chrysene			Not detected	8300	Not detected	830
Dibenzo(a,h)anthracene			Not detected	8300	Not detected	830
Dibenzofuran			Not detected	8300	Not detected	830
Diethylphthalate			Not detected	8300	Not detected	830
Dimethylphthalate			Not detected	8300	Not detected	830
Di-n-butylphthalate			Not detected	8300	Not detected	830
Di-n-octylphthalate			Not detected	8300	Not detected	830
Fluoranthene			Not detected	8300	Not detected	830
Fluorene			Not detected	8300	Not detected	830
Hexachlorobenzene			Not detected	8300	Not detected	830
Hexachlorobutadiene			Not detected	8300	Not detected	830
Hexachlorocyclopentadiene			Not detected	8300	Not detected	830
Hexachloroethane			Not detected	8300	Not detected	830
Indeno(1,2,3-cd)pyrene			Not detected	8300	Not detected	830
Isophorone			Not detected	8300	Not detected	830
Naphthalene			Not detected	8300	Not detected	830
Nitrobenzene			Not detected	8300	Not detected	830
N-Nitrosodi-n-propylamine			Not detected	8300	Not detected	830
N-Nitrosodiphenylamine			Not detected	8300	Not detected	830
Phenanthrene			17000	8300	Not detected	830
Pyrene			Not detected	8300	Not detected	830

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. 06070645

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: 7/31/2006

YORK

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

0601045 Page 1 of 1

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature)
ASR	STEVE MULLER	ASR	49 DUPONT ST BKLYN N.Y	E. Vazquez
				E. VAZQUEZ (Name Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	MW-7@10'-15'	7/21/06		X			EPA 8260 STARS	4oz
	MW-7@10'-15'						EPA 8270 BN	8oz
	MW-8@10'-15'						EPA 8260 STARS	4oz
	MW-8@10'-15'						EPA 8270 ~~8270~~ BN	8oz
	MW-9@10'-15'						EPA 8260 STARS	4oz
	MW-9@10'-15'						EPA 8270 BN	8oz
	MW-10@10'-15'						EPA 8260 STARS	4oz
	MW-10@10'-15'						EPA 8270 BN	8oz

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	E Vazquez Sample Relinquished by	7/24/06 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time

Sample Received by — Date/Time
Sample Received in LAB by — 7/24 4:00 Date/Time

Comments/Special Instructions: 4/2°C

Turn-Around Time
X Standard ___ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 9/21/2006
Re: Client Project ID: Dupont, Brooklyn
York Project No.: 06090528

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: 9/21/2006
Client Project ID: Dupont, Brooklyn
York Project No.: 06090528

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 09/14/06. The project was identifed as your project "Dupont, Brooklyn ".

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			MW-11@8-10'		MW-12@8-10'	
York Sample ID			06090528-01		06090528-02	
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	Not detected	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

YORK

Client Sample ID			MW-11@8-10'		MW-12@8-10'	
York Sample ID			06090528-01		06090528-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
Acenaphthene			170	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			320	165	Not detected	165
Benzo(a)anthracene			350	165	Not detected	165
Benzo(a)pyrene			180	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			210	165	Not detected	165
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			320	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			740	165	Not detected	165
Fluorene			170	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			890	165	Not detected	165
Pyrene			600	165	Not detected	165

YORK

Client Sample ID			MW-13@8-10'		MW-14@8-10'	
York Sample ID			06090528-03		06090528-04	
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	Not detected	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
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165

YORK

Client Sample ID			MW-13@8-10'		MW-14@8-10'	
York Sample ID			06090528-03		06090528-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	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. 06090528

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: 9/21/2006

YORK

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

Field Chain-of-Custody Record

06090528

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature) / Name (Printed)
ADVANCED SITE RESTORATION, LLC 62 WILLIAM ST. NY, NY 10005	S. MULLER	ASR	DUPONT, BROOKLYN	[signature] STEVEN MULLER

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	MW-11 @ 8'-10'	9/13/06		X			EPA 8260 STARS EPA 8270 BN	1-4 oz 1-8 oz
	MW-12 @ 8'-10'	9/13/06		X			EPA 8260 STARS EPA 8270 BN	1-4 oz 1-8 oz
	MW-13 @ 8'-10'	9/13/06		X			EPA 8260 STARS EPA 8270 BN	1-4 oz 1-8 oz
	MW-14 @ 8'-10'	9/13/06		X			EPA 8260 STARS EPA 8270 BN	1-4 oz 1-8 oz

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	Date/Time	Sample Received by	Date/Time
		[signature]	9/14/06	[signature]	9/14/06
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time
				[signature]	9/14/06 P 5.0C

Comments/Special Instructions

Turn-Around Time

X Standard ____ RUSH(define) _____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 12/20/2006
Re: Client Project ID: 49 Dupont St., Brooklyn
York Project No.: 06120412

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: 12/20/2006
Client Project ID: 49 Dupont St., Brooklyn
York Project No.: 06120412

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 12/13/06. The project was identifed as your project "49 Dupont St., Brooklyn ".

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			MW-15 8-10'		MW-16 8-10'	
York Sample ID			06120412-01		06120412-02	
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	Not detected	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

YORK

Client Sample ID			MW-15 8-10'		MW-16 8-10'	
York Sample ID			06120412-01		06120412-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	1700	Not detected	165
1,2-Dichlorobenzene			Not detected	1700	Not detected	165
1,3-Dichlorobenzene			Not detected	1700	Not detected	165
1,4-Dichlorobenzene			Not detected	1700	Not detected	165
2,4-Dinitrotoluene			Not detected	1700	Not detected	165
2,6-Dinitrotoluene			Not detected	1700	Not detected	165
2-Chloronaphthalene			Not detected	1700	Not detected	165
2-Methylnaphthalene			Not detected	1700	Not detected	165
2-Nitroaniline			Not detected	1700	Not detected	165
3,3'-Dichlorobenzidine			Not detected	1700	Not detected	165
3-Nitroaniline			Not detected	1700	Not detected	165
4-Bromophenyl phenyl ether			Not detected	1700	Not detected	165
4-Chloroaniline			Not detected	1700	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	1700	Not detected	165
4-Nitroaniline			Not detected	1700	Not detected	165
Acenaphthene			Not detected	1700	Not detected	165
Acenaphthylene			Not detected	1700	Not detected	165
Anthracene			Not detected	1700	Not detected	165
Benzo(a)anthracene			Not detected	1700	Not detected	165
Benzo(a)pyrene			Not detected	1700	Not detected	165
Benzo(b)fluoranthene			Not detected	1700	Not detected	165
Benzo(g,h,i)perylene			Not detected	1700	Not detected	165
Benzo(k)fluoranthene			Not detected	1700	Not detected	165
Bis(2-chloroethoxy)methane			Not detected	1700	Not detected	165
Bis(2-chloroethyl)ether			Not detected	1700	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	1700	Not detected	165
Bis(2-ethylhexyl)phthalate			6400	1700	Not detected	165
Butyl benzyl phthalate			Not detected	1700	Not detected	165
Carbazole			Not detected	1700	Not detected	165
Chrysene			Not detected	1700	Not detected	165
Dibenzo(a,h)anthracene			Not detected	1700	Not detected	165
Dibenzofuran			Not detected	1700	Not detected	165
Diethylphthalate			Not detected	1700	Not detected	165
Dimethylphthalate			Not detected	1700	Not detected	165
Di-n-butylphthalate			Not detected	1700	Not detected	165
Di-n-octylphthalate			Not detected	1700	990	165
Fluoranthene			Not detected	1700	Not detected	165
Fluorene			Not detected	1700	Not detected	165
Hexachlorobenzene			Not detected	1700	Not detected	165
Hexachlorobutadiene			Not detected	1700	Not detected	165
Hexachlorocyclopentadiene			Not detected	1700	Not detected	165
Hexachloroethane			Not detected	1700	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	1700	Not detected	165
Isophorone			Not detected	1700	Not detected	165
Naphthalene			Not detected	1700	Not detected	165
Nitrobenzene			Not detected	1700	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	1700	Not detected	165
N-Nitrosodiphenylamine			Not detected	1700	Not detected	165
Phenanthrene			Not detected	1700	Not detected	165
Pyrene			Not detected	1700	Not detected	165

YORK

Client Sample ID			SB-4A@10'		SB-4B@10'	
York Sample ID			06120412-03		06120412-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Mercury	SW846-7471	mg/kG	Not detected	0.10	Not detected	0.10

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. 06120412

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: _____ **Date:** 12/20/2006
Robert Q. Bradley
Managing Director

YORK

Page ___ of ___

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

06120412

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature) / Name (Printed)
Advanced Site Restoration	Steve M	ASR	49 Dupont St Bklyn	Anthony Adesso

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	MW-15 8'-10'	12-7-06		X			8260 stars 8270 BN	1 8oz / 4oz
	MW-16 8'-10'	12-7-06		X			" "	1 8oz / 4oz
	SB-4A @ 10'	12-7-06		X			mercury only	1 8oz
	SB-4b @ 10'	12-7-06		X			mercury only	1 8oz

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	Date/Time	Sample Received by	Date/Time
			12-11-06		12/13/06
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time
					12/13 9AM

4.00

Comments/Special Instructions

Turn-Around Time

___Standard ___RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 8/1/2006
Re: Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070673

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: 8/1/2006
Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070673

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 07/25/06. The project was identifed as your project "49 Dupont St., Brooklyn, NY".

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			5-10' ASR-11		10-15' ASR-11	
York Sample ID			06070673-01		06070673-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
Benzene			Not detected	2.0	Not detected	2.0
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methyl-tert-butyl ether			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m- Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10

YORK

Client Sample ID			5-10' ASR-11		10-15' ASR-11	
York Sample ID			06070673-01		06070673-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	190	165

YORK

Client Sample ID			ASR-11	
York Sample ID			06070673-03	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---
1,2,4-Trimethylbenzene			Not detected	5
1,3,5-Trimethylbenzene			Not detected	5
Benzene			2	1
Ethylbenzene			Not detected	5
Isopropylbenzene			Not detected	5
Methyl-tert-butyl ether			Not detected	5
Naphthalene			Not detected	5
n-Butylbenzene			Not detected	5
n-Propylbenzene			Not detected	5
o-Xylene			Not detected	5
p- & m- Xylenes			Not detected	5
p-Isopropyltoluene			Not detected	5
sec-Butylbenzene			Not detected	5
tert-Butylbenzene			Not detected	5
Toluene			Not detected	5
Base/Neutral Extractables water	SW846-8270	ug/L	---	---
1,2,4-Trichlorobenzene			Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0
2,4-Dinitrotoluene			Not detected	5.0
2,6-Dinitrotoluene			Not detected	5.0
2-Chloronaphthalene			Not detected	5.0
2-Methylnaphthalene			Not detected	5.0
2-Nitroaniline			Not detected	5.0
3,3'-Dichlorobenzidine			Not detected	5.0
3-Nitroaniline			Not detected	5.0
4-Bromophenyl phenyl ether			Not detected	5.0
4-Chloroaniline			Not detected	5.0
4-Chlorophenyl phenyl ether			Not detected	5.0
4-Nitroaniline			Not detected	5.0
Acenaphthene			Not detected	5.0
Acenaphthylene			Not detected	5.0
Anthracene			Not detected	5.0
Benzo(a)anthracene			Not detected	5.0
Benzo(a)pyrene			Not detected	5.0
Benzo(b)fluoranthene			Not detected	5.0
Benzo(g,h,i)perylene			Not detected	5.0
Benzo(k)fluoranthene			Not detected	5.0
Bis(2-chloroethoxy)methane			Not detected	5.0
Bis(2-chloroethyl)ether			Not detected	5.0
Bis(2-chloroisopropyl)ether			Not detected	5.0
Bis(2-ethylhexyl)phthalate			18	5.0
Butyl benzyl phthalate			Not detected	5.0
Carbazole			Not detected	5.0
Chrysene			Not detected	5.0
Dibenzo(a,h)anthracene			Not detected	5.0
Dibenzofuran			Not detected	5.0

YORK

Client Sample ID			ASR-11	
York Sample ID			06070673-03	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Diethylphthalate			Not detected	5.0
Dimethylphthalate			Not detected	5.0
Di-n-butylphthalate			Not detected	5.0
Di-n-octylphthalate			Not detected	5.0
Fluoranthene			Not detected	5.0
Fluorene			Not detected	5.0
Hexachlorobenzene			Not detected	5.0
Hexachlorobutadiene			Not detected	5.0
Hexachlorocyclopentadiene			Not detected	5.0
Hexachloroethane			Not detected	5.0
Indeno(1,2,3-cd)pyrene			Not detected	5.0
Isophorone			Not detected	5.0
Naphthalene			Not detected	5.0
Nitrobenzene			Not detected	5.0
N-Nitrosodi-n-propylamine			Not detected	5.0
N-Nitrosodiphenylamine			Not detected	5.0
Phenanthrene			Not detected	5.0
Pyrene			Not detected	5.0

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. 06070673

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: 8/1/2006

YORK

06070673 Page 1 of 1

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature) / Name (Printed)
ASR 62 William St NY NY 10005	Steve M	ASR	49 DuPont St Bklyn	[signature] Anthony Adesso

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
5-10'	ASR-11	7/24/06		X			8270 BN / 8260 STCFS	1 8oz / 4oz
10-15'	ASR-11	7/24/06		X			8270 BN / 8260 STCFS	1 8oz / 4oz
	ASR-11	7/24	X				8270 BN	1
	ASR-11	7/24	X				8260 STCFS	2 vol

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	[signature] Sample Relinquished by	7/25 Date/Time	[signature] Sample Received by	7/25 06 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	[signature] Sample Received in LAB by	7/25 4:30 Date/Time

Comments/Special Instructions

4.2°C

Turn-Around Time

____Standard ____RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 8/2/2006
Re: Client Project ID: 49 Dupont St., Brooklyn
York Project No.: 06070672

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: 8/2/2006
Client Project ID: 49 Dupont St., Brooklyn
York Project No.: 06070672

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 07/25/06. The project was identifed as your project "49 Dupont St., Brooklyn ".

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			5-10' ASR-12		10-15' ASR-12	
York Sample ID			06070672-01		06070672-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	130
1,3,5-Trimethylbenzene			Not detected	10	Not detected	130
Benzene			Not detected	2.0	Not detected	25
Ethylbenzene			Not detected	10	Not detected	130
Isopropylbenzene			Not detected	10	Not detected	130
Methyl-tert-butyl ether			Not detected	10	Not detected	130
Naphthalene			Not detected	10	Not detected	130
n-Butylbenzene			Not detected	10	Not detected	130
n-Propylbenzene			Not detected	10	Not detected	130
o-Xylene			Not detected	10	Not detected	130
p- & m- Xylenes			Not detected	10	Not detected	130
p-Isopropyltoluene			Not detected	10	Not detected	130
sec-Butylbenzene			Not detected	10	Not detected	130
tert-Butylbenzene			Not detected	10	Not detected	130
Toluene			Not detected	10	Not detected	130

YORK

Client Sample ID			5-10' ASR-12		10-15' ASR-12	
York Sample ID			06070672-01		06070672-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

YORK

Client Sample ID			ASR-12	
York Sample ID			06070672-03	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---
1,2,4-Trimethylbenzene			Not detected	500
1,3,5-Trimethylbenzene			Not detected	500
Benzene			Not detected	100
Ethylbenzene			Not detected	500
Isopropylbenzene			Not detected	500
Methyl-tert-butyl ether			Not detected	500
Naphthalene			2300	500
n-Butylbenzene			Not detected	500
n-Propylbenzene			Not detected	500
o-Xylene			Not detected	500
p- & m- Xylenes			Not detected	500
p-Isopropyltoluene			Not detected	500
sec-Butylbenzene			Not detected	500
tert-Butylbenzene			Not detected	500
Toluene			Not detected	500
Base/Neutral Extractables water	SW846-8270	ug/L	---	---
1,2,4-Trichlorobenzene			Not detected	25.0
1,2-Dichlorobenzene			Not detected	25.0
1,3-Dichlorobenzene			Not detected	25.0
1,4-Dichlorobenzene			Not detected	25.0
2,4-Dinitrotoluene			Not detected	25.0
2,6-Dinitrotoluene			Not detected	25.0
2-Chloronaphthalene			Not detected	25.0
2-Methylnaphthalene			210	25.0
2-Nitroaniline			Not detected	25.0
3,3'-Dichlorobenzidine			Not detected	25.0
3-Nitroaniline			Not detected	25.0
4-Bromophenyl phenyl ether			Not detected	25.0
4-Chloroaniline			Not detected	25.0
4-Chlorophenyl phenyl ether			Not detected	25.0
4-Nitroaniline			Not detected	25.0
Acenaphthene			Not detected	25.0
Acenaphthylene			Not detected	25.0
Anthracene			Not detected	25.0
Benzo(a)anthracene			Not detected	25.0
Benzo(a)pyrene			Not detected	25.0
Benzo(b)fluoranthene			Not detected	25.0
Benzo(g,h,i)perylene			Not detected	25.0
Benzo(k)fluoranthene			Not detected	25.0
Bis(2-chloroethoxy)methane			Not detected	25.0
Bis(2-chloroethyl)ether			Not detected	25.0
Bis(2-chloroisopropyl)ether			Not detected	25.0
Bis(2-ethylhexyl)phthalate			Not detected	25.0
Butyl benzyl phthalate			Not detected	25.0
Carbazole			Not detected	25.0
Chrysene			Not detected	25.0
Dibenzo(a,h)anthracene			Not detected	25.0
Dibenzofuran			Not detected	25.0

YORK

Client Sample ID			ASR-12	
York Sample ID			06070672-03	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Diethylphthalate			Not detected	25.0
Dimethylphthalate			Not detected	25.0
Di-n-butylphthalate			Not detected	25.0
Di-n-octylphthalate			Not detected	25.0
Fluoranthene			Not detected	25.0
Fluorene			Not detected	25.0
Hexachlorobenzene			Not detected	25.0
Hexachlorobutadiene			Not detected	25.0
Hexachlorocyclopentadiene			Not detected	25.0
Hexachloroethane			Not detected	25.0
Indeno(1,2,3-cd)pyrene			Not detected	25.0
Isophorone			Not detected	25.0
Naphthalene			210	25.0
Nitrobenzene			Not detected	25.0
N-Nitrosodi-n-propylamine			Not detected	25.0
N-Nitrosodiphenylamine			Not detected	25.0
Phenanthrene			Not detected	25.0
Pyrene			Not detected	25.0

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. 06070672

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: 8/2/2006

YORK

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

06070612

Field Chain-of-Custody Record

Company Name	Report To:	Invoice To:	Project ID/No.	
ASR 62 William St NY NY 10005	Steve	ASR	49 Dupont St BKLyn	Samples Collected By (Signature) [signature]
				Name (Printed) Anthony Adesso

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
5-10'	ASR-12	7/24		X			8270 BN / 8260 STGS	1 8oz / 4oz
10-11'		7/24		X			" "	1 8oz / 4oz
		7/24	X				8270 BN	1 amber
		7/24	X				8260 STGS	2 VOL

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by [signature]	Date/Time 7/25/06	Sample Received by [signature] 72506	Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by [signature]	Date/Time 7/25 1:30

Comments/Special Instructions

42°C

Turn-Around Time

____Standard ____RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 8/3/2006
Re: Client Project ID: 49 Dupont St.
York Project No.: 06070674

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: 8/3/2006
Client Project ID: 49 Dupont St.
York Project No.: 06070674

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 07/25/06. The project was identifed as your project "49 Dupont St. ".

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			MW-1		MW-2	
York Sample ID			06070674-01		06070674-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	5	Not detected	5
1,3,5-Trimethylbenzene			Not detected	5	Not detected	5
Benzene			Not detected	1	Not detected	1
Ethylbenzene			Not detected	5	Not detected	5
Isopropylbenzene			5	5	Not detected	5
Methyl-tert-butyl ether			Not detected	5	Not detected	5
Naphthalene			75	5	Not detected	5
n-Butylbenzene			6	5	Not detected	5
n-Propylbenzene			7	5	Not detected	5
o-Xylene			Not detected	5	Not detected	5
p- & m- Xylenes			Not detected	5	Not detected	5
p-Isopropyltoluene			Not detected	5	Not detected	5
sec-Butylbenzene			9	5	Not detected	5
tert-Butylbenzene			Not detected	5	Not detected	5
Toluene			Not detected	5	Not detected	5

YORK

Client Sample ID			MW-1		MW-2	
York Sample ID			06070674-01		06070674-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables water	SW846-8270	ug/L	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	50.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	50.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	50.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	50.0	Not detected	5.0
2,4-Dinitrotoluene			Not detected	50.0	Not detected	5.0
2,6-Dinitrotoluene			Not detected	50.0	Not detected	5.0
2-Chloronaphthalene			Not detected	50.0	Not detected	5.0
2-Methylnaphthalene			Not detected	50.0	Not detected	5.0
2-Nitroaniline			Not detected	50.0	Not detected	5.0
3,3'-Dichlorobenzidine			Not detected	50.0	Not detected	5.0
3-Nitroaniline			Not detected	50.0	Not detected	5.0
4-Bromophenyl phenyl ether			Not detected	50.0	Not detected	5.0
4-Chloroaniline			Not detected	50.0	Not detected	5.0
4-Chlorophenyl phenyl ether			Not detected	50.0	Not detected	5.0
4-Nitroaniline			Not detected	50.0	Not detected	5.0
Acenaphthene			Not detected	50.0	Not detected	5.0
Acenaphthylene			Not detected	50.0	Not detected	5.0
Anthracene			Not detected	50.0	Not detected	5.0
Benzo(a)anthracene			Not detected	50.0	Not detected	5.0
Benzo(a)pyrene			Not detected	50.0	Not detected	5.0
Benzo(b)fluoranthene			Not detected	50.0	Not detected	5.0
Benzo(g,h,i)perylene			Not detected	50.0	Not detected	5.0
Benzo(k)fluoranthene			Not detected	50.0	Not detected	5.0
Bis(2-chloroethoxy)methane			Not detected	50.0	Not detected	5.0
Bis(2-chloroethyl)ether			Not detected	50.0	Not detected	5.0
Bis(2-chloroisopropyl)ether			Not detected	50.0	Not detected	5.0
Bis(2-ethylhexyl)phthalate			Not detected	50.0	Not detected	5.0
Butyl benzyl phthalate			Not detected	50.0	60	5.0
Carbazole			Not detected	50.0	Not detected	5.0
Chrysene			Not detected	50.0	Not detected	5.0
Dibenzo(a,h)anthracene			Not detected	50.0	Not detected	5.0
Dibenzofuran			Not detected	50.0	Not detected	5.0
Diethylphthalate			Not detected	50.0	Not detected	5.0
Dimethylphthalate			Not detected	50.0	Not detected	5.0
Di-n-butylphthalate			Not detected	50.0	Not detected	5.0
Di-n-octylphthalate			Not detected	50.0	Not detected	5.0
Fluoranthene			Not detected	50.0	Not detected	5.0
Fluorene			Not detected	50.0	Not detected	5.0
Hexachlorobenzene			75	50.0	Not detected	5.0
Hexachlorobutadiene			Not detected	50.0	Not detected	5.0
Hexachlorocyclopentadiene			Not detected	50.0	Not detected	5.0
Hexachloroethane			Not detected	50.0	Not detected	5.0
Indeno(1,2,3-cd)pyrene			Not detected	50.0	Not detected	5.0
Isophorone			Not detected	50.0	Not detected	5.0
Naphthalene			Not detected	50.0	Not detected	5.0
Nitrobenzene			99	50.0	Not detected	5.0
N-Nitrosodi-n-propylamine			Not detected	50.0	Not detected	5.0
N-Nitrosodiphenylamine			Not detected	50.0	Not detected	5.0
Phenanthrene			Not detected	50.0	Not detected	5.0
Pyrene			110	50.0	Not detected	5.0

YORK

Client Sample ID			MW-3		MW-4	
York Sample ID			06070674-03		06070674-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	5	PENDING	5
1,3,5-Trimethylbenzene			Not detected	5	PENDING	5
Benzene			Not detected	1	PENDING	1
Ethylbenzene			Not detected	5	PENDING	5
Isopropylbenzene			Not detected	5	PENDING	5
Methyl-tert-butyl ether			Not detected	5	PENDING	5
Naphthalene			Not detected	5	PENDING	5
n-Butylbenzene			Not detected	5	PENDING	5
n-Propylbenzene			Not detected	5	PENDING	5
o-Xylene			Not detected	5	PENDING	5
p- & m- Xylenes			Not detected	5	PENDING	5
p-Isopropyltoluene			Not detected	5	PENDING	5
sec-Butylbenzene			Not detected	5	PENDING	5
tert-Butylbenzene			Not detected	5	PENDING	5
Toluene			Not detected	5	PENDING	5
Base/Neutral Extractables water	SW846-8270	ug/L	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	12500
1,2-Dichlorobenzene			Not detected	5.0	Not detected	12500
1,3-Dichlorobenzene			Not detected	5.0	Not detected	12500
1,4-Dichlorobenzene			Not detected	5.0	Not detected	12500
2,4-Dinitrotoluene			Not detected	5.0	Not detected	12500
2,6-Dinitrotoluene			Not detected	5.0	Not detected	12500
2-Chloronaphthalene			Not detected	5.0	Not detected	12500
2-Methylnaphthalene			Not detected	5.0	Not detected	12500
2-Nitroaniline			Not detected	5.0	Not detected	12500
3,3'-Dichlorobenzidine			Not detected	5.0	Not detected	12500
3-Nitroaniline			Not detected	5.0	Not detected	12500
4-Bromophenyl phenyl ether			Not detected	5.0	Not detected	12500
4-Chloroaniline			Not detected	5.0	Not detected	12500
4-Chlorophenyl phenyl ether			Not detected	5.0	Not detected	12500
4-Nitroaniline			Not detected	5.0	Not detected	12500
Acenaphthene			Not detected	5.0	Not detected	12500
Acenaphthylene			Not detected	5.0	Not detected	12500
Anthracene			Not detected	5.0	Not detected	12500
Benzo(a)anthracene			Not detected	5.0	Not detected	12500
Benzo(a)pyrene			Not detected	5.0	Not detected	12500
Benzo(b)fluoranthene			Not detected	5.0	Not detected	12500
Benzo(g,h,i)perylene			Not detected	5.0	Not detected	12500
Benzo(k)fluoranthene			Not detected	5.0	Not detected	12500
Bis(2-chloroethoxy)methane			Not detected	5.0	Not detected	12500
Bis(2-chloroethyl)ether			Not detected	5.0	Not detected	12500
Bis(2-chloroisopropyl)ether			Not detected	5.0	Not detected	12500
Bis(2-ethylhexyl)phthalate			31	5.0	120000	12500
Butyl benzyl phthalate			Not detected	5.0	Not detected	12500
Carbazole			Not detected	5.0	Not detected	12500
Chrysene			Not detected	5.0	Not detected	12500
Dibenzo(a,h)anthracene			Not detected	5.0	Not detected	12500
Dibenzofuran			Not detected	5.0	Not detected	12500
Diethylphthalate			Not detected	5.0	Not detected	12500

YORK

Client Sample ID			MW-3		MW-4	
York Sample ID			06070674-03		06070674-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Dimethylphthalate			Not detected	5.0	Not detected	12500
Di-n-butylphthalate			Not detected	5.0	Not detected	12500
Di-n-octylphthalate			Not detected	5.0	160000	12500
Fluoranthene			Not detected	5.0	Not detected	12500
Fluorene			Not detected	5.0	Not detected	12500
Hexachlorobenzene			Not detected	5.0	Not detected	12500
Hexachlorobutadiene			Not detected	5.0	Not detected	12500
Hexachlorocyclopentadiene			Not detected	5.0	Not detected	12500
Hexachloroethane			Not detected	5.0	Not detected	12500
Indeno(1,2,3-cd)pyrene			Not detected	5.0	Not detected	12500
Isophorone			Not detected	5.0	Not detected	12500
Naphthalene			Not detected	5.0	Not detected	12500
Nitrobenzene			Not detected	5.0	Not detected	12500
N-Nitrosodi-n-propylamine			Not detected	5.0	Not detected	12500
N-Nitrosodiphenylamine			Not detected	5.0	Not detected	12500
Phenanthrene			Not detected	5.0	Not detected	12500
Pyrene			Not detected	5.0	Not detected	12500

Client Sample ID			MW-5		MW-6	
York Sample ID			06070674-05		06070674-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			6	5	11	5
1,3,5-Trimethylbenzene			Not detected	5	Not detected	5
Benzene			Not detected	1	Not detected	1
Ethylbenzene			Not detected	5	Not detected	5
Isopropylbenzene			Not detected	5	Not detected	5
Methyl-tert-butyl ether			Not detected	5	Not detected	5
Naphthalene			8	5	Not detected	5
n-Butylbenzene			Not detected	5	Not detected	5
n-Propylbenzene			Not detected	5	Not detected	5
o-Xylene			Not detected	5	Not detected	5
p- & m- Xylenes			Not detected	5	Not detected	5
p-Isopropyltoluene			Not detected	5	Not detected	5
sec-Butylbenzene			Not detected	5	Not detected	5
tert-Butylbenzene			Not detected	5	Not detected	5
Toluene			Not detected	5	Not detected	5
Base/Neutral Extractables water	SW846-8270	ug/L	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	50000	Not detected	250000
1,2-Dichlorobenzene			Not detected	50000	Not detected	250000
1,3-Dichlorobenzene			Not detected	50000	Not detected	250000
1,4-Dichlorobenzene			Not detected	50000	Not detected	250000
2,4-Dinitrotoluene			Not detected	50000	Not detected	250000
2,6-Dinitrotoluene			Not detected	50000	Not detected	250000
2-Chloronaphthalene			Not detected	50000	Not detected	250000
2-Methylnaphthalene			Not detected	50000	Not detected	250000
2-Nitroaniline			Not detected	50000	Not detected	250000
3,3'-Dichlorobenzidine			Not detected	50000	Not detected	250000

YORK

Client Sample ID			MW-5		MW-6	
York Sample ID			06070674-05		06070674-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
3-Nitroaniline			Not detected	50000	Not detected	250000
4-Bromophenyl phenyl ether			Not detected	50000	Not detected	250000
4-Chloroaniline			Not detected	50000	Not detected	250000
4-Chlorophenyl phenyl ether			Not detected	50000	Not detected	250000
4-Nitroaniline			Not detected	50000	Not detected	250000
Acenaphthene			Not detected	50000	Not detected	250000
Acenaphthylene			Not detected	50000	Not detected	250000
Anthracene			Not detected	50000	Not detected	250000
Benzo(a)anthracene			Not detected	50000	Not detected	250000
Benzo(a)pyrene			Not detected	50000	Not detected	250000
Benzo(b)fluoranthene			Not detected	50000	Not detected	250000
Benzo(g,h,i)perylene			Not detected	50000	Not detected	250000
Benzo(k)fluoranthene			Not detected	50000	Not detected	250000
Bis(2-chloroethoxy)methane			Not detected	50000	Not detected	250000
Bis(2-chloroethyl)ether			Not detected	50000	Not detected	250000
Bis(2-chloroisopropyl)ether			Not detected	50000	Not detected	250000
Bis(2-ethylhexyl)phthalate			780000	50000	1300000	250000
Butyl benzyl phthalate			Not detected	50000	Not detected	250000
Carbazole			Not detected	50000	Not detected	250000
Chrysene			Not detected	50000	Not detected	250000
Dibenzo(a,h)anthracene			Not detected	50000	Not detected	250000
Dibenzofuran			Not detected	50000	Not detected	250000
Diethylphthalate			Not detected	50000	Not detected	250000
Dimethylphthalate			Not detected	50000	Not detected	250000
Di-n-butylphthalate			Not detected	50000	Not detected	250000
Di-n-octylphthalate			90000	50000	Not detected	250000
Fluoranthene			Not detected	50000	Not detected	250000
Fluorene			Not detected	50000	Not detected	250000
Hexachlorobenzene			Not detected	50000	Not detected	250000
Hexachlorobutadiene			Not detected	50000	Not detected	250000
Hexachlorocyclopentadiene			Not detected	50000	Not detected	250000
Hexachloroethane			Not detected	50000	Not detected	250000
Indeno(1,2,3-cd)pyrene			Not detected	50000	Not detected	250000
Isophorone			Not detected	50000	Not detected	250000
Naphthalene			Not detected	50000	Not detected	250000
Nitrobenzene			Not detected	50000	Not detected	250000
N-Nitrosodi-n-propylamine			Not detected	50000	Not detected	250000
N-Nitrosodiphenylamine			Not detected	50000	Not detected	250000
Phenanthrene			Not detected	50000	Not detected	250000
Pyrene			Not detected	50000	Not detected	250000

Client Sample ID			MW-7		MW-8	
York Sample ID			06070674-07		06070674-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	5	Not detected	5
1,3,5-Trimethylbenzene			Not detected	5	Not detected	5
Benzene			Not detected	1	Not detected	1

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Client Sample ID			MW-7		MW-8	
York Sample ID			06070674-07		06070674-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Ethylbenzene			Not detected	5	Not detected	5
Isopropylbenzene			Not detected	5	Not detected	5
Methyl-tert-butyl ether			Not detected	5	Not detected	5
Naphthalene			Not detected	5	Not detected	5
n-Butylbenzene			Not detected	5	Not detected	5
n-Propylbenzene			Not detected	5	Not detected	5
o-Xylene			Not detected	5	Not detected	5
p- & m- Xylenes			Not detected	5	Not detected	5
p-Isopropyltoluene			Not detected	5	Not detected	5
sec-Butylbenzene			Not detected	5	Not detected	5
tert-Butylbenzene			Not detected	5	Not detected	5
Toluene			Not detected	5	Not detected	5
Base/Neutral Extractables water	SW846-8270	ug/L	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	31300	Not detected	5.0
1,2-Dichlorobenzene			Not detected	31300	Not detected	5.0
1,3-Dichlorobenzene			Not detected	31300	Not detected	5.0
1,4-Dichlorobenzene			Not detected	31300	Not detected	5.0
2,4-Dinitrotoluene			Not detected	31300	Not detected	5.0
2,6-Dinitrotoluene			Not detected	31300	Not detected	5.0
2-Chloronaphthalene			Not detected	31300	Not detected	5.0
2-Methylnaphthalene			Not detected	31300	Not detected	5.0
2-Nitroaniline			Not detected	31300	Not detected	5.0
3,3'-Dichlorobenzidine			Not detected	31300	Not detected	5.0
3-Nitroaniline			Not detected	31300	Not detected	5.0
4-Bromophenyl phenyl ether			Not detected	31300	Not detected	5.0
4-Chloroaniline			Not detected	31300	Not detected	5.0
4-Chlorophenyl phenyl ether			Not detected	31300	Not detected	5.0
4-Nitroaniline			Not detected	31300	Not detected	5.0
Acenaphthene			Not detected	31300	Not detected	5.0
Acenaphthylene			Not detected	31300	Not detected	5.0
Anthracene			Not detected	31300	Not detected	5.0
Benzo(a)anthracene			Not detected	31300	Not detected	5.0
Benzo(a)pyrene			Not detected	31300	Not detected	5.0
Benzo(b)fluoranthene			Not detected	31300	Not detected	5.0
Benzo(g,h,i)perylene			Not detected	31300	Not detected	5.0
Benzo(k)fluoranthene			Not detected	31300	Not detected	5.0
Bis(2-chloroethoxy)methane			Not detected	31300	Not detected	5.0
Bis(2-chloroethyl)ether			Not detected	31300	Not detected	5.0
Bis(2-chloroisopropyl)ether			Not detected	31300	Not detected	5.0
Bis(2-ethylhexyl)phthalate			370000	31300	89	5.0
Butyl benzyl phthalate			Not detected	31300	Not detected	5.0
Carbazole			Not detected	31300	Not detected	5.0
Chrysene			Not detected	31300	Not detected	5.0
Dibenzo(a,h)anthracene			Not detected	31300	Not detected	5.0
Dibenzofuran			Not detected	31300	Not detected	5.0
Diethylphthalate			Not detected	31300	Not detected	5.0
Dimethylphthalate			Not detected	31300	Not detected	5.0
Di-n-butylphthalate			Not detected	31300	Not detected	5.0
Di-n-octylphthalate			Not detected	31300	Not detected	5.0
Fluoranthene			Not detected	31300	Not detected	5.0
Fluorene			Not detected	31300	Not detected	5.0

YORK

Client Sample ID			MW-7		MW-8	
York Sample ID			06070674-07		06070674-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Hexachlorobenzene			Not detected	31300	Not detected	5.0
Hexachlorobutadiene			Not detected	31300	Not detected	5.0
Hexachlorocyclopentadiene			Not detected	31300	Not detected	5.0
Hexachloroethane			Not detected	31300	Not detected	5.0
Indeno(1,2,3-cd)pyrene			Not detected	31300	Not detected	5.0
Isophorone			Not detected	31300	Not detected	5.0
Naphthalene			Not detected	31300	Not detected	5.0
Nitrobenzene			Not detected	31300	Not detected	5.0
N-Nitrosodi-n-propylamine			Not detected	31300	Not detected	5.0
N-Nitrosodiphenylamine			Not detected	31300	Not detected	5.0
Phenanthrene			Not detected	31300	Not detected	5.0
Pyrene			Not detected	31300	Not detected	5.0

Client Sample ID			MW-9		MW-10	
York Sample ID			06070674-09		06070674-10	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	5	Not detected	5
1,3,5-Trimethylbenzene			Not detected	5	Not detected	5
Benzene			Not detected	1	Not detected	1
Ethylbenzene			11	5	Not detected	5
Isopropylbenzene			8	5	Not detected	5
Methyl-tert-butyl ether			Not detected	5	Not detected	5
Naphthalene			71	5	Not detected	5
n-Butylbenzene			6	5	Not detected	5
n-Propylbenzene			10	5	Not detected	5
o-Xylene			Not detected	5	Not detected	5
p- & m- Xylenes			11	5	Not detected	5
p-Isopropyltoluene			Not detected	5	Not detected	5
sec-Butylbenzene			Not detected	5	Not detected	5
tert-Butylbenzene			Not detected	5	Not detected	5
Toluene			Not detected	5	Not detected	5
Base/Neutral Extractables water	SW846-8270	ug/L	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	50.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	50.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	50.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	50.0	Not detected	5.0
2,4-Dinitrotoluene			Not detected	50.0	Not detected	5.0
2,6-Dinitrotoluene			Not detected	50.0	Not detected	5.0
2-Chloronaphthalene			Not detected	50.0	Not detected	5.0
2-Methylnaphthalene			Not detected	50.0	Not detected	5.0
2-Nitroaniline			Not detected	50.0	Not detected	5.0
3,3'-Dichlorobenzidine			Not detected	50.0	Not detected	5.0
3-Nitroaniline			Not detected	50.0	Not detected	5.0
4-Bromophenyl phenyl ether			Not detected	50.0	Not detected	5.0
4-Chloroaniline			Not detected	50.0	Not detected	5.0
4-Chlorophenyl phenyl ether			Not detected	50.0	Not detected	5.0
4-Nitroaniline			Not detected	50.0	Not detected	5.0

YORK

Client Sample ID			MW-9		MW-10	
York Sample ID			06070674-09		06070674-10	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Acenaphthene			Not detected	50.0	Not detected	5.0
Acenaphthylene			Not detected	50.0	Not detected	5.0
Anthracene			Not detected	50.0	Not detected	5.0
Benzo(a)anthracene			Not detected	50.0	Not detected	5.0
Benzo(a)pyrene			Not detected	50.0	Not detected	5.0
Benzo(b)fluoranthene			Not detected	50.0	Not detected	5.0
Benzo(g,h,i)perylene			Not detected	50.0	Not detected	5.0
Benzo(k)fluoranthene			Not detected	50.0	Not detected	5.0
Bis(2-chloroethoxy)methane			Not detected	50.0	Not detected	5.0
Bis(2-chloroethyl)ether			Not detected	50.0	Not detected	5.0
Bis(2-chloroisopropyl)ether			Not detected	50.0	Not detected	5.0
Bis(2-ethylhexyl)phthalate			Not detected	50.0	6	5.0
Butyl benzyl phthalate			Not detected	50.0	Not detected	5.0
Carbazole			Not detected	50.0	Not detected	5.0
Chrysene			Not detected	50.0	Not detected	5.0
Dibenzo(a,h)anthracene			Not detected	50.0	Not detected	5.0
Dibenzofuran			Not detected	50.0	Not detected	5.0
Diethylphthalate			Not detected	50.0	Not detected	5.0
Dimethylphthalate			Not detected	50.0	Not detected	5.0
Di-n-butylphthalate			Not detected	50.0	Not detected	5.0
Di-n-octylphthalate			Not detected	50.0	Not detected	5.0
Fluoranthene			Not detected	50.0	Not detected	5.0
Fluorene			Not detected	50.0	Not detected	5.0
Hexachlorobenzene			Not detected	50.0	Not detected	5.0
Hexachlorobutadiene			Not detected	50.0	Not detected	5.0
Hexachlorocyclopentadiene			Not detected	50.0	Not detected	5.0
Hexachloroethane			Not detected	50.0	Not detected	5.0
Indeno(1,2,3-cd)pyrene			Not detected	50.0	Not detected	5.0
Isophorone			Not detected	50.0	Not detected	5.0
Naphthalene			Not detected	50.0	Not detected	5.0
Nitrobenzene			Not detected	50.0	Not detected	5.0
N-Nitrosodi-n-propylamine			Not detected	50.0	Not detected	5.0
N-Nitrosodiphenylamine			Not detected	50.0	Not detected	5.0
Phenanthrene			Not detected	50.0	Not detected	5.0
Pyrene			Not detected	50.0	Not detected	5.0

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

YORK

Report Date: 8/3/2006
Client Project ID: 49 Dupont St.
York Project No.: 06070674

Notes for York Project No. 06070674

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: 8/3/2006

YORK

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

06070674

Field Chain-of-Custody Record

Company Name	Report To:	Invoice To:	Project ID/No.	
ASR 62 William St NY NY 10005	Steve M-	ASR	49 Dupont ST Bklyn	Samples Collected By (Signature): [signature] Name (Printed): Anthony Adesso

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	MW-1	7/24	X				8270 BN 8260 STARS	1 amber 2 vol
	MW-2							
	MW-3							
	MW-4							
	MW-5							
	MW-6							
	MW-7							
	MW-8							

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by [signature]	Date/Time 7/25	Sample Received by [signature]	Date/Time 7/25 4:30
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by [signature]	Date/Time

Comments/Special Instructions

4.2 C

Turn-Around Time

____Standard ____RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

0000074

Page 2 of 2

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature) / Name (Printed)
ASR 62 William St NY NY 10005	STEVE M.	ASR	49 Dupont St Brklyn	Anthony Adesso

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	MW-9	7/24	X				8270 BN - 8260 STARS	1 amber 2 WL
	MW-10		X					
	~~MW-11~~		~~X~~					

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	7/25 Date/Time	Sample Received by	7/25 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	7/25 1430 Date/Time

Comments/Special Instructions

4.2°C

Turn-Around Time

____Standard ____RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 9/27/2006
Re: Client Project ID: 49 Dupont St, Bklyn
York Project No.: 06090661

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: 9/27/2006
Client Project ID: 49 Dupont St., Bklyn
York Project No.: 06090661

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 09/19/06. The project was identifed as your project "49 Dupont St., Bklyn ".

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			MW-11		MW-12	
York Sample ID			06090661-01		06090661-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	5	Not detected	5
1,3,5-Trimethylbenzene			Not detected	5	Not detected	5
Benzene			Not detected	1	Not detected	1
Ethylbenzene			Not detected	5	Not detected	5
Isopropylbenzene			Not detected	5	Not detected	5
Methyl-tert-butyl ether			Not detected	5	Not detected	5
Naphthalene			Not detected	5	8	5
n-Butylbenzene			Not detected	5	Not detected	5
n-Propylbenzene			Not detected	5	Not detected	5
o-Xylene			Not detected	5	Not detected	5
p- & m- Xylenes			Not detected	5	Not detected	5
p-Isopropyltoluene			Not detected	5	Not detected	5
sec-Butylbenzene			Not detected	5	Not detected	5
tert-Butylbenzene			Not detected	5	Not detected	5
Toluene			Not detected	5	Not detected	5

YORK

Client Sample ID			MW-11		MW-12	
York Sample ID			06090661-01		06090661-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables water	SW846-8270	ug/L	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
2,4-Dinitrotoluene			Not detected	5.0	Not detected	5.0
2,6-Dinitrotoluene			Not detected	5.0	Not detected	5.0
2-Chloronaphthalene			Not detected	5.0	Not detected	5.0
2-Methylnaphthalene			Not detected	5.0	Not detected	5.0
2-Nitroaniline			Not detected	5.0	Not detected	5.0
3,3'-Dichlorobenzidine			Not detected	5.0	Not detected	5.0
3-Nitroaniline			Not detected	5.0	Not detected	5.0
4-Bromophenyl phenyl ether			Not detected	5.0	Not detected	5.0
4-Chloroaniline			Not detected	5.0	Not detected	5.0
4-Chlorophenyl phenyl ether			Not detected	5.0	Not detected	5.0
4-Nitroaniline			Not detected	5.0	Not detected	5.0
Acenaphthene			Not detected	5.0	Not detected	5.0
Acenaphthylene			Not detected	5.0	Not detected	5.0
Anthracene			Not detected	5.0	Not detected	5.0
Benzo(a)anthracene			Not detected	5.0	Not detected	5.0
Benzo(a)pyrene			Not detected	5.0	Not detected	5.0
Benzo(b)fluoranthene			Not detected	5.0	Not detected	5.0
Benzo(g,h,i)perylene			Not detected	5.0	Not detected	5.0
Benzo(k)fluoranthene			Not detected	5.0	Not detected	5.0
Bis(2-chloroethoxy)methane			Not detected	5.0	Not detected	5.0
Bis(2-chloroethyl)ether			Not detected	5.0	Not detected	5.0
Bis(2-chloroisopropyl)ether			Not detected	5.0	Not detected	5.0
Bis(2-ethylhexyl)phthalate			Not detected	5.0	Not detected	5.0
Butyl benzyl phthalate			Not detected	5.0	17	5.0
Carbazole			Not detected	5.0	Not detected	5.0
Chrysene			Not detected	5.0	Not detected	5.0
Dibenzo(a,h)anthracene			Not detected	5.0	Not detected	5.0
Dibenzofuran			Not detected	5.0	Not detected	5.0
Diethylphthalate			Not detected	5.0	Not detected	5.0
Dimethylphthalate			Not detected	5.0	Not detected	5.0
Di-n-butylphthalate			Not detected	5.0	Not detected	5.0
Di-n-octylphthalate			Not detected	5.0	Not detected	5.0
Fluoranthene			Not detected	5.0	Not detected	5.0
Fluorene			Not detected	5.0	Not detected	5.0
Hexachlorobenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Hexachlorocyclopentadiene			Not detected	5.0	Not detected	5.0
Hexachloroethane			Not detected	5.0	Not detected	5.0
Indeno(1,2,3-cd)pyrene			Not detected	5.0	Not detected	5.0
Isophorone			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
Nitrobenzene			Not detected	5.0	Not detected	5.0
N-Nitrosodi-n-propylamine			Not detected	5.0	Not detected	5.0
N-Nitrosodiphenylamine			Not detected	5.0	Not detected	5.0
Phenanthrene			Not detected	5.0	Not detected	5.0
Pyrene			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			MW-13		MW-14	
York Sample ID			06090661-03		06090661-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	5	Not detected	5
1,3,5-Trimethylbenzene			Not detected	5	Not detected	5
Benzene			Not detected	1	Not detected	1
Ethylbenzene			Not detected	5	Not detected	5
Isopropylbenzene			Not detected	5	Not detected	5
Methyl-tert-butyl ether			Not detected	5	Not detected	5
Naphthalene			Not detected	5	Not detected	5
n-Butylbenzene			Not detected	5	Not detected	5
n-Propylbenzene			Not detected	5	Not detected	5
o-Xylene			Not detected	5	Not detected	5
p- & m- Xylenes			Not detected	5	Not detected	5
p-Isopropyltoluene			Not detected	5	Not detected	5
sec-Butylbenzene			Not detected	5	Not detected	5
tert-Butylbenzene			Not detected	5	Not detected	5
Toluene			Not detected	5	Not detected	5
Base/Neutral Extractables water	SW846-8270	ug/L	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.25
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.25
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.25
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.25
2,4-Dinitrotoluene			Not detected	5.0	Not detected	5.25
2,6-Dinitrotoluene			Not detected	5.0	Not detected	5.25
2-Chloronaphthalene			Not detected	5.0	Not detected	5.25
2-Methylnaphthalene			Not detected	5.0	Not detected	5.25
2-Nitroaniline			Not detected	5.0	Not detected	5.25
3,3'-Dichlorobenzidine			Not detected	5.0	Not detected	5.25
3-Nitroaniline			Not detected	5.0	Not detected	5.25
4-Bromophenyl phenyl ether			Not detected	5.0	Not detected	5.25
4-Chloroaniline			Not detected	5.0	Not detected	5.25
4-Chlorophenyl phenyl ether			Not detected	5.0	Not detected	5.25
4-Nitroaniline			Not detected	5.0	Not detected	5.25
Acenaphthene			Not detected	5.0	Not detected	5.25
Acenaphthylene			Not detected	5.0	Not detected	5.25
Anthracene			Not detected	5.0	Not detected	5.25
Benzo(a)anthracene			Not detected	5.0	Not detected	5.25
Benzo(a)pyrene			Not detected	5.0	Not detected	5.25
Benzo(b)fluoranthene			Not detected	5.0	Not detected	5.25
Benzo(g,h,i)perylene			Not detected	5.0	Not detected	5.25
Benzo(k)fluoranthene			Not detected	5.0	Not detected	5.25
Bis(2-chloroethoxy)methane			Not detected	5.0	Not detected	5.25
Bis(2-chloroethyl)ether			Not detected	5.0	Not detected	5.25
Bis(2-chloroisopropyl)ether			Not detected	5.0	Not detected	5.25
Bis(2-ethylhexyl)phthalate			Not detected	5.0	Not detected	5.25
Butyl benzyl phthalate			Not detected	5.0	Not detected	5.25
Carbazole			Not detected	5.0	Not detected	5.25
Chrysene			Not detected	5.0	Not detected	5.25
Dibenzo(a,h)anthracene			Not detected	5.0	Not detected	5.25
Dibenzofuran			Not detected	5.0	Not detected	5.25

YORK

Client Sample ID			MW-13		MW-14	
York Sample ID			06090661-03		06090661-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Diethylphthalate			Not detected	5.0	Not detected	5.25
Dimethylphthalate			Not detected	5.0	Not detected	5.25
Di-n-butylphthalate			Not detected	5.0	Not detected	5.25
Di-n-octylphthalate			Not detected	5.0	Not detected	5.25
Fluoranthene			Not detected	5.0	Not detected	5.25
Fluorene			Not detected	5.0	Not detected	5.25
Hexachlorobenzene			Not detected	5.0	Not detected	5.25
Hexachlorobutadiene			Not detected	5.0	Not detected	5.25
Hexachlorocyclopentadiene			Not detected	5.0	Not detected	5.25
Hexachloroethane			Not detected	5.0	Not detected	5.25
Indeno(1,2,3-cd)pyrene			Not detected	5.0	Not detected	5.25
Isophorone			Not detected	5.0	Not detected	5.25
Naphthalene			Not detected	5.0	Not detected	5.25
Nitrobenzene			Not detected	5.0	Not detected	5.25
N-Nitrosodi-n-propylamine			Not detected	5.0	Not detected	5.25
N-Nitrosodiphenylamine			Not detected	5.0	Not detected	5.25
Phenanthrene			Not detected	5.0	Not detected	5.25
Pyrene			Not detected	5.0	Not detected	5.25

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. 06090661

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: 9/27/2006

YORK

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

Field Chain-of-Custody Record

0609 0661

Company Name	Report To:	Invoice To:	Project ID/No.
Advanced Site Restoration	Steve M	ASR	49 Depot St Bklyn

Samples Collected By (Signature)

Anthony Addesso
Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	MW-11	9/18	X				8270 BN	1 Amber
	MW-11		X				8260 STARS	2 VOAs
	MW-12		X				8270 BN	1 Amber
	MW-12		X				8260 STARS	2 VOAs
	MW-13		X				8270 BN	1 Amber
	MW-13		X				8260 STARS	2 VOAs
	MW-14		X				8270 BN	1 Amber
	MW-14		X				8260 STARS	2 VOAs

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	9/18/06 Date/Time	Sample Received by	9/19/06 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	9/19 3:12 Date/Time

Comments/Special Instructions

4.2.c

Turn-Around Time

___Standard ___RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 8/1/2006
Re: Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070673

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: 8/1/2006
Client Project ID: 49 Dupont St., Brooklyn, NY
York Project No.: 06070673

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 07/25/06. The project was identifed as your project "49 Dupont St., Brooklyn, NY".

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			5-10' ASR-11		10-15' ASR-11	
York Sample ID			06070673-01		06070673-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
Benzene			Not detected	2.0	Not detected	2.0
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methyl-tert-butyl ether			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m- Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10

YORK

Client Sample ID			5-10' ASR-11		10-15' ASR-11	
York Sample ID			06070673-01		06070673-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	190	165

YORK

Client Sample ID			ASR-11	
York Sample ID			06070673-03	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---
1,2,4-Trimethylbenzene			Not detected	5
1,3,5-Trimethylbenzene			Not detected	5
Benzene			2	1
Ethylbenzene			Not detected	5
Isopropylbenzene			Not detected	5
Methyl-tert-butyl ether			Not detected	5
Naphthalene			Not detected	5
n-Butylbenzene			Not detected	5
n-Propylbenzene			Not detected	5
o-Xylene			Not detected	5
p- & m- Xylenes			Not detected	5
p-Isopropyltoluene			Not detected	5
sec-Butylbenzene			Not detected	5
tert-Butylbenzene			Not detected	5
Toluene			Not detected	5
Base/Neutral Extractables water	SW846-8270	ug/L	---	---
1,2,4-Trichlorobenzene			Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0
2,4-Dinitrotoluene			Not detected	5.0
2,6-Dinitrotoluene			Not detected	5.0
2-Chloronaphthalene			Not detected	5.0
2-Methylnaphthalene			Not detected	5.0
2-Nitroaniline			Not detected	5.0
3,3'-Dichlorobenzidine			Not detected	5.0
3-Nitroaniline			Not detected	5.0
4-Bromophenyl phenyl ether			Not detected	5.0
4-Chloroaniline			Not detected	5.0
4-Chlorophenyl phenyl ether			Not detected	5.0
4-Nitroaniline			Not detected	5.0
Acenaphthene			Not detected	5.0
Acenaphthylene			Not detected	5.0
Anthracene			Not detected	5.0
Benzo(a)anthracene			Not detected	5.0
Benzo(a)pyrene			Not detected	5.0
Benzo(b)fluoranthene			Not detected	5.0
Benzo(g,h,i)perylene			Not detected	5.0
Benzo(k)fluoranthene			Not detected	5.0
Bis(2-chloroethoxy)methane			Not detected	5.0
Bis(2-chloroethyl)ether			Not detected	5.0
Bis(2-chloroisopropyl)ether			Not detected	5.0
Bis(2-ethylhexyl)phthalate			18	5.0
Butyl benzyl phthalate			Not detected	5.0
Carbazole			Not detected	5.0
Chrysene			Not detected	5.0
Dibenzo(a,h)anthracene			Not detected	5.0
Dibenzofuran			Not detected	5.0

YORK

Client Sample ID			ASR-11	
York Sample ID			06070673-03	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Diethylphthalate			Not detected	5.0
Dimethylphthalate			Not detected	5.0
Di-n-butylphthalate			Not detected	5.0
Di-n-octylphthalate			Not detected	5.0
Fluoranthene			Not detected	5.0
Fluorene			Not detected	5.0
Hexachlorobenzene			Not detected	5.0
Hexachlorobutadiene			Not detected	5.0
Hexachlorocyclopentadiene			Not detected	5.0
Hexachloroethane			Not detected	5.0
Indeno(1,2,3-cd)pyrene			Not detected	5.0
Isophorone			Not detected	5.0
Naphthalene			Not detected	5.0
Nitrobenzene			Not detected	5.0
N-Nitrosodi-n-propylamine			Not detected	5.0
N-Nitrosodiphenylamine			Not detected	5.0
Phenanthrene			Not detected	5.0
Pyrene			Not detected	5.0

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. 06070673

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: 8/1/2006

YORK

06070673 Page 1 of 1

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature) / Name (Printed)
ASR 62 William St NY NY 10005	Steve M	ASR	49 DuPont St Bklyn	[signature] Anthony Adesso

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
5-10'	ASR-11	7/24/06		X			8270 BN / 8260 STEPS	1 8oz / 4oz
10-15'	ASR-11	7/24/06		X			8270 BN / 8260 STEPS	1 8oz / 4oz
	ASR-11	7/24	X				8270 BN	1
	ASR-11	7/24	X				8260 STEPS	2 vol

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	[signature] Sample Relinquished by	7/25 Date/Time	[signature] Sample Received by	7/25/06 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Samantha C Sample Received in LAB by	7/25 4:30 Date/Time

Comments/Special Instructions

4.2°C

Turn-Around Time

____Standard ____RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 8/2/2006
Re: Client Project ID: 49 Dupont St., Brooklyn
York Project No.: 06070672

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: 8/2/2006
Client Project ID: 49 Dupont St., Brooklyn
York Project No.: 06070672

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 07/25/06. The project was identifed as your project "49 Dupont St., Brooklyn ".

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			5-10' ASR-12		10-15' ASR-12	
York Sample ID			06070672-01		06070672-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles- STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10	Not detected	130
1,3,5-Trimethylbenzene			Not detected	10	Not detected	130
Benzene			Not detected	2.0	Not detected	25
Ethylbenzene			Not detected	10	Not detected	130
Isopropylbenzene			Not detected	10	Not detected	130
Methyl-tert-butyl ether			Not detected	10	Not detected	130
Naphthalene			Not detected	10	Not detected	130
n-Butylbenzene			Not detected	10	Not detected	130
n-Propylbenzene			Not detected	10	Not detected	130
o-Xylene			Not detected	10	Not detected	130
p- & m- Xylenes			Not detected	10	Not detected	130
p-Isopropyltoluene			Not detected	10	Not detected	130
sec-Butylbenzene			Not detected	10	Not detected	130
tert-Butylbenzene			Not detected	10	Not detected	130
Toluene			Not detected	10	Not detected	130

YORK

Client Sample ID			5-10' ASR-12		10-15' ASR-12	
York Sample ID			06070672-01		06070672-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
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
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Carbazole			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenzo(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

YORK

Client Sample ID			ASR-12	
York Sample ID			06070672-03	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles-STARS List	SW846-8260	ug/L	---	---
1,2,4-Trimethylbenzene			Not detected	500
1,3,5-Trimethylbenzene			Not detected	500
Benzene			Not detected	100
Ethylbenzene			Not detected	500
Isopropylbenzene			Not detected	500
Methyl-tert-butyl ether			Not detected	500
Naphthalene			2300	500
n-Butylbenzene			Not detected	500
n-Propylbenzene			Not detected	500
o-Xylene			Not detected	500
p- & m- Xylenes			Not detected	500
p-Isopropyltoluene			Not detected	500
sec-Butylbenzene			Not detected	500
tert-Butylbenzene			Not detected	500
Toluene			Not detected	500
Base/Neutral Extractables water	SW846-8270	ug/L	---	---
1,2,4-Trichlorobenzene			Not detected	25.0
1,2-Dichlorobenzene			Not detected	25.0
1,3-Dichlorobenzene			Not detected	25.0
1,4-Dichlorobenzene			Not detected	25.0
2,4-Dinitrotoluene			Not detected	25.0
2,6-Dinitrotoluene			Not detected	25.0
2-Chloronaphthalene			Not detected	25.0
2-Methylnaphthalene			210	25.0
2-Nitroaniline			Not detected	25.0
3,3'-Dichlorobenzidine			Not detected	25.0
3-Nitroaniline			Not detected	25.0
4-Bromophenyl phenyl ether			Not detected	25.0
4-Chloroaniline			Not detected	25.0
4-Chlorophenyl phenyl ether			Not detected	25.0
4-Nitroaniline			Not detected	25.0
Acenaphthene			Not detected	25.0
Acenaphthylene			Not detected	25.0
Anthracene			Not detected	25.0
Benzo(a)anthracene			Not detected	25.0
Benzo(a)pyrene			Not detected	25.0
Benzo(b)fluoranthene			Not detected	25.0
Benzo(g,h,i)perylene			Not detected	25.0
Benzo(k)fluoranthene			Not detected	25.0
Bis(2-chloroethoxy)methane			Not detected	25.0
Bis(2-chloroethyl)ether			Not detected	25.0
Bis(2-chloroisopropyl)ether			Not detected	25.0
Bis(2-ethylhexyl)phthalate			Not detected	25.0
Butyl benzyl phthalate			Not detected	25.0
Carbazole			Not detected	25.0
Chrysene			Not detected	25.0
Dibenzo(a,h)anthracene			Not detected	25.0
Dibenzofuran			Not detected	25.0

YORK

Client Sample ID			ASR-12	
York Sample ID			06070672-03	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Diethylphthalate			Not detected	25.0
Dimethylphthalate			Not detected	25.0
Di-n-butylphthalate			Not detected	25.0
Di-n-octylphthalate			Not detected	25.0
Fluoranthene			Not detected	25.0
Fluorene			Not detected	25.0
Hexachlorobenzene			Not detected	25.0
Hexachlorobutadiene			Not detected	25.0
Hexachlorocyclopentadiene			Not detected	25.0
Hexachloroethane			Not detected	25.0
Indeno(1,2,3-cd)pyrene			Not detected	25.0
Isophorone			Not detected	25.0
Naphthalene			210	25.0
Nitrobenzene			Not detected	25.0
N-Nitrosodi-n-propylamine			Not detected	25.0
N-Nitrosodiphenylamine			Not detected	25.0
Phenanthrene			Not detected	25.0
Pyrene			Not detected	25.0

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. 06070672

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: 8/2/2006

YORK

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Q007062

Page 1 of 1

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature) / Name (Printed)
ASR G2 Williams NY NY 10005	Steve	ASR	49 Dupont St BKLYN	Anthony Adesso

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
5-10'	ASR-12	7/24		X			8270 BN / 8260 STARS	1 8oz / 4oz
10-11'	"	7/24		X			" "	1 8oz / 4oz
		7/24	X				8270 BN	1 AMBER
		7/24	X				8260 STARS	2 VOL

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	7/25/06 Date/Time	Sample Received by	Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	7/26 1:30 Date/Time

Comments/Special Instructions

4.2°C

Turn-Around Time

___Standard ___RUSH(define)_____

APPENDIX - E

Manifests

Land Disposal Restriction & Certification Form

Please check the appropriate facility:

☐ **Michigan Disposal Waste Treatment Plant**	49350 N. I-94 Service Drive, Belleville, MI 48111	EPA ID # MID 000 724 831
☐ **Wayne Disposal, Inc. Site #2 Landfill**	49350 N. I-94 Service Drive, Belleville, MI 48111	EPA ID # MID 048 090 633
☒ **EQ Detroit, Inc.**	1923 Frederick Street, Detroit, MI 48211	EPA ID # MID 980 991 566
☐ **EQ Resource Recovery, Inc.**	36345 Van Born Road, Romulus, MI 48174	EPA ID # MID 060 975 844
☐ **EQ North Carolina**	1005 Investment Blvd, Apex, NC 27502	EPA ID # NCD 982 170 292
☐ **EQ Florida, Inc.**	7202 East 8th Ave, Tampa, FL 33619	EPA ID # FLD 981 932 494

Generator Name: Nu Hart & Company **U.S. EPA ID No.:** NYD 001468354

Generator Address: 49-55 DuPont Avenue, Brooklyn, NY 11222

State Manifest No.: 00129324S **Manifest Doc. No.:** 00129324S

Instructions

Column 1: Identify all U.S. EPA hazardous waste codes that apply to this waste shipment.
Column 2: Choose the appropriate treatability group: Non-Wastewater (NWW) or Wastewater (WW).
Column 3: Enter the appropriate Subcategory, if applicable, and also enter "Contaminated Soil" or "Debris" if the waste will be treated using one of the alternative treatment technologies provided by 268.49 (c) – soil, or 268.45 – debris.
Column 4: Enter the letter of the appropriate paragraph from pages 1-2 of this form.
Column 5: For F001 – F005, F039, D001 – D043, Debris and Contaminated Soil: please enter the Reference Number(s) for any constituents in your waste stream subject to treatment. The Reference Number(s) can be found in the EQ Resource Guide, LDR/UHC Constituent Table.

Manifest Line Item	U.S. EPA Hazardous Waste Code (s)	NWW or WW	Subcategory	How Must the Waste be Managed?	Reference Number(s) of Hazardous Constituents contained in the waste. Complete for F001-F005, F039, D001-D043, Soil and Debris wastes.
11A	U028	NWW	N/A	A	None
11B	U028	NWW	N/A	A, S	None
11C					
11D					

I hereby certify that all information submitted on this and all associated documents is complete and accurate to the best of my knowledge and information.

Generator Signature: REP. FOR OWNER **Title:** REP. FOR OWNER

Printed Name: E. VARGAS **Date:** 2/14/07

How Must the Waste Be Managed?

S. THIS CONTAMINATED SOIL (*DOES* / *DOES NOT*) (CIRCLE ONE) CONTAIN LISTED HAZARDOUS WASTE AND (*DOES* / *DOES NOT*) (CIRCLE ONE) EXHIBIT A CHARACTERISTIC OF HAZARDOUS WASTE AND (*IS SUBJECT TO* / *COMPLIES WITH*) (CIRCLE ONE) THE SOIL TREATMENT STANDARDS AS PROVIDED BY 268.49(c) OR THE UNIVERSAL TREATMENT STANDARDS. I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

Land Disposal Restriction & Certification Form

Please check the appropriate facility:

☐ **Michigan Disposal Waste Treatment Plant**	49350 N. I-94 Service Drive, Belleville, MI 48111	EPA ID # MID 000 724 831
☐ **Wayne Disposal, Inc. Site #2 Landfill**	49350 N. I-94 Service Drive, Belleville, MI 48111	EPA ID # MID 048 090 633
☒ **EQ Detroit, Inc.**	1923 Frederick Street, Detroit, MI 48211	EPA ID # MID 980 991 566
☐ **EQ Resource Recovery, Inc.**	36345 Van Born Road, Romulus, MI 48174	EPA ID # MID 060 975 844
☐ **EQ North Carolina**	1005 Investment Blvd, Apex, NC 27502	EPA ID # NCD 982 170 292
☐ **EQ Florida, Inc.**	7202 East 8th Ave, Tampa, FL 33619	EPA ID # FLD 981 932 494

Generator Name: Nu Hart & Company **U.S. EPA ID No.:** NYD 001468354

Generator Address: 49-55 DuPont Avenue, Brooklyn, NY 11222

State Manifest No.: 00129324S **Manifest Doc. No.:** 00129324S

Instructions

Column 1: Identify all U.S. EPA hazardous waste codes that apply to this waste shipment.
Column 2: Choose the appropriate treatability group: Non-Wastewater (NWW) or Wastewater (WW).
Column 3: Enter the appropriate Subcategory, if applicable, and also enter "Contaminated Soil" or "Debris" if the waste will be treated using one of the alternative treatment technologies provided by 268.49 (c) – soil, or 268.45 – debris.
Column 4: Enter the letter of the appropriate paragraph from pages 1-2 of this form.
Column 5: For F001 – F005, F039, D001 – D043, Debris and Contaminated Soil: please enter the Reference Number(s) for any constituents in your waste stream subject to treatment. The Reference Number(s) can be found in the EQ Resource Guide, LDR/UHC Constituent Table.

Manifest Line Item	U.S. EPA Hazardous Waste Code (s)	NWW or WW	Subcategory	How Must the Waste be Managed?	Reference Number(s) of Hazardous Constituents contained in the waste. Complete for F001-F005, F039, D001-D043, Soil and Debris wastes.
11A	U028	NWW	N/A	A	None
11B	U028	NWW	N/A	A, S	None
11C					
11D					

I hereby certify that all information submitted on this and all associated documents is complete and accurate to the best of my knowledge and information.

Generator Signature: REP. FOR OWNER **Title:** REP. FOR OWNER

Printed Name: E. Vazquez **Date:** 2/14/07

How Must the Waste Be Managed?

S. THIS CONTAMINATED SOIL (*DOES* / *DOES NOT*) (CIRCLE ONE) CONTAIN LISTED HAZARDOUS WASTE AND (*DOES* / *DOES NOT*) (CIRCLE ONE) EXHIBIT A CHARACTERISTIC OF HAZARDOUS WASTE AND (*IS SUBJECT TO* / *COMPLIES WITH*) (CIRCLE ONE) THE SOIL TREATMENT STANDARDS AS PROVIDED BY 268.49(c) OR THE UNIVERSAL TREATMENT STANDARDS. I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

10803-1

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	3. Emergency Response Phone	4. Manifest Tracking Number
	NYD001468354	1	610 519 5800	001293018 JJK

GENERATOR

5. Generator's Name and Mailing Address
MD-HART & COMPANY
345 BAYSHORE RD
DEER PARK, NY 11729
Generator's Phone: 631 586 9444

Generator's Site Address (if different than mailing address)
41-55 DUPONT AVE
BROOKLYN, NY 11222

6. Transporter 1 Company Name
US ENVIRONMENTAL, INC
U.S. EPA ID Number
PAR 000574041

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
E.I. DUPONT DE NEMOURS
CHAMBERS WORKS - ROUTE 130
DEEPWATER, NJ 08023
Facility's Phone: 856 540 2773
U.S. EPA ID Number
NJD 002385730

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		
X	1. RQ HAZARDOUS WASTE, LIQUID, N.O.S. (ACETONE), 9, NA3082, PG III, (D001), ERG 171	1	TT	1310	G	D001		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
17 L; APPROVAL# 01J10883
REL 1
B/L 37505

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 | Signature | Month | Day | Year

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: WILLIAM BRANCH | Signature: William Branch | Month: 7 | Day: 7 | 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.
H109			

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

365 Bayshore Road, P.O. Box 786
Deer Park, NY 11729

Brooklyn, NY 11222

Generator's Phone: 631 586-9444

6. Transporter 1 Company Name: Freehold Cartage, Inc. — U.S. EPA ID Number: NJD054126164

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: MQ, Detroit, Inc., 1923 Frederick Street, Detroit, MI 48211 — U.S. EPA ID Number: MID980991566

Facility's Phone: 313-923-0080

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
X	1. RQ, Hazardous waste, liquid, n.o.s., (Phthalate), 9, NA3082, PGIII, (U028), ERG#:171	12	DM	750	G	U028
X	2. Hazardous waste, solid, n.o.s., (Phthalate), 9, NA3077, PGIII, (U028); ERG#:171	3	DM	150	G	U028
	3. Non-DOT/Non-RCRA Regulated Waste Sludge, (RCRA Oil Sludge)	53	DM		P	NONE
	4.					

14. Special Handling Instructions and Additional Information
1) Approval #: A075206DWT/Phthalate Tank Bottom 2) Approval #: A076232DWT/Phthalate Soil Cuttings 3) Approval #: B071007DWT/RCRA Oil Sludge

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: REP FOR OWNER E. VAZQUEZ — Signature: — Month: 2 Day: 14 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: DON Houston — Signature: Don Houston — Month: Feb Day: 14 Year: 2007

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

FREEHOLD CARTAGE INC.

P.O. BOX 5010 • FREEHOLD, NJ 07728-5010
(732) 462-1001 • FAX (732) 308-0924

BILL OF LADING

FCI EPA ID NO. NJD054126164

R 46558

116 Schoolground Rd.	390 Pigeon Point Road	175 Barlow Mem. Airport	5530 Dunham Road	108 Monahan Avenue	40 Boulevard St.
Branford, CT 06405	New Castle, DE 19720	Bartow, FL 33830	Maple Heights, OH 44137	Dunmore, PA 18512	Sumter, SC 29150
Phone: (203) 483-9964	Phone: (302) 658-2005	Phone: (863) 533-4599	Phone: (330) 609-3475	Phone: (570) 342-7232	Phone: (803) 773-2411
Fax: (203) 483-9984	Fax: (302) 658-6229	Fax: (863) 533-1613	Fax: (330) 609-3732	Fax: (570) 342-7367	Fax: (803) 773-2942

SHIPPER NAME/ADDRESS	PHONE (AREA CODE)	
Nu-Hart + Company 49-55 DuPont Ave. Brooklyn, NY 11222	631-586-1444	NYD 0 0 1 4 6 8 3 5 4
	TRACTOR: 775	TRAILER: 410
		APPOINTMENT TIME: : 00 AM

FCI REP. LOADING (PRINT)	PROCEDURE	EQUIP. SPOTTED	EQUIP. REMOVED	TIME AT SHIPPER (MILITARY TIME ONLY)
Don Houston	Liveload			13:30 ARRIVAL TIME — 15:45 DEPARTURE TIME

COMMENTS OR DELAYS AT SHIPPER

EQUIPMENT USED: VAN

BROKER

PO#: WO#:

MANIFEST / DOCUMENT NO.

(X) HM		PROPER U.S. D.O.T. SHIPPING NAME	U.S. D.O.T. HAZARDOUS CLASS	NA / UN NO.	PACKING GROUP	NO. CONT.	CONT. TYPE	NET QUANTITY	UNIT MEASURE	WASTE NO.	FORM
	1	MANIFEST #				68	DM				
	2	00129348 JJK									
	3										

SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION NUMBER

68 total

SHIPPER'S CERTIFICATION. This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The materials described above were consigned to the Transporter named. The consignee can and will accept the shipment and has a valid permit to do so if required. I certify that the foregoing is true and correct to the best of my knowledge.

Payment to the contractor for waste removal does not constitute payment to the carrier and if the contractor does not pay the carrier, the shipper is obligated to pay the agreed rate offered to the contractor.

PLEASE PRINT NAME/TITLE	SHIPPER'S SIGNATURE	DATE LOADED
REP FOR OWNER E. VAZQUEZ	X Efrain Vazquez REP FOR OWNER (HAVING READ THE ABOVE AND UNDERSTOOD AND AGREE TO ALL OF ITS CONTENT)	Feb 14 2007 MO. DAY YR.

CONSIGNEE NAME/ADDRESS	PHONE (AREA CODE)	
EQ Detroit Inc. Detroit, MI 48211	313-123-0080	MID 9 8 0 9 9 1 5 6 8
	TRACTOR: 775	TRAILER: 410
		APPOINTMENT TIME: :

FCI REP. UNLOADING (PRINT)	PROCEDURE	EQUIP. SPOTTED	EQUIP. REMOVED	TIME AT CONSIGNEE (MILITARY TIME ONLY)
	OFF/OAD			: ARRIVAL TIME — : DEPARTURE TIME

COMMENTS OR DELAYS AT CONSIGNEE

EQUIPMENT USED: VAN

PLEASE PRINT NAME/TITLE	CONSIGNEE SIGNATURE	DATE UNLOADED
	X	/ / MO. DAY YR.

AR H-0257	MD HWH-167 2001-OPV-2935	MO H-1490	OH UPW-0190713-OH	TX 40705
CT CT-HW-307	ME ME-HWT-47 ME-WOT-47	ND WH-429	OK UPW-0190713-OH	WI 11602
DE DE-HW-203 DE SW-283	MI UPW-0190713-OH	NH TNH-0047	ONTARIO, CANADA A 840643	WV UPW-0190713-OH
IL UPW-0190713-OH	MN UPW-0190713-OH	NJ S-2265 15939	PA PA-AH-0067	
MA MA-294		NY NJ-113	QUEBEC, CANADA QC-SML-047 PR PR-535	

White - FCI Original
Yellow - FCI Billing
Blue - FCI Office/Customer
Green - Retained by TSDF
Gold - Retained by Generator

R 46558

ADVANCED SITE RESTORATION, LLC
ENVIRONMENTAL SERVICES

Quarterly Sampling Report

Third Quarter, 2007

49-55 Dupont Street, Brooklyn, New York 11222
NYSDEC SPILL # 06-01852



Prepared By:

Advanced Site Restoration, LLC
62 William Street, New York, N.Y. 10005

Prepared For:

49 Dupont Realty Corporation
49-55 Dupont St., Brooklyn, New York 11222

Christopher Tomasello, IH
Project Technician

Steven Muller, CEC
Project Manager

November 15, 2007

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Table – 2 Groundwater Dissolved Constituent Sampling
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Appendix – B Monthly Monitoring Report
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1.0 INTRODUCTION

Advanced Site Restoration, LLC (ASR) has developed this Quarterly Sampling Report on behalf of 49 Dupont Realty Corporation for 49-55 Dupont Street in Brooklyn, New York (the Site). The purpose of this report is to provide an update on the ongoing site investigation and Interim Remedial Measure (IRM) taking place at the Site.

In October, 2007, ASR conducted groundwater monitoring and sampling to provide an updated delineation of the contaminant plume. ASR began the subsurface investigation at the Site in July 2006, and has since performed monthly monitoring and quarterly groundwater sampling. In addition, ASR has performed light, non-aqueous phase liquid (LNAPL) recovery and removal from specially designated recovery wells and monitoring wells.

The October, 2007, groundwater monitoring and sampling data indicates that the contaminant plume is contained and stable. The thickness of LNAPL in the monitoring and recovery wells was found to be decreasing as the LNAPL removal program continues. All groundwater monitoring wells which do not contain LNAPL, including two (2) down gradient wells were sampled and analyzed. The October, 2007, analytical data indicated that no phthalates or VOCs were detected in excess of the laboratory minimum detection limits.

2.0 SITE CHARACTERIZATION

2.1 Site Description

The Site is legally identified as New York City Tax Block 2487, Tax Lots 1, 10, 12, 17, 18, 20, 21, 57, 72, and 78. The current owner since 1983 is 49 Dupont Realty Corporation. The Site is a former manufacturing facility. The New York City Department of Finance Occupancy Code is "F-9, Factory Industrial." According to the Sanborn Map Report from Environmental Data Resources, Inc. (EDR), industrial activity at the Site dates back to at least 1887.

Historic use of the Site has included manufacturing, office, storage, shipping and receiving. More recently, the site had been used as a plastic manufacturing facility since 1950. According to *FPM Group* who completed a Phase I Site Assessment, dated April 2005 for the Site, it is reported that commercial uses prior to 1950 included a boiler shop for Logan Ironworks, two stable buildings, a gas and light fixture factory, a sheet metal works, a soap manufacturer, a water proofing manufacturer, and a scrap metal facility.

3.0 SITE INVESTIGATION RESULTS

3.1 Monitoring Well Gauging

On October 21, 2007, ASR personnel measured the depth to groundwater, and monitored for the presence of LNAPL at the Site and the surrounding monitoring well network. A total of twenty-two (22) monitoring wells were gauged. LNAPL was detected in fifteen (15) of the twenty-two (22) wells (MW-1, MW-4, MW-5, MW-6, MW-7, MW-9, MW-15, MW-16, RW-2, RW-3, RW-4, RW-5, RW-6, and RW-7). The measured thickness of LNAPL in twelve (12) of the fifteen (15) wells ranged from a sheen to 9 inches thick. In MW-5, LNAPL was detected at a thickness of 5.33 ft. In MW-9 and RW-7, LNAPL viscosity prevented an accurate thickness. Based on the monitoring results, the LNAPL plume appears to be contained to the west and northeast sections of the Site. Although LNAPL was detected beneath the sidewalk adjacent to the Site, it was not detected in either of the two (2) down gradient wells, (MW-12 and MW-13).

The depth to groundwater was detected at a range of 7.61 ft to 15.74 ft. A previous groundwater survey indicated that the groundwater flow direction is in a northwesterly direction. The location of all groundwater monitoring wells is shown on the Monitoring Well Location Map, Appendix-A Figure – 2. All monitoring data is attached as Appendix-B, *Monitoring Well Gauging Data.*

3.2 Monitoring Well Sampling

On October 20 and 22, 2007, ASR personnel sampled seven (7) groundwater monitoring wells (MW-2, MW-3, MW-8, MW-10, MW-12, MW-13, and MW-14). New disposable polyethylene tubing was used with a peristaltic pump for groundwater purging and sample collection. The groundwater samples were submitted to York Analytical Laboratories, Inc. for analysis by EPA Method 8270 BN.

On October 24, 2007, ASR personnel returned to the Site to collect groundwater samples from the same seven (7) groundwater monitoring wells. These groundwater samples were also submitted to York Analytical Laboratories, Inc. but were analyzed for volatile organic compounds (VOCs) using EPA Method 8260 Stars. All sampling data is attached in Appendix-C, *Groundwater Dissolved Constituent Sampling.*

3.3 Sampling Analysis

Bis (2-ethylhexyl) Phthalate has historically been detected as both LNAPL and a dissolved constituent in previous groundwater sampling activities. The October, 2007, groundwater analytical results indicated that no phthalates or VOCs were detected in any of the seven (7) groundwater monitoring wells that were sampled.

3.4 LNAPL Recovery Program

An LNAPL removal program was implemented in November, 2006, and has continued through the date of this report. The LNAPL being removed is a combination of plasticizers and #4 fuel oil. LNAPL recovery is occurring at recovery wells RW-2, RW-3, RW-8, RW-9, RW-8, RW-10, and monitoring wells MW-5, and MW-6. Monitoring wells MW-15 and MW-16 were recently added to the LNAPL recovery program and RW-7 was added in October 2007. Approximately 1,100 gallons of LNAPL was removed in the third quarter of 2007 using the *Spillbuster* product only pumps. In November, 2007, an additional 33 gallons of LNAPL was recovered. A total of approximately 4,200 gallons have been removed from the ground as of the date of this report. On August 16, 2007 3,200 gallons of LNAPL were removed from the site using a vacuum truck. The remaining 1,000 gallons are currently being stored on Site, as additional product continues to be recovered from the ground. A vacuum truck will remove all of the LNAPL being stored on Site when it is deemed necessary and efficient to do so.

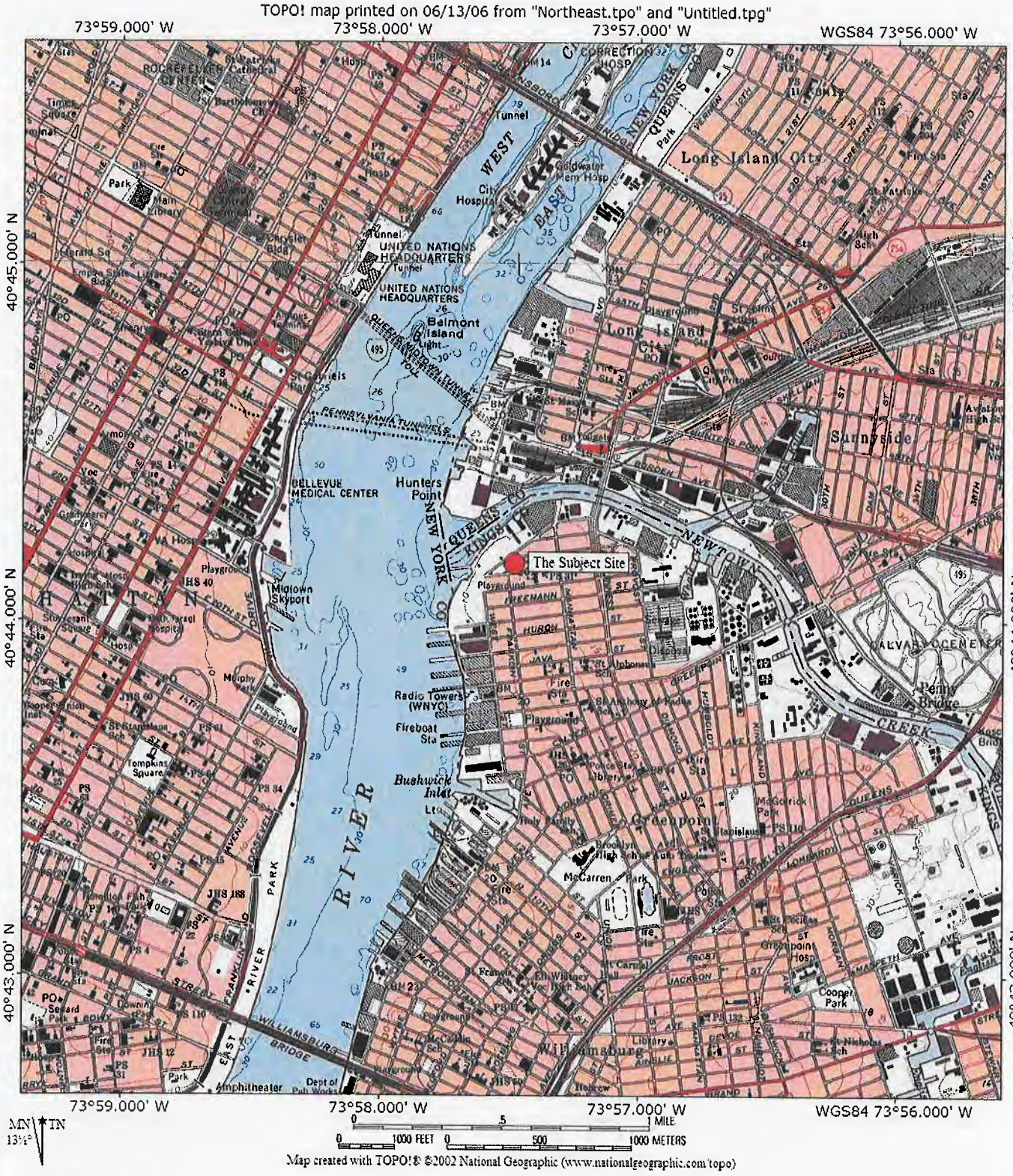
4.0 CONCLUSION

As per the October 2007 groundwater monitoring and sampling activities, the contaminant plume is contained and stable. LNAPL continues to exist at the Site, ranging in thickness from a sheen to several feet. The thickness of LNAPL in the wells were found to be decreasing as the LNAPL recovery program continues. All groundwater monitoring wells not containing LNAPL, including two (2) down gradient monitoring wells, were sampled. Analysis indicated that no phthalates or VOCs were detected in excess of the laboratory minimum detection limits.

ASR will continue to monitor and sample all groundwater monitoring wells to determine the status of the identified contamination. ASR will also continue to perform the product recovery program as the ongoing IRM, and monitor the progress of this program.

APPENDIX – A

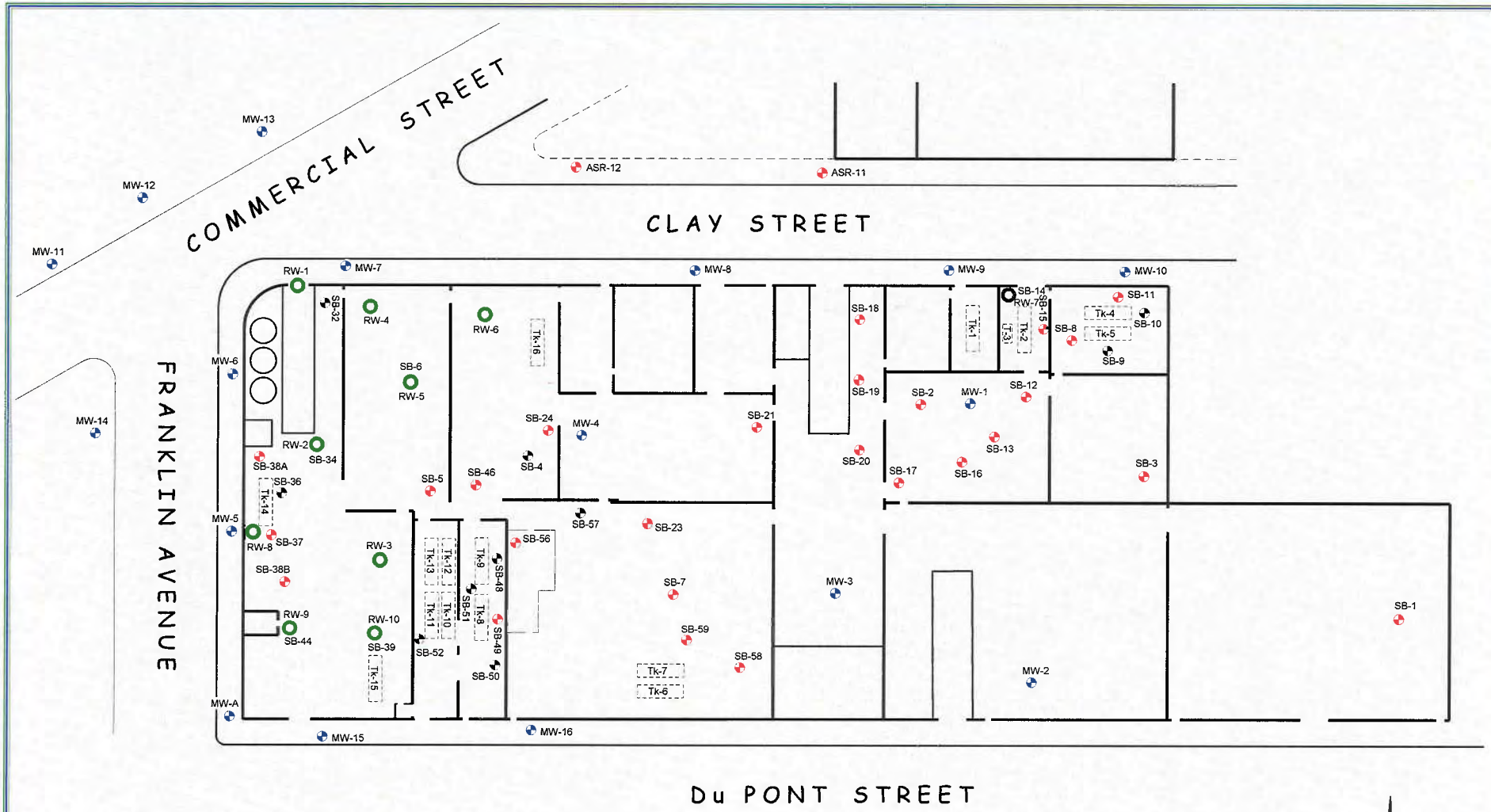
Figures



ADVANCED Site Restoration, LLC.
Environmental Services

62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr.com

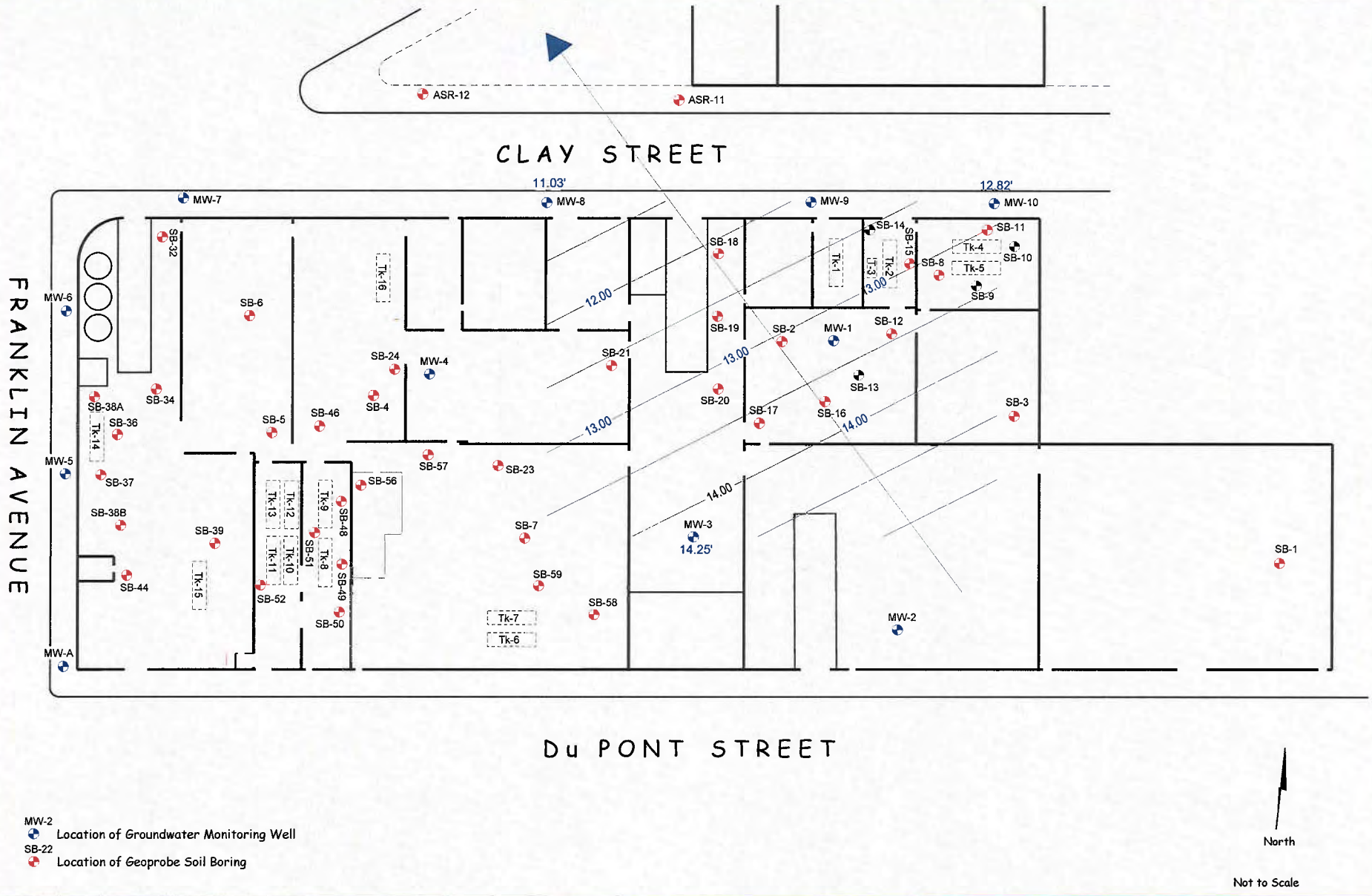
Site Location Map
49-55 Dupont Street
Brooklyn, New York 11222



ADVANCED Site Restoration, LLC.
Environmental Services
62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr.com

Figure 1
Borehole & Well Location Map
June 2007
SWM

NuHart & Company, Inc.
49 - 55 Dupont Street
Brooklyn, New York



ADVANCED Site Restoration, LLC.
Environmental Services

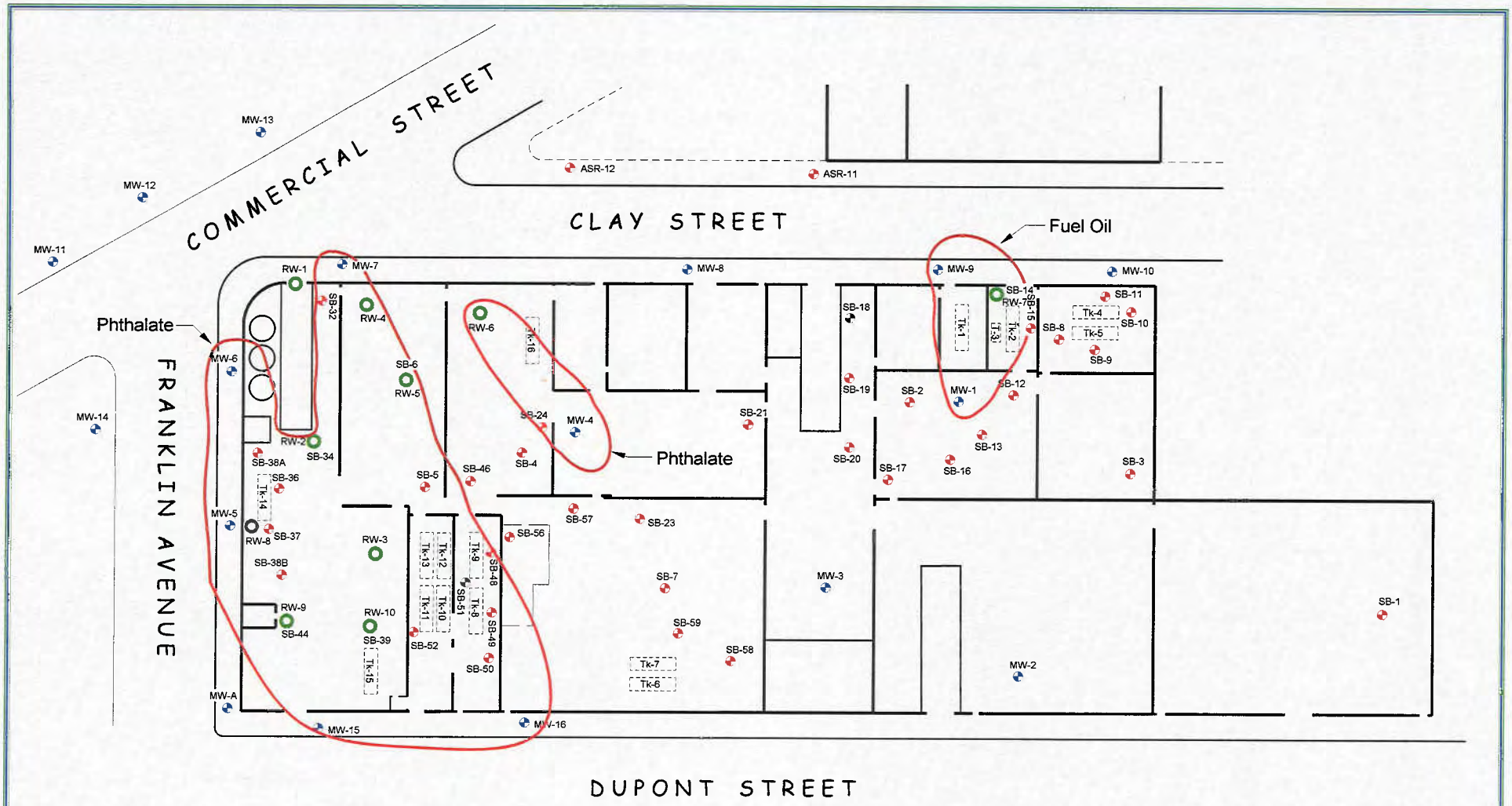
62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr.com

Groundwater Gradient Map
August 1, 2006

SWM

Rev: 08/23/06

49 Dupont Realty Corp.
49 - 55 Dupont Street
Brooklyn, New York



ADVANCED Site Restoration, LLC.
Environmental Services

62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr.com

LNAPL Plume Map
49 - 55 Dupont Street
Brooklyn, New York
Oct., 2007

SWM

MW-2 Location of Groundwater Monitoring Well
SB-22 Location of Geoprobe Soil Boring
RW-3 Location of Product Recovery Wells
Area where LNAPL was detected

North

Not to Scale

APPENDIX – B

Monthly Monitoring Report

ADVANCED SITE RESTORATION, LLC

ENVIRONMENTAL SERVICES

MONTHLY MONITORING REPORT

Site Address:	*NuHart & Company, Inc.* *49- 55 Dupont Street* *Brooklyn, New York*	**Regulatory Agency:** **Regulatory Contact:** **Spill File:**	*NYSDEC (Region II)* *Raphael Katani* *06-01852*
Prepared for:	*49 Dupont Realty Corp.* *Brooklyn, New York*	**Dupont Contact** **ASR Contact**	*Joe Folkman* *Steven Muller*

Report Date *November 15, 2007*

Current Site Status *Former Manufacturing Facility*

Monitoring Period *October, 2007*

Well Information

Number/Type: *15 - 2 inch diameter monitoring wells*
10 - 4 inch diameter recovery wells

Groundwater Monitoring

Gauging Frequency:	*Monthly*	
Sampling Frequency:	*Quarterly*	
Wells containing LNAPL:	*15*	
LNAPL Thickness (max):	*5.33*	*(MW-5)*
Total BTEX:	*<MDL (October, 2007)*	
MtBE:	*<MDL (October, 2007)*	
Groundwater Depth:	*7.61ft to 15.74ft*	
Groundwater Flow Direction:	*Northwesterly*	

Surrounding Land Use:

North:	*Hardware Store/Warehouse*
South:	*Residential Homes*
East:	*Multi-Family Residential Buildings*
West:	*New York City Lot*

Remedial Activities: *An Interum Remedial Measure consisting of two continous operating product only pumps and daily hand bailing is on-going. Approximately 4,200 gallons of product have been removed from the site to date.*

Prepared By: **Christopher Tomasello**

Reviewed By: **Steven Muller**

49 Dupont Street
Brooklyn, New York

Monitoring Well Gauging Data

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-1	5/10/2006	25.19	10.89	10.88	0.01	14.30
	11/20/2006		10.83	10.79	0.04	14.36
	6/18/2007		10.70	10.68	0.02	14.49
	8/13/2007		10.30	10.25	0.05	14.89
	9/24/2007		11.14	11.12	0.02	14.05
	10/21/2007		11.32	11.34	0.02	13.87
MW-2	5/10/2006	25.34	11.78	----	----	13.56
	11/20/2006		NA			
	4/25/2007		7.66			17.68
	5/10/2007		8.64			16.70
	6/18/2007		9.66			15.68
	8/13/2007		8.30			17.04
	9/24/2007		10.20			15.14
	10/21/2007		10.44			14.90
MW-3	5/10/2006	25.52	9.83	----	----	15.69
	8/10/2006		11.27	----	----	14.25
	11/20/2006		NA			
	4/25/2007		10.98			14.54
	5/10/2007		9.50			16.02
	6/18/2007		11.53			13.99
	8/13/2007		11.01			14.51
	9/24/2007		11.94			13.68
	10/21/2007		12.26			13.36
MW-4	5/10/2006	25.62	13.90	12.28	1.62	11.72
	11/20/2006		13.56	12.28	1.28	12.06
	5/10/2007		11.92	11.80	0.12	13.70
	6/18/2007		12.55	12.37	0.18	13.07
	8/13/2007		12.42	12.07	0.35	13.20
	9/24/2007		12.98	12.78	0.20	12.63
	10/21/2007		13.02	13.14	0.12	12.60
MW-5	8/10/2006	19.57	14.90	9.11	5.79	4.67
	11/20/2006		10.30	9.17	1.13	9.27
	5/10/2007		9.29	8.82	0.47	10.28
	6/18/2007		12.25	9.27	2.98	7.32
	8/13/2007		9.70	9.16	0.54	9.87
	9/24/2007		11.79	9.70	2.09	7.78
	10/21/2007		15.04	9.71	5.33	4.43

49 Dupont Street
Brooklyn, New York

Monitoring Well Gauging Data

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-6	8/10/2006	18.62	12.00	8.28	3.72	6.62
	11/20/2006		8.85	8.23	0.62	9.77
	5/10/2007		8.41	7.87	0.54	10.21
	6/18/2007		9.34	9.07	0.27	9.28
	8/13/2007		10.25	8.69	1.56	8.37
	9/24/2007		9.82	9.45	0.37	8.79
	10/21/2007		9.99	9.62	0.37	8.63
MW-7	8/10/2006	18.75	10.52	8.62	1.90	8.23
	11/20/2006		8.80	8.52	0.28	9.95
	5/10/2007		8.33	8.21	0.12	10.42
	6/18/2007		9.12	8.66	0.46	9.63
	8/13/2007		9.50	8.65	0.85	9.25
	9/24/2007		9.71	9.10	0.61	9.04
	10/21/2007		9.48	9.14	0.34	9.27
MW-8	8/10/2006	20.26	9.46	----	----	10.80
	11/20/2006		NA			
	5/10/2007		8.86			11.40
	6/18/2007		9.40			10.86
	8/13/2007		9.45			10.81
	9/24/2007		9.78			10.48
	10/21/2007		10.03			10.23
MW-9	8/10/2006	20.62	10.22	7.88	2.34	10.40
	11/20/2006		LNAPL			
	6/18/2007		too thick			
	8/13/2007		too thick			
	9/24/2007		unknown	8.79		
	10/21/2007		unknown			
MW-10	8/1/2006	21.04	8.22	----	----	12.82
	5/10/2007		7.97			13.07
	6/18/2007		8.25			12.79
	9/24/2007		8.69			12.79
	10/21/2007		8.64			12.40

49 Dupont Street
Brooklyn, New York

Monitoring Well Gauging Data

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-11	9/19/2006	17.01	7.07	----	----	9.94
	11/20/2006					
	5/10/2007		DESTROYED			
MW-12	9/19/2006	16.99	7.10	----	----	9.89
	11/20/2006					
	5/10/2007		6.89			10.10
	8/13/2007		6.57			10.42
	9/24/2007		7.74			9.25
	10/21/2007		7.61			9.38
MW-13	9/19/2006	17.20	7.16	----	----	10.04
	11/20/2006					
	5/10/2007		6.87			10.33
	8/13/2007		6.51			10.69
	9/24/2007		7.89			9.31
	10/21/2007		7.72			9.48
MW-14	9/19/2006	18.23	8.11	----	----	10.12
	11/20/2006					
	5/10/2007		7.60			10.63
	8/13/2007		8.23			10.00
	9/24/2007		8.52			9.71
	10/21/2007		8.61			9.62
MW-15	5/10/2007	NA	10.83	9.35	1.48	
	5/23/2007		9.72	9.70	0.02	
	6/18/2007		10.02	9.93	0.09	
	8/13/2007		9.70	9.16	0.54	
	9/24/2007		10.73	10.32	0.41	
	10/21/2007		10.44	10.37	0.07	
MW-16	5/10/2007	NA	11.07	9.98	1.09	
	5/23/2007		10.54	10.31	0.23	
	6/18/2007		11.27	10.59	0.68	
	8/13/2007		11.81	10.46	1.35	
	9/24/2007		11.03	11.09	0.06	
	10/21/2007		11.16	11.14	0.02	

49 Dupont Street
Brooklyn, New York

Monitoring Well Gauging Data

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-A	8/10/2006	20.30	15.66	9.96	5.70	4.64
	11/20/2006					
	9/24/2007					
RW-1	11/20/2006	NA	8.38			
	4/25/2007		7.57			
	5/10/2007		8.04			
	6/18/2007		8.57			
	9/24/2007		9.10			
	10/21/2007		9.17			
RW-2	4/25/2007	NA	12.46	12.45	0.01	
	5/10/2007		12.91	12.71	0.20	
	10/21/2007		14.09	13.85	0.24	
RW-3	4/25/2007	NA	13.84	13.60	0.24	
	5/10/2007		14.17	14.00	0.17	
	6/18/2007		15.40	14.53	0.87	
	9/24/2007		15.63	14.96	0.67	
	10/21/2007		15.73	15.12	0.51	
RW-4	11/20/2006	NA	16.47	14.49	1.98	----
	4/25/2007		14.15	13.75	0.40	
	5/10/2007		14.44	14.10	0.34	
	6/18/2007		14.85	14.62	0.23	
	9/24/2007		16.87	15.29	1.58	
	10/21/207		15.74	15.45	0.29	
RW-5	11/20/2006	NA	13.64	13.53	0.11	----
	4/25/2007		12.75	12.60	0.15	
	5/10/2007		13.10	13.02	0.08	
	6/18/2007		13.60	13.55	0.05	
	9/24/2007		14.24	13.94	0.30	
	10/21/2007		14.23	14.11	0.12	

49 Dupont Street
Brooklyn, New York

Monitoring Well Gauging Data

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
RW-6	4/25/2007	NA	10.69			
	5/10/2007		11.08			
	6/18/2007		11.58			
	9/24/2007		12.77	11.94	0.83	
	10/21/2007		12.92	12.11	0.81	
RW-7	11/20/06		LNAPL			
	9/24/2007		unknown	9.05		
	10/21/2007		unknown			
RW-8	4/25/2007	NA	12.60	12.35	0.25	
	5/10/2007		13.11	12.78	0.33	
	6/18/2007		14.36	13.25	1.11	
	8/13/2007					
	9/24/2007		15.95	13.65	2.30	
	10/21/207					
RW-9	4/25/2007	NA	12.10	11.95	0.15	
	5/10/2007		12.59	12.36	0.23	
	6/18/2007		13.60	12.83	0.77	
	8/13/2007					
	9/24/2007		14.80	13.30	1.50	
	10/21/2007					
RW-10	4/25/2007	NA	11.76	11.64	0.12	
	5/10/2007		12.13	12.05	0.08	
	8/13/2007		pump			
	9/24/2007		pump			
	10/21/2007		pump			

49 Dupont Street
Brooklyn, New York

Groundwater Dissolved Constituent Sampling

Well Number	Sampling Date	Benzene	Toluene	Ethylbenzene	Total Xylene	MtBE	Bis(2-ethylhexyl)phthalate	Di-n-octylphthalate
MW-1	7/24/06	ND	ND	ND	ND	ND	ND	ND
	PRODUCT							
MW-2	7/24/06	ND	ND	ND	ND	ND	60	ND
	7/18/2007	ND	ND	ND	ND	ND	77	ND
	10/24/07	ND	ND	ND	ND	ND	ND	ND
MW-3	7/24/06	ND	ND	ND	ND	ND	31	ND
	7/18/2007	ND	ND	ND	ND	ND	ND	ND
	10/24/07	ND	ND	ND	ND	ND	ND	ND
MW-4	7/24/06	ND	ND	ND	ND	ND	120,000 P	160,000 P
	PRODUCT							
MW-5	7/24/06	ND	ND	ND	ND	ND	780,000 P	90,000 P
	PRODUCT							
MW-6	7/24/06	ND	ND	ND	ND	ND	1,300,000 P	ND
	PRODUCT							
MW-7	7/24/06	ND	ND	ND	ND	ND	370,000 P	ND
	7/18/2007	NT	NT	NT	NT	NT	4,600 P	ND
	PRODUCT							
MW-8	7/24/06	ND	ND	ND	ND	ND	89	ND
	7/18/2007	NT	NT	NT	NT	NT	230	ND
	10/24/07	ND	ND	ND	ND	ND	ND	ND
MW-9	7/24/06	ND	ND	11	11	ND	ND	ND
	PRODUCT							
MW-10	7/24/06	ND	ND	ND	ND	ND	6	ND
	7/18/2007	NT	NT	NT	NT	NT	57	ND
	10/24/07	ND	ND	ND	ND	ND	ND	ND

<MDL = Parameter below method detection limit
NA = Well not Accessible
NS = Not Sampled (LNAPL present)
NT = Not Tested
P = These wells developed free product shortly after sampling and are no longer sampled for dissolved constituents

49 Dupont Street
Brooklyn, New York

Groundwater Dissolved Constituent Sampling

Well Number	Sampling Date	Benzene	Toluene	Ethylbenzene	Total Xylene	MtBE	Bis(2-ethylhexyl)phthalate	Di-n-octylphthalate
MW-11	9/18/2006	ND	ND	ND	ND	ND	ND	ND
	DESTROYED							
MW-12	9/18/2006	ND	ND	ND	ND	ND	17	ND
	7/18/2007	NT	NT	NT	NT	NT	ND	ND
	10/24/07	ND	ND	ND	ND	ND	ND	ND
MW-13	9/18/2006	ND	ND	ND	ND	ND	ND	ND
	7/18/2007	NT	NT	NT	NT	NT	ND	ND
	10/24/07	ND	ND	ND	ND	ND	ND	ND
MW-14	9/18/2006	ND	ND	ND	ND	ND	ND	ND
	7/18/2007	NT	NT	NT	NT	NT	ND	ND
	10/24/07	ND	ND	ND	ND	ND	ND	ND
MW-15	12/7/06	ND	ND	ND	ND	ND	6,400	ND
	PRODUCT							
MW-16	12/7/06	ND	ND	ND	ND	ND	ND	990
	PRODUCT							
RW-1	7/18/2007	ND	ND	ND	ND	ND	ND	ND

<MDL = Parameter below method detection limit
NA = Well not Accessible
NS = Not Sampled (LNAPL present)
NT = Not Tested
P = These wells developed free product shortly after sampling and are no longer sampled for dissolved constituents

49 Dupont Street
Brooklyn, New York

Well Number	Date 2007-Sep	2007-Aug	2007-July	2007-June	2007-May	2007-April	2007-March	2007-Feb	2007-Jan	2006-Dec	2006-Nov
RW-2	15	47	67	75	72	76	79	98	80	92	100
RW-3	43	89	82	90	96	92	95	87	93	67	60
RW-4			3	2	32	27					
RW-8	36	38	38	39	46	42	14	16	25	5	
RW-9	19	22	23	21	17	15	16	20	13	6	
RW-10	146	166	154	166	175	165	167	158	144	168	
MW-4			1	1	7	6			1	1	27
MW-5	22	16	28	25	28	27			5		1
MW-6	9	17	29	26	26	26			5		
MW-15	4	8	1	1	4						
MW-16	4	8									
	298	411	426	446	503	476	371	379	366	339	188

TOTAL (GAL.)
4203.0

APPENDIX – C

Laboratory Analytical Reports

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 10/30/2007
Re: Client Project ID: 49-55 Dupont St.
York Project No.: 07100789

CT License No. PH-0723 New Jersey License No. CT-005 New York License No. 10854

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

Report Date: 10/30/2007
Client Project ID: 49-55 Dupont St.
York Project No.: 07100789

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 10/22/07. The project was identified as your project "49-55 Dupont St.".

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			MW-14		MW-13	
York Sample ID			07100789-01		07100789-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables	SW846-8270	ug/L	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	5.25	Not detected	5.25
1,2-Dichlorobenzene			Not detected	5.25	Not detected	5.25
1,3-Dichlorobenzene			Not detected	5.25	Not detected	5.25
1,4-Dichlorobenzene			Not detected	5.25	Not detected	5.25
2,4-Dinitrotoluene			Not detected	5.25	Not detected	5.25
2,6-Dinitrotoluene			Not detected	5.25	Not detected	5.25
2-Chloronaphthalene			Not detected	5.25	Not detected	5.25
2-Methylnaphthalene			Not detected	5.25	Not detected	5.25
2-Nitroaniline			Not detected	5.25	Not detected	5.25
3,3'-Dichlorobenzidine			Not detected	5.25	Not detected	5.25
3-Nitroaniline			Not detected	5.25	Not detected	5.25
4-Bromophenyl phenyl ether			Not detected	5.25	Not detected	5.25
4-Chloroaniline			Not detected	5.25	Not detected	5.25
4-Chlorophenyl phenyl ether			Not detected	5.25	Not detected	5.25
4-Nitroaniline			Not detected	5.25	Not detected	5.25
Acenaphthene			Not detected	5.25	Not detected	5.25

YORK

Client Sample ID			MW-14		MW-13	
York Sample ID			07100789-01		07100789-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Acenaphthylene			Not detected	5.25	Not detected	5.25
Anthracene			Not detected	5.25	Not detected	5.25
Benzo(a)anthracene			Not detected	5.25	Not detected	5.25
Benzo(a)pyrene			Not detected	5.25	Not detected	5.25
Benzo(b)fluoranthene			Not detected	5.25	Not detected	5.25
Benzo(g,h,i)perylene			Not detected	5.25	Not detected	5.25
Benzo(k)fluoranthene			Not detected	5.25	Not detected	5.25
Bis(2-chloroethoxy)methane			Not detected	5.25	Not detected	5.25
Bis(2-chloroethyl)ether			Not detected	5.25	Not detected	5.25
Bis(2-chloroisopropyl)ether			Not detected	5.25	Not detected	5.25
Bis(2-ethylhexyl)phthalate			Not detected	5.25	Not detected	5.25
Butyl benzyl phthalate			Not detected	5.25	Not detected	5.25
Carbazole			Not detected	5.25	Not detected	5.25
Chrysene			Not detected	5.25	Not detected	5.25
Dibenzo(a,h)anthracene			Not detected	5.25	Not detected	5.25
Dibenzofuran			Not detected	5.25	Not detected	5.25
Diethylphthalate			Not detected	5.25	Not detected	5.25
Dimethylphthalate			Not detected	5.25	Not detected	5.25
Di-n-butylphthalate			Not detected	5.25	Not detected	5.25
Di-n-octylphthalate			Not detected	5.25	Not detected	5.25
Fluoranthene			Not detected	5.25	Not detected	5.25
Fluorene			Not detected	5.25	Not detected	5.25
Hexachlorobenzene			Not detected	5.25	Not detected	5.25
Hexachlorobutadiene			Not detected	5.25	Not detected	5.25
Hexachlorocyclopentadiene			Not detected	5.25	Not detected	5.25
Hexachloroethane			Not detected	5.25	Not detected	5.25
Indeno(1,2,3-cd)pyrene			Not detected	5.25	Not detected	5.25
Isophorone			Not detected	5.25	Not detected	5.25
Naphthalene			Not detected	5.25	Not detected	5.25
Nitrobenzene			Not detected	5.25	Not detected	5.25
N-Nitrosodi-n-propylamine			Not detected	5.25	Not detected	5.25
N-Nitrosodiphenylamine			Not detected	5.25	Not detected	5.25
Phenanthrene			Not detected	5.25	Not detected	5.25
Pyrene			Not detected	5.25	Not detected	5.25

Client Sample ID			MW-12		MW-10	
York Sample ID			07100789-03		07100789-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables	SW846-8270	ug/L	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	5.25	Not detected	5.25
1,2-Dichlorobenzene			Not detected	5.25	Not detected	5.25
1,3-Dichlorobenzene			Not detected	5.25	Not detected	5.25
1,4-Dichlorobenzene			Not detected	5.25	Not detected	5.25
2,4-Dinitrotoluene			Not detected	5.25	Not detected	5.25
2,6-Dinitrotoluene			Not detected	5.25	Not detected	5.25
2-Chloronaphthalene			Not detected	5.25	Not detected	5.25
2-Methylnaphthalene			Not detected	5.25	Not detected	5.25
2-Nitroaniline			Not detected	5.25	Not detected	5.25

YORK

Client Sample ID			MW-12		MW-10	
York Sample ID			07100789-03		07100789-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
3,3'-Dichlorobenzidine			Not detected	5.25	Not detected	5.25
3-Nitroaniline			Not detected	5.25	Not detected	5.25
4-Bromophenyl phenyl ether			Not detected	5.25	Not detected	5.25
4-Chloroaniline			Not detected	5.25	Not detected	5.25
4-Chlorophenyl phenyl ether			Not detected	5.25	Not detected	5.25
4-Nitroaniline			Not detected	5.25	Not detected	5.25
Acenaphthene			Not detected	5.25	Not detected	5.25
Acenaphthylene			Not detected	5.25	Not detected	5.25
Anthracene			Not detected	5.25	Not detected	5.25
Benzo(a)anthracene			Not detected	5.25	Not detected	5.25
Benzo(a)pyrene			Not detected	5.25	Not detected	5.25
Benzo(b)fluoranthene			Not detected	5.25	Not detected	5.25
Benzo(g,h,i)perylene			Not detected	5.25	Not detected	5.25
Benzo(k)fluoranthene			Not detected	5.25	Not detected	5.25
Bis(2-chloroethoxy)methane			Not detected	5.25	Not detected	5.25
Bis(2-chloroethyl)ether			Not detected	5.25	Not detected	5.25
Bis(2-chloroisopropyl)ether			Not detected	5.25	Not detected	5.25
Bis(2-ethylhexyl)phthalate			Not detected	5.25	Not detected	5.25
Butyl benzyl phthalate			Not detected	5.25	Not detected	5.25
Carbazole			Not detected	5.25	Not detected	5.25
Chrysene			Not detected	5.25	Not detected	5.25
Dibenzo(a,h)anthracene			Not detected	5.25	Not detected	5.25
Dibenzofuran			Not detected	5.25	Not detected	5.25
Diethylphthalate			Not detected	5.25	Not detected	5.25
Dimethylphthalate			Not detected	5.25	Not detected	5.25
Di-n-butylphthalate			Not detected	5.25	Not detected	5.25
Di-n-octylphthalate			Not detected	5.25	Not detected	5.25
Fluoranthene			Not detected	5.25	Not detected	5.25
Fluorene			Not detected	5.25	Not detected	5.25
Hexachlorobenzene			Not detected	5.25	Not detected	5.25
Hexachlorobutadiene			Not detected	5.25	Not detected	5.25
Hexachlorocyclopentadiene			Not detected	5.25	Not detected	5.25
Hexachloroethane			Not detected	5.25	Not detected	5.25
Indeno(1,2,3-cd)pyrene			Not detected	5.25	Not detected	5.25
Isophorone			Not detected	5.25	Not detected	5.25
Naphthalene			Not detected	5.25	Not detected	5.25
Nitrobenzene			Not detected	5.25	Not detected	5.25
N-Nitrosodi-n-propylamine			Not detected	5.25	Not detected	5.25
N-Nitrosodiphenylamine			Not detected	5.25	Not detected	5.25
Phenanthrene			Not detected	5.25	Not detected	5.25
Pyrene			Not detected	5.25	Not detected	5.25

YORK

Client Sample ID			MW-2		MW-3	
York Sample ID			07100789-05		07100789-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Base/Neutral Extractables	SW846-8270	ug/L	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	5.25	Not detected	5.25
1,2-Dichlorobenzene			Not detected	5.25	Not detected	5.25
1,3-Dichlorobenzene			Not detected	5.25	Not detected	5.25
1,4-Dichlorobenzene			Not detected	5.25	Not detected	5.25
2,4-Dinitrotoluene			Not detected	5.25	Not detected	5.25
2,6-Dinitrotoluene			Not detected	5.25	Not detected	5.25
2-Chloronaphthalene			Not detected	5.25	Not detected	5.25
2-Methylnaphthalene			Not detected	5.25	Not detected	5.25
2-Nitroaniline			Not detected	5.25	Not detected	5.25
3,3'-Dichlorobenzidine			Not detected	5.25	Not detected	5.25
3-Nitroaniline			Not detected	5.25	Not detected	5.25
4-Bromophenyl phenyl ether			Not detected	5.25	Not detected	5.25
4-Chloroaniline			Not detected	5.25	Not detected	5.25
4-Chlorophenyl phenyl ether			Not detected	5.25	Not detected	5.25
4-Nitroaniline			Not detected	5.25	Not detected	5.25
Acenaphthene			Not detected	5.25	Not detected	5.25
Acenaphthylene			Not detected	5.25	Not detected	5.25
Anthracene			Not detected	5.25	Not detected	5.25
Benzo(a)anthracene			Not detected	5.25	Not detected	5.25
Benzo(a)pyrene			Not detected	5.25	Not detected	5.25
Benzo(b)fluoranthene			Not detected	5.25	Not detected	5.25
Benzo(g,h,i)perylene			Not detected	5.25	Not detected	5.25
Benzo(k)fluoranthene			Not detected	5.25	Not detected	5.25
Bis(2-chloroethoxy)methane			Not detected	5.25	Not detected	5.25
Bis(2-chloroethyl)ether			Not detected	5.25	Not detected	5.25
Bis(2-chloroisopropyl)ether			Not detected	5.25	Not detected	5.25
Bis(2-ethylhexyl)phthalate			Not detected	5.25	Not detected	5.25
Butyl benzyl phthalate			Not detected	5.25	Not detected	5.25
Carbazole			Not detected	5.25	Not detected	5.25
Chrysene			Not detected	5.25	Not detected	5.25
Dibenzo(a,h)anthracene			Not detected	5.25	Not detected	5.25
Dibenzofuran			Not detected	5.25	Not detected	5.25
Diethylphthalate			Not detected	5.25	Not detected	5.25
Dimethylphthalate			Not detected	5.25	Not detected	5.25
Di-n-butylphthalate			Not detected	5.25	Not detected	5.25
Di-n-octylphthalate			Not detected	5.25	Not detected	5.25
Fluoranthene			Not detected	5.25	Not detected	5.25
Fluorene			Not detected	5.25	Not detected	5.25
Hexachlorobenzene			Not detected	5.25	Not detected	5.25
Hexachlorobutadiene			Not detected	5.25	Not detected	5.25
Hexachlorocyclopentadiene			Not detected	5.25	Not detected	5.25
Hexachloroethane			Not detected	5.25	Not detected	5.25
Indeno(1,2,3-cd)pyrene			Not detected	5.25	Not detected	5.25
Isophorone			Not detected	5.25	Not detected	5.25
Naphthalene			Not detected	5.25	Not detected	5.25
Nitrobenzene			Not detected	5.25	Not detected	5.25
N-Nitrosodi-n-propylamine			Not detected	5.25	Not detected	5.25
N-Nitrosodiphenylamine			Not detected	5.25	Not detected	5.25
Phenanthrene			Not detected	5.25	Not detected	5.25

YORK

Client Sample ID			MW-2		MW-3	
York Sample ID			07100789-05		07100789-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Pyrene			Not detected	5.25	Not detected	5.25

Client Sample ID			MW-8	
York Sample ID			07100789-07	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Base/Neutral Extractables	SW846-8270	ug/L	---	---
1,2,4-Trichlorobenzene			Not detected	5.40
1,2-Dichlorobenzene			Not detected	5.40
1,3-Dichlorobenzene			Not detected	5.40
1,4-Dichlorobenzene			Not detected	5.40
2,4-Dinitrotoluene			Not detected	5.40
2,6-Dinitrotoluene			Not detected	5.40
2-Chloronaphthalene			Not detected	5.40
2-Methylnaphthalene			Not detected	5.40
2-Nitroaniline			Not detected	5.40
3,3'-Dichlorobenzidine			Not detected	5.40
3-Nitroaniline			Not detected	5.40
4-Bromophenyl phenyl ether			Not detected	5.40
4-Chloroaniline			Not detected	5.40
4-Chlorophenyl phenyl ether			Not detected	5.40
4-Nitroaniline			Not detected	5.40
Acenaphthene			Not detected	5.40
Acenaphthylene			Not detected	5.40
Anthracene			Not detected	5.40
Benzo(a)anthracene			Not detected	5.40
Benzo(a)pyrene			Not detected	5.40
Benzo(b)fluoranthene			Not detected	5.40
Benzo(g,h,i)perylene			Not detected	5.40
Benzo(k)fluoranthene			Not detected	5.40
Bis(2-chloroethoxy)methane			Not detected	5.40
Bis(2-chloroethyl)ether			Not detected	5.40
Bis(2-chloroisopropyl)ether			Not detected	5.40
Bis(2-ethylhexyl)phthalate			Not detected	5.40
Butyl benzyl phthalate			Not detected	5.40
Carbazole			Not detected	5.40
Chrysene			Not detected	5.40
Dibenzo(a,h)anthracene			Not detected	5.40
Dibenzofuran			Not detected	5.40
Diethylphthalate			Not detected	5.40
Dimethylphthalate			Not detected	5.40
Di-n-butylphthalate			Not detected	5.40
Di-n-octylphthalate			Not detected	5.40
Fluoranthene			Not detected	5.40
Fluorene			Not detected	5.40
Hexachlorobenzene			Not detected	5.40
Hexachlorobutadiene			Not detected	5.40
Hexachlorocyclopentadiene			Not detected	5.40
Hexachloroethane			Not detected	5.40

YORK

Client Sample ID			MW-8	
York Sample ID			07100789-07	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Indeno(1,2,3-cd)pyrene			Not detected	5.40
Isophorone			Not detected	5.40
Naphthalene			Not detected	5.40
Nitrobenzene			Not detected	5.40
N-Nitrosodi-n-propylamine			Not detected	5.40
N-Nitrosodiphenylamine			Not detected	5.40
Phenanthrene			Not detected	5.40
Pyrene			Not detected	5.40

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. 07100789

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: 10/30/2007

YORK

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

Field Chain-of-Custody Record

07100789

Company Name	Report To:	Invoice To:	Project ID/No.	
Advanced Site Restoration	Steve Muller	AGR	49-55 Dupont St. Bkyn	Samples Collected By (Signature): [signature] Name (Printed): Anthony Adesso

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	MW-14	10/20	X				8270 BN	1 Amber
	MW-13	10/20	X					
	MW-12	10/20	X					
	MW-10	10/20	X					
	MW-2	10/22	X					
	MW-3	10/22	X					
	MW-8	10/22	X					

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by: [signature]	Date/Time: 10/22	Sample Received by: H Bernard Horton	Date/Time: 10/22/07 1:25PM
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by: [signature]	Date/Time: 10-22-07 / 1900

Comments/Special Instructions

4.2°C

Turn-Around Time

____Standard ____RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 11/5/2007
Re: Client Project ID: 49-55 Dupont St, Bklyn.
York Project No.: 07100915

CT License No. PH-0723 New Jersey License No. CT-005 New York License No. 10854

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

Report Date: 11/5/2007
Client Project ID: 49-55 Dupont St., Bklyn.
York Project No.: 07100915

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 10/25/07. The project was identified as your project "49-55 Dupont St., Bklyn.".

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			MW-12		MW-13	
York Sample ID			07100915-01		07100915-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	5	Not detected	5
1,3,5-Trimethylbenzene			Not detected	5	Not detected	5
Benzene			Not detected	1	Not detected	1
Ethylbenzene			Not detected	5	Not detected	5
Isopropylbenzene			Not detected	5	Not detected	5
Methyl-tert-butyl ether			Not detected	5	Not detected	5
Naphthalene			Not detected	5	Not detected	5
n-Butylbenzene			Not detected	5	Not detected	5
n-Propylbenzene			Not detected	5	Not detected	5
o-Xylene			Not detected	5	Not detected	5
p- & m- Xylenes			Not detected	5	Not detected	5
p-Isopropyltoluene			Not detected	5	Not detected	5
sec-Butylbenzene			Not detected	5	Not detected	5
tert-Butylbenzene			Not detected	5	Not detected	5
Toluene			Not detected	5	Not detected	5

YORK

Client Sample ID			MW-14		MW-8	
York Sample ID			07100915-03		07100915-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	5	Not detected	5
1,3,5-Trimethylbenzene			Not detected	5	Not detected	5
Benzene			Not detected	1	Not detected	1
Ethylbenzene			Not detected	5	Not detected	5
Isopropylbenzene			Not detected	5	Not detected	5
Methyl-tert-butyl ether			Not detected	5	Not detected	5
Naphthalene			Not detected	5	Not detected	5
n-Butylbenzene			Not detected	5	Not detected	5
n-Propylbenzene			Not detected	5	Not detected	5
o-Xylene			Not detected	5	Not detected	5
p- & m- Xylenes			Not detected	5	Not detected	5
p-Isopropyltoluene			Not detected	5	Not detected	5
sec-Butylbenzene			Not detected	5	Not detected	5
tert-Butylbenzene			Not detected	5	Not detected	5
Toluene			Not detected	5	Not detected	5

Client Sample ID			MW-10		MW-2	
York Sample ID			07100915-05		07100915-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	5	Not detected	5
1,3,5-Trimethylbenzene			Not detected	5	Not detected	5
Benzene			Not detected	1	Not detected	1
Ethylbenzene			Not detected	5	Not detected	5
Isopropylbenzene			Not detected	5	Not detected	5
Methyl-tert-butyl ether			Not detected	5	Not detected	5
Naphthalene			Not detected	5	Not detected	5
n-Butylbenzene			Not detected	5	Not detected	5
n-Propylbenzene			Not detected	5	Not detected	5
o-Xylene			Not detected	5	Not detected	5
p- & m- Xylenes			Not detected	5	Not detected	5
p-Isopropyltoluene			Not detected	5	Not detected	5
sec-Butylbenzene			Not detected	5	Not detected	5
tert-Butylbenzene			Not detected	5	Not detected	5
Toluene			Not detected	5	Not detected	5

Client Sample ID			MW-3	
York Sample ID			07100915-07	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles, STARS List	SW846-8260	ug/L	---	---
1,2,4-Trimethylbenzene			Not detected	5
1,3,5-Trimethylbenzene			Not detected	5
Benzene			Not detected	1

YORK

Client Sample ID			MW-3	
York Sample ID			07100915-07	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Ethylbenzene			Not detected	5
Isopropylbenzene			Not detected	5
Methyl-tert-butyl ether			Not detected	5
Naphthalene			Not detected	5
n-Butylbenzene			Not detected	5
n-Propylbenzene			Not detected	5
o-Xylene			Not detected	5
p- & m- Xylenes			Not detected	5
p-Isopropyltoluene			Not detected	5
sec-Butylbenzene			Not detected	5
tert-Butylbenzene			Not detected	5
Toluene			Not detected	5

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. 07100915

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: 11/5/2007

YORK

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

Field Chain-of-Custody Record

0710915

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature) / Name (Printed)
Advanced Site Restoration 62 William St	Steve	ASR	49-55 Dupont St Bklyn	Anthony Adesso

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	MW-12	10-24-07	X				8260 STARS	2 40 mL
	MW-13		X					
	MW-14		X					
	MW-8		X					
	MW-10		X					
	MW-2		X					
	MW-3		X					

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	10-27-07 Date/Time	H. Bernard Stanton Sample Received by	10-25-07 10:40 AM Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	J. Lee Sample Received in LAB by	10-25-07 1630 Date/Time

Comments/Special Instructions

4.1°C

Turn-Around Time

___Standard ___RUSH(define)_____

ADVANCED SITE RESTORATION, LLC
ENVIRONMENTAL SERVICES

Monthly Monitoring Report

49-55 Dupont Street, Brooklyn, New York 11222
NYSDEC SPILL # 06-01852



Prepared By:

Advanced Site Restoration, LLC
62 William Street, New York N.Y. 10005

Prepared For:

49 Dupont Realty Corporation
49-55 Dupont St., Brooklyn, New York 11222

Steve Muller, CEC
ASR Project Technician

Christopher Tomasello, IH.
ASR Project Manager

December 27, 2007

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2.0 SITE CHARACTERIZATION.....2

3.0 SITE INVESTIGATION RESULTS.....3

4.0 LNAPL REMOVAL PROGRAM.....3

5.0 CONCLUSION.....4

APPENDIX- A FIGURES

Figure – 1 Site Location Map
Figure – 2 Well Location Map
Figure – 3 Groundwater Gradient Map

APPENDIX- B TABLES

Table – 1 Monitoring Well Gauging Data
Table – 2 Product Recovery Data

1.0 INTRODUCTION

Advanced Site Restoration, LLC (ASR) has developed this Monthly Monitoring Report on behalf of 49 Dupont Realty Corporation for 49-55 Dupont Street in Brooklyn New York (the site). The purpose of this report is to provide an update on the ongoing site investigation and Interim Remedial Measure (IRM) taking place at the site.

In December 2007, ASR conducted groundwater monitoring to provide an updated delineation of the contaminant plume. ASR began the subsurface investigation at the site in July 2006, and has since performed monthly monitoring and quarterly sampling. In addition, ASR has performed LNAPL recovery and removal from specially designated recovery wells and monitoring wells. All on-site activities have been documented thus far and are provided for in Appendix B, Table - 1 and Table -2.

As per the December 2007 groundwater monitoring activities, the contaminant plume is contained and stable. The level of LNAPL in the wells was found to be decreasing as the LNAPL removal program continues.

2.0 SITE CHARACTERIZATION

The site is legally identified as New York City Tax Block 2487, Tax Lots 1, 10, 12, 17, 18, 20, 21, 57, 72, and 78. The current owner since 1983 is 49 Dupont Realty Corporation. The site is a former manufacturing facility. The New York City Department of Finance Occupancy Code is "F-9, Factory Industrial." According to the Sanborn Map Report from Environmental Data Resources, Inc. (EDR), industrial activity at the site dates back to 1887. Site location map is located in Appendix A Figure – 1.

Historic use of the site has included manufacturing, office, storage, shipping and receiving. More recently, the site had been used as a plastic manufacturing facility since 1950. According to *FPM Group* who completed a Phase I Site Assessment, dated April 2005 for the site, reported that commercial uses prior to 1950 included a boiler shop for Logan Ironworks, two stable buildings, a gas and light fixture factory, a sheet metal works, a soap manufacturer, a water proofing manufacturer, and a scrap metal facility.

3.0 SITE INVESTIGATION RESULT

On December 14, 2007 ASR measured the depth to water, and monitored for the presence of LNAPL at the site and the surrounding area. A total of fifteen (15) monitoring wells and ten (10) recovery wells were monitored. LNAPL (Light Non-Aqueous Phase Liquid) was detected in seventeen (17) of the twenty five (25) wells (MW-1, MW-4, MW-5, MW6, MW-7 MW-9, MW-15, MW-16, RW-2 RW-3, RW-4, RW-5, RW-6, RW-7, RW-8, RW-9 and RW-10). The LNAPL in sixteen (16) of the twenty five (25) wells ranged from a sheen to several inches thick. In MW-9 and RW-7, LNAPL was too thick for a reading to be taken. Based on the monitoring results the LNAPL plume appears to be contained to the west and north east sections of the site. Although LNAPL was detected beneath the sidewalk adjacent to the site, it was not detected in either of the two (2) down gradient wells, (MW-12 and MW-13). The location of all groundwater monitoring wells and recovery wells is shown on the Monitoring Well Location Map, Appendix A Figure – 2. All monitoring data is attached as Appendix B, Table - 1 (*Monitoring Well Gauging Data)*.

The depth to groundwater was detected at a range of 7.33 ft to 15.84 ft. A previous groundwater survey indicated that the groundwater flow direction is in a north westerly direction. A Groundwater Gradient Map is located in Appendix A Figure – 3.

4.0 LNAPL REMOVAL PROGRAM

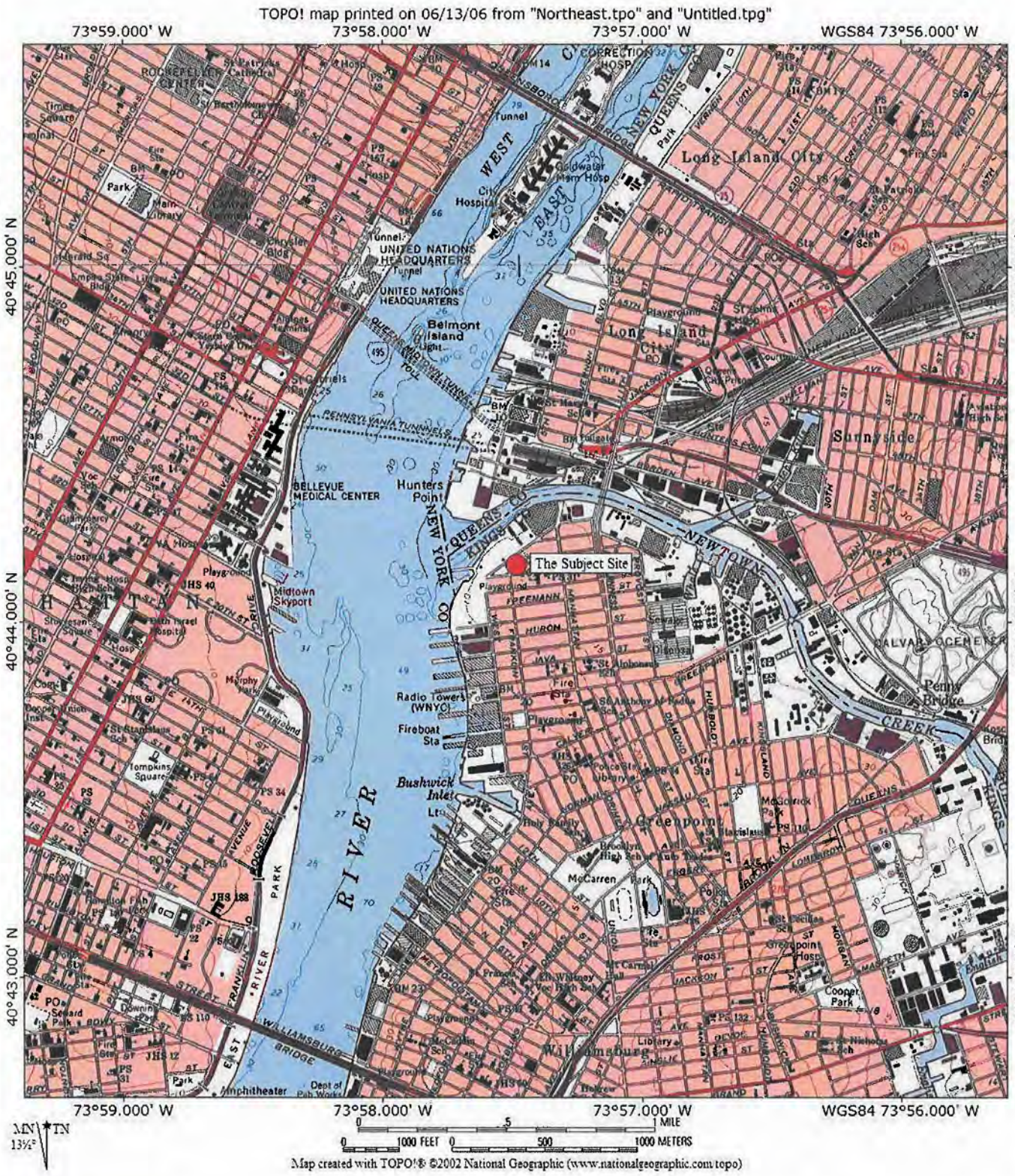
In November 2006, ASR implemented an Interim Remedial Measure (IRM) which included the recovered of LNAPL by both mechanical and hand bailing methods. This IRM has continued uninterrupted removing a combination of plasticizers and #4 Fuel Oil. The main wells that product has been, and is being removed from, are RW-2, RW-3, RW-8, RW-9, RW-8, RW-10, MW-5, MW-6. Monitoring wells MW-15 and MW-16 were recently added to the LNAPL removal program in May 2007 along with RW-7 containing the fuel oil which was added in October 2007. Approximately 841 gallons of LNAPL was removed in the fourth quarter of 2007 using *Spillbuster Inc.* pumps and hand bailing, of which 8 gallons was fuel oil. A total of approximately 5,044 gallons has been removed from the ground as of the date of this report. On August 16, 2007 3,200 gallons of LNAPL were removed from the site using a vacuum truck. The remaining 1,844 gallons are currently being stored on site, as additional product continues to be removed from the ground. A vacuum truck will remove all of the LNAPL being stored on-site when it is deemed necessary and efficient to do so. The product recovery data is located in Appendix B Table - 2.

5.0 CONCLUSION

As per the November 2007 groundwater monitoring activities, the contaminant plume is contained and stable. LNAPL continues to exist at and around the site, ranging from sheen to several feet in thickness. The levels of LNAPL in the wells were found to be decreasing as the LNAPL removal program continues.

ASR will continue to monitor and sample all groundwater monitoring wells to determine the status of the identified contamination. ASR will also continue to perform the product removal program as the ongoing IRM and monitor the progress of this program.

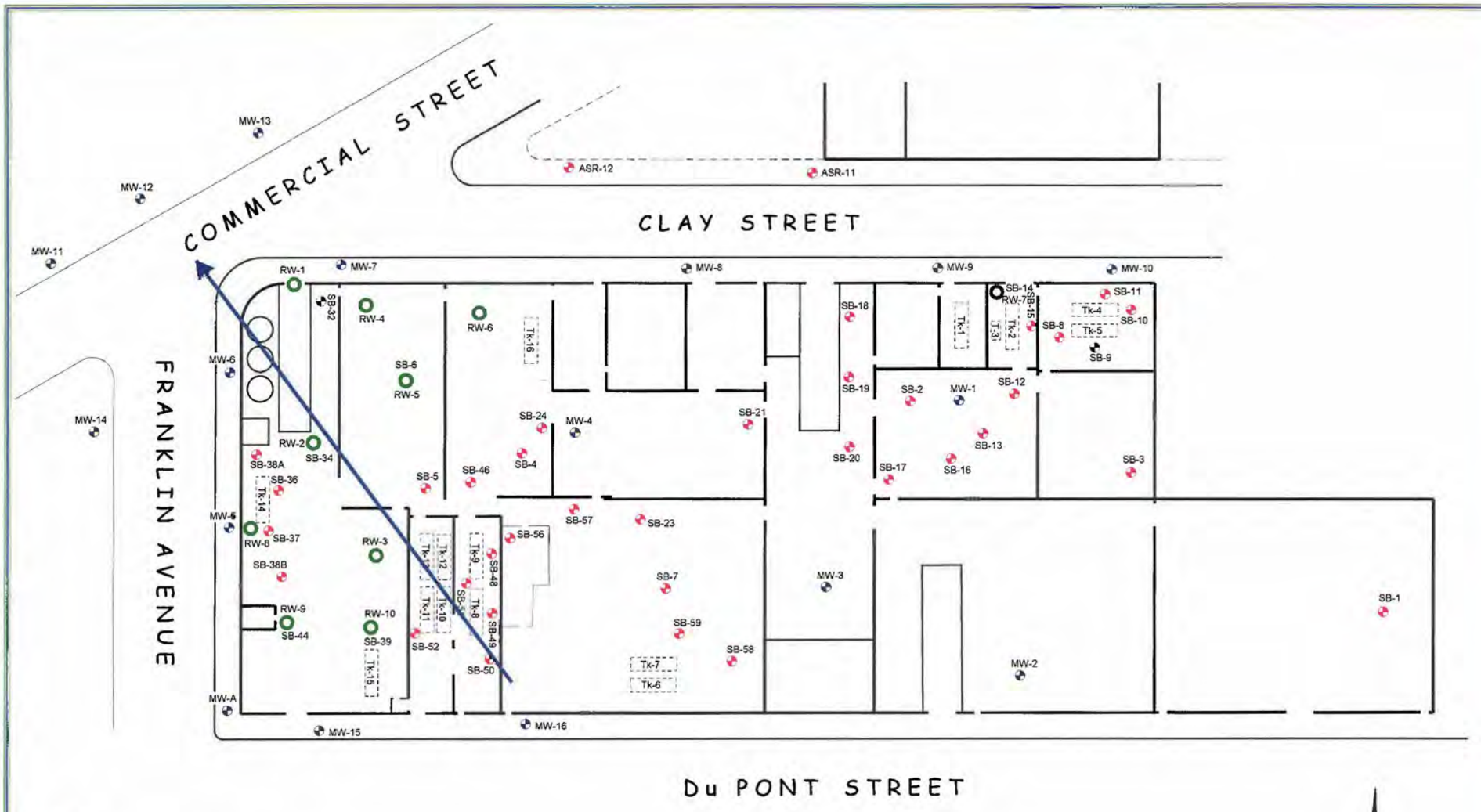
APPENDIX - A



ADVANCED Site Restoration, LLC.
Environmental Services

62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr.com

Figure - 1
Site Location Map
49-55 Dupont Street
Brooklyn, New York 11222



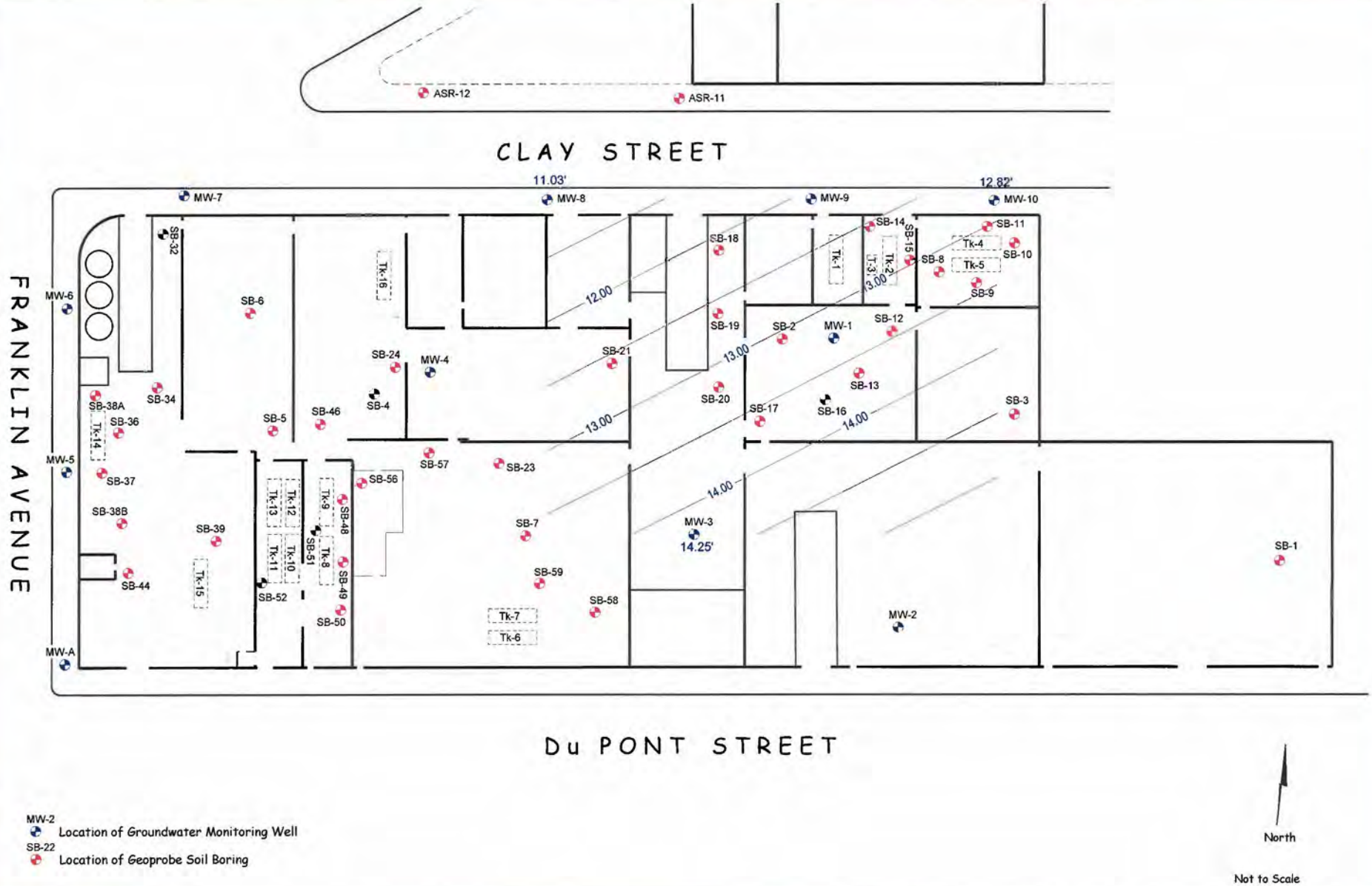
ADVANCED Site Restoration, LLC.
Environmental Services

62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr.com

SWM

Figure - 2
Well Location Map
December 2007

49 Dupont Realty Corp.
49 - 55 Dupont Street
Brooklyn, New York



ADVANCED Site Restoration, LLC.
Environmental Services
62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr.com

Groundwater Gradient Map
August 1, 2006

SWM

Rev: 08/23/06

49 Dupont Realty Corp.
49 - 55 Dupont Street
Brooklyn, New York

APPENDIX - B

TABLE - 1

Monitoring Well Gauging Data

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-1	5/10/2006	25.19	10.89	10.88	0.01	14.30
	11/20/2006		10.83	10.79	0.04	14.36
	6/18/2007		10.70	10.68	0.02	14.49
	8/13/2007		10.30	10.25	0.05	14.89
	9/24/2007		11.14	11.12	0.02	14.05
	10/21/2007		11.32	11.34	0.02	13.87
	11/23/2007		11.32	11.31	0.01	13.87
	12/14/2007		11.48	11.47	0.01	13.71
MW-2	5/10/2006	25.34	11.78	----	----	13.56
	11/20/2006		NA			
	4/25/2007		7.66			17.68
	5/10/2007		8.64			16.70
	6/18/2007		9.66			15.68
	8/13/2007		8.30			17.04
	9/24/2007		10.20			15.14
	10/21/2007		10.44			14.90
	11/23/2007		10.59			14.75
	12/14/2007		10.76			14.58
MW-3	5/10/2006	25.52	9.83	----	----	15.69
	8/10/2006		11.27	----	----	14.25
	11/20/2006		NA			
	4/25/2007		10.98			14.54
	5/10/2007		9.50			16.02
	6/18/2007		11.53			13.99
	8/13/2007		11.01			14.51
	9/24/2007		11.94			13.68
	10/21/2007		12.26			13.36
	11/23/2007		12.45			13.07
	12/14/2007		12.75			12.77
MW-4	5/10/2006	25.62	13.90	12.28	1.62	11.72
	11/20/2006		13.56	12.28	1.28	12.06
	5/10/2007		11.92	11.80	0.12	13.70
	6/18/2007		12.55	12.37	0.18	13.07
	8/13/2007		12.42	12.07	0.35	13.20
	9/24/2007		12.98	12.78	0.20	12.63
	10/21/2007		13.02	13.14	0.12	12.60
	11/23/2007		13.14	13.13	0.01	12.48
	12/14/2007		13.31	13.29	0.02	12.31
MW-5	8/10/2006	19.57	14.90	9.11	5.79	4.67
	11/20/2006		10.30	9.17	1.13	9.27
	5/10/2007		9.29	8.82	0.47	10.28
	6/18/2007		12.25	9.27	2.98	7.32
	8/13/2007		9.70	9.16	0.54	9.87
	9/24/2007		11.79	9.70	2.09	7.78
	10/21/2007		15.04	9.71	5.33	4.43
	11/23/2007		15.51	9.81	5.70	4.06
	12/14/2007		14.81	9.88	4.93	4.76

TABLE - 1

Monitoring Well Gauging Data

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-6	8/10/2006	18.62	12.00	8.28	3.72	6.62
	11/20/2006		8.85	8.23	0.62	9.77
	5/10/2007		8.41	7.87	0.54	10.21
	6/18/2007		9.34	9.07	0.27	9.28
	8/13/2007		10.25	8.69	1.56	8.37
	9/24/2007		9.82	9.45	0.37	8.79
	10/21/2007		9.99	9.62	0.37	8.63
	11/23/2007		9.76	9.06	0.70	8.86
	12/14/2007		9.68	9.13	0.55	8.94
MW-7	8/10/2006	18.75	10.52	8.62	1.90	8.23
	11/20/2006		8.80	8.52	0.28	9.95
	5/10/2007		8.33	8.21	0.12	10.42
	6/18/2007		9.12	8.66	0.46	9.63
	8/13/2007		9.50	8.65	0.85	9.25
	9/24/2007		9.71	9.10	0.61	9.04
	10/21/2007		9.48	9.14	0.34	9.27
	11/23/2007		9.79	9.13	0.66	8.96
	12/14/2007		9.65	9.32	0.33	9.10
MW-8	8/10/2006	20.26	9.46	----	----	10.80
	11/20/2006		NA			
	5/10/2007		8.86			11.40
	6/18/2007		9.40			10.86
	8/13/2007		9.45			10.81
	9/24/2007		9.78			10.48
	10/21/2007		10.03			10.23
	11/23/2007		10.16			10.10
	12/14/2007		10.21			10.05
MW-9	8/10/2006	20.62	10.22	7.88	2.34	10.40
	11/20/2006		LNAPL			
	6/18/2007		too thick			
	8/13/2007		too thick			
	9/24/2007		unknown	8.79		
	10/21/2007		too thick			
	11/23/2007		9.33	9.29		11.29
	12/14/2007		too thick			

TABLE - 1

Monitoring Well Gauging Data

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-10	*8/1/2006*	*21.04*	*8.22*	----	----	*12.82*
	5/10/2007		*7.97*			*13.07*
	6/18/2007		*8.25*			*12.79*
	9/24/2007		*8.69*			*12.79*
	10/21/2007		*8.64*			*12.40*
	11/23/2007		*8.88*			*12.16*
	12/14/2007		*8.96*			*12.08*
MW-11	*9/19/2006*	*17.01*	*7.07*	----	----	*9.94*
	11/20/2006					
	5/10/2007		*DESTROYED*			
MW-12	*9/19/2006*	*16.99*	*7.10*	----	----	*9.89*
	11/20/2006					
	5/10/2007		*6.89*			*10.10*
	8/13/2007		*6.57*			*10.42*
	9/24/2007		*7.74*			*9.25*
	10/21/2007		*7.61*			*9.38*
	11/23/2007		*7.64*			*9.35*
	12/14/2007		*7.21*			*9.78*
MW-13	*9/19/2006*	*17.20*	*7.16*	----	----	*10.04*
	11/20/2006					
	5/10/2007		*6.87*			*10.33*
	8/13/2007		*6.51*			*10.69*
	9/24/2007		*7.89*			*9.31*
	10/21/2007		*7.72*			*9.48*
	11/23/2007		*7.77*			*9.43*
	12/14/2007		*7.33*			*9.87*

TABLE - 1

Monitoring Well Gauging Data

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-14	9/19/2006	18.23	8.11	----	----	10.12
	11/20/2006					
	5/10/2007		7.60			10.63
	8/13/2007		8.23			10.00
	9/24/2007		8.52			9.71
	10/21/2007		8.61			9.62
	11/23/2007		8.71			9.52
	12/14/2007		NA			
MW-15	5/10/2007	NA	10.83	9.35	1.48	----
	5/23/2007		9.72	9.70	0.02	----
	6/18/2007		10.02	9.93	0.09	----
	8/13/2007		9.70	9.16	0.54	----
	9/24/2007		10.73	10.32	0.41	----
	10/21/2007		11.37	10.44	0.07	----
	11/23/2007		NA			
	12/14/2007		11.15	10.63	0.52	----
MW-16	5/10/2007	NA	11.07	9.98	1.09	----
	5/23/2007		10.54	10.31	0.23	----
	6/18/2007		11.27	10.59	0.68	----
	8/13/2007		11.81	10.46	1.35	----
	9/24/2007		11.03	11.09	0.06	----
	10/21/2007		11.16	11.14	0.02	----
	11/23/2007		NA			
	12/14/2007		11.35	11.32	0.03	----

TABLE - 1

Monitoring Well Gauging Data

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
RW-1	11/20/2006	NA	8.38			----
	4/25/2007		7.57			----
	5/10/2007		8.04			----
	6/18/2007		8.57			----
	9/24/2007		9.10			----
	10/21/2007		9.17			----
	11/23/2007		9.31			----
	12/14/2007		9.22			----
RW-2	4/25/2007	NA	12.46	12.45	0.01	----
	5/10/2007		12.91	12.71	0.20	----
	10/21/2007		14.09	13.85	0.24	----
	11/23/2007		15.81	14.51	1.30	----
	12/14/2007		15.22	13.85	1.37	----
RW-3	4/25/2007	NA	13.84	13.60	0.24	----
	5/10/2007		14.17	14.00	0.17	----
	6/18/2007		15.40	14.53	0.87	----
	9/24/2007		15.63	14.96	0.67	----
	10/21/2007		15.73	15.12	0.51	----
	11/23/2007		16.51	15.15	1.36	----
	12/14/2007		15.55	13.33	2.22	----
RW-4	11/20/2006	NA	16.47	14.49	1.98	----
	4/25/2007		14.15	13.75	0.40	----
	5/10/2007		14.44	14.10	0.34	----
	6/18/2007		14.85	14.62	0.23	----
	9/24/2007		16.87	15.29	1.58	----
	10/21/207		15.74	15.45	0.29	----
	11/23/2007		15.88	15.42	0.46	----
	12/14/2007		15.84	15.48	0.36	----
RW-5	11/20/2006	NA	13.64	13.53	0.11	----
	4/25/2007		12.75	12.60	0.15	----
	5/10/2007		13.10	13.02	0.08	----
	6/18/2007		13.60	13.55	0.05	----
	9/24/2007		14.24	13.94	0.30	----
	10/21/2007		14.23	14.11	0.12	----
	11/23/2007		14.23	14.13	0.10	----
	12/14/2007		14.75	14.26	0.49	----

TABLE - 1

Monitoring Well Gauging Data

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
RW-6	4/25/2007	NA	10.69			----
	5/10/2007		11.08			----
	6/18/2007		11.58			----
	9/24/2007		12.77	11.94	0.83	----
	10/21/2007		12.92	12.11	0.81	----
	11/23/2007		12.85	12.14	0.71	----
	12/14/2007		12.78	12.21	0.57	----
RW-7	11/20/06		LNAPL			----
	9/24/2007		unknown	9.05		----
	10/21/2007		9.51	too thick		----
	11/23/2007		9.83	9.77		----
	12/14/2007		9.80	too thick		----
RW-8	4/25/2007	NA	12.60	12.35	0.25	----
	5/10/2007		13.11	12.78	0.33	----
	6/18/2007		14.36	13.25	1.11	----
	8/13/2007					----
	9/24/2007		15.95	13.65	2.30	----
	10/21/207		NS			----
	11/23/2007		14.45	13.98	0.47	----
	12/14/2007		14.78	13.95	0.83	----
RW-9	4/25/2007	NA	12.10	11.95	0.15	----
	5/10/2007		12.59	12.36	0.23	----
	6/18/2007		13.60	12.83	0.77	----
	8/13/2007					----
	9/24/2007		14.80	13.30	1.50	----
	10/21/2007		NS			----
	11/23/2007		13.97	13.23	0.74	----
	12/14/2007		14.15	13.59	0.56	----
RW-10	4/25/2007	NA	11.76	11.64	0.12	----
	5/10/2007		12.13	12.05	0.08	----
	8/13/2007		pump			----
	9/24/2007		pump			----
	10/21/2007		pump			----
	11/23/2007		13.89	13.18	0.71	----
	12/14/2007		13.72	13.31	0.41	----

TABLE - 2

Product Recovery

Well Number	Dec-07	Nov-07	Oct-07	Sep-07	Aug-07	Jul-07	Jun-07	May-07	Apr-07	Mar-07	Feb-07	Jan-07	Dec-06	Nov-06
RW-2	*20*	*23*	*27*	*15*	*47*	*67*	*75*	*72*	*76*	*79*	*98*	*80*	*92*	*100*
RW-3	*35*	*52*	*87*	*43*	*89*	*82*	*90*	*96*	*92*	*95*	*87*	*93*	*67*	*60*
RW-4	*0*	*0*	*0*	*0*	*0*	*3*	*2*	*32*	*27*	*0*	*0*	*0*	*0*	*0*
RW-5	*8*	*10*	*9*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
RW-7	*2*	*4*	*2*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
RW-8	*25*	*22*	*27*	*36*	*38*	*38*	*39*	*46*	*42*	*14*	*16*	*25*	*5*	*0*
RW-9	*15*	*26*	*14*	*19*	*22*	*23*	*21*	*17*	*15*	*16*	*20*	*13*	*6*	*0*
RW-10	*108*	*110*	*120*	*146*	*166*	*154*	*166*	*175*	*165*	*167*	*158*	*144*	*168*	*0*
MW-4	*0*	*0*	*0*	*0*	*0*	*1*	*1*	*7*	*6*	*0*	*0*	*1*	*1*	*27*
MW-5	*18*	*22*	*20*	*22*	*16*	*28*	*25*	*28*	*27*	*0*	*0*	*5*	*0*	*1*
MW-6	*2*	*8*	*14*	*9*	*17*	*29*	*26*	*26*	*26*	*0*	*0*	*5*	*0*	*0*
MW-7	*0*	*1*	*1*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
MW-9	*1*	*2*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
MW-15	*1*	*1*	*3*	*4*	*8*	*1*	*1*	*4*	*0*	*0*	*0*	*0*	*0*	*0*
MW-16	*0*	*1*	*0*	*4*	*8*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*

Total =	*235*	*282*	*324*	*298*	*411*	*426*	*446*	*503*	*476*	*371*	*379*	*366*	*339*	*188*

TOTAL (GAL.) RECOVERD

5,044

ADVANCED SITE RESTORATION, LLC
ENVIRONMENTAL SERVICES

Quarterly Sampling Report

First Quarter 2008

49-55 Dupont Street, Brooklyn, New York 11222
NYSDEC SPILL # 06-01852



Prepared By:

Advanced Site Restoration, LLC
62 William Street, New York N.Y. 10005

Prepared For:

49 Dupont Realty Corporation
49-55 Dupont St., Brooklyn, New York 11222

Steven Muller, CEC
Project Technician

Christopher Tomasello, IH
Project Manager

March 2008

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1.0 INTRODUCTION

Advanced Site Restoration, LLC (ASR) has developed this Quarterly Sampling Report on behalf of 49 Dupont Realty Corporation for 49-55 Dupont Street in Brooklyn New York (the subject site). The purpose of this report is to provide an update on the ongoing site investigation and Interim Remedial Measure (IRM) taking place at the site.

In January 2008, ASR conducted groundwater monitoring and sampling to provide an updated status of the contaminant plume. ASR began the subsurface investigation at the site in July 2006, and has since performed monthly monitoring and quarterly sampling. In addition, ASR has performed LNAPL recovery and removal from specially designated recovery wells and monitoring wells. All on-site activities have been documented thus far, and are attached as Appendix-B.

As per the January 2008 groundwater monitoring and sampling activities, the contaminant plume is contained and stable. The level of LNAPL in the wells was found to be decreasing as the LNAPL removal program continues. All groundwater monitoring wells free of LNAPL, including two (2) down gradient wells, were sampled, and analysis indicated that no VOCs were detected in excess of the laboratory minimum detection limits.

2.0 SITE CHARACTERIZATION

2.1 Site Description

The site is legally identified as New York City Tax Block 2487, Tax Lots 1, 10, 12, 17, 18, 20, 21, 57, 72, and 78. The current owner since 1983 is 49 Dupont Realty Corporation. The site is a former manufacturing facility. The New York City Department of Finance Occupancy Code is "F-9, Factory Industrial." According to the Sanborn Map Report from Environmental Data Resources, Inc. (EDR), industrial activity at the site dates back to 1887.

Historic use of the site has included manufacturing, office, storage, shipping and receiving. More recently, the site had been used as a plastic manufacturing facility since 1950. According to *FPM Group* who completed a Phase I Site Assessment, dated April 2005 for the site, reported that commercial uses prior to 1950 included a boiler shop for Logan Ironworks, two stable buildings, a gas and light fixture factory, a sheet metal works, a soap manufacturer, a water proofing manufacturer, and a scrap metal facility.

3.0 SITE INVESTIGATION RESULTS

3.1 Monitoring Well Gauging

On January 11, 2008 ASR measured the depth to water, and monitored for the presence of LNAPL at the site and the surrounding area. A total of twenty five (25) wells were monitored. LNAPL (Light Non-Aqueous Phase Liquid) was detected in seventeen (17) of the twenty five (25) wells (MW-1, MW-4, MW-5, MW6, MW-7 MW-9 MW-15, MW-16, RW-1, RW-2, RW-3, RW-4, RW-5, RW-6, RW-7, RW-8, RW-9 and RW-10). The LNAPL in the seventeen (17) wells were all below 12 inches thick. Based on the monitoring results the LNAPL plume appears to be contained to the west and north east sections of the site. Although LNAPL was detected beneath the sidewalk adjacent to the site, it was not detected in either of the two (2) down gradient wells, (MW-12 and MW-13).

The depth to groundwater was detected at a range of 7.37 ft to 15.19 ft. A previous groundwater survey indicated that the groundwater flow direction is in a north westerly direction. The location of all groundwater monitoring wells is shown on the Monitoring Well Location Map, Appendix-A Figure – 2. All monitoring data is attached as Appendix-B, *Monitoring Well Gauging Data*.

3.2 Monitoring Well Sampling

On January 11, 2008 ASR sampled seven (7) groundwater monitoring wells (MW-2, MW-3, MW-8, MW-10, MW-12, MW-13, MW-14). New disposable polyethylene tubing was used with a peristaltic pump for sample collection. The groundwater samples were submitted to York Analytical Laboratories, Inc. and analyzed for Volatile Organic Compounds (VOCs) using EPA Method 8260 Stars and Semi Volatile Organic Compounds (SVOCs) using EPA Method 8270 Stars. All sampling data is attached in Appendix-B, *Groundwater Dissolved Constituent Sampling.*

3.3 Sampling Analysis

Bis (2-ethylhexyl) Phthalate has historically been detected as both LNAPL and a dissolved constituent in previous groundwater sampling activities. The January 2008 groundwater analytical results indicated that phthalates were detected in five (5) of the seven (7) groundwater samples collected. Dissolved phthalates were

detected in the groundwater samples collected from MW-12, MW-13, and MW-14. The detection in these wells, which had not previously reflected the presence of phthalates, was immediately suspected to be the result of cross contamination during the sampling process. No other VOCs were detected in any of the seven (7) sampled groundwater monitoring wells.

As a result of concerns with the initial detection of low levels of dissolved phthalates in monitoring wells MW-12, MW-13, and MW-14, and the possibility of cross contamination, these wells were resampled. On February 7, 2008 ASR returned to the site and collected groundwater samples from MW-12, MW-13 and MW14 after proper purging and development. The samples were and delivered to York Analytical Laboratories, Inc. and analyzed for EPA 8270 BN. The results indicated no detection of any phthalates in all three (3) samples. The laboratory analytical report is attached in Appendix-C.

3.4 LNAPL Removal Program

In November 2006, ASR implemented an Interim Remedial Measure (IRM) which included the recovered LNAPL by both mechanical and hand bailing methods. This IRM has continued uninterrupted removing a combination of phthalates and #4 Fuel Oil. Since November 2006 product has been recovered from RW-2, RW-3, RW-5, RW-7, RW-8, RW-9, RW-10, and monitoring wells MW-5, MW-6. Additional monitoring wells MW-15 and MW-16 were recently added to the LNAPL removal program in May 2007 along with RW-7 containing the fuel oil which was added in October 2007. Approximately 873 gallons of LNAPL was recovered in the first quarter of 2008 using *Spillbuster Inc.* pumps and hand bailing, of which 22 gallons was fuel oil. A total of approximately 5,400 gallons has been recovered from the ground as of the date of this report. On August 16, 2007, 3,200 gallons of LNAPL was recovered from the site using a vacuum truck. On February 7 2008 an additional 3,115 gallons of recovered phthalates was removed from the site by a vacuum truck. The manifest is attached in Appendix-D. Additional product continues to be recovered from the ground and stored on site. The product recovery data is located in Appendix - B Table - 2.

4.0 CONCLUSION

As per the January 2008 groundwater monitoring and sampling activities, the contaminant plume is contained and stable. LNAPL continues to be detected at the subject site, ranging in thickness from a sheen to several inches. The levels of LNAPL in the wells were found to be decreasing as the LNAPL removal program continues. All groundwater monitoring wells free of LNAPL were sampled and analyzed.

The low level detection of phthalates in the results of the three (3) down gradient well locations was suspected to be the result of cross contamination encountered during sampling and not indicative of the quality of the groundwater at these locations. As a result, ASR collected and analyzed additional samples from these wells. The data indicated no detection of phthalates in any of the samples. No other VOCs were detected in excess of the laboratory minimum detection limits in any samples.

ASR will continue to perform monthly monitoring and quarterly sampling of all groundwater monitoring wells to monitor the status of the identified contamination. ASR will also continue to perform the product recovery program as an ongoing IRM, and continue to provide updated status reports on the progress of this program.

APPENDIX - A

APPENDIX - B

APPENDIX - C

APPENDIX - D

ADVANCED SITE RESTORATION, LLC
ENVIRONMENTAL SERVICES

Quarterly Sampling Report

Second Quarter 2008

49-55 Dupont Street, Brooklyn, New York 11222
NYSDEC SPILL # 06-01852



Prepared By:

Advanced Site Restoration, LLC
62 William Street, New York N.Y. 10005

Prepared For:

49 Dupont Realty Corporation
49-55 Dupont St., Brooklyn, New York 11222

Steven Muller, CEC
Project Technician

Christopher Tomasello, IH
Project Manager

August 2008

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APPENDIX - C REPORTS

Laboratory Analytical Reports

APPENDIX - D MANIFEST

1.0 INTRODUCTION

Advanced Site Restoration, LLC (ASR) has developed this Quarterly Sampling Report on behalf of 49 Dupont Realty Corporation for 49-55 Dupont Street in Brooklyn New York (the subject site). The purpose of this report is to provide an update on the ongoing site investigation and Interim Remedial Measure (IRM) taking place at the site.

In August 2008, ASR conducted groundwater monitoring and sampling to provide an updated status of the contaminant plume. ASR began the subsurface investigation at the site in July 2006, and has since performed monthly monitoring and quarterly sampling. In addition, ASR has performed LNAPL recovery and removal from specially designated recovery wells and monitoring wells. All on-site activities have been documented thus far, and are attached as Appendix-B.

As per the August 2008 groundwater monitoring and sampling activities, the contaminant plume is contained and stable. The level of LNAPL in the wells was found to be decreasing as the LNAPL removal program continues. All groundwater monitoring wells free of LNAPL, including two (2) down gradient wells, were sampled, and analysis indicated that no VOCs were detected in excess of the laboratory minimum detection limits.

2.0 SITE CHARACTERIZATION

2.1 Site Description

The site is legally identified as New York City Tax Block 2487, Tax Lots 1, 10, 12, 17, 18, 20, 21, 57, 72, and 78. The current owner since 1983 is 49 Dupont Realty Corporation. The site is a former manufacturing facility. The New York City Department of Finance Occupancy Code is "F-9, Factory Industrial." According to the Sanborn Map Report from Environmental Data Resources, Inc. (EDR), industrial activity at the site dates back to 1887.

Historic use of the site has included manufacturing, office, storage, shipping and receiving. More recently, the site had been used as a plastic manufacturing facility since 1950. According to *FPM Group* who completed a Phase I Site Assessment, dated April 2005 for the site, reported that commercial uses prior to 1950 included a boiler shop for Logan Ironworks, two stable buildings, a gas and light fixture factory, a sheet metal works, a soap manufacturer, a water proofing manufacturer, and a scrap metal facility.

3.0 SITE INVESTIGATION RESULTS

3.1 Monitoring Well Gauging

On August 21, 2008 ASR measured the depth to water, and monitored for the presence of LNAPL at the site and the surrounding area. A total of twenty five (25) wells were monitored. LNAPL (Light Non-Aqueous Phase Liquid) was detected in sixteen (16) of the twenty five (25) wells (MW-3, MW-4, MW-5, MW-6, MW-7 MW-9 MW-15, MW-16, RW-2, RW-3, RW-4, RW-5, RW-6, RW-7, RW-8, RW-9 and RW-10). The LNAPL in thirteen (13) of the sixteen (16) wells were at or below 12 inches thick, MW- 5 had 2.18 ft and RW-8 had 1.45 ft of LNAPL, MW-9 readings were not recorded due to the product thickness in well. Based on the monitoring results the LNAPL plume appears to be contained to the west and north east sections of the site. Although LNAPL was detected beneath the sidewalk adjacent to the site, it was not detected in either of the two (2) down gradient wells, (MW-12 and MW-13).

The depth to groundwater was detected at a range of 7.35 ft to 15.10 ft. A previous groundwater survey indicated that the groundwater flow direction is in a north westerly direction. The location of all groundwater monitoring wells is shown on the Monitoring Well Location Map, Appendix-A Figure – 2. All monitoring data is attached as Appendix-B, *Monitoring Well Gauging Data*.

3.2 Monitoring Well Sampling

On August 21, 2008 ASR sampled eight (8) groundwater monitoring wells and one (1) recovery well (MW-2, MW-3, MW-8, MW-10, MW-12, MW-13, MW-14 and RW-1). New disposable polyethylene tubing was used with a peristaltic pump for sample collection. Three volumes of purged water were removed from monitoring wells prior to sampling. The groundwater samples were submitted to York Analytical Laboratories, Inc. and analyzed for Volatile Organic Compounds (VOCs) using EPA Method 8260 Stars and Semi Volatile Organic Compounds (SVOCs) using EPA Method 8270 Stars. All sampling data is attached in Appendix-B, *Groundwater Dissolved Constituent Sampling.*

3.3 Sampling Analysis

Bis (2-ethylhexyl) Phthalate has historically been detected as both LNAPL and a dissolved constituent in previous groundwater sampling activities. The August 2008 groundwater analytical results indicated that phthalates were not detected in

any of the eight (8) groundwater samples collected. 1,2-Dichloroethylene and Trichloroethylene in MW-8 were above method detected. A low trace of Trichloroethylene was found in MW-10. No other VOC's were detected in any of the eight (8) sampled groundwater monitoring wells.

3.4 LNAPL Removal Program

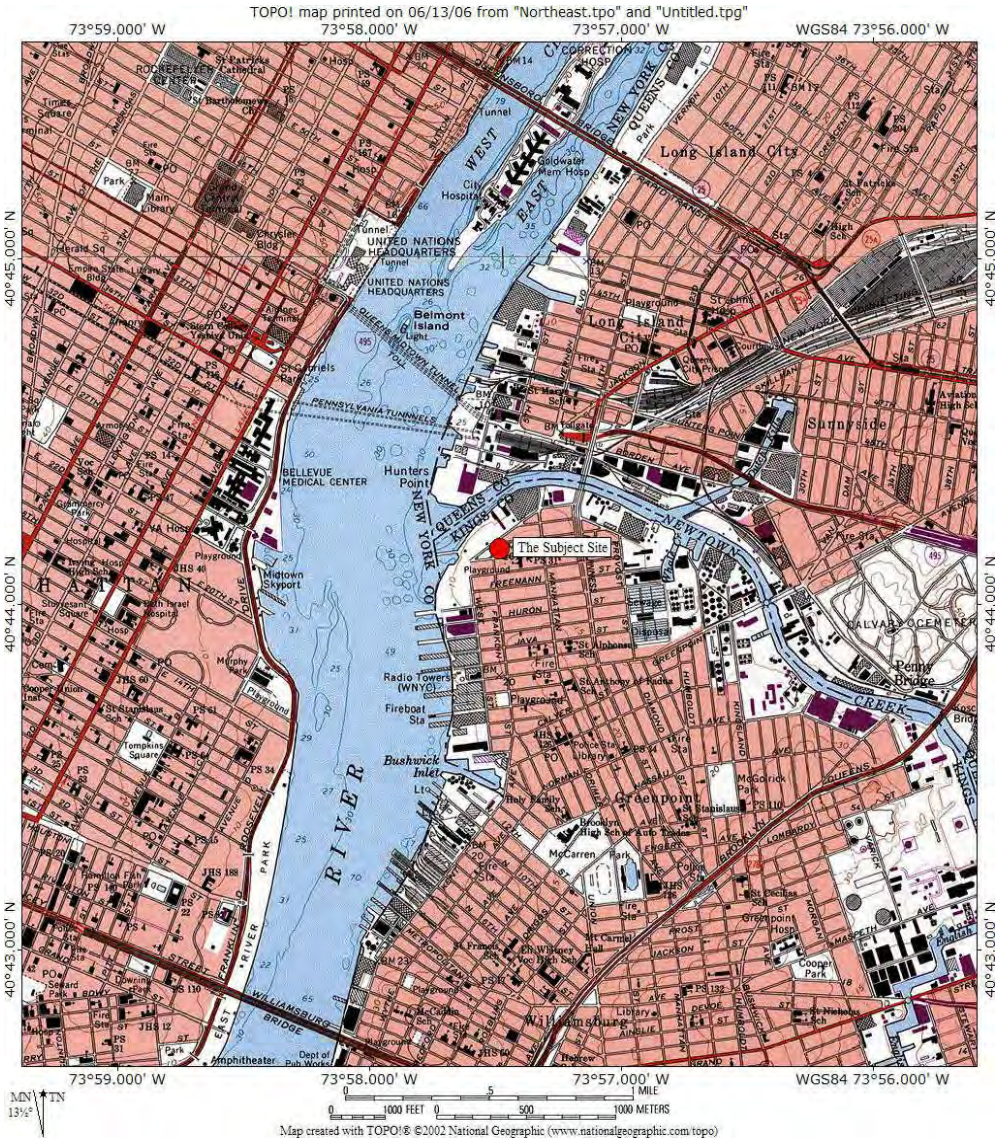
In November 2006, ASR implemented an Interim Remedial Measure (IRM) which included the recovered LNAPL by both mechanical and hand bailing methods. This IRM has continued uninterrupted removing a combination of phthalates and #4 Fuel Oil. Since November 2006 product has been recovered from RW-2, RW-3, RW-5, RW-7, RW-8, RW-9, RW-10, and monitoring wells MW-5, MW-6. Additional monitoring wells MW-15 and MW-16 were recently added to the LNAPL removal program in May 2007 along with RW-7 containing the fuel oil which was added in October 2007. Approximately 1044 gallons of LNAPL was recovered in the third quarter of 2008 using *Spillbuster Inc.* pumps and hand bailing. A total of approximately 6,247 gallons has been recovered from the ground as of the date of this report. On August 16, 2007, 3,200 gallons of LNAPL was recovered from the site using a vacuum truck. On February 7 2008 an additional 3,115 gallons of recovered phthalates was removed from the site by a vacuum truck. The manifest is attached in Appendix-D. Additional product continues to be recovered from the ground and stored on site. The product recovery data is located in Appendix - B Table - 2.

4.0 CONCLUSION

As per the August 2008 groundwater monitoring and sampling activities, the contaminant plume is contained and stable. LNAPL continues to be detected at the subject site, ranging in from a sheen to 2 ft in thickness. The levels of LNAPL in the wells were found to be decreasing as the LNAPL removal program continues. All groundwater monitoring wells free of LNAPL were sampled and analyzed.

ASR will continue to perform monthly monitoring and quarterly sampling of all groundwater monitoring wells to monitor the status of the identified contamination. ASR will also continue to perform the product recovery program as an ongoing IRM, and continue to provide updated status reports on the progress of this program.

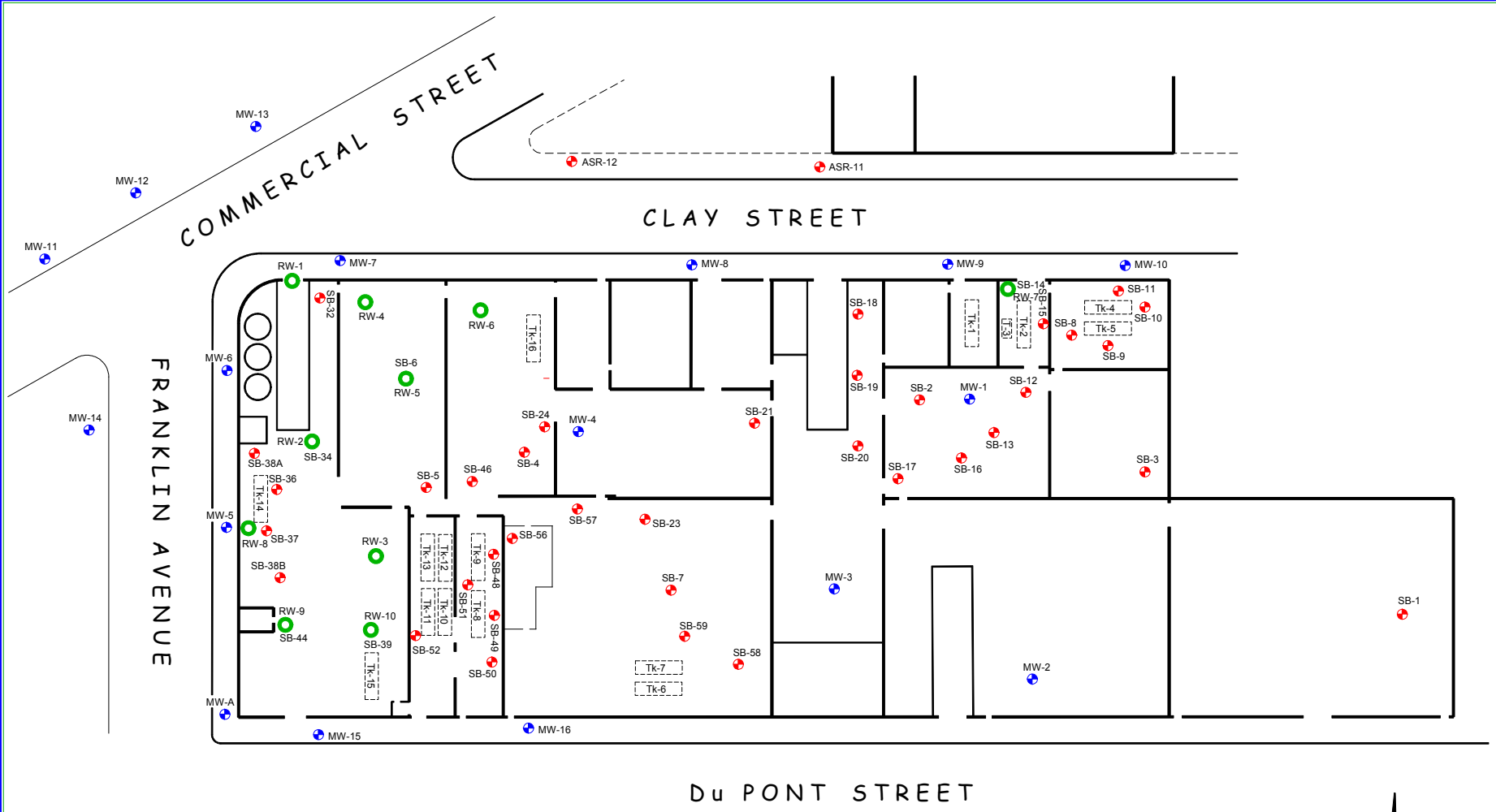
APPENDIX - A



ADVANCED Site Restoration, LLC.
Environmental Services

62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr.com

Figure - 1
Site Location Map
49-55 Dupont Street
Brooklyn, New York 11222

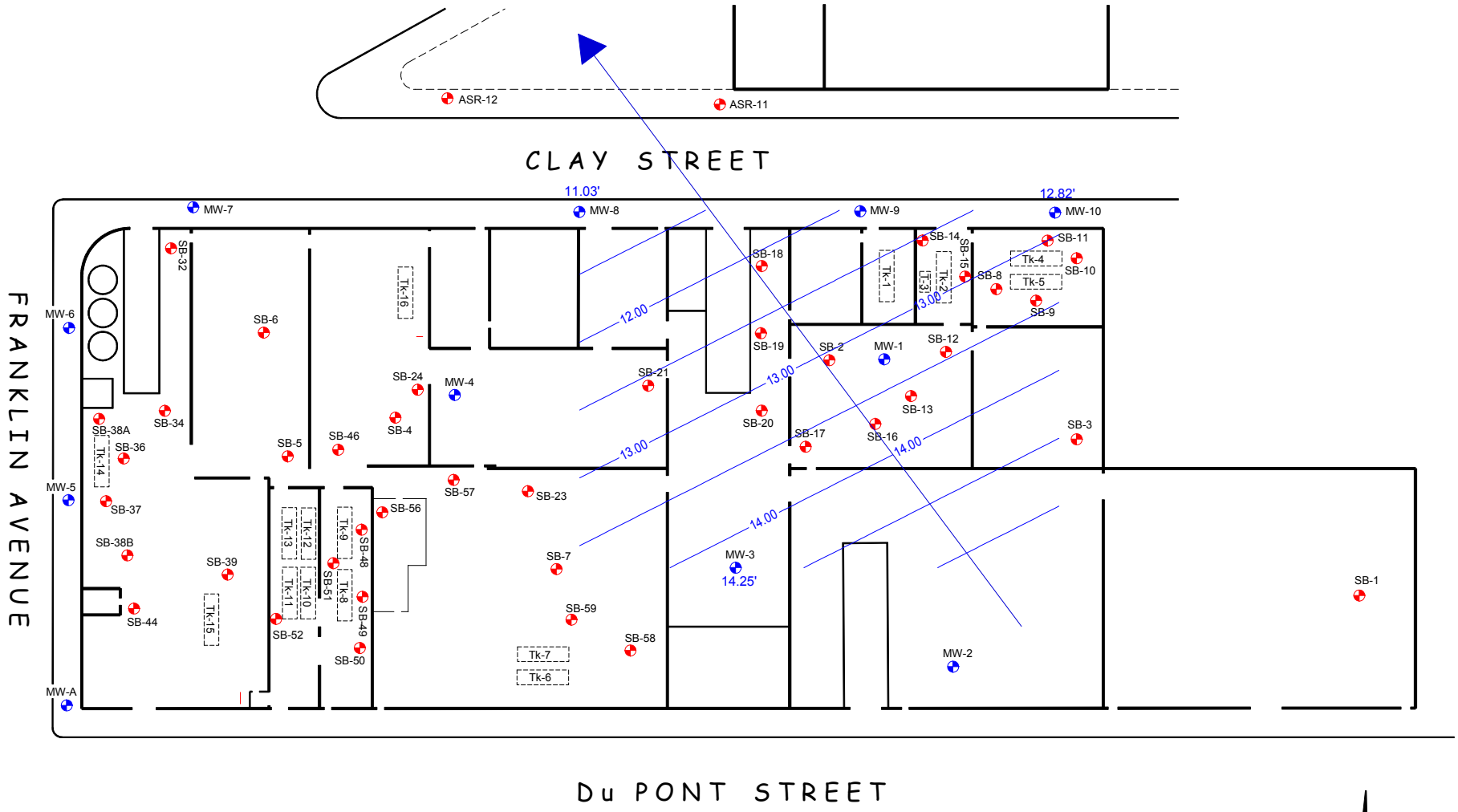


ADVANCED Site Restoration, LLC.
Environmental Services
62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr.com

Figure - 2
Well Location Map
December 2007

SWM

49 Dupont Realty Corp.
49 - 55 Dupont Street
Brooklyn, New York



MW-2
Location of Groundwater Monitoring Well

SB-22
Location of Geoprobe Soil Boring

Not to Scale

ADVANCED Site Restoration, LLC.
Environmental Services

62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr.com

Figure - 3
Groundwater Gradient Map
August 1, 2006

SWM

Rev: 08/23/06

49 Dupont Realty Corp.
49 - 55 Dupont Street
Brooklyn, New York

APPENDIX - B

ADVANCED SITE RESTORATION, LLC
ENVIRONMENTAL SERVICES

MONTHLY MONITORING REPORT

Site Address:	*NuHart & Company, Inc.* *49- 55 Dupont Street* *Brooklyn, New York*	**Regulatory Agency:** **Regulatory Contact:** **Spill File:**	*NYSDEC (Region II)* *Raphael Katani* *06-01852*
Prepared for:	*49 Dupont Realty Corp.* *Brooklyn, New York*	**Dupont Contact** **ASR Contact**	*Joe Folkman* *Steven Muller*

Report Date	*July, 2008*
Current Site Status	*Former Manufacturing Facility*
Monitoring Period	*July 2008*
Well Information	
Number/Type:	*15 - 2 inch diameter monitoring wells* *10 - 4 inch diameter recovery wells*
Groundwater Monitoring	
Gauging Frequency:	*Monthly*
Sampling Frequency:	*Quarterly*
Wells containing LNAPL:	*14*
LNAPL Thickness (max):	
Total BTEX:	*<MDL (April 2008)*
MtBE:	*<MDL (April 2008)*
Groundwater Depth:	*8.01 ft to 15.23 ft*
Groundwater Flow Direction:	*Northwesterly*
Surrounding Land Use:	
North:	*Hardware Store/Warehouse*
South:	*Residential Homes*
East:	*Multi-Family Residential Buildings*
West:	*New York City Lot*

Remedial Activities: *An Interum Remedial Measure consisting of two continous operating product only pumps and daily hand bailing is on-going.*

Reviewed By: Richard Levato

Reviewed By: Steven Muller, CEC

Table-1
49 Dupont Street
Brooklyn, New York

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-1	*5/10/2006*	*25.19*	*10.89*	*10.88*	*0.01*	*14.30*
	11/20/2006		*10.83*	*10.79*	*0.04*	*14.36*
	6/18/2007		*10.70*	*10.68*	*0.02*	*14.49*
	8/13/2007		*10.30*	*10.25*	*0.05*	*14.89*
	9/24/2007		*11.14*	*11.12*	*0.02*	*14.05*
	10/21/2007		*11.32*	*11.34*	*0.02*	*13.87*
	11/23/2007		*11.32*	*11.31*	*0.01*	*13.87*
	12/14/2007		*11.48*	*11.47*	*0.01*	*13.71*
	1/11/2008		*11.09*	*11.08*	*0.01*	*14.10*
	2/28/2008		*11.19*			*14.00*
	3/24/2008		*10.85*			*14.34*
	4/7/2008		*10.95*	*Sheen*		*14.24*
	5/12/2008		*10.87*			*14.32*
	6/4/2008		*10.92*			*14.90*
	7/25/2008		*11.30*			*13.89*
	8/21/2008		*11.71*			*13.48*
MW-2	*5/10/2006*	*25.34*	*11.78*	*----*	*----*	*13.56*
	11/20/2006		*NA*			
	4/25/2007		*7.66*			*17.68*
	5/10/2007		*8.64*			*16.70*
	6/18/2007		*9.66*			*15.68*
	8/13/2007		*8.30*			*17.04*
	9/24/2007		*10.20*			*15.14*
	10/21/2007		*10.44*			*14.90*
	11/23/2007		*10.59*			*14.75*
	12/14/2007		*10.76*			*14.58*
	1/11/2008		*10.37*			*14.97*
	2/28/2008		*10.10*			*15.24*
	3/24/2008		*9.90*			*15.44*
	4/7/2008		*9.94*			*15.40*
	5/12/2008		*9.97*			*15.37*
	6/4/2008		*10.05*			*15.30*
	7/25/2008		*10.49*			*14.85*
	8/21/2008		*10.72*			*14.52*
MW-3	*5/10/2006*	*25.52*	*9.83*	*----*	*----*	*15.69*
	8/10/2006		*11.27*	*----*	*----*	*14.25*
	11/20/2006		*NA*			
	4/25/2007		*10.98*			*14.54*
	5/10/2007		*9.50*			*16.02*
	6/18/2007		*11.53*			*13.99*
	8/13/2007		*11.01*			*14.51*
	9/24/2007		*11.94*			*13.68*
	10/21/2007		*12.26*			*13.36*
	11/23/2007		*12.45*			*13.07*
	12/14/2007		*12.75*			*12.77*
	1/11/2008		*12.34*			*13.18*
	2/28/2008		*12.11*			*13.41*
	3/24/2008		*11.97*			*13.55*
	4/7/2008		*12.03*			*13.49*
	5/12/2008		*21.08*			*4.44*
	6/4/2008		*12.06*			*13.46*
	7/25/2008		*12.35*			*13.17*
	8/21/2008		*12.52*			*13.00*
MW-4	*5/10/2006*	*25.62*	*13.90*	*12.28*	*1.62*	*11.72*
	11/20/2006		*13.56*	*12.28*	*1.28*	*12.06*
	5/10/2007		*11.92*	*11.80*	*0.12*	*13.70*
	6/18/2007		*12.55*	*12.37*	*0.18*	*13.07*
	8/13/2007		*12.42*	*12.07*	*0.35*	*13.20*
	9/24/2007		*12.98*	*12.78*	*0.20*	*12.63*
	10/21/2007		*13.02*	*13.14*	*0.12*	*12.60*
	11/23/2007		*13.14*	*13.13*	*0.01*	*12.48*
	12/14/2007		*13.31*	*13.29*	*0.02*	*12.31*
	1/11/2008		*12.88*	*12.87*	*0.01*	*12.74*
	2/28/2008		*13.25*	*13.15*	*0.10*	*12.37*
	3/24/2008		*13.10*	*12.55*	*0.55*	*12.52*
	4/7/2008		*12.79*	*12.69*	*0.10*	*12.83*
	5/12/2008		*12.82*	*12.68*	*0.14*	*12.80*
	6/4/2008		*12.90*	*12.70*	*0.20*	*12.72*
	7/25/2008		*12.70*			*12.92*
	8/21/2008		*12.75*	*Sh*	*Sh*	*12.87*

Table-1
49 Dupont Street
Brooklyn, New York

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-5	*8/10/2006*	*19.57*	*14.90*	*9.11*	*5.79*	*4.67*
	11/20/2006		*10.30*	*9.17*	*1.13*	*9.27*
	5/10/2007		*9.29*	*8.82*	*0.47*	*10.28*
	6/18/2007		*12.25*	*9.27*	*2.98*	*7.32*
	8/13/2007		*9.70*	*9.16*	*0.54*	*9.87*
	9/24/2007		*11.79*	*9.70*	*2.09*	*7.78*
	10/21/2007		*15.04*	*9.71*	*5.33*	*4.43*
	11/23/2007		*15.51*	*9.81*	*5.70*	*4.06*
	12/14/2007		*14.81*	*9.88*	*4.93*	*4.76*
	1/11/2008		*9.64*	*9.61*	*0.03*	*9.93*
	2/28/2008		*12.15*	*9.92*	*3.00*	*7.42*
	3/24/2008		*14.35*	*11.74*	*2.61*	*5.22*
	4/7/2008		*12.92*	*10.74*	*2.18*	*6.65*
	5/12/2008		*14.10*	*9.38*	*4.72*	*5.47*
	6/4/2008		*13.32*	*9.50*	*3.82*	*6.25*
	7/25/2008		*14.10*	*9.38*	*4.72*	*5.47*
	8/21/2008		*13.92*	*10.85*	*3.13*	*5.55*
MW-6	*8/10/2006*	*18.62*	*12.00*	*8.28*	*3.72*	*6.62*
	11/20/2006		*8.85*	*8.23*	*0.62*	*9.77*
	5/10/2007		*8.41*	*7.87*	*0.54*	*10.21*
	6/18/2007		*9.34*	*9.07*	*0.27*	*9.28*
	8/13/2007		*10.25*	*8.69*	*1.56*	*8.37*
	9/24/2007		*9.82*	*9.45*	*0.37*	*8.79*
	10/21/2007		*9.99*	*9.62*	*0.37*	*8.63*
	11/23/2007		*9.76*	*9.06*	*0.70*	*8.86*
	12/14/2007		*9.68*	*9.13*	*0.55*	*8.94*
	1/11/2008		*8.91*	*8.85*	*0.06*	*9.71*
	2/28/2008		*9.09*	*8.98*	*0.11*	*9.53*
	3/24/2008		*8.76*	*8.02*	*0.74*	*9.86*
	4/7/2008		*8.89*	*7.98*	*0.91*	*9.73*
	5/12/2008		*9.32*	*8.65*	*0.67*	*9.30*
	6/4/2008		*9.04*	*8.73*	*0.31*	*9.58*
	7/25/2008		*9.04*			*9.58*
	8/21/2008		*9.10*	*Sheen*	*Sheen*	*9.52*
MW-7	*8/10/2006*	*18.75*	*10.52*	*8.62*	*1.90*	*8.23*
	11/20/2006		*8.80*	*8.52*	*0.28*	*9.95*
	5/10/2007		*8.33*	*8.21*	*0.12*	*10.42*
	6/18/2007		*9.12*	*8.66*	*0.46*	*9.63*
	8/13/2007		*9.50*	*8.65*	*0.85*	*9.25*
	9/24/2007		*9.71*	*9.10*	*0.61*	*9.04*
	10/21/2007		*9.48*	*9.14*	*0.34*	*9.27*
	11/23/2007		*9.79*	*9.13*	*0.66*	*8.96*
	12/14/2007		*9.65*	*9.32*	*0.33*	*9.10*
	1/11/2008		*9.10*	*9.08*	*0.02*	*9.65*
	2/28/2008		*9.23*	*9.03*	*0.20*	*9.52*
	3/24/2008		*8.96*	*8.84*	*0.12*	*9.79*
	4/7/2008		*9.33*	*9.24*	*0.09*	*9.42*
	5/12/2008		*9.15*	*8.79*	*0.36*	*9.60*
	6/4/2008		*Did Not Monitor*			
	7/25/2008		*9.15*	*8.79*	*0.36*	*9.60*
	8/21/2008		*9.20*	*8.80*	*0.40*	*9.55*
MW-8	*8/10/2006*	*20.26*	*9.46*	*----*	*----*	*10.80*
	11/20/2006		*NA*			
	5/10/2007		*8.86*			*11.40*
	6/18/2007		*9.40*			*10.86*
	8/13/2007		*9.45*			*10.81*
	9/24/2007		*9.78*			*10.48*
	10/21/2007		*10.03*			*10.23*
	11/23/2007		*10.16*			*10.10*
	12/14/2007		*10.21*			*10.05*
	1/11/2008		*9.96*			*10.30*
	2/28/2008		*9.76*			*10.50*
	3/24/2008		*9.62*			*10.64*
	4/7/2008		*9.74*			*10.52*
	5/12/2008		*9.76*			*10.50*
	6/4/2008		*Did Not Monitor*			
	7/25/2008		*10.07*			*10.19*
	8/21/2008		*10.20*			*10.06*

Table-1
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Brooklyn, New York

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-9	*8/10/2006*	*20.62*	*10.22*	*7.88*	*2.34*	*10.40*
	11/20/2006		*LNAPL*			
	6/18/2007		*too thick*			
	8/13/2007		*too thick*			
	9/24/2007		*unknown*	*8.79*		
	10/21/2007		*too thick*			
	11/23/2007		*9.33*	*9.29*	*0.04*	*11.29*
	12/14/2007		*too thick*			
	1/11/2008		*9.21*	*9.18*	*0.03*	*11.41*
	2/28/2008		*9.32*	*9.02*	*0.30*	*11.30*
	3/24/2008		*too thick*			
	4/7/2008		*too thick*			
	5/12/2008		*9.15*	*8.90*	*0.25*	*11.47*
	6/4/2008		*Did Not Monitor*			
	7/25/2008		*9.85*	*8.90*	*0.95*	*10.77*
	8/21/2008		*9.91*	*9.87*	*0.04*	*10.71*
MW-10	*8/1/2006*	*21.04*	*8.22*	*----*	*----*	*12.82*
	5/10/2007		*7.97*			*13.07*
	6/18/2007		*8.25*			*12.79*
	9/24/2007		*8.69*			*12.79*
	10/21/2007		*8.64*			*12.40*
	11/23/2007		*8.88*			*12.16*
	12/14/2007		*8.96*			*12.08*
	1/11/2008		*8.63*			*12.41*
	2/28/2008		*8.42*			*12.62*
	3/24/2008		*8.37*			*12.67*
	4/7/2008		*8.45*			*12.59*
	5/12/2008		*8.41*			*12.63*
	6/4/2008		*Did Not Monitor*			
	7/25/2008		*8.79*			*12.25*
	8/21/2008		*9.19*			
MW-11	*9/19/2006*	*17.01*	*7.07*	*----*	*----*	*9.94*
	11/20/2006					
	5/10/2007		*DESTROYED*			
MW-12	*9/19/2006*	*16.99*	*7.10*	*----*	*----*	*9.89*
	11/20/2006					
	5/10/2007		*6.89*			*10.10*
	8/13/2007		*6.57*			*10.42*
	9/24/2007		*7.74*			*9.25*
	10/21/2007		*7.61*			*9.38*
	11/23/2007		*7.64*			*9.35*
	12/14/2007		*7.21*			*9.78*
	1/11/2008		*7.37*			*9.62*
	2/28/2008		*7.47*			*9.52*
	3/24/2008		*7.38*			*9.61*
	4/7/2008		*7.40*			*9.59*
	5/12/2008		*7.13*			*9.86*
	6/4/2008		*7.36*			*9.63*
	7/25/2008		*7.82*			*9.17*
	8/21/2008		*7.94*			*9.05*

Table-1
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Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-13	*9/19/2006*	*17.20*	*7.16*	*----*	*----*	*10.04*
	11/20/2006					
	5/10/2007		*6.87*			*10.33*
	8/13/2007		*6.51*			*10.69*
	9/24/2007		*7.89*			*9.31*
	10/21/2007		*7.72*			*9.48*
	11/23/2007		*7.77*			*9.43*
	12/14/2007		*7.33*			*9.87*
	1/11/2008		*7.52*			*9.68*
	2/28/2008		*7.40*			*9.80*
	3/24/2008		*7.27*			*9.93*
	4/7/2008		*7.35*			*9.85*
	5/12/2008		*7.09*			*10.11*
	6/4/2008		*7.50*			*9.70*
	7/25/2008		*8.01*			*9.19*
	8/21/2008		*8.00*			*9.20*
MW-14	*9/19/2006*	*18.23*	*8.11*	*----*	*----*	*10.12*
	5/10/2007		*7.60*			*10.63*
	8/13/2007		*8.23*			*10.00*
	9/24/2007		*8.52*			*9.71*
	10/21/2007		*8.61*			*9.62*
	11/23/2007		*8.71*			*9.52*
	12/14/2007		*NA*			*----*
	1/11/2008		*8.53*			*9.70*
	2/28/2008		*8.32*			*9.91*
	3/24/2008		*8.15*			*10.08*
	4/7/2008		*8.30*			*9.93*
	5/12/2008		*8.20*			*10.03*
	6/4/2008		*8.35*			*9.88*
	7/25/2008		*8.65*			*9.58*
	8/21/2008		*9.20*			*9.03*
MW-15	*5/10/2007*	*NA*	*10.83*	*9.35*	*1.48*	*----*
	5/23/2007		*9.72*	*9.70*	*0.02*	*----*
	6/18/2007		*10.02*	*9.93*	*0.09*	*----*
	8/13/2007		*9.70*	*9.16*	*0.54*	*----*
	9/24/2007		*10.73*	*10.32*	*0.41*	*----*
	10/21/2007		*11.37*	*10.44*	*0.07*	*----*
	11/23/2007		*NA*			*----*
	12/14/2007		*11.15*	*10.63*	*0.52*	*----*
	1/11/2008		*10.39*	*10.37*	*0.02*	*----*
	2/28/2008		*10.36*	*10.18*	*0.18*	*----*
	3/24/2008		*10.19*	*10.05*	*0.14*	*----*
	4/7/2008		*10.94*	*10.17*	*0.77*	*----*
	5/12/2008		*10.45*	*10.13*	*0.32*	*----*
	6/4/2008		*Did Not Monitor*			
	7/25/2008		*10.45*	*10.13*	*0.32*	*----*
	8/21/2008		*10.47*	*10.41*	*0.06*	
MW-16	*5/10/2007*	*NA*	*11.07*	*9.98*	*1.09*	*----*
	5/23/2007		*10.54*	*10.31*	*0.23*	*----*
	6/18/2007		*11.27*	*10.59*	*0.68*	*----*
	8/13/2007		*11.81*	*10.46*	*1.35*	*----*
	9/24/2007		*11.03*	*11.09*	*0.06*	*----*
	10/21/2007		*11.16*	*11.14*	*0.02*	*----*
	11/23/2007		*NA*			*----*
	12/14/2007		*11.35*	*11.32*	*0.03*	*----*
	1/11/2008		*11.06*	*11.05*	*0.01*	*----*
	2/28/2008		*11.00*	*10.85*	*0.15*	*----*
	3/24/2008		*10.91*	*10.71*	*0.20*	*----*
	4/7/2008		*10.96*	*10.17*	*0.79*	*----*
	5/12/2008		*10.85*	*10.32*	*0.53*	*----*
	6/4/2008		*Did Not Monitor*			*----*
	7/25/2008		*10.85*	*10.32*	*0.53*	*----*
	8/21/2008		*10.91*	*10.87*	*0.04*	

Table-1
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Brooklyn, New York

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
RW-1	*11/20/2006*	*NA*	*8.38*			----
	4/25/2007		*7.57*			----
	5/10/2007		*8.04*			----
	6/18/2007		*8.57*			----
	9/24/2007		*9.10*			----
	10/21/2007		*9.17*			----
	11/23/2007		*9.31*			----
	12/14/2007		*9.22*			----
	1/11/2008		*13.06*			----
	2/28/2008		*8.83*			----
	3/24/2008		*8.73*			----
	4/7/2008		*8.84*			----
	5/12/2008		*8.74*			----
	6/4/2008		*8.85*			----
	7/25/2008		*9.16*			----
	8/21/2008		*9.23*			
RW-2	*4/25/2007*	*NA*	*12.46*	*12.45*	*0.01*	----
	5/10/2007		*12.91*	*12.71*	*0.20*	----
	10/21/2007		*14.09*	*13.85*	*0.24*	----
	11/23/2007		*15.81*	*14.51*	*1.30*	----
	12/14/2007		*15.22*	*13.85*	*1.37*	----
	1/11/2008		*13.64*	*13.31*	*0.33*	----
	2/28/2008		*13.44*	*13.26*	*0.18*	----
	3/24/2008		*13.52*	*13.16*	*0.36*	----
	4/7/2008		*13.25*	*13.01*	*0.24*	----
	5/12/2008		*13.60*	*13.36*	*0.24*	----
	6/4/2008		*Did Not Monitor*			----
	7/25/2008		*13.60*	*13.36*	*0.24*	----
	8/21/2008		*13.65*	*13.28*	*0.37*	
RW-3	*4/25/2007*	*NA*	*13.84*	*13.60*	*0.24*	----
	5/10/2007		*14.17*	*14.00*	*0.17*	----
	6/18/2007		*15.40*	*14.53*	*0.87*	----
	9/24/2007		*15.63*	*14.96*	*0.67*	----
	10/21/2007		*15.73*	*15.12*	*0.51*	----
	11/23/2007		*16.51*	*15.15*	*1.36*	----
	12/14/2007		*15.55*	*13.33*	*2.22*	----
	1/11/2008		*14.94*	*14.71*	*0.23*	----
	2/28/2008		*14.99*	*14.39*	*0.60*	----
	3/24/2008		*15.30*	*14.70*	*0.60*	----
	4/7/2008		*14.96*	*14.40*	*0.56*	----
	5/12/2008		*15.23*	*14.75*	*0.48*	----
	6/4/2008		*Did Not Monitor*			----
	7/25/2008		*15.23*	*14.75*	*0.48*	----
	8/21/2008		*15.31*	*15.01*	*0.30*	
RW-4	*11/20/2006*	*NA*	*16.47*	*14.49*	*1.98*	----
	4/25/2007		*14.15*	*13.75*	*0.40*	----
	5/10/2007		*14.44*	*14.10*	*0.34*	----
	6/18/2007		*14.85*	*14.62*	*0.23*	----
	9/24/2007		*16.87*	*15.29*	*1.58*	----
	10/21/207		*15.74*	*15.45*	*0.29*	----
	11/23/2007		*15.88*	*15.42*	*0.46*	----
	12/14/2007		*15.84*	*15.48*	*0.36*	----
	1/11/2008		*15.19*	*15.04*	*0.15*	----
	2/28/2008		*15.06*	*14.84*	*0.22*	----
	3/24/2008		*15.14*	*14.85*	*0.29*	----
	4/7/2008		*15.10*	*14.92*	*0.18*	----
	5/12/2008		*15.22*	*14.83*	*0.39*	----
	6/4/2008		*Did Not Monitor*			----
	7/25/2008		*15.22*	*14.38*	*0.84*	----
	8/21/2008		*15.23*	*15.20*	*0.03*	

Table-1
49 Dupont Street
Brooklyn, New York

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
RW-5	*11/20/2006*	*NA*	*13.64*	*13.53*	*0.11*	----
	4/25/2007		*12.75*	*12.60*	*0.15*	----
	5/10/2007		*13.10*	*13.02*	*0.08*	----
	6/18/2007		*13.60*	*13.55*	*0.05*	----
	9/24/2007		*14.24*	*13.94*	*0.30*	----
	10/21/2007		*14.23*	*14.11*	*0.12*	----
	11/23/2007		*14.23*	*14.13*	*0.10*	----
	12/14/2007		*14.75*	*14.26*	*0.49*	----
	1/11/2008		*13.94*	*13.81*	*0.13*	----
	2/28/2008		*14.01*	*14.00*	*0.01*	----
	3/24/2008		*14.35*	*14.12*	*0.23*	----
	4/7/2008		*14.21*	*14.20*	*0.01*	----
	5/12/2008		*13.58*	*13.56*	*0.02*	----
	6/4/2008		*13.32*	*9.50*	*3.82*	----
	7/25/2008		*13.32*	*9.50*	*3.82*	----
	8/21/2008		*13.34*	*11.25*	*2.09*	
RW-6	*4/25/2007*	*NA*	*10.69*			----
	5/10/2007		*11.08*			----
	6/18/2007		*11.58*			----
	9/24/2007		*12.77*	*11.94*	*0.83*	----
	10/21/2007		*12.92*	*12.11*	*0.81*	----
	11/23/2007		*12.85*	*12.14*	*0.71*	----
	12/14/2007		*12.78*	*12.21*	*0.57*	----
	1/11/2008		*11.96*	*11.71*	*0.25*	----
	2/28/2008		*12.14*	*11.55*	*0.59*	----
	3/24/2008		*12.02*	*11.98*	*0.04*	----
	4/7/2008		*12.11*	*12.01*	*0.10*	----
	5/12/2008		*11.77*	*11.74*	*0.03*	----
	6/4/2008		*11.86*	*SHEEN*		----
	7/25/2008		*12.17*	*SHEEN*		----
	8/21/2008		*12.01*	*Sheen*		
RW-7	*11/20/2006*	*NA*	*LNAPL*			----
	9/24/2007		*unknown*	*9.05*		----
	10/21/2007		*9.51*	*too thick*		----
	11/23/2007		*9.83*	*9.77*	0.06	----
	12/14/2007		*9.80*	*too thick*		----
	1/11/2008		*9.26*	*9.22*	0.04	----
	2/28/2008		*9.35*	*9.27*	0.08	----
	3/24/2008		*too thick*			----
	4/7/2008		*9.22*	*9.06*	*0.16*	----
	5/12/2008		*too thick*			----
	6/4/2008		*too thick*			----
	7/25/2008		*9.22*	*9.06*	*0.16*	----
	8/21/2008		*9.28*	*9.18*	0.10	
RW-8	*4/25/2007*	*NA*	*12.60*	*12.35*	*0.25*	----
	5/10/2007		*13.11*	*12.78*	*0.33*	----
	6/18/2007		*14.36*	*13.25*	*1.11*	----
	8/13/2007					----
	9/24/2007		*15.95*	*13.65*	*2.30*	----
	10/21/207		*NS*			----
	11/23/2007		*14.45*	*13.98*	*0.47*	----
	12/14/2007		*14.78*	*13.95*	*0.83*	----
	1/11/2008		*13.69*	*13.44*	*0.25*	----
	2/28/2008		*15.22*	*13.87*	*1.35*	----
	3/24/2008		*14.97*	*13.86*	*1.11*	----
	4/7/2008		*15.01*	*13.56*	*1.45*	----
	5/12/2008		*14.28*	*13.45*	*0.83*	----
	6/4/2008		*Did Not Monitor*			----
	7/25/2008		*14.28*	*13.45*	*0.83*	----
	8/21/2008		*14.30*	*13.85*	*0.45*	

Table-1
49 Dupont Street
Brooklyn, New York

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
RW-9	*4/25/2007*	*NA*	*12.10*	*11.95*	*0.15*	----
	5/10/2007		*12.59*	*12.36*	*0.23*	----
	6/18/2007		*13.60*	*12.83*	*0.77*	----
	8/13/2007					----
	9/24/2007		*14.80*	*13.30*	*1.50*	----
	10/21/2007		*NS*			----
	11/23/2007		*13.97*	*13.23*	*0.74*	----
	12/14/2007		*14.15*	*13.59*	*0.56*	----
	1/11/2008		*13.31*	*13.19*	*0.12*	----
	2/28/2008		*13.26*	*12.78*	*0.48*	----
	3/24/2008		*13.31*	*12.58*	*0.73*	----
	4/7/2008		*13.41*	*12.42*	*0.99*	----
	5/12/2008		*13.44*	*13.03*	*0.41*	----
	6/4/2008		*Did Not Monitor*			----
	7/25/2008		*13.44*	*13.03*	*0.41*	----
	8/21/2008		*13.50*	*13.25*	*0.25*	
RW-10	*4/25/2007*	*NA*	*11.76*	*11.64*	*0.12*	----
	5/10/2007		*12.13*	*12.05*	*0.08*	----
	8/13/2007		*pump*			----
	9/24/2007		*pump*			----
	10/21/2007		*pump*			----
	11/23/2007		*13.89*	*13.18*	*0.71*	----
	12/14/2007		*13.72*	*13.31*	*0.41*	----
	1/11/2008		*13.28*	*13.14*	*0.14*	----
	2/28/2008		*13.43*	*13.39*	*0.04*	----
	3/24/2008		*13.26*	*13.19*	*0.07*	----
	4/7/2008		*13.33*	*13.21*	*0.12*	----
	5/12/2008		*13.40*	*13.33*	*0.07*	----
	6/4/2008		*Did Not Monitor*			
	7/25/2008		*13.40*	*13.33*	*0.07*	----
	8/21/2008		*13.46*	*12.85*	*0.61*	

Table-2
49 Dupont Street
Brooklyn, New York

Well Number	Sampling Date	Benzene	Toluene	Ethylbenzene	Total Xylene	MtBE	Bis(2-ethylhexyl)phthalate	Di-n-octylphthalate
MW-1	7/24/2006	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	7/18/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	10/24/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	1/11/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	4/7/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	8/21/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
MW-2	7/24/2006	<MDL	<MDL	<MDL	<MDL	<MDL	60	<MDL
	7/18/2007	<MDL	<MDL	<MDL	<MDL	<MDL	77	<MDL
	10/24/2007	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	1/11/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	4/7/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	8/21/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
MW-3	7/24/2006	<MDL	<MDL	<MDL	<MDL	<MDL	31	<MDL
	7/18/2007	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	10/24/2007	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	1/11/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	4/7/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	8/21/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
MW-4	7/24/2006	<MDL	<MDL	<MDL	<MDL	<MDL	120,000 P	160,000 P
	7/18/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	10/24/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	1/11/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	4/7/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
MW-5	7/24/2006	<MDL	<MDL	<MDL	<MDL	<MDL	780,000 P	90,000 P
	7/18/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	10/24/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	1/11/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	4/7/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
MW-6	7/24/2006	<MDL	<MDL	<MDL	<MDL	<MDL	1,300,000 P	<MDL
	7/18/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	10/24/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	1/11/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	4/7/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
MW-7	7/24/2006	<MDL	<MDL	<MDL	<MDL	<MDL	370,000 P	<MDL
	7/18/2007	NT	NT	NT	NT	NT	4,600 P	<MDL
	10/24/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	1/11/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	4/7/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL

<MDL = Parameter below method detection limit
NA = Well not Accessible
NT = Not Tested
P = These wells developed free product shortly after sampling and are no longer sampled for dissolved constituents

Table-2
49 Dupont Street
Brooklyn, New York

Well Number	Sampling Date	Benzene	Toluene	Ethylbenzene	Total Xylene	MtBE	Bis(2-ethylhexyl)phthalate	Di-n-octylphthalate
MW-8	*7/24/2006*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*89*	*<MDL*
	7/18/2007	*NT*	*NT*	*NT*	*NT*	*NT*	*230*	*<MDL*
	10/24/2007	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*
	1/11/2008	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*22*	*<MDL*
	4/7/2008	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*
	8/21/2008	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*
MW-9	*7/24/2006*	*<MDL*	*<MDL*	*11*	*11*	*<MDL*	*<MDL*	*<MDL*
	7/18/2007	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*
	10/24/2007	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*
	1/11/2008	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*
	4/7/2008	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*
MW-10	*7/24/2006*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*6*	*<MDL*
	7/18/2007	*NT*	*NT*	*NT*	*NT*	*NT*	*57*	*<MDL*
	10/24/07	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*
	1/11/2008	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*99*	*<MDL*
	4/7/2008	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*
	8/21/2008	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*
MW-11	*9/18/2006*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*
	DESTROYED	*DESTROYED*	*DESTROYED*	*DESTROYED*	*DESTROYED*	*DESTROYED*	*DESTROYED*	*DESTROYED*
MW-12	*9/18/2006*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*17*	*<MDL*
	7/18/2007	*NT*	*NT*	*NT*	*NT*	*NT*	*ND*	*<MDL*
	10/24/2007	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*
	1/11/2008	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*14*	*<MDL*
	4/7/2008	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*
	8/21/2008	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*
MW-13	*9/18/2006*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*
	7/18/2007	*NT*	*NT*	*NT*	*NT*	*NT*	*<MDL*	*<MDL*
	10/24/2007	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*
	1/11/2008	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*170*	*<MDL*
	4/7/2008	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*
	8/21/2008	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*

<MDL = Parameter below method detection limit
NA = Well not Accessible
NT = Not Tested
P = These wells developed free product shortly after sampling and are no longer sampled for dissolved constituents

Table-2
49 Dupont Street
Brooklyn, New York

Well Number	Sampling Date	Benzene	Toluene	Ethylbenzene	Total Xylene	MtBE	Bis(2-ethylhexyl)phthalate	Di-n-octylphthalate
MW-14	*9/18/2006*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*
	7/18/2007	*NT*	*NT*	*NT*	*NT*	*NT*	*<MDL*	*<MDL*
	10/24/2007	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*
	1/11/2008	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*86*	*<MDL*
	4/7/2008	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*
	8/21/2008							
MW-15	*12/7/2006*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*6,400*	*<MDL*
	7/18/2007	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*
	10/24/2007	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*
MW-16	*12/7/2006*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*990*
	7/18/2007	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*
	10/24/2007	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*	*LNAPL*
RW-1	*7/18/2007*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*
	4/7/2008	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*
RW-6	*7/18/2007*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*<MDL*	*40*	*<MDL*

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Table-3
49 Dupont Street
Brooklyn, New York

Well Number	RW-2	RW-3	RW-4	RW-5	RW-7	RW-8	RW-9	RW-10	MW-4	MW-5	MW-6	MW-7	MW-9	MW-15	MW-16	TOTAL
Nov-06	100	60	0	0	0	0	0	0	27	1	0	0	0	0	0	188
Dec-06	92	67	0	0	0	5	6	168	1	0	0	0	0	0	0	339
Jan-07	80	93	0	0	0	25	13	144	1	5	5	0	0	0	0	366
Feb-07	98	87	0	0	0	16	20	158	0	0	0	0	0	0	0	379
Mar-07	79	95	0	0	0	14	16	167	0	0	0	0	0	0	0	371
Apr-07	76	92	27	0	0	42	15	165	6	27	26	0	0	0	0	476
May-07	72	96	32	0	0	46	17	175	7	28	26	0	0	4	0	503
Jun-07	75	90	2	0	0	39	21	166	1	25	26	0	0	1	0	446
Jul-07	67	82	3	0	0	38	23	154	1	28	29	0	0	1	0	426
Aug-07	47	89	0	0	0	38	22	166	0	16	17	0	0	8	8	411
Sep-07	15	43	0	0	0	36	19	146	0	22	9	0	0	4	4	298
Oct-07	27	87	0	9	2	27	14	120	0	20	14	1	0	3	0	324
Nov-07	23	52	0	10	4	22	26	110	0	22	8	1	2	1	1	282
Dec-07	20	35	0	8	2	25	15	108	0	18	2	0	1	1	0	235
Jan-08	37	12	0	16	13	24	40	148	0	14	21	24	0	6	1	356
Feb-08	28	11	0	14	15	21	16	99	0	12	23	12	0	0	0	251
Mar-08	24	12	0	9	8	22	15	142	0	18	22	16	0	0	0	288
Apr-08	29	12	0	8	9	25	17	151	0	28	16	13	0	0	0	308
May-08	34	11	4	0	1	28	9	106	0	18	28	0	0	0	0	239
Jun-08	25	10	5	1	2	37	10	120	0	20	25	0	10	0	0	265
Jul-08	35	12	2	2	3	32	11	125	0	21	30	0	0	0	0	273
Aug-08	28	13	2	2	2	35	17	110	0	21	28	0	6	2	1	267
Total =	**1111**	**1161**	**77**	**79**	**61**	**597**	**362**	**2948**	**44**	**364**	**355**	**67**	**19**	**31**	**15**	**7291**

APPENDIX - C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

Report Date: 8/29/2008
Re: Client Project ID: 49 Dupont
York Project No.: 08080810

CT License No. PH-0723 New Jersey License No. CT-005 New York License No. 10854

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

Report Date: 8/29/2008
Client Project ID: 49 Dupont
York Project No.: 08080810

Advanced Site Restoration
62 William St.
New York, NY 10005
Attention: Steve Muller

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 08/22/08. The project was identified as your project "49 Dupont".

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			MW1		MW2	
York Sample ID			08080810-01		08080810-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	5	Not detected	5
1,3,5-Trimethylbenzene			Not detected	5	Not detected	5
Benzene			Not detected	1	Not detected	1
Ethylbenzene			Not detected	5	Not detected	5
Isopropylbenzene			Not detected	5	Not detected	5
Methyl-tert-butyl ether			Not detected	5	Not detected	5
Naphthalene			Not detected	5	Not detected	5
n-Butylbenzene			Not detected	5	Not detected	5
n-Propylbenzene			Not detected	5	Not detected	5
o-Xylene			Not detected	5	Not detected	5
p- & m- Xylenes			Not detected	5	Not detected	5
p-Isopropyltoluene			Not detected	5	Not detected	5
sec-Butylbenzene			Not detected	5	Not detected	5
tert-Butylbenzene			Not detected	5	Not detected	5
Toluene			Not detected	5	Not detected	5

YORK

Client Sample ID			MW1		MW2	
York Sample ID			08080810-01		08080810-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/L	---	---	---	---
Acenaphthene			Not detected	6.2	Not detected	5.6
Acenaphthylene			Not detected	6.2	Not detected	5.6
Anthracene			Not detected	6.2	Not detected	5.6
Benzo[a]anthracene			Not detected	6.2	Not detected	5.6
Benzo[a]pyrene			Not detected	6.2	Not detected	5.6
Benzo[b]fluoranthene			Not detected	6.2	Not detected	5.6
Benzo[g,h,i]perylene			Not detected	6.2	Not detected	5.6
Benzo[k]fluoranthene			Not detected	6.2	Not detected	5.6
Chrysene			Not detected	6.2	Not detected	5.6
Dibenz[a,h]anthracene			Not detected	6.2	Not detected	5.6
Fluoranthene			Not detected	6.2	Not detected	5.6
Fluorene			Not detected	6.2	Not detected	5.6
Indeno[1,2,3-cd]pyrene			Not detected	6.2	Not detected	5.6
Naphthalene			Not detected	6.2	Not detected	5.6
Phenanthrene			Not detected	6.2	Not detected	5.6
Pyrene			Not detected	6.2	Not detected	5.6

Client Sample ID			MW3		MW8	
York Sample ID			08080810-03		08080810-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	5	Not detected	5
1,3,5-Trimethylbenzene			Not detected	5	Not detected	5
Benzene			Not detected	1	Not detected	1
Ethylbenzene			Not detected	5	Not detected	5
Isopropylbenzene			Not detected	5	Not detected	5
Methyl-tert-butyl ether			Not detected	5	Not detected	5
Naphthalene			Not detected	5	Not detected	5
n-Butylbenzene			Not detected	5	Not detected	5
n-Propylbenzene			Not detected	5	Not detected	5
o-Xylene			Not detected	5	Not detected	5
p- & m- Xylenes			Not detected	5	Not detected	5
p-Isopropyltoluene			Not detected	5	Not detected	5
sec-Butylbenzene			Not detected	5	Not detected	5
tert-Butylbenzene			Not detected	5	Not detected	5
Toluene			Not detected	5	Not detected	5
Semi-Volatiles, STARS List	SW846-8270	ug/L	---	---	---	---
Acenaphthene			Not detected	6.7	Not detected	6.2
Acenaphthylene			Not detected	6.7	Not detected	6.2
Anthracene			Not detected	6.7	Not detected	6.2
Benzo[a]anthracene			Not detected	6.7	Not detected	6.2
Benzo[a]pyrene			Not detected	6.7	Not detected	6.2
Benzo[b]fluoranthene			Not detected	6.7	Not detected	6.2
Benzo[g,h,i]perylene			Not detected	6.7	Not detected	6.2
Benzo[k]fluoranthene			Not detected	6.7	Not detected	6.2
Chrysene			Not detected	6.7	Not detected	6.2
Dibenz[a,h]anthracene			Not detected	6.7	Not detected	6.2

YORK

Client Sample ID			MW3		MW8	
York Sample ID			08080810-03		08080810-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Fluoranthene			Not detected	6.7	Not detected	6.2
Fluorene			Not detected	6.7	Not detected	6.2
Indeno[1,2,3-cd]pyrene			Not detected	6.7	Not detected	6.2
Naphthalene			Not detected	6.7	Not detected	6.2
Phenanthrene			Not detected	6.7	Not detected	6.2
Pyrene			Not detected	6.7	Not detected	6.2

Client Sample ID			MW10		MW12	
York Sample ID			08080810-05		08080810-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	5	Not detected	5
1,3,5-Trimethylbenzene			Not detected	5	Not detected	5
Benzene			Not detected	1	Not detected	1
Ethylbenzene			Not detected	5	Not detected	5
Isopropylbenzene			Not detected	5	Not detected	5
Methyl-tert-butyl ether			Not detected	5	Not detected	5
Naphthalene			Not detected	5	Not detected	5
n-Butylbenzene			Not detected	5	Not detected	5
n-Propylbenzene			Not detected	5	Not detected	5
o-Xylene			Not detected	5	Not detected	5
p- & m- Xylenes			Not detected	5	Not detected	5
p-Isopropyltoluene			Not detected	5	Not detected	5
sec-Butylbenzene			Not detected	5	Not detected	5
tert-Butylbenzene			Not detected	5	Not detected	5
Toluene			Not detected	5	Not detected	5
Semi-Volatiles, STARS List	SW846-8270	ug/L	---	---	---	---
Acenaphthene			Not detected	5.6	Not detected	5.9
Acenaphthylene			Not detected	5.6	Not detected	5.9
Anthracene			Not detected	5.6	Not detected	5.9
Benzo[a]anthracene			Not detected	5.6	Not detected	5.9
Benzo[a]pyrene			Not detected	5.6	Not detected	5.9
Benzo[b]fluoranthene			Not detected	5.6	Not detected	5.9
Benzo[g,h,i]perylene			Not detected	5.6	Not detected	5.9
Benzo[k]fluoranthene			Not detected	5.6	Not detected	5.9
Chrysene			Not detected	5.6	Not detected	5.9
Dibenz[a,h]anthracene			Not detected	5.6	Not detected	5.9
Fluoranthene			Not detected	5.6	Not detected	5.9
Fluorene			Not detected	5.6	Not detected	5.9
Indeno[1,2,3-cd]pyrene			Not detected	5.6	Not detected	5.9
Naphthalene			Not detected	5.6	Not detected	5.9
Phenanthrene			Not detected	5.6	Not detected	5.9
Pyrene			Not detected	5.6	Not detected	5.9

YORK

Client Sample ID			MW13		MW14	
York Sample ID			08080810-07		08080810-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, STARS List	SW846-8260	ug/L	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	5	Not detected	5
1,3,5-Trimethylbenzene			Not detected	5	Not detected	5
Benzene			Not detected	1	Not detected	1
Ethylbenzene			Not detected	5	Not detected	5
Isopropylbenzene			Not detected	5	Not detected	5
Methyl-tert-butyl ether			Not detected	5	Not detected	5
Naphthalene			Not detected	5	Not detected	5
n-Butylbenzene			Not detected	5	Not detected	5
n-Propylbenzene			Not detected	5	Not detected	5
o-Xylene			Not detected	5	Not detected	5
p- & m- Xylenes			Not detected	5	Not detected	5
p-Isopropyltoluene			Not detected	5	Not detected	5
sec-Butylbenzene			Not detected	5	Not detected	5
tert-Butylbenzene			Not detected	5	Not detected	5
Toluene			Not detected	5	Not detected	5
Semi-Volatiles, STARS List	SW846-8270	ug/L	---	---	---	---
Acenaphthene			Not detected	5.9	Not detected	6.7
Acenaphthylene			Not detected	5.9	Not detected	6.7
Anthracene			Not detected	5.9	Not detected	6.7
Benzo[a]anthracene			Not detected	5.9	Not detected	6.7
Benzo[a]pyrene			Not detected	5.9	Not detected	6.7
Benzo[b]fluoranthene			Not detected	5.9	Not detected	6.7
Benzo[g,h,i]perylene			Not detected	5.9	Not detected	6.7
Benzo[k]fluoranthene			Not detected	5.9	Not detected	6.7
Chrysene			Not detected	5.9	Not detected	6.7
Dibenz[a,h]anthracene			Not detected	5.9	Not detected	6.7
Fluoranthene			Not detected	5.9	Not detected	6.7
Fluorene			Not detected	5.9	Not detected	6.7
Indeno[1,2,3-cd]pyrene			Not detected	5.9	Not detected	6.7
Naphthalene			Not detected	5.9	Not detected	6.7
Phenanthrene			Not detected	5.9	Not detected	6.7
Pyrene			Not detected	5.9	Not detected	6.7

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. 08080810

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: for Robert Q. Bradley, Managing Director **Date:** 8/29/2008

YORK

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

Field Chain-of-Custody Record

08080810

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature) / Name (Printed)
ASA	Steve Muller	ASA	49 Dupont	

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
1	mw1	7/21/08	X				8260 Stars / 8272 BN	3
2	mw2		X					3
3	mw3		X					3
4	mw 8		X					3
5	mw10		X					3
6	mw12		X					3
7	mw13		X					3
8	mw14		X					3

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by: Michael Lewis 8/21	Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time
Sample Received by: H. Bernard Horton	Date/Time: 8-22-08 6:08PM		
Sample Received in LAB by	Date/Time: 8-22-08 2000		

Comments/Special Instructions

4.1°C

Turn-Around Time

X Standard ___ RUSH(define)_____

ADVANCED SITE RESTORATION, LLC
ENVIRONMENTAL SERVICES

May 9, 2009

Mr. Raphael Katani
NYSDEC Region 2
Hunters Point Plaza
47-40 21st Street
Long Island City, New York 11101

Re: Quarterly Status Report – First Quarter 2009
49-55 Dupont Street
Brooklyn, New York
NYSDEC Spill Number 06-01852

Dear Mr. Katani:

Advanced Site Restoration, LLC (ASR) has prepared the enclosed Quarterly Status Report on behalf of 49 Dupont Realty Corp. The report details the subsurface assessment results from site work conducted between January 2009 and March 2009.

If you have any questions, please do not hesitate to contact us.

Sincerely,
Advanced Site Restoration, LLC

Chris Tomasello
Project Manager

Encl. Quarterly Status Report – First Quarter 2009

62 WILLIAM STREET ▪ 3RD FLOOR ▪ NEW YORK ▪ NEW YORK 10005
TEL: 212▪809▪1110 FAX: 212▪809▪1779
www.askasr.com

ADVANCED SITE RESTORATION, LLC

QUARTERLY STATUS REPORT
(JANUARY 2009 through MARCH 2009)

Prepared For: 49 Dupont Reality Corp.
Prepared By: Advanced Site Restoration, LLC
Report Date: March 26, 2009

SITE DESCRIPTION

Street Address:	49-55 Dupont Street
City:	Brooklyn
State:	New York
Regulatory Agency:	NYSDEC Region 2
Regulatory Contact:	Raphael Katani
NYSDEC Spill Number:	06-01852
ASR Contact:	Steven Muller
Current Property Use:	Former Manufacturing Facility

The location of the subject site is shown on the Site Location Map (Figure 1). The monitoring well locations and other site features are shown on the Well Location Map (Figure 2).

SITE WORK PERFORMED THIS REPORTING PERIOD
The monitoring well network was gauged on January 19, 2009, February 19, 2009, and March 26, 2009 and sampled on March 26, 2009.

PRODUCT RECOVERY PROGRAM
Free floating product was historically detected in the area surrounding MW-4 through MW-7, MW-9, MW-15, MW-16, and RW-2 through RW-10. The free floating product was removed, recorded, and properly disposed. This was achieved through the use of a peristaltic pump and/or P-10 sticks, an all natural absorbent. After preliminary product removal, several inches of floating product reappeared in MW-4 through MW-7, MW-9, MW-15, MW-16, and RW-2 through RW-10. ASR began a product recovery program consisting of groundwater monitoring and product bailing until the floating product is no longer detected. It is estimated that approximately six hundred forty one (641) gallons of product was recovered from MW-4 through MW-7, MW-9, MW-15, MW-16, and RW-2 through RW-10 in three (3) months of bailing activities, January 2009 through March 2009. Monitoring well gauging date reports are attached as Table-1. A Product Removal Log is attached as Table- 3.

GROUND WATER GAUGING AND SAMPLING METHODS

During this groundwater monitoring event, the monitoring wells were gauged for depth to groundwater and for the presence of light non-aqueous phase liquid (LNAPL). The depth to groundwater and presence of LNAPL, if any, were gauged using an oil/water interface probe capable of measuring to the nearest 0.01 foot. The groundwater level measurements were converted to groundwater elevations using top of monitoring well casing elevations. Top of casing elevations were referenced to an arbitrary, on-site datum. Ground water elevations were corrected for the presence of LNAPL, as appropriate, using a reference value for LNAPL specific gravity of 0.75.

Prior to sampling, the volume of water contained within each monitoring well was calculated using the well diameter and water column height. Whenever possible, a volume of groundwater equivalent to at least three well volumes was purged from each monitoring well using a disposable polyethylene bailer and/or a mechanical pump with dedicated polyethylene tubing. Dedicated polyethylene bailers were used to collect the groundwater samples. The samples were poured from the bailers into dedicated laboratory-supplied glassware. The glassware was then placed into a cooler and maintained at a temperature of less than 4-degrees Celsius during transportation to the laboratory.

The groundwater samples were forwarded under chain-of-custody procedures to York Analytical Laboratories, Inc. (York) of Stratford, Connecticut. York is a New York State Department of Health-ELAP certified laboratory (Certification Number 09030963). The groundwater samples were analyzed for volatile organic compounds (VOCs), including benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tertiary-butyl ether (MTBE) in accordance with United States Environmental Protection Agency (USEPA) Method 8260 STARS.

MONITORING WELL GAUGING RESULTS

During this groundwater monitoring event, groundwater monitoring wells were gauged as previously described. The gauging information and the calculated water level elevations are provided in Monitoring Well Gauging Data (Table 1). The groundwater elevation measurements are plotted on the Groundwater Gradient Map, (Figure 3).

The monitoring well gauging results are summarized as follows:

Gauging Date:	1/29/09, 2/19/09, 3/26/09
Number of Wells Gauged (ID):	25 (MW-1 through MW-10, MW-12 through MW-16, RW-1 through RW-10)
Number of Wells Not Gauged (ID[Reason]:	none
Gauging Frequency:	Monthly
Wells with LNAPL (amount):	9 (0.10' to 1.35)
Depth to Groundwater (ft):	8.03' to 15.27'
Interpreted Groundwater Flow Direction:	Northwest

MONITORING WELL SAMPLING ANALYTICAL RESULTS

During the March 26, 2009 groundwater monitoring event, groundwater samples were collected as previously described. BTEX and MTBE compounds in excess of applicable New York State Department of Environmental Conservation (NYSDEC) Ground Water Quality Standards (GWQS) were not detected in any of the wells sampled.

The monitoring well sample analytical results are summarized as follows:

Sampling Date:	March 26, 2009
Number of Wells Sampled (ID):	16 (MW-1 through MW-10, MW-12 through MW-16, RW-6)
Number of Wells not Sampled(ID,Reason):	none
Sampling Frequency:	Quarterly
Total BTEX Concentration Range (ug/l):	None
MTBE Concentration Range (ug/l):	None

The groundwater laboratory analytical results are provided in Groundwater Dissolved Constituent Sampling Data (Table 2). The laboratory analytical report is provided as Appendix A. Historical ground water analytical data are also provided in Groundwater Dissolved Constituent Sampling Data (Table 2).

CONCLUSIONS AND RECOMMENDATIONS

Concentration of BTEX in excess of applicable NYSDEC GWQS was not detected in any of the groundwater samples collected during this groundwater sampling event. ASR intends to continue monthly groundwater monitoring at the subject site. The next sampling event is scheduled for June, 2009. LNAPL was last detected on March 26, 2009 in MW-4 through MW-7, MW-9, MW-15, MW-16, RW-2 and RW-10.

A noticeable decrease in the plume size has been seen throughout this quarter. Wells that have historically contained product now only contain only sheens (MW-7, MW-9, MW-15, and MW-16). Product recovery seems to be having noticeable impact on both the size and thickness of the LNAPL plume.

LIMITATIONS

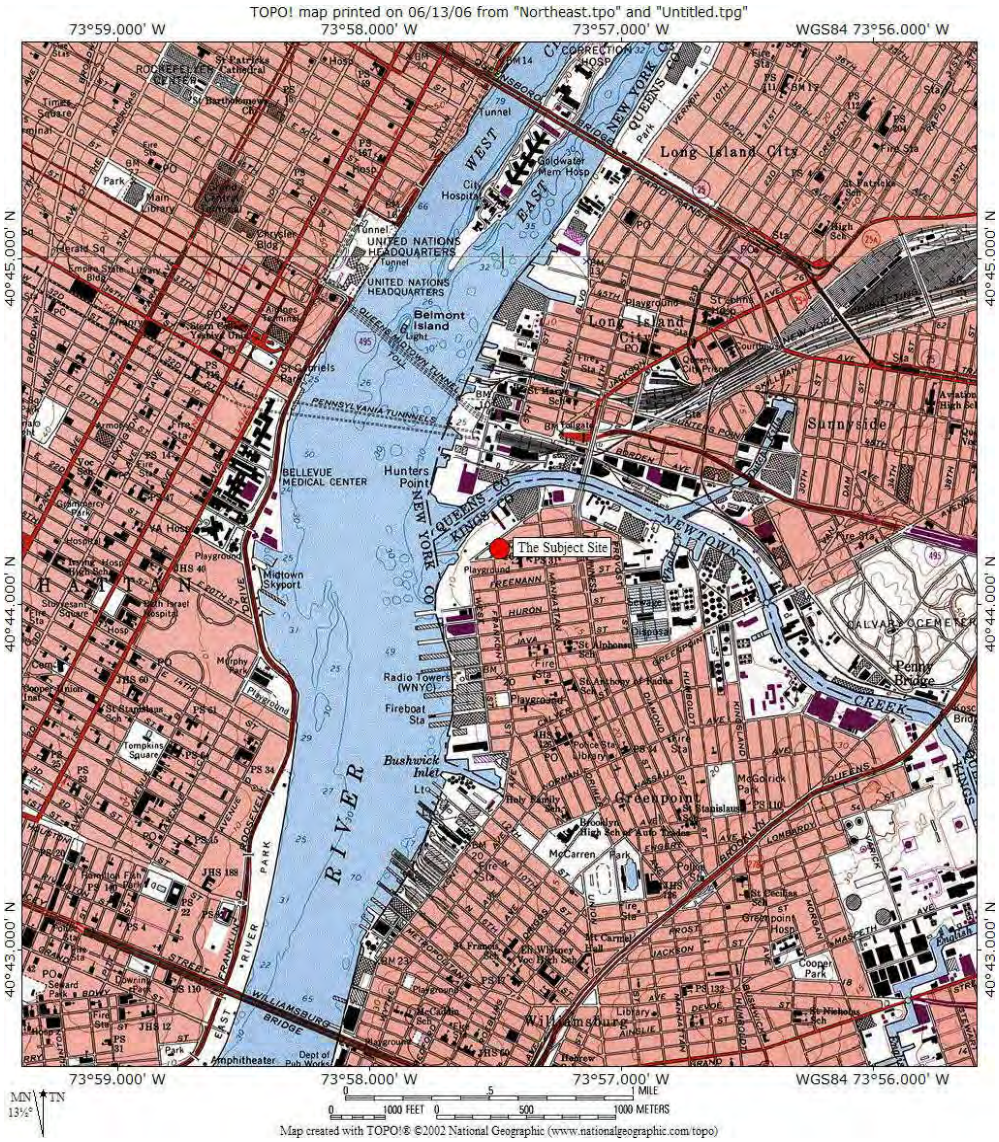
The recommendations contained in this report represents ASR's professional opinions based upon currently available information and are arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between ASR and its client outlines the scope of work and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of ASR's client and anyone else specifically listed on this report. ASR will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, ASR makes no express or implied warranty as to the contents of this report.

Prepared By:

Steven Muller
Project Manager

Reviewed By:

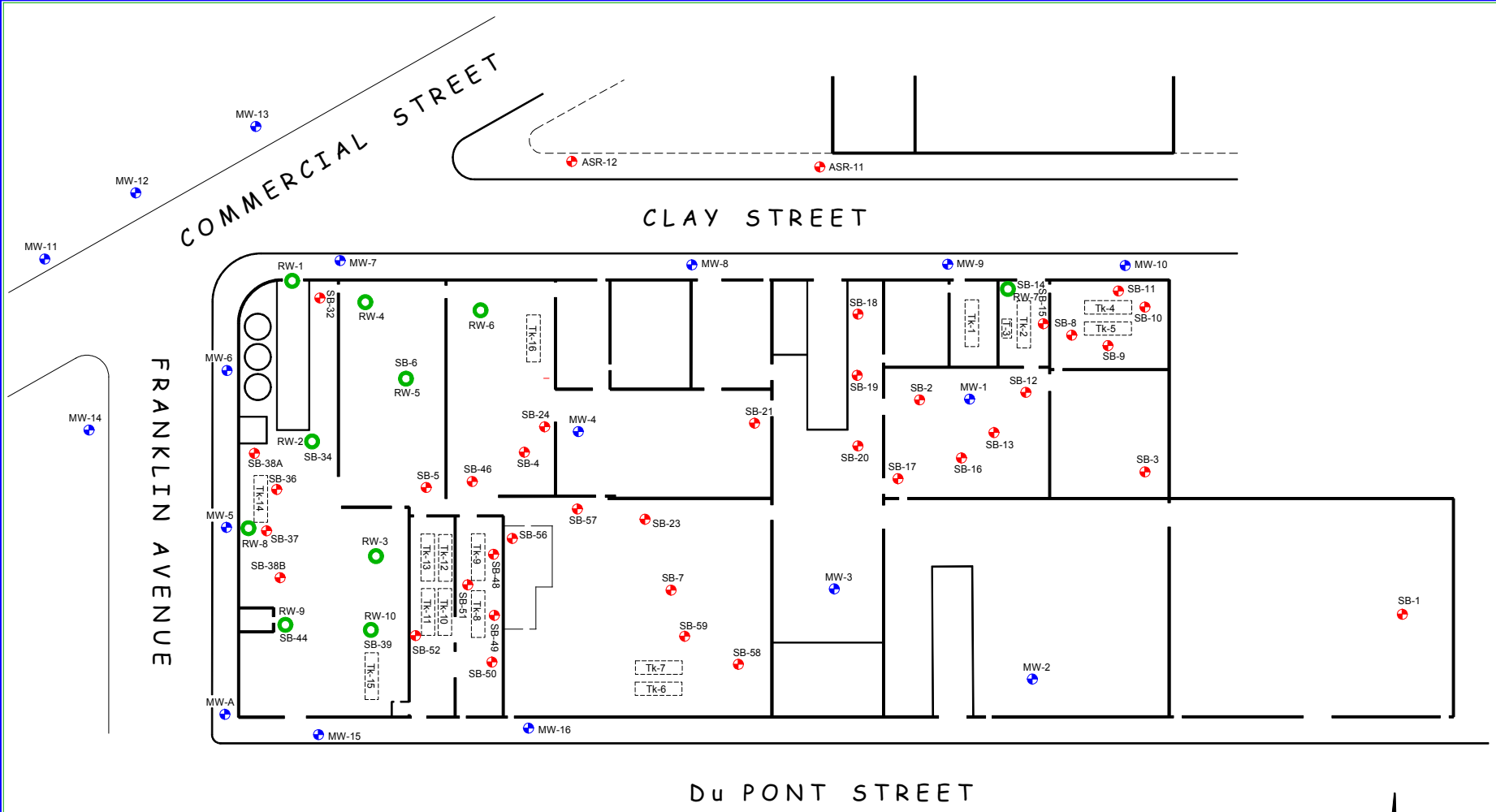
Christopher Tomasello, IH
Project Professional



ADVANCED Site Restoration, LLC.
Environmental Services

62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr.com

Figure - 1
Site Location Map
49-55 Dupont Street
Brooklyn, New York 11222



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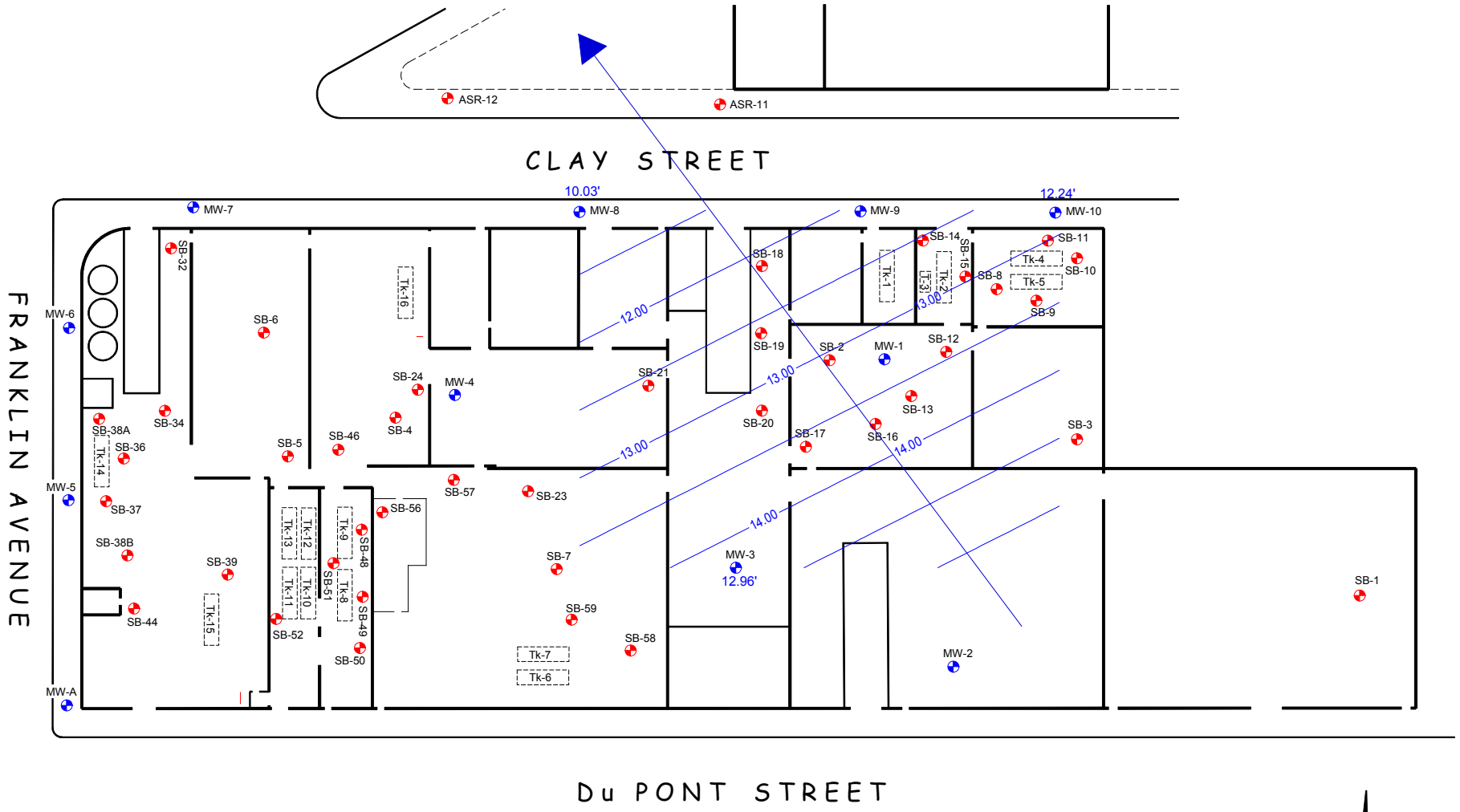
Environmental Services
62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr.com

Figure - 2
Well Location Map

SWM

49 Dupont Realty Corp.
49 - 55 Dupont Street
Brooklyn, New York



MW-2
Location of Groundwater Monitoring Well

SB-22
Location of Geoprobe Soil Boring

Not to Scale

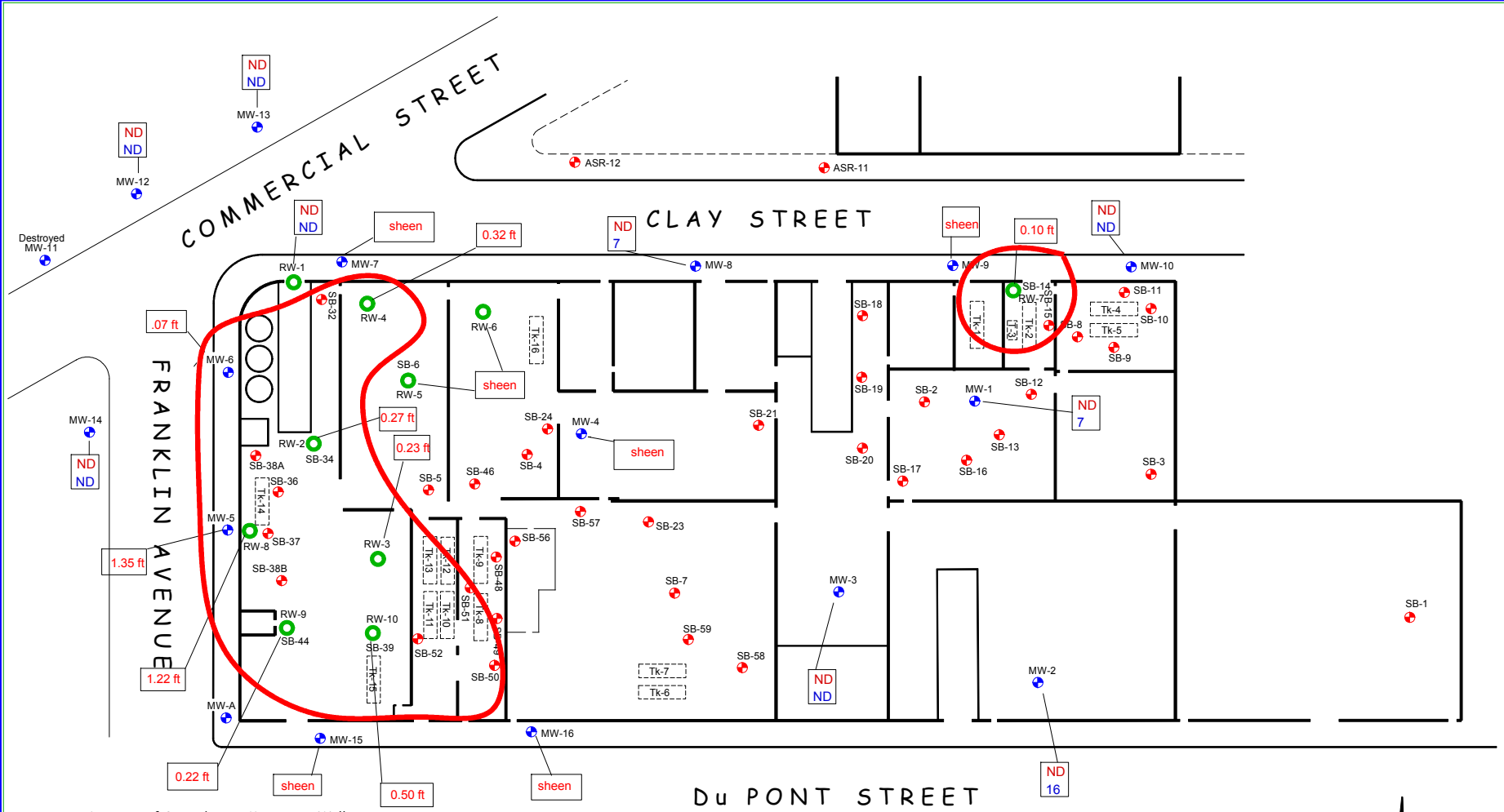
ADVANCED Site Restoration, LLC.
Environmental Services

62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr.com

Figure - 3
Groundwater Gradient Map
March 26, 2009

SWM

49 Dupont Realty Corp.
49 - 55 Dupont Street
Brooklyn, New York



MW-2 Location of Groundwater Monitoring Well

SB-22 Location of Geoprobe Soil Boring

RW-3 Location of Product Recovery Wells

ND Groundwater Analytical Results

Floating Product (3/26/09)

ND =Di-n-octylphthalate
ND =Bis(2-ethylhexyl)phthalate

ND = Non-Detect

ADVANCED Site Restoration, LLC.
Environmental Services

62 William St., 3rd Floor, New York, NY 10005
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr.com

Figure - 4
Monitoring/Sampling Results Map
March 26, 2009

SWM

49 Dupont Realty Corp.
49 - 55 Dupont Street
Brooklyn, New York

Table-1
49 Dupont Street
Brooklyn, New York

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-1	*5/10/2006*	*25.19*	*10.89*	*10.88*	*0.01*	
	11/20/2006		*10.83*	*10.79*	*0.04*	
	6/18/2007		*10.70*	*10.68*	*0.02*	
	8/13/2007		*10.30*	*10.25*	*0.05*	
	9/24/2007		*11.14*	*11.12*	*0.02*	
	10/21/2007		*11.32*	*11.34*	*0.02*	
	11/23/2007		*11.32*	*11.31*	*0.01*	
	12/14/2007		*11.48*	*11.47*	*0.01*	
	1/11/2008		*11.09*	*11.08*	*0.01*	
	2/28/2008		*11.19*			
	3/24/2008		*10.85*			
	4/7/2008		*10.95*	*Sheen*		
	5/12/2008		*10.87*			*14.32*
	6/4/2008		*10.92*			*14.90*
	7/25/2008		*11.30*			*13.89*
	8/21/2008		*11.71*			*13.48*
	9/19/2008		*11.64*			*13.55*
	10/22/2008		*11.68*			*13.51*
	11/14/2008		*11.48*			*13.71*
	12/31/2008		*10.92*			*14.27*
	1/29/2009		*11.22*			*13.97*
	2/19/2009		*11.03*			*14.16*
	3/26/2009		*11.56*			*13.63*
MW-2	*5/10/2006*	*25.34*	*11.78*	----	----	*13.56*
	11/20/2006		*NA*			----
	4/25/2007		*7.66*			*17.68*
	5/10/2007		*8.64*			*16.70*
	6/18/2007		*9.66*			*15.68*
	8/13/2007		*8.30*			*17.04*
	9/24/2007		*10.20*			*15.14*
	10/21/2007		*10.44*			*14.90*
	11/23/2007		*10.59*			*14.75*
	12/14/2007		*10.76*			*14.58*
	1/11/2008		*10.37*			*14.97*
	2/28/2008		*10.10*			*15.24*
	3/24/2008		*9.90*			*15.44*
	4/7/2008		*9.94*			*15.40*
	5/12/2008		*9.97*			*15.37*
	6/4/2008		*10.05*			*15.30*
	7/25/2008		*10.49*			*14.85*
	8/21/2008		*10.72*			*14.52*
	9/19/2008		*10.66*			*14.58*
	10/22/2008		*10.96*			*14.28*
	11/14/2008		*10.89*			*14.45*
	12/31/2008		*11.35*			*13.99*
	1/29/2009		*10.30*			*15.04*
	2/19/2009		*9.67*			*15.67*
	3/26/2009		*10.26*			*15.08*
MW-3	*5/10/2006*	*25.52*	*9.83*	----	----	*15.69*
	8/10/2006		*11.27*	----	----	*14.25*
	11/20/2006		*NA*			
	4/25/2007		*10.98*			*14.54*
	5/10/2007		*9.50*			*16.02*
	6/18/2007		*11.53*			*13.99*
	8/13/2007		*11.01*			*14.51*
	9/24/2007		*11.94*			*13.68*
	10/21/2007		*12.26*			*13.36*
	11/23/2007		*12.45*			*13.07*
	12/14/2007		*12.75*			*12.77*
	1/11/2008		*12.34*			*13.18*
	2/28/2008		*12.11*			*13.41*
	3/24/2008		*11.97*			*13.55*
	4/7/2008		*12.03*			*13.49*
	5/12/2008		*21.08*			*4.44*
	6/4/2008		*12.06*			*13.46*
	7/25/2008		*12.35*			*13.17*
	8/21/2008		*12.52*			*13.00*
	9/19/2008		*12.48*			*13.04*
	10/22/2008		*8.65*			*16.87*
	11/14/2008		*12.59*			*12.93*
	12/31/2008		*12.14*			*13.38*
	1/29/2009		*12.22*			*13.30*
	2/19/2009		*12.09*			*13.43*
	3/26/2009		*12.56*			*12.96*

Table-1
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Brooklyn, New York

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-4	*5/10/2006*	*25.62*	*13.90*	*12.28*	*1.62*	
	11/20/2006		*13.56*	*12.28*	*1.28*	
	5/10/2007		*11.92*	*11.80*	*0.12*	
	6/18/2007		*12.55*	*12.37*	*0.18*	
	8/13/2007		*12.42*	*12.07*	*0.35*	
	9/24/2007		*12.98*	*12.78*	*0.20*	
	10/21/2007		*13.02*	*13.14*	*0.12*	
	11/23/2007		*13.14*	*13.13*	*0.01*	
	12/14/2007		*13.31*	*13.29*	*0.02*	
	1/11/2008		*12.88*	*12.87*	*0.01*	
	2/28/2008		*13.25*	*13.15*	*0.10*	
	3/24/2008		*13.10*	*12.55*	*0.55*	
	4/7/2008		*12.79*	*12.69*	*0.10*	
	5/12/2008		*12.82*	*12.68*	*0.14*	
	6/4/2008		*12.90*	*12.70*	*0.20*	
	7/25/2008		*12.70*			
	8/21/2008		*12.75*	*Sheen*	*Sheen*	
	9/19/2008		*n/a*			
	10/22/2008		*n/a*	*Sheen*	*Sheen*	
	11/14/2008		*Sheen*			
	12/31/2008		*12.75*	*Sheen*	*Sheen*	
	1/29/2009		*13.02*	*Sheen*	*Sheen*	
	2/19/2009		*12.86*	*Sheen*	*Sheen*	
	3/26/2009		*12.55*	*Sheen*	*Sheen*	
MW-5	*8/10/2006*	*19.57*	*14.90*	*9.11*	*5.79*	
	11/20/2006		*10.30*	*9.17*	*1.13*	
	5/10/2007		*9.29*	*8.82*	*0.47*	
	6/18/2007		*12.25*	*9.27*	*2.98*	
	8/13/2007		*9.70*	*9.16*	*0.54*	
	9/24/2007		*11.79*	*9.70*	*2.09*	
	10/21/2007		*15.04*	*9.71*	*5.33*	
	11/23/2007		*15.51*	*9.81*	*5.70*	
	12/14/2007		*14.81*	*9.88*	*4.93*	
	1/11/2008		*9.64*	*9.61*	*0.03*	
	2/28/2008		*12.15*	*9.92*	*3.00*	
	3/24/2008		*14.35*	*11.74*	*2.61*	
	4/7/2008		*12.92*	*10.74*	*2.18*	
	5/12/2008		*14.10*	*9.38*	*4.72*	
	6/4/2008		*13.32*	*9.50*	*3.82*	
	7/25/2008		*14.10*	*9.38*	*4.72*	
	8/21/2008		*13.92*	*10.85*	*3.13*	
	9/19/2008		*13.89*	*11.02*	*2.87*	
	10/22/2008		*13.90*	*11.90*	*2.00*	
	11/14/2008		*12.79*	*11.79*	*1.00*	
	12/31/2008		*12.67*	*11.29*	*1.38*	
	1/29/2009		*12.81*	*11.09*	*1.72*	
	2/19/2009		*12.72*	*11.23*	*1.49*	
	3/262009		*12.51*	*11.16*	*1.35*	
MW-6	*8/10/2006*	*18.62*	*12.00*	*8.28*	*3.72*	
	11/20/2006		*8.85*	*8.23*	*0.62*	
	5/10/2007		*8.41*	*7.87*	*0.54*	
	6/18/2007		*9.34*	*9.07*	*0.27*	
	8/13/2007		*10.25*	*8.69*	*1.56*	
	9/24/2007		*9.82*	*9.45*	*0.37*	
	10/21/2007		*9.99*	*9.62*	*0.37*	
	11/23/2007		*9.76*	*9.06*	*0.70*	
	12/14/2007		*9.68*	*9.13*	*0.55*	
	1/11/2008		*8.91*	*8.85*	*0.06*	
	2/28/2008		*9.09*	*8.98*	*0.11*	
	3/24/2008		*8.76*	*8.02*	*0.74*	
	4/7/2008		*8.89*	*7.98*	*0.91*	
	5/12/2008		*9.32*	*8.65*	*0.67*	
	6/4/2008		*9.04*	*8.73*	*0.31*	
	7/25/2008		*9.04*			
	8/21/2008		*9.10*	*Sheen*	*Sheen*	
	9/19/2008		*10.05*	*10.04*	*0.01*	
	10/22/2008		*10.00*	*9.89*	*0.21*	
	11/14/2008		*10.05*			
	12/31/2008		*10.15*	*9.99*	*0.16*	
	1/29/2009		*9.99*	*9.59*	*0.40*	
	2/19/2009		*10.01*	*9.96*	*0.05*	
	3/26/2009		*10.08*	*10.01*	*0.07*	

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Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-7	8/10/2006	18.75	10.52	8.62	1.90	
	11/20/2006		8.80	8.52	0.28	
	5/10/2007		8.33	8.21	0.12	
	6/18/2007		9.12	8.66	0.46	
	8/13/2007		9.50	8.65	0.85	
	9/24/2007		9.71	9.10	0.61	
	10/21/2007		9.48	9.14	0.34	
	11/23/2007		9.79	9.13	0.66	
	12/14/2007		9.65	9.32	0.33	
	1/11/2008		9.10	9.08	0.02	
	2/28/2008		9.23	9.03	0.20	
	3/24/2008		8.96	8.84	0.12	
	4/7/2008		9.33	9.24	0.09	
	5/12/2008		9.15	8.79	0.36	
	6/4/2008		Did Not Monitor			
	7/25/2008		9.15	8.79	0.36	
	8/21/2008		9.20	8.80	0.40	
	9/19/2008		9.19	8.88	0.31	
	10/22/2008		n/s			
	11/14/2008		NS			
	12/31/2008		9.23	Sheen	Sheen	
	1/29/2009		9.18	Sheen	Sheen	
	2/19/2009		9.32	Sheen	Sheen	
	3/26/2009		9.48	Sheen	Sheen	

MW-8	8/10/2006	20.26	9.46	----	----	10.80
	11/20/2006		NA			
	5/10/2007		8.86			11.40
	6/18/2007		9.40			10.86
	8/13/2007		9.45			10.81
	9/24/2007		9.78			10.48
	10/21/2007		10.03			10.23
	11/23/2007		10.16			10.10
	12/14/2007		10.21			10.05
	1/11/2008		9.96			10.30
	2/28/2008		9.76			10.50
	3/24/2008		9.62			10.64
	4/7/2008		9.74			10.52
	5/12/2008		9.76			10.50
	6/4/2008		Did Not Monitor			----
	7/25/2008		10.07			10.19
	8/21/2008		10.20			10.06
	9/19/2008		10.19			10.07
	10/22/2008		10.30			9.96
	11/14/2008		10.24			10.02
	12/31/2008		9.71			10.55
	1/29/2009		Blocked			----
	2/19/2009		10.31			9.95
	3/26/2009		10.23			10.03

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Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-9	8/10/2006	20.62	10.22	7.88	2.34	
	11/20/2006		LNAPL			
	6/18/2007		too thick			
	8/13/2007		too thick			
	9/24/2007		unknown	8.79		
	10/21/2007		too thick			
	11/23/2007		9.33	9.29	0.04	
	12/14/2007		too thick			
	1/11/2008		9.21	9.18	0.03	
	2/28/2008		9.32	9.02	0.30	
	3/24/2008		too thick			
	4/7/2008		too thick			
	5/12/2008		9.15	8.90	0.25	
	6/4/2008		Did Not Monitor			
	7/25/2008		9.85	8.90	0.95	
	8/21/2008		9.91	9.87	0.04	
	9/19/2008		9.89	9.88	0.01	
	10/22/2008		9.90	Sheen	Sheen	
	11/14/2008		9.90	Sheen	Sheen	
	12/31/2008		9.92	Sheen	Sheen	
	1/29/2009		10.01	Sheen	Sheen	
	2/19/2009		9.85	Sheen	Sheen	
	3/26/2009		8.98	Sheen	Sheen	
MW-10	8/1/2006	21.04	8.22	----	----	12.82
	5/10/2007		7.97			13.07
	6/18/2007		8.25			12.79
	9/24/2007		8.69			12.79
	10/21/2007		8.64			12.40
	11/23/2007		8.88			12.16
	12/14/2007		8.96			12.08
	1/11/2008		8.63			12.41
	2/28/2008		8.42			12.62
	3/24/2008		8.37			12.67
	4/7/2008		8.45			12.59
	5/12/2008		8.41			12.63
	6/4/2008		Did Not Monitor			----
	7/25/2008		8.79			12.25
	8/21/2008		9.19			11.85
	9/19/2008		8.66			12.38
	10/22/2008		8.93			12.11
	11/14/2008		8.75			12.29
	12/31/2008		8.24			12.80
	1/29/2009		ice			----
	2/19/2009		8.88			12.16
	3/26/2009		8.80			12.24
MW-11	9/19/2006	17.01	7.07	----	----	9.94
	11/20/2006					
	5/10/2007		DESTROYED			
MW-12	9/19/2006	16.99	7.10	----	----	9.89
	11/20/2006					----
	5/10/2007		6.89			10.10
	8/13/2007		6.57			10.42
	9/24/2007		7.74			9.25
	10/21/2007		7.61			9.38
	11/23/2007		7.64			9.35
	12/14/2007		7.21			9.78
	1/11/2008		7.37			9.62
	2/28/2008		7.47			9.52
	3/24/2008		7.38			9.61
	4/7/2008		7.40			9.59
	5/12/2008		7.13			9.86
	6/4/2008		7.36			9.63
	7/25/2008		7.82			9.17
	8/21/2008		7.94			9.05
	9/19/2008		7.57			9.42
	10/22/2008		7.90			9.09
	11/14/2008		7.57			9.42
	12/31/2008		7.24			9.75
	1/29/2009		ice			----
	2./19/2009		7.17			9.82
	3/26/2009		8.03			8.96

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Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-13	9/19/2006	17.20	7.16	----	----	10.04
	11/20/2006					----
	5/10/2007		6.87			10.33
	8/13/2007		6.51			10.69
	9/24/2007		7.89			9.31
	10/21/2007		7.72			9.48
	11/23/2007		7.77			9.43
	12/14/2007		7.33			9.87
	1/11/2008		7.52			9.68
	2/28/2008		7.40			9.80
	3/24/2008		7.27			9.93
	4/7/2008		7.35			9.85
	5/12/2008		7.09			10.11
	6/4/2008		7.50			9.70
	7/25/2008		8.01			9.19
	8/21/2008		8.00			9.20
	9/19/2008		7.67			9.53
	10/22/2008		7.99			9.30
	11/14/2008		7.69			9.51
	12/31/2008		7.08			10.12
	1/29/2009		ice			----
	2/19/2009		7.77			9.43
	3/26/2009		8.05			9.15
MW-14	9/19/2006	18.23	8.11	----	----	10.12
	5/10/2007		7.60			10.63
	8/13/2007		8.23			10.00
	9/24/2007		8.52			9.71
	10/21/2007		8.61			9.62
	11/23/2007		8.71			9.52
	12/14/2007		NA			----
	1/11/2008		8.53			9.70
	2/28/2008		8.32			9.91
	3/24/2008		8.15			10.08
	4/7/2008		8.30			9.93
	5/12/2008		8.20			10.03
	6/4/2008		8.35			9.88
	7/25/2008		8.65			9.58
	8/21/2008		9.20			9.03
	9/19/2008		8.72			9.51
	10/22/2008		8.85			9.38
	11/14/2008		8.71			9.52
	12/31/2008		8.23			10.00
	1/29/2009		8.90			9.33
	2/19/2009		8.54			9.69
	3/26/2009		8.82			9.41
MW-15	5/10/2007	NA	10.83	9.35	1.48	----
	5/23/2007		9.72	9.70	0.02	----
	6/18/2007		10.02	9.93	0.09	----
	8/13/2007		9.70	9.16	0.54	----
	9/24/2007		10.73	10.32	0.41	----
	10/21/2007		11.37	10.44	0.07	----
	11/23/2007		NA			----
	12/14/2007		11.15	10.63	0.52	----
	1/11/2008		10.39	10.37	0.02	----
	2/28/2008		10.36	10.18	0.18	----
	3/24/2008		10.19	10.05	0.14	----
	4/7/2008		10.94	10.17	0.77	----
	5/12/2008		10.45	10.13	0.32	----
	6/4/2008		Did Not Monitor			
	7/25/2008		10.45	10.13	0.32	----
	8/21/2008		10.47	10.41	0.06	----
	9/19/2008		10.46	10.42	0.04	----
	10/22/2008		10.55	10.51	0.04	----
	11/14/2008		10.54	10.18	0.36	----
	12/31/2008		10.60	Sheen	Sheen	----
	1/29/2009		10.88	Sheen	Sheen	----
	2/19/2009		9.97	Sheen	Sheen	----
	3/26/2009		10.12	Sheen	Sheen	----
MW-16	5/10/2007	NA	11.07	9.98	1.09	----
	5/23/2007		10.54	10.31	0.23	----
	6/18/2007		11.27	10.59	0.68	----
	8/13/2007		11.81	10.46	1.35	----
	9/24/2007		11.03	11.09	0.06	----
	10/21/2007		11.16	11.14	0.02	----
	11/23/2007		NA			----
	12/14/2007		11.35	11.32	0.03	----
	1/11/2008		11.06	11.05	0.01	----
	2/28/2008		11.00	10.85	0.15	----
	3/24/2008		10.91	10.71	0.20	----
	4/7/2008		10.96	10.17	0.79	----
	5/12/2008		10.85	10.32	0.53	----
	6/4/2008		Did Not Monitor			----
	7/25/2008		10.85	10.32	0.53	----
	8/21/2008		10.91	10.87	0.04	----
	9/19/2008		10.87	10.85	0.02	----
	10/22/2008		10.85	Sheen	Sheen	----
	11/14/2008		11.01	Sheen	Sheen	----
	12/31/2008		10.95	Sheen	Sheen	----
	1/29/2009		11.02	Sheen	Sheen	----
	2/19/2009		10.84	Sheen	Sheen	----
	3/26/2009		10.91	Sheen	Sheen	----

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Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
RW-1	11/20/2006	NA	8.38			----
	4/25/2007		7.57			----
	5/10/2007		8.04			----
	6/18/2007		8.57			----
	9/24/2007		9.10			----
	10/21/2007		9.17			----
	11/23/2007		9.31			----
	12/14/2007		9.22			----
	1/11/2008		13.06			----
	2/28/2008		8.83			----
	3/24/2008		8.73			----
	4/7/2008		8.84			----
	5/12/2008		8.74			----
	6/4/2008		8.85			----
	7/25/2008		9.16			----
	8/21/2008		9.23			----
	9/19/2008		n/a			----
	10/22/2008		9.33			----
	11/14/2008		Did not monitor			----
	12/31/2008		8.70			----
	1/29/2009		8.55			----
	2/19/2009		8.64			----
	3/26/2009		9.35			----
RW-2	4/25/2007	NA	12.46	12.45	0.01	----
	5/10/2007		12.91	12.71	0.20	----
	10/21/2007		14.09	13.85	0.24	----
	11/23/2007		15.81	14.51	1.30	----
	12/14/2007		15.22	13.85	1.37	----
	1/11/2008		13.64	13.31	0.33	----
	2/28/2008		13.44	13.26	0.18	----
	3/24/2008		13.52	13.16	0.36	----
	4/7/2008		13.25	13.01	0.24	----
	5/12/2008		13.60	13.36	0.24	----
	6/4/2008		Did Not Monitor			----
	7/25/2008		13.60	13.36	0.24	----
	8/21/2008		13.65	13.28	0.37	----
	9/19/2008		13.59	13.21	0.38	----
	10/22/2008		NS			----
	11/14/2008		13.68	12.00	1.68	----
	12/31/2008		13.47	13.00	0.47	----
	1/29/2009		13.06	12.50	0.44	----
	2/19/2009		12.89	12.55	0.34	----
	3/26/2009		13.02	12.85	0.27	----
RW-3	4/25/2007	NA	13.84	13.60	0.24	----
	5/10/2007		14.17	14.00	0.17	----
	6/18/2007		15.40	14.53	0.87	----
	9/24/2007		15.63	14.96	0.67	----
	10/21/2007		15.73	15.12	0.51	----
	11/23/2007		16.51	15.15	1.36	----
	12/14/2007		15.55	13.33	2.22	----
	1/11/2008		14.94	14.71	0.23	----
	2/28/2008		14.99	14.39	0.60	----
	3/24/2008		15.30	14.70	0.60	----
	4/7/2008		14.96	14.40	0.56	----
	5/12/2008		15.23	14.75	0.48	----
	6/4/2008		Did Not Monitor			----
	7/25/2008		15.23	14.75	0.48	----
	8/21/2008		15.31	15.01	0.30	----
	9/19/2008		15.28	15.11	0.17	----
	10/22/2008		15.18	15.00	0.18	----
	11/14/2008		15.33	14.43	0.90	----
	12/31/2008		15.40	13.99	1.41	----
	1/29/2009		15.15	14.87	0.28	----
	2/19/2009		14.96	14.71	0.25	----
	3/26/2009		15.05	14.82	0.23	----
RW-4	11/20/2006	NA	16.47	14.49	1.98	----
	4/25/2007		14.15	13.75	0.40	----
	5/10/2007		14.44	14.10	0.34	----
	6/18/2007		14.85	14.62	0.23	----
	9/24/2007		16.87	15.29	1.58	----
	10/21/207		15.74	15.45	0.29	----
	11/23/2007		15.88	15.42	0.46	----
	12/14/2007		15.84	15.48	0.36	----
	1/11/2008		15.19	15.04	0.15	----
	2/28/2008		15.06	14.84	0.22	----
	3/24/2008		15.14	14.85	0.29	----
	4/7/2008		15.10	14.92	0.18	----
	5/12/2008		15.22	14.83	0.39	----
	6/4/2008		Did Not Monitor			----
	7/25/2008		15.22	14.38	0.84	----
	8/21/2008		15.23	15.20	0.03	----
	9/19/2008		15.21			----
	10/22/2008		15.19	15.14	0.05	----
	11/14/2008		15.30	15.00	0.30	----
	12/31/2008		14.99	14.50	0.49	----
	1/29/2009		15.43	15.06	0.37	----
	2/19/2009		15.05	14.92	0.13	----
	3/26/2009		15.27	14.89	0.32	----

Table-1
49 Dupont Street
Brooklyn, New York

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
RW-5	11/20/2006	NA	13.64	13.53	0.11	----
	4/25/2007		12.75	12.60	0.15	----
	5/10/2007		13.10	13.02	0.08	----
	6/18/2007		13.60	13.55	0.05	----
	9/24/2007		14.24	13.94	0.30	----
	10/21/2007		14.23	14.11	0.12	----
	11/23/2007		14.23	14.13	0.10	----
	12/14/2007		14.75	14.26	0.49	----
	1/11/2008		13.94	13.81	0.13	----
	2/28/2008		14.01	14.00	0.01	----
	3/24/2008		14.35	14.12	0.23	----
	4/7/2008		14.21	14.20	0.01	----
	5/12/2008		13.58	13.56	0.02	----
	6/4/2008		13.32	9.50	3.82	----
	7/25/2008		13.32	9.50	3.82	----
	8/21/2008		13.34	11.25	2.09	----
	9/19/2008		13.31	11.15	2.16	----
	10/22/2008		13.21	13.02	0.19	----
	11/14/2008		13.35	Sheen	Sheen	----
	12/31/2008		13.28	Sheen	Sheen	----
	1/29/2009		14.87	Sheen	Sheen	----
	2.19.2009		13.53	Sheen	Sheen	----
	3/26/2009		13.66	Sheen	Sheen	----

RW-6	4/25/2007	NA	10.69			----
	5/10/2007		11.08			----
	6/18/2007		11.58			----
	9/24/2007		12.77	11.94	0.83	----
	10/21/2007		12.92	12.11	0.81	----
	11/23/2007		12.85	12.14	0.71	----
	12/14/2007		12.78	12.21	0.57	----
	1/11/2008		11.96	11.71	0.25	----
	2/28/2008		12.14	11.55	0.59	----
	3/24/2008		12.02	11.98	0.04	----
	4/7/2008		12.11	12.01	0.10	----
	5/12/2008		11.77	11.74	0.03	----
	6/4/2008		11.86	SHEEN	Sheen	----
	7/25/2008		12.17	SHEEN	Sheen	----
	8/21/2008		12.01	Sheen	Sheen	----
	9/19/2008		12.12			----
	10/22/2008		12.01	Sheen	Sheen	----
	11/14/2008		12.19	12.02	0.17	----
	12/31/2008		12.23	Sheen	Sheen	----
	1/29/2009		12.45	SHEEN	Sheen	----
	2/19/2009		12,87	SHEEN	Sheen	----
	3/26/2009		12.62	SHEEN	Sheen	----

RW-7	11/20/2006	NA	LNAPL			----
	9/24/2007		unknown	9.05		----
	10/21/2007		9.51	too thick		----
	11/23/2007		9.83	9.77	0.06	----
	12/14/2007		9.80	too thick		----
	1/11/2008		9.26	9.22	0.04	----
	2/28/2008		9.35	9.27	0.08	----
	3/24/2008		too thick			----
	4/7/2008		9.22	9.06	0.16	----
	5/12/2008		too thick			----
	6/4/2008		too thick			----
	7/25/2008		9.22	9.06	0.16	----
	8/21/2008		9.28	9.18	0.10	----
	9/19/2008		9.26	9.19	0.07	----
	10/22/2008		9.20	Sheen	Sheen	----
	11/14/2008		9.34	9.27	0.07	----
	12/31/2008		9.50	Sheen	Sheen	----
	1/29/2009		9.46	Sheen	Sheen	----
	2/19/2009		9.72	9.67	0.05	----
	3/26/2009		9.65	9.55	0.10	----

Table-1
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Brooklyn, New York

Well Number	Date	Well Elevation (ft)	Depth to Groundwater (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
RW-8	*4/25/2007*	*NA*	*12.60*	*12.35*	*0.25*	----
	5/10/2007		*13.11*	*12.78*	*0.33*	----
	6/18/2007		*14.36*	*13.25*	*1.11*	----
	8/13/2007					----
	9/24/2007		*15.95*	*13.65*	*2.30*	----
	10/21/207		*NS*			----
	11/23/2007		*14.45*	*13.98*	*0.47*	----
	12/14/2007		*14.78*	*13.95*	*0.83*	----
	1/11/2008		*13.69*	*13.44*	*0.25*	----
	2/28/2008		*15.22*	*13.87*	*1.35*	----
	3/24/2008		*14.97*	*13.86*	*1.11*	----
	4/7/2008		*15.01*	*13.56*	*1.45*	----
	5/12/2008		*14.28*	*13.45*	*0.83*	----
	6/4/2008		*Did Not Monitor*			----
	7/25/2008		*14.28*	*13.45*	*0.83*	----
	8/21/2008		*14.30*	*13.85*	*0.45*	----
	9/19/2008		*14.30*	*13.99*	*0.31*	----
	10/22/2008		*14.28*	*13.18*	*1.10*	----
	11/14/2008		*14.33*	*12.89*	*1.44*	----
	12/31/2008		*14.23*	*13.98*	*0.25*	----
	1/29/2009		*15.12*	*13.77*	*1.45*	----
	2/19/2009		*14.76*	*13.09*	*1.67*	----
	3/26/2009		*14.43*	*13.21*	*1.22*	----
RW-9	*4/25/2007*	*NA*	*12.10*	*11.95*	*0.15*	----
	5/10/2007		*12.59*	*12.36*	*0.23*	----
	6/18/2007		*13.60*	*12.83*	*0.77*	----
	8/13/2007					----
	9/24/2007		*14.80*	*13.30*	*1.50*	----
	10/21/2007		*NS*			----
	11/23/2007		*13.97*	*13.23*	*0.74*	----
	12/14/2007		*14.15*	*13.59*	*0.56*	----
	1/11/2008		*13.31*	*13.19*	*0.12*	----
	2/28/2008		*13.26*	*12.78*	*0.48*	----
	3/24/2008		*13.31*	*12.58*	*0.73*	----
	4/7/2008		*13.41*	*12.42*	*0.99*	----
	5/12/2008		*13.44*	*13.03*	*0.41*	----
	6/4/2008		*Did Not Monitor*			----
	7/25/2008		*13.44*	*13.03*	*0.41*	----
	8/21/2008		*13.50*	*13.25*	*0.25*	----
	9/19/2008		*13.48*	*13.28*	*0.20*	----
	10/22/2008		*13.37*	*13.02*	*0.35*	----
	11/14/2008		*13.55*	*12.91*	*0.64*	----
	12/31/2008		*13.65*	*13.27*	*0.38*	----
	1/29/2009		*14.02*	*13.89*	*0.13*	----
	2/19/2009		*13.41*	*13.01*	*0.40*	----
	3/26/2009		*13.04*	*12.82*	*0.22*	----
RW-10	*4/25/2007*	*NA*	*11.76*	*11.64*	*0.12*	----
	5/10/2007		*12.13*	*12.05*	*0.08*	----
	8/13/2007		*pump*			----
	9/24/2007		*pump*			----
	10/21/2007		*pump*			----
	11/23/2007		*13.89*	*13.18*	*0.71*	----
	12/14/2007		*13.72*	*13.31*	*0.41*	----
	1/11/2008		*13.28*	*13.14*	*0.14*	----
	2/28/2008		*13.43*	*13.39*	*0.04*	----
	3/24/2008		*13.26*	*13.19*	*0.07*	----
	4/7/2008		*13.33*	*13.21*	*0.12*	----
	5/12/2008		*13.40*	*13.33*	*0.07*	----
	6/4/2008		*Did Not Monitor*			----
	7/25/2008		*13.40*	*13.33*	*0.07*	----
	8/21/2008		*13.46*	*12.85*	*0.61*	----
	9/19/2008		*13.43*	*12.78*	*0.65*	----
	10/22/2008		*13.50*	*12.95*	*0.65*	----
	11/14/2008		*13.54*	*12.99*	*0.55*	----
	12/31/2008		*13.43*	*13.10*	*0.33*	----
	1/29/2009		*13.87*	*13.11*	*0.76*	----
	2/19/2009		*13.67*	*13.23*	*0.44*	----
	3/26/2009		*13.60*	*13.05*	*0.50*	----

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Brooklyn, New York

Well Number	Sampling Date	Benzene	Toluene	Ethylbenzene	Total Xylene	MtBE	Bis(2-ethylhexyl)phthalate	Di-n-octylphthalate
MW-1	7/24/2006	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	7/18/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	10/24/07	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	1/11/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	4/7/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	8/21/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	11/26/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	3/26/2009	<MDL	<MDL	<MDL	<MDL	<MDL	7	<MDL
MW-2	7/24/2006	<MDL	<MDL	<MDL	<MDL	<MDL	60	<MDL
	7/18/2007	<MDL	<MDL	<MDL	<MDL	<MDL	77	<MDL
	10/24/2007	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	1/11/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	4/7/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	8/21/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	11/26/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	3/26/2009	<MDL	<MDL	<MDL	<MDL	<MDL	16	<MDL
MW-3	7/24/2006	<MDL	<MDL	<MDL	<MDL	<MDL	31	<MDL
	7/18/2007	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	10/24/2007	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	1/11/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	4/7/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	8/21/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	11/26/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	3/26/2009	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
MW-4	7/24/2006	<MDL	<MDL	<MDL	<MDL	<MDL	120,000 P	160,000 P
	7/18/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	10/24/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	1/11/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	4/7/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	3/26/2009	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
MW-5	7/24/2006	<MDL	<MDL	<MDL	<MDL	<MDL	780,000 P	90,000 P
	7/18/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	10/24/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	1/11/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	4/7/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	3/26/2009	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
MW-6	7/24/2006	<MDL	<MDL	<MDL	<MDL	<MDL	1,300,000 P	<MDL
	7/18/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	10/24/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	1/11/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	4/7/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	3/26/2009	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
MW-7	7/24/2006	<MDL	<MDL	<MDL	<MDL	<MDL	370,000 P	<MDL
	7/18/2007	NT	NT	NT	NT	NT	4,600 P	<MDL
	10/24/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	1/11/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	4/7/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	3/26/2009	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL

<MDL = Parameter below method detection limit
NA = Well not Accessible
NT = Not Tested
P = These wells developed free product shortly after sampling and are no longer sampled for dissolved constituents

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Brooklyn, New York

Well Number	Sampling Date	Benzene	Toluene	Ethylbenzene	Total Xylene	MtBE	Bis(2-ethylhexyl)phthalate	Di-n-octylphthalate
MW-8	7/24/2006	<MDL	<MDL	<MDL	<MDL	<MDL	89	<MDL
	7/18/2007	NT	NT	NT	NT	NT	230	<MDL
	10/24/2007	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	1/11/2008	<MDL	<MDL	<MDL	<MDL	<MDL	22	<MDL
	4/7/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	8/21/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	11/26/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	3/26/2009	<MDL	<MDL	<MDL	<MDL	<MDL	7	<MDL
MW-9	7/24/2006	<MDL	<MDL	11	11	<MDL	<MDL	<MDL
	7/18/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	10/24/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	1/11/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	4/7/2008	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	3/26/2009	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
MW-10	7/24/2006	<MDL	<MDL	<MDL	<MDL	<MDL	6	<MDL
	7/18/2007	NT	NT	NT	NT	NT	57	<MDL
	10/24/07	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	1/11/2008	<MDL	<MDL	<MDL	<MDL	<MDL	99	<MDL
	4/7/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	8/21/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	11/26/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	3/26/2009	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
MW-11	9/18/2006	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED	DESTROYED
MW-12	9/18/2006	<MDL	<MDL	<MDL	<MDL	<MDL	17	<MDL
	7/18/2007	NT	NT	NT	NT	NT	ND	<MDL
	10/24/2007	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	1/11/2008	<MDL	<MDL	<MDL	<MDL	<MDL	14	<MDL
	4/7/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	8/21/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	11/26/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	3/26/2009	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
MW-13	9/18/2006	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	7/18/2007	NT	NT	NT	NT	NT	<MDL	<MDL
	10/24/2007	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	1/11/2008	<MDL	<MDL	<MDL	<MDL	<MDL	170	<MDL
	4/7/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	8/21/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	11/26/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	3/26/2009	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL

<MDL = Parameter below method detection limit
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49 Dupont Street
Brooklyn, New York

Well Number	Sampling Date	Benzene	Toluene	Ethylbenzene	Total Xylene	MtBE	Bis(2-ethylhexyl)phthalate	Di-n-octylphthalate
MW-14	9/18/2006	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	7/18/2007	NT	NT	NT	NT	NT	<MDL	<MDL
	10/24/2007	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	1/11/2008	<MDL	<MDL	<MDL	<MDL	<MDL	86	<MDL
	4/7/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	8/21/2008							
	11/26/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	3/26/2009	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
MW-15	12/7/2006	<MDL	<MDL	<MDL	<MDL	<MDL	6,400	<MDL
	7/18/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	10/24/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	3/26/2009	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
MW-16	12/7/2006	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	990
	7/18/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	10/24/2007	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
	3/26/2009	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL
RW-1	7/18/2007	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	4/7/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	11/26/2008	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	3/26/2009	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
RW-6	7/18/2007	<MDL	<MDL	<MDL	<MDL	<MDL	40	<MDL
	3/26/2009	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL	LNAPL

<MDL = Parameter below method detection limit
NA = Well not Accessible
NT = Not Tested
P = These wells developed free product shortly after sampling and are no longer sampled for dissolved constituents

Table-3

49 Dupont Street
Brooklyn, New York

Well Number	RW-2	RW-3	RW-4	RW-5	RW-7	RW-8	RW-9	RW-10	RW-11	RW-12	MW-4	MW-5	MW-6	MW-7	MW-9	MW-15	MW-16	TOTAL
Nov-06	100	60	0	0	0	0	0	0			27	1	0	0	0	0	0	188
Dec-06	92	67	0	0	0	5	6	168			1	0	0	0	0	0	0	339
Jan-07	80	93	0	0	0	25	13	144			1	5	5	0	0	0	0	366
Feb-07	98	87	0	0	0	16	20	158			0	0	0	0	0	0	0	379
Mar-07	79	95	0	0	0	14	16	167			0	0	0	0	0	0	0	371
Apr-07	76	92	27	0	0	42	15	165			6	27	26	0	0	0	0	476
May-07	72	96	32	0	0	46	17	175			7	28	26	0	0	4	0	503
Jun-07	75	90	2	0	0	39	21	166			1	25	26	0	0	1	0	446
Jul-07	67	82	3	0	0	38	23	154			1	28	29	0	0	1	0	426
Aug-07	47	89	0	0	0	38	22	166			0	16	17	0	0	8	8	411
Sep-07	15	43	0	0	0	36	19	146			0	22	9	0	0	4	4	298
Oct-07	27	87	0	9	2	27	14	120			0	20	14	1	0	3	0	324
Nov-07	23	52	0	10	4	22	26	110			0	22	8	1	2	1	1	282
Dec-07	20	35	0	8	2	25	15	108			0	18	2	0	1	1	0	235
Jan-08	37	12	0	16	13	24	40	148			0	14	21	24	0	6	1	356
Feb-08	28	11	0	14	15	21	16	99			0	12	23	12	0	0	0	251
Mar-08	24	12	0	9	8	22	15	142			0	18	22	16	0	0	0	288
Apr-08	29	12	0	8	9	25	17	151			0	28	16	13	0	0	0	308
May-08	34	11	4	0	1	28	9	106			0	18	28	0	0	0	0	239
Jun-08	25	10	5	1	2	37	10	120			0	20	25	0	10	0	0	265
Jul-08	35	12	2	2	3	32	11	125			0	21	30	0	0	0	0	273
Aug-08	28	13	2	2	2	35	17	110			0	21	28	0	6	2	1	267
Sep-08	32	11	3	5	0	23	20	140			0	20	22	22	5	8	1	312
Oct-08	22	16	2	4	1	26	19	120			0	19	30	6	4	4	1	274
Nov-08	22	10	1	4	1	28	12	140			0	20	18	12	4	2	1	275
Dec-08	30	2.5	2.5	3	0	18	14	89			0	20	15	6	3	1	0	204
Jan-09	23	2	2	4	1	21	12	102			1	15	16	3	3	1	1	207
Feb-09	21	5	3	2	1	19	18	105			0	14	18	2	2	1	1	212
Mar-09	22	6	2	2	1	20	16	110			0	19	18	2	2	1	1	222
Apr-09																		
May-09																		
Total =	**1283**	**1213.5**	**92.5**	**103**	**66**	**752**	**473**	**3754**			**45**	**491**	**492**	**120**	**42**	**49**	**21**	**8997**

INTERIM INVESTIGATION REPORT

For The Property Located At

44-55 Dupont Street
Borough of Brooklyn, New York

April 2010

ESI File: SB09110.50

Ecosystems Strategies, Inc.
24 Davis Avenue, Poughkeepsie, NY 12603
phone 845.452.1658 | fax 845.485.7083 | ecosystemsstrategies.com

Ecosystems Strategies, Inc.

INTERIM INVESTIGATION REPORT

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ESI File: SB09110.50

April 2010

Prepared By:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, New York 12603

Prepared For:

49 Dupont Realty Corporation
P.O. Box 786
Deer Park, NY 11729

The undersigned has reviewed this Interim Investigation Report and certifies to 49 Dupont Realty Corporation that the information provided in this document is accurate as of the date of issuance by this office.

Any and all questions or comments, including requests for additional information, should be submitted to the undersigned.

Paul H. Ciminello
President

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1.0 INTRODUCTION

1.1 Purpose

This Interim Investigation Report (Report) summarizes all interim investigative services performed by Ecosystems Strategies, Inc. [ESI] personnel at, 49-55 Dupont Street (hereafter referred to as the subject property), Borough of Brooklyn, New York (see Section 1.2, below).

The purpose of this investigation was 1) to provide current (2010) groundwater quality data, to document the presence or absence of product in on-site and off-site wells, and to measure the thickness of all product present; 2) to identify the presence or absence of meaningful concentrations of phthalates in product known to be present in the northeastern corner of the property and currently presumed to be free-product petroleum (possibly Fuel Oil #6); 3) to calculate the current elevation of groundwater throughout all portions of the property, to confirm the direction of flow, and to determine if any of the monitoring wells are tidally influenced; and 4) to provide this information to the NYSDEC so that the NYSDEC can determine if one or more lots of the property present a "significant threat", as defined by 6 NYCRR Part 375, such that inclusion in the Inactive Hazardous Waste Disposal Site Registry would be warranted, and, if so, what lots are to be included within the boundaries of said site.

1.2 Subject Property Location and Description

The subject property is a 2.81-acre, rectangular-shaped parcel located between Clay and Dupont Streets at the intersection with Commercial Street and Franklin Avenue. The property consists of New York City Block 2487, Tax Lots 1, 10, 12, 17, 18, 20, 21, 57, 72, and 78. Contamination of soils and groundwater by phthalates, compounds which were known to be stored on Lots 1, 10, and 78 and were utilized on-site to produce various plastic and vinyl products (see Section 1.4, below), have been detected on the western portion of the property (specifically on Lots 1 and 10; see Section 1.5, below). Petroleum contamination has been identified in the northeastern portion of the property (specifically on Lot 20).

The property is bordered by commercial/industrial facilities to the north, multi-family residential structures to the east and south, and a park to the west. The property is currently vacant. A Site Location Map is provided as Figure 1 and a Tax Lot Map is provided as Figure 2 in Appendix A.

1.3 Limitations

This written analysis summarizes investigative activities conducted on a specified portion of the property located at 49-55 Dupont Street, Borough of Brooklyn, New York and is not relevant to other portions of this property or any other property. This Report presents subject property conditions as of the respective dates of investigative activities, and cannot be held accountable for activities or events resulting in contamination after the dates of fieldwork.

Services summarized in this Report were performed in accordance with generally accepted practices and established NYSDEC protocols. Unless specifically noted, the findings and conclusions contained herein must be considered not as scientific certainties, but as probabilities based on professional judgement.

1.4 Property History and Site History

Information regarding the property's history was obtained during the completion of a Phase I Environmental Site Assessment for the property (see below). The property had several commercial/industrial uses prior to 1950 including: an ironworks, stables, a gas and light fixture factory, a sheet metal works, a soap manufacturer, a water proofing manufacturer, and a scrap

metal facility. After 1950, the property was primarily used for the production, storage, and shipping of plastic and vinyl products.

The property is currently comprised of ten (10) separate tax lots, each with a separate structure located on it. See Figure 2. The referenced figure clearly shows different buildings, which over time, have become interconnected to improve industrial efficiency. However, each structure was built at a different time and continues to have separate utility connections as well as separate foundation walls (including footings). Within this larger complex of buildings, (now interior) walls have painted windows and bricked up doorways that had, at one time, led to the outside.

The documents ESI has reviewed indicate that chemical storage and handling was restricted to the westernmost buildings on the property (tax Lots #1, #10 and #78) with the remaining buildings used for storage of finished products and facility maintenance. The facility's boilers are located in the northeastern portion of the property, on tax Lot #20; this lot is the location of the known petroleum release (NYSDEC Spill # 0601852).

1.5 Previous Environmental Activities

A Preliminary Phase I Site Assessment and a Phase I Environmental Site Assessment were completed for the property by RTP Environmental Associates Inc. and FPM Group, respectively. These reports identified the presence of underground storage tanks (USTs), asbestos, an oil and water separator, sub-grade pipe trenches, a loading dock drain, drum storage area, printing press pits, silos, a freight elevator, oil stained walls, and possible contamination due to previous on-site activities, as environmental concerns for the property.

NYSDEC spill number 0601852 was assigned to the property on May 19, 2006. The record does not specify the reason for the opening of the spill or the reporting party.

All on-site USTs were closed and on-site trenches were addressed as documented in Advanced Site Restoration LLC (ASR) Underground Tank Closure Report, dated July 2006. Prior to closure, all USTs were opened and inspected; any remaining product was removed for off-site disposal; and the tanks were cleaned and filled with foam. According to ASR, no visual signs of leaking or damaged tanks were observed during this process. In addition, any remaining materials were removed from the bottom of on-site trenches and containerized for off-site disposal; any remaining staining was removed using a surfactant.

At the same time, ASR advanced 41 soil borings throughout the property and collected soil samples (see Figure 3, Appendix A); most samples were collected from the groundwater interface. Elevated concentrations of phthalates, specifically bis(2-ethylhexyl) phthalate and di-n-octyl phthalate, were detected at seven of the borings located on the western portion of the property (primarily in Lots 1 and 10, although slightly elevated concentrations of phthalates were detected in Lot 72 at SB-57). In addition, elevated concentrations of volatile organic compounds (VOCs) were detected at SB-14, located near the former fuel oil USTs located on Lot 20 (northeast corner of property).

Groundwater monitoring wells and product recovery wells were installed by ASR as documented in a Phase II Site Assessment report, dated March 2007. A total of sixteen groundwater monitoring wells were installed; four inside of the building, eight on the sidewalk surrounding the building, and four off-site (across Commercial Street and Franklin Avenue). The presence of free product detected in several of the on-site wells initiated the installation of ten product recovery wells (RW-1 through RW-12); nine on the western portion of the property (on Lots 1 and 10) and one near the former fuel oil UST (on Lot 20). Removal of the free product from the recovery wells was instituted in November 2006.

Product removal activities have been documented in a Monthly Monitoring Report, dated December 27, 2007 and several Quarterly Sampling Reports prepared by ASR. Free product

continues to be present in on-site wells and product recovery activities are on-going at the property.

An inspection of the property was conducted on December 23, 2009 by personnel from ESI, the NYSDEC, and 49 Dupont Realty Corporation. The inspection included a walkthrough of the on-site buildings focusing on the former on-site processing activities and the location of former USTs. It was noted at that time that twelve recovery wells existed on-site; it is assumed that RW-11 and RW-12 were installed subsequent to the Phase II Site Assessment Report. In addition, two monitoring wells (MW-4 and MW-6) were tested for the presence of free product using an interface probe. Free product was detected at both of these wells with 3 inches of product detected at MW-4 and 3.89 feet of product detected at MW-6.

Additional investigative activities to further characterize on-site conditions, as described in Section 1.1, above, are documented in Section 2.0, below.

2.0 SUMMARY OF FIELDWORK

2.1 Overview of Services

Fieldwork documented in this Report was performed in accordance with the NYSDEC approved Interim Investigation Work Plan (Work Plan), dated December 2009, and the subsequent addendum to the Work Plan, dated January 20, 2010 which also formally approved the Work Plan.

This Report documents the following fieldwork activities:

- Completion of a tidal influence study (Section 2.2.1, below);
- Measurement of free product levels in all monitoring and recovery wells, if present (Section 2.2.2, below);
- Determination of the direction of groundwater flow (Section 2.2.3, below);
- Collection and Analysis of water quality samples from monitoring wells without measurable free product (Section 2.2.4, below); and,
- Collection and analysis of a free product sample from recovery well RW-7, as described in the Work Plan and addendum. In addition, a product sample was collected from MW-4 and RW-12 in order to identify the components of each product, if possible (Section 2.2.5, below).

Section 2.2 documents fieldwork activities (including the tidal influence investigation, measurement of free product, and collection of soil and groundwater samples) and Section 2.3 presents the findings of laboratory analysis of collected samples. Section 3.0 provides conclusions and recommendations for further actions based on these investigative activities.

2.2 Fieldwork Activities

2.2.1 Tidal Influence Assessment

In order to complete the tidal assessment, ESI installed level loggers in three on-site monitoring wells (MW-1, MW-2, and MW-3) and three off-site monitoring wells (MW-12, MW-13, and MW-14) on Friday February 12, 2010. These wells were chosen based on lack of free product detected during past monitoring conducted by ASR; however, free product was detected in MW-1 during subsequent free product measurement (see Section 2.2.2, below). The level loggers were recovered on Monday February 15, 2010, providing data for approximately 72 hours.

Although the water rises and falls in all of the wells over the 72 hour testing period, a repeating pattern of the water rising and falling over approximately 12 hours cycles is evident in MW-12 and MW-13 indicating tidal influence (see the water level graphs for each well located in Appendix B). MW-12 and MW-13 are located to the northwest of the subject property, closest to the confluence of Newtown Creek and the East River.

Alternatively, the next closest well (MW-14); located to south of MW-12 and MW-13, does not have a repeating pattern of rising and falling water levels indicating that this well is not tidally influenced. In addition, the water level measurements from MW-1, MW-2, and MW-3, located on-site to the east of MW-14, do not indicate tidal influence. Based on this data, it is likely that on-site wells would be minimally influenced by the tide, if at all.

2.2.2 Measurement of Free Product and Depth to Groundwater

All existing groundwater and recovery wells were investigated for the presence of free product. The protective cap on the well was opened (as applicable) and the presence or absence and depth (as applicable) of free product were measured (relative to the top of the PVC casing) with a decontaminated interface probe. The depth to water was also recorded (as determined by the tone of the interface probe).

Depth to free product and groundwater measurements for the groundwater monitoring wells were conducted on February 15 and February 22, 2010. The measurements for each well are documented in Table A, below.

Table A: Free Product and Depth to Groundwater Measurements

Well ID	Depth to Product (feet)	Depth to Water (feet)	Product Depth (feet)	Product Depth (inches)	Field Observations
MW-1	11.35	11.45	0.1	1.2	Dark black product, petroleum odor
MW-2	NA	10.23	None	None	Well did not recharge, could not sample, PID 0.0
MW-3	NA	12.23	None	None	Clear water, ok recharge, PID 0.0
MW-4	12.87	13.8	0.93	11.16	Light yellow product, slightly sour-sweet odor, PID 0.0
MW-5	9.63	14.5	4.87	58.44	Dark black product, thick and sticky, PID 0.9
MW-6	8.73	12.49	3.76	45.12	Dark black product, thick and sticky, PID 0.0
MW-7	9	11.79	2.79	33.48	Dark black product, thick and sticky, PID 0.2
MW-8	NA	9.92	None	None	Well did not recharge, could not sample
MW-9	8.78	Not Measured*	Unknown	Unknown	Dark black product, very viscous, petroleum odor, PID = 36.5
MW-10	NA	8.7	None	None	Clear water, good recharge
MW-12	NA	7.73	None	None	Clear water, good recharge
MW-13	NA	7.78	None	None	Clear water, good recharge
MW-14	NA	8.55	None	None	Clear water, good recharge
MW-15	10.35	11.09	0.74	8.88	Dark black product, thick and sticky
MW-16	11.05	11.2	0.15	1.8	Dark product globules, not as dark or sticky as other wells
RW-1	NA	9	None	None	No product measured, PID 0.4,
RW-2	12.21	16.5	4.29	51.48	Dark brown to black viscous product, PID 0.0
RW-3	15.02	16.35	1.33	15.96	Dark brown to black viscous product, PID 0.0
RW-4	15.05	16.42	1.37	16.44	Dark brown to black viscous product, thicker than wells to west, PID 0.1
RW-5	13.92	14.5	0.58	6.96	Dark brown to black viscous product, thicker than wells to west, PID 1.5
RW-6	12.06	12.3	0.24	2.88	Dark brown to black product; slightly lighter than other wells, PID 0.1
RW-7	7.9	Not Measured*	Unknown	Unknown	Dark black product, very viscous, petroleum odor
RW-8	13.68	16.89	3.21	38.52	Dark brown to black viscous product, PID 0.5
RW-9	13.3	14.75	1.45	17.4	Dark brown to black viscous product, PID 4.5
RW-10	Pumped**	-	-	-	-
RW-11	13.28	15.55	2.27	27.24	Dark brown to black viscous product, PID 0.1
RW-12	12.87	17.66	4.79	57.48	Dark brown to black viscous product, PID 0.3

* Product thickness makes determining depth to water impossible, product coats meter which cannot determine presence of water.
** A skimmer pump continuously removes product from RW-10.

No free product was detected in several of the on-site and off-site groundwater monitoring wells including: MW-2 and MW-3 located in the southeastern portion of the building; MW-8 and MW-10 located in the sidewalk directly north of the on-site building; and, MW-12, MW-13, and MW-14 located to the northwest and west of subject property across the adjoining roadways.

Free product observations indicated the presence of three distinctly different products including 1) a dark, black, very viscous product (depth to water could not be measured due to coating meter) with a petroleum odor observed in MW-1, MW-9, and RW-7 located near the former fuel oil USTs; 2) a light yellow product with a slightly sour-sweet odor observed in MW-4 located near the western portion of the property; and, 3) a dark brown to black, sticky, product on the western portion of the subject property observed in MW-5 through MW-7; MW-15, MW-16, and RW-2 through RW-6; and, RW-8 through RW-12. No free product was observed in recovery well RW-1. The known lateral extent of free product, based on the measurements above, is depicted on Figure 4, Appendix A.

2.2.3 Direction of Groundwater Flow

ESI surveyed the height of each well casing relative to a fixed on-site benchmark, located four feet, four and one-quarter inch above the sidewalk on the southwest corner of the building and five feet eleven and three-quarters inch above the sidewalk on the northwest portion of the building (this corner of the building is rounded), and calculated the direction of groundwater flow based on the elevation of static groundwater as measured at all on-site monitoring wells, measured prior to water quality sample collection. Measurements were collected with an interface probe with an accuracy of measuring depth to the nearest 0.01 foot.

Groundwater was determined to be flowing from the east to the west across the subject property with the greatest elevation at MW-2 (87.52 feet) and the lowest elevation at MW-5 (80.15 feet, see Figure 5, Appendix A).

2.2.4 Monitoring Well Sampling

Groundwater sampling was conducted on February 15, 2009. Prior to sampling, each monitoring well casing was opened and the well column was immediately screened with a MiniRAE 3000 PID; however, the PID malfunctioned during the monitoring event and readings were not completed for all of the wells (see Table A, above). Each well was then investigated for the presence or absence of free product using a decontaminated interface probe (see Section 2.2.2, above).

Wells without free product present were purged using USEPA low-flow methodology as follows: 1) dedicated tubing was lowered to the bottom of the well and connected to a peristaltic pump; 2) the water level was measured before the pump was started and the well was pumped at a rate of 200 to 500 milliliters per minute; 3) the water level was measured every three minutes to ensure that stabilization (drawdown of 0.3' or less) was achieved; 4) during pumping, field indicator parameters (turbidity, temperature, specific conductance, pH, redox potential, and dissolved oxygen) were monitored and recorded; 5) the wells was pumped until stabilized was reached, when the indicator parameters stabilized for three consecutive readings; 6) the sample was collected directly from the pump tubing into laboratory supplied containers; 7) the purge water was containerized for proper off-site disposal at a later date; and, 8) the containers were placed in a cool (4° C), dry place prior to their transport to the laboratory. Appropriate chain-of-custody procedures were followed.

Groundwater was encountered between 7.7' (MW-12) and 14.5' (MW-5) bsg in the monitoring wells. Only seven wells did not have free product present (MW-2, MW-3, MW-8, MW-10, MW-12, MW-13, and MW-14) and of those wells, two (MW-2 and MW-8) could not be sampled because the wells would not stabilize during sampling (i.e., water level continued to drop regardless of pumping rate) indicating that connection to the groundwater table was not well established.

2.2.5 Collection of Free Product Samples

A product sample was collected from recovery well RW-7 (a dark, black, very viscous product with a petroleum odor), located near the former fuel oil USTs. This product sample was obtained by lowering an absorbent boom into the recovery well, allowing the boom to absorb some of the product, and then collecting the available free product directly into laboratory supplied glassware.

As described in Section 2.2.2, product with distinctly different characteristics was observed in other on-site monitoring and recovery wells during depth of product measurements. Product samples from two other wells, MW-4 (a light yellow product with a slightly sour-sweet odor) and RW-12 (a dark brown to black, sticky product), were collected by lowering an absorbent boom into the recovery well, allowing the boom to absorb some of the product, and then collecting the available free product directly into laboratory supplied glassware.

2.3 Laboratory Analysis

A summary of the results of the laboratory analyses conducted on the groundwater and free product samples is presented below. Data summary tables and the laboratory reports are provided in Appendices C and D, respectively, recommendations regarding these findings are located in Section 3.0.

2.3.1 Guidance Levels

The term "guidance level," as defined in this Report, refers to the concentration of a particular contaminant above which remedial actions are considered more likely. The overall objective of setting guidance levels is to assess the integrity of on-site groundwater relative to conditions that are likely to present a threat to public health or the environment, given the existing and probable future uses of the subject property. On-site groundwater with contaminant concentrations exceeding these guidance levels is considered more likely to warrant remediation. No independent risk assessment was performed as part of this investigation.

Guidance levels for groundwater are based on the NYSDEC Division of Water Technical & Operational Guidance Series 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998 Edition (as modified through June 2004).

2.3.2 Sample Submission

Groundwater samples were submitted for laboratory analysis of VOCs (USEPA Method 8260) and semi-volatile organic compounds (SVOCs, USEPA Method 8270).

The free product sample from RW-7 was submitted to the laboratory for analysis of the presence of phthalates using USEPA Method 8270 selected ion monitoring.

The free product samples from MW-4 and RW-12 were submitted for identification of semi-volatile organic compounds by a library search using a gas chromatograph fitted with a mass spectrometer (GC/MS).

2.3.2 Laboratory Results

Groundwater

An elevated concentration of trichloroethylene (guidance level 5 µg/L) was detected in the sample from off-site monitoring well MW-13 (15 µg/L); estimated, low level concentrations of trichloroethylene were also detected in the samples from off-site wells MW-10 (1.1 µg/L) and MW-12 (2.5 µg/L). Estimated low levels of 1,1,1-trichloroethane (guidance level 5 µg/L) and 1,2,4-trimethylebenzene (guidance level 5 µg/L) were detected in the sample from MW-3 at a

concentration of 2.4 µg/L and 1.1 µg/L, respectively. In addition, estimated, low levels of methylene chloride (guidance level 5 µg/L), often a laboratory introduced contaminant, were detected in all samples (peak detection 3.9 µg/L, average detection 3.5 µg/L) and in the associated laboratory blank. No other VOCs were detected in any of the other samples.

An estimated, low level concentration of bis(2-ethylhexyl)phthalate (guidance level 5 µg/L) was detected at MW-13 (3.57 µg/L). No other SVOCs were detected in any of the other samples.

Free Product Samples

As stated above, three distinct products (based of field observations) were identified at the subject property (see Figure 4, Appendix A). The Work Plan included sampling of the free product from recovery well RW-7 with the intent of determining the presence or absence of significant concentrations of phthalates in the fuel oil known to be present in this area. Although sampling of the remaining free product was not included in the Work Plan, analysis of these two products was completed in order to more fully characterize existing conditions at the subject property. Analysis of the three products present at the subject property included the following results:

Fuel Oil Free Product

The free product sample from RW-7 was analyzed for the presence of seven common phthalate compounds (including benzyl butyl phthalate, bis(2-ethylhexyl)adipate, bis(2-ethylhexyl)phthalate, diethyl phthalate, dimethyl phthalate, di-n-butyl phthalate, and di-n-octyl phthalate).

Only two phthalate compounds, bis(2-ethylhexyl)phthalate and di-n-butyl phthalate, were detected in the free product sample from RW-7 at low levels. These compounds were detected at a de minimis level comprising 0.016% of the total free product sample (130 mg/kg of bis(2-ethylhexyl)phthalate and 30 mg/kg [estimated] of di-n-butyl phthalate). The absence of elevated concentrations of phthalates supports the conclusion that the product present in the recovery well is not an admixture of industrial wastes and can continue to be managed as a petroleum release.

Other Free Product Samples

GC/MS analysis of the samples indicated that the sample from MW-4 (light yellow product with a slightly sour-sweet odor) consisted of approximately 40.5% carboxylic acid esters (phthalates) and the sample from RW-12 (a dark brown to black, sticky, product) consisted of approximately 18% phthalates. The sample from RW-12 also consisted of a high boiling, paraffinic, petroleum based oil (e.g., mineral oil); the sample from MW-4 did not contain a significant amount of petroleum based oil.

Discussion of the results with the laboratory performing the analysis, Friedman & Bruya, Inc., indicated that the product from RW-12 consisted of a complex mixture of phthalates and a paraffinic oil (the components of paraffinic oil cannot be identified by the mass spectrometer because it does not separate into identifiable peaks) and that although only 40.5% of the product in MW-4 was identified as phthalates, it is likely that this product consists primarily of phthalates.

Several of the phthalates were repeatedly identified by the mass spectrometer during the analysis. This repeating of compounds is due to the comparison of detected peaks to the “library” of known chemicals. Although different peaks were identified, no known compound could be exactly matched to the specific peak, so the closest comparison was identified by the mass spectrometer.

3.0 CONCLUSIONS AND RECOMMENDATIONS

This office has completed the services summarized in Section 2.0 of this Report on the specified portion of the property, located at 49-55 Dupont Street, Borough of Brooklyn, New York. Services included: performing a tidal influence study, gauging of free product in all monitoring and recovery wells, if present, determining the direction of groundwater flow, sampling of monitoring wells without measurable free product to document groundwater quality and, collection and analysis of a free product sample from MW-4, RW-7, and RW-12 in order to identify the presence or absence of phthalates in RW-7 and the components of the products in MW-4 and RW-12.

Based on the services provided by this office and analytical data generated, the following conclusions and recommendations (shown in **bold**) are provided below.

1. Off-site monitoring wells MW-12 and MW-13 were determined to be tidally influenced but on-site wells showed no tidal fluctuation. Groundwater was determined to be flowing from the east to the west across the subject property.

2. Three distinctly different free products are located on-site; based on field evidence and laboratory analysis. These products include a) fuel oil, located on the northeast portion of the subject property, b) free product phthalates, located near the western portion of the property at monitoring well MW-4, and c) a mixture of phthalates and paraffinic oil, located on the western portion of the subject property.

   No free product was detected in the off-site wells located across the street to the west and northwest of the subject property (MW-12, MW-13, and MW-14). Free product phthalate and paraffinic oil depths ranged from a peak of 4.87 feet and 4.79 feet measured in MW-5 and RW-12, respectively, to 1.8 inches measured in MW-16. Free product petroleum measured 1.2 inches in MW-1; no free product petroleum depth measurement could be determined in RW-7 and MW-9 (located closest to the former fuel oil USTs) due to the consistency of the free product present.

   An Interim Remedial Measure Work Plan (IRM Work Plan) is being submitted under separate cover to address mass removal and source control of free product on the western portion of the subject property. Subsequent to implementation of the IRM Work Plan, a full-scale remediation plan should be developed and implemented to fully address the presence of free product phthalate on-site, which has been identified on the western portion of the subject property.

3. Sampling of monitoring wells was limited due to the presence of free product in many wells and the groundwater drawdown during pumping of monitoring wells MW-3 and MW-8. Current sampling data documents no significant contamination in any of the wells sampled, with the exception of trichloroethylene and a low level of bis(2-ethylhexyl) phthalate detected at off-site monitoring well MW-13, located to the northwest of the subject property.

   Prior to another round of groundwater monitoring, ESI recommends re-developing MW-3 and MW-8 in order to attempt to clear fine grained material which may be clogging the well screen leading to drawdown of the wells when pumping.

4. Previous reports have documented the presence of elevated levels of phthalates in soil on the western portion of the subject property (on Lots 1 and 10, only) and dissolved phase phthalates in on-site groundwater.

   Additional investigative and remedial activities will be needed to fully characterize groundwater quality and to address soil contamination subsequent to the implementation of the full-scale remediation of free product on-site (see #2, above).

5. Free product petroleum present on the northeast portion of the subject property is unrelated to on-site production of plastic and vinyl products.

   It is recommended that this oil product be removed consistent with the Remedial Work Plan submitted to and approved by the NYSDEC spill officer assigned to event #0601852.

APPENDIX A

Maps



Figure 1: Site Location Map
49-55 Dupont Street
Borough of Brooklyn
Kings County, New York

N

ESI File: SB09110.51

April 2010

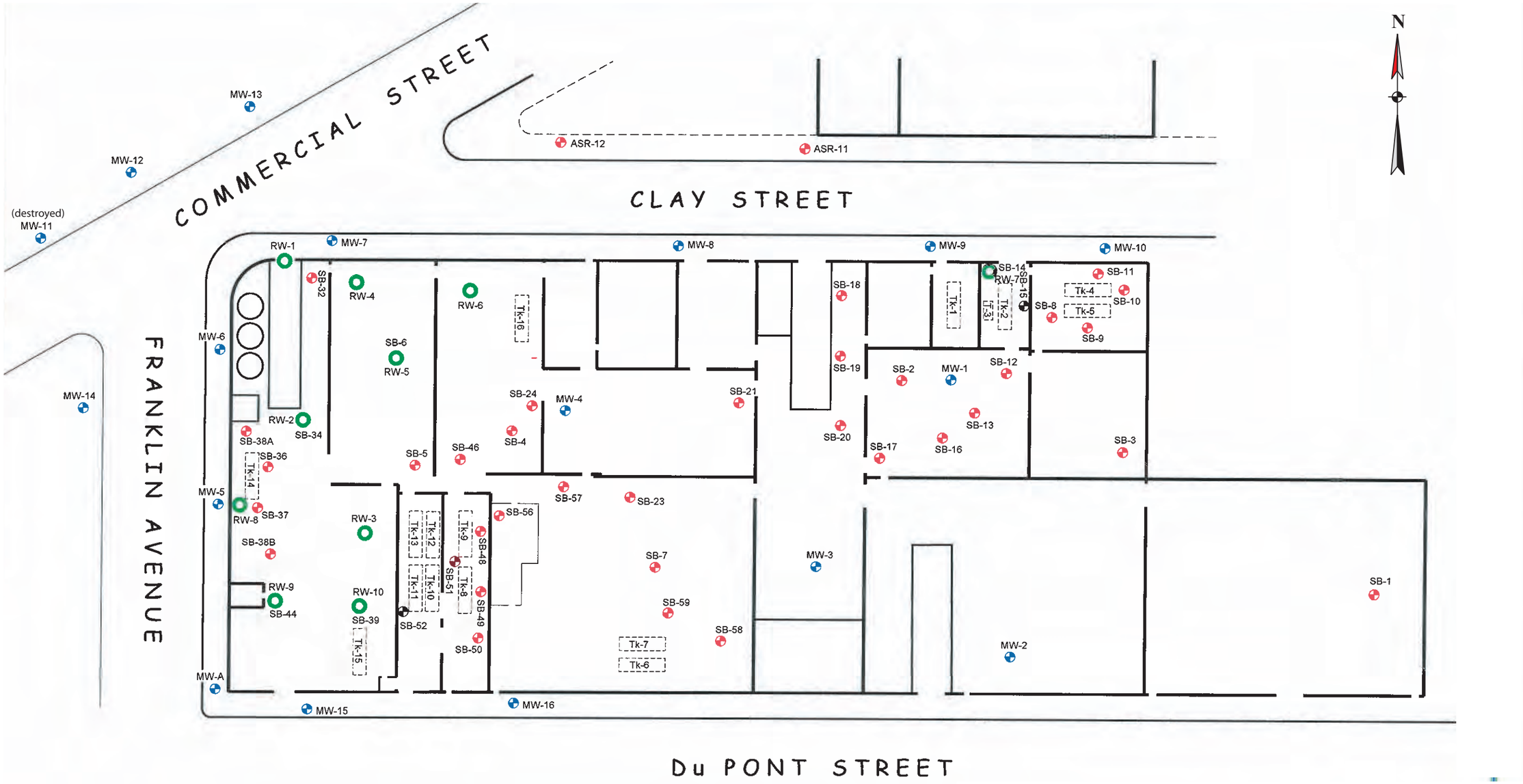
Appendix A



Source: Tax Lot lines from New York City Department of Finance, Digital Tax Map and Site Photograph from Google.com

Figure 2: Tax Lot Map

49-55 Dupont Street Borough of Brooklyn Kings County, New York	ESI File: SB09110.51
	Not to Scale
	April 2010 | Appendix A



MW-2
Location of Groundwater Monitoring Well

SB-22
Location of Geoprobe Soil Boring

RW-3
Location of Product Recovery Wells

Base Map Source: Advanced Site Restoration, LLC - Borehole & Well Location Map December 2006 Rev: 12/14/06

Figure 3: Former Fieldwork Map

49-55 Dupont Street
Borough of Brooklyn
Kings County, New York

ESI File: SB09110.51

Scale: 1 " = Approximately 47'

April 2010 | Appendix A



MW-2 Location of Groundwater Monitoring Well

RW-3 Location of Product Recovery Wells

Dark brown to black phthalates/paraffinic oil (free product)

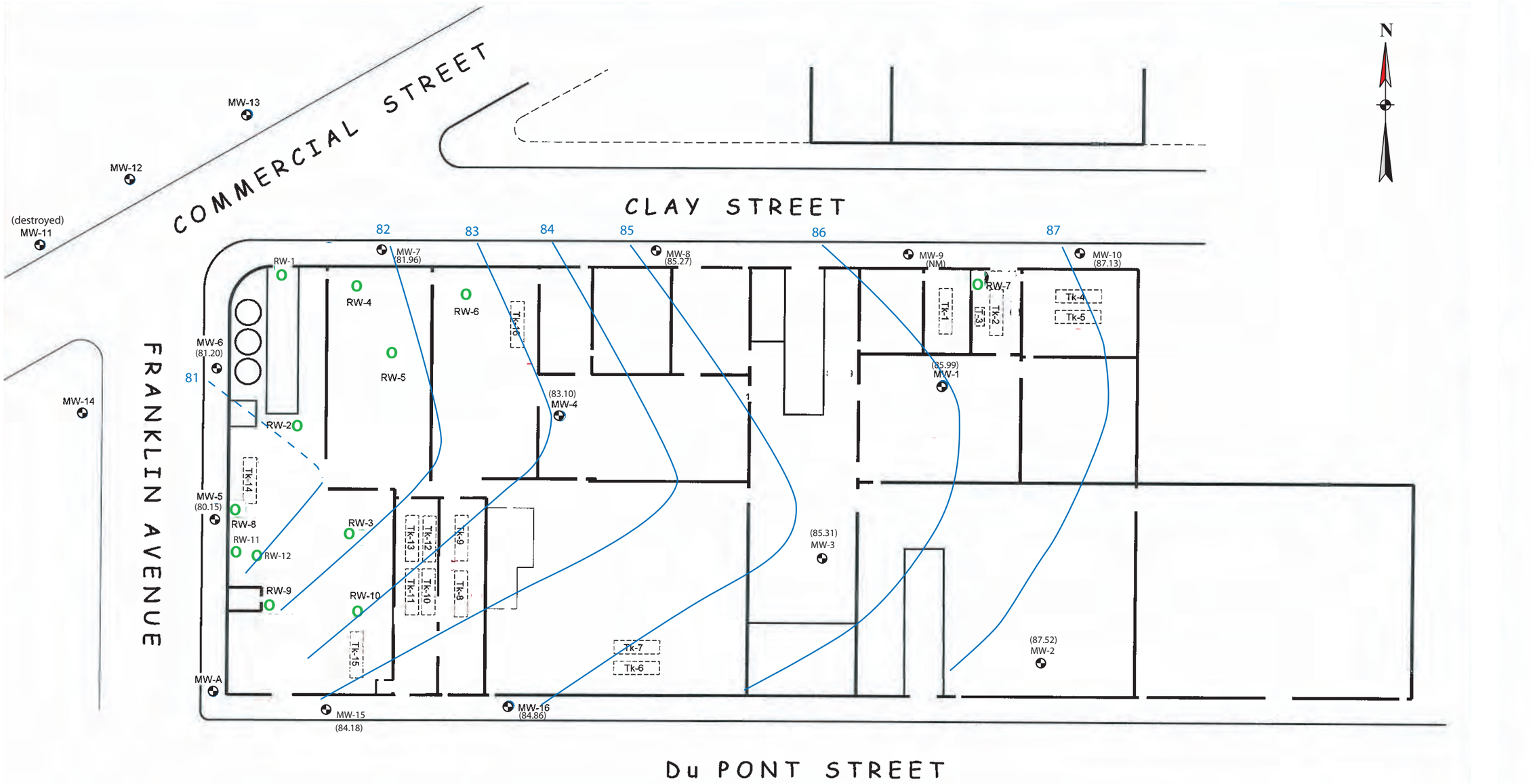
Yellow phthalates (free product)

Petroleum (free product)

Base Map Source: Advanced Site Restoration, LLC - Borehole & Well Location Map December 2006 Rev: 12/14/06

Figure 4: Lateral Extent of Known Free Product

49-55 Dupont Street Borough of Brooklyn Kings County, New York	ESI File: SB09110.51
	Scale: 1 " = Approximately 47'
	April 2010 | Appendix A



MW-2 Location of Groundwater Monitoring Well

contour lines

RW-3 Location of Product Recovery Wells

Base Map Source: Advanced Site Restoration, LLC - Borehole & Well Location Map December 2006 Rev: 12/14/06

Figure 5: Groundwater Flow Map

49-55 Dupont Street
Borough of Brooklyn
Kings County, New York

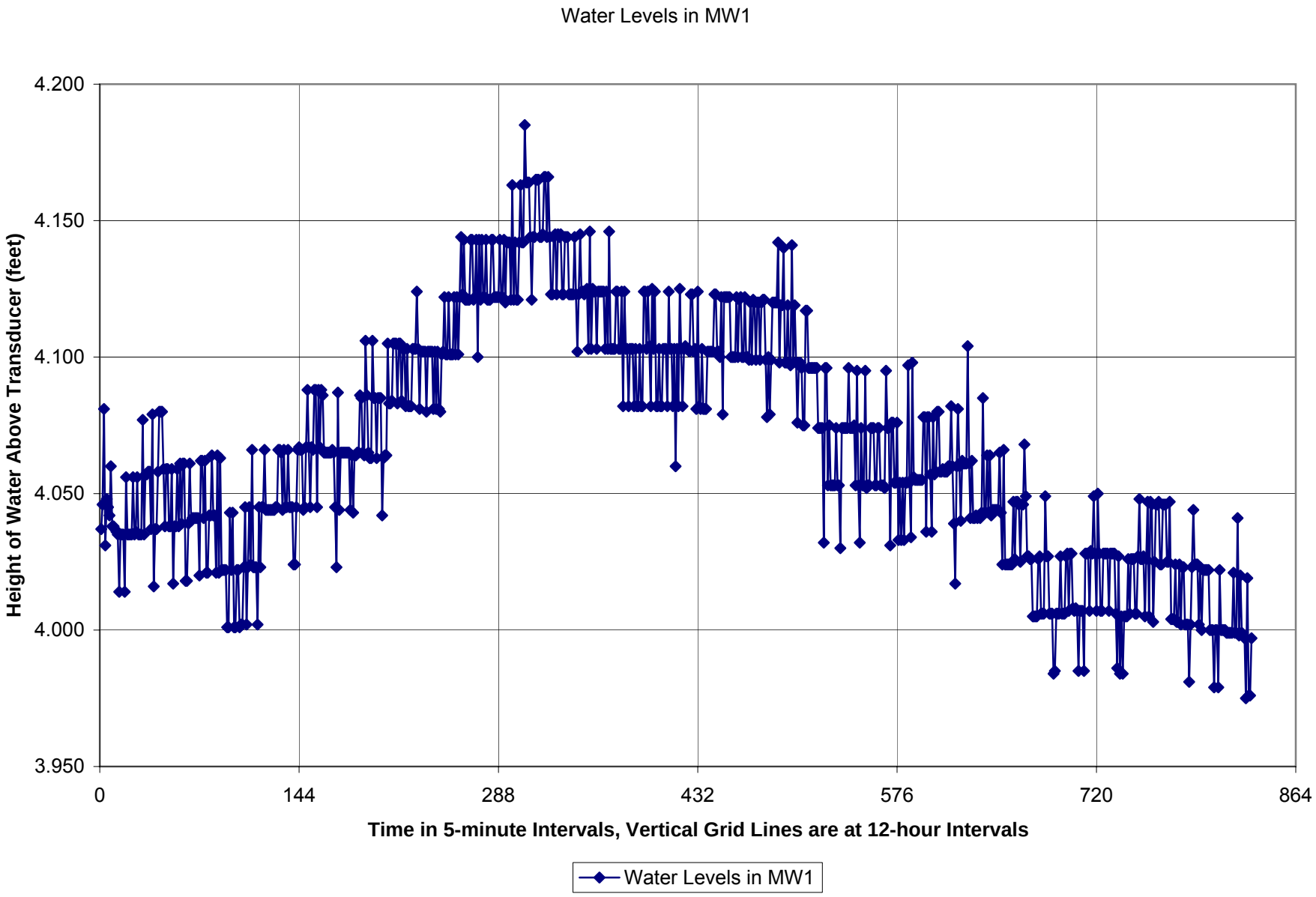
ESI File: SB09110.51

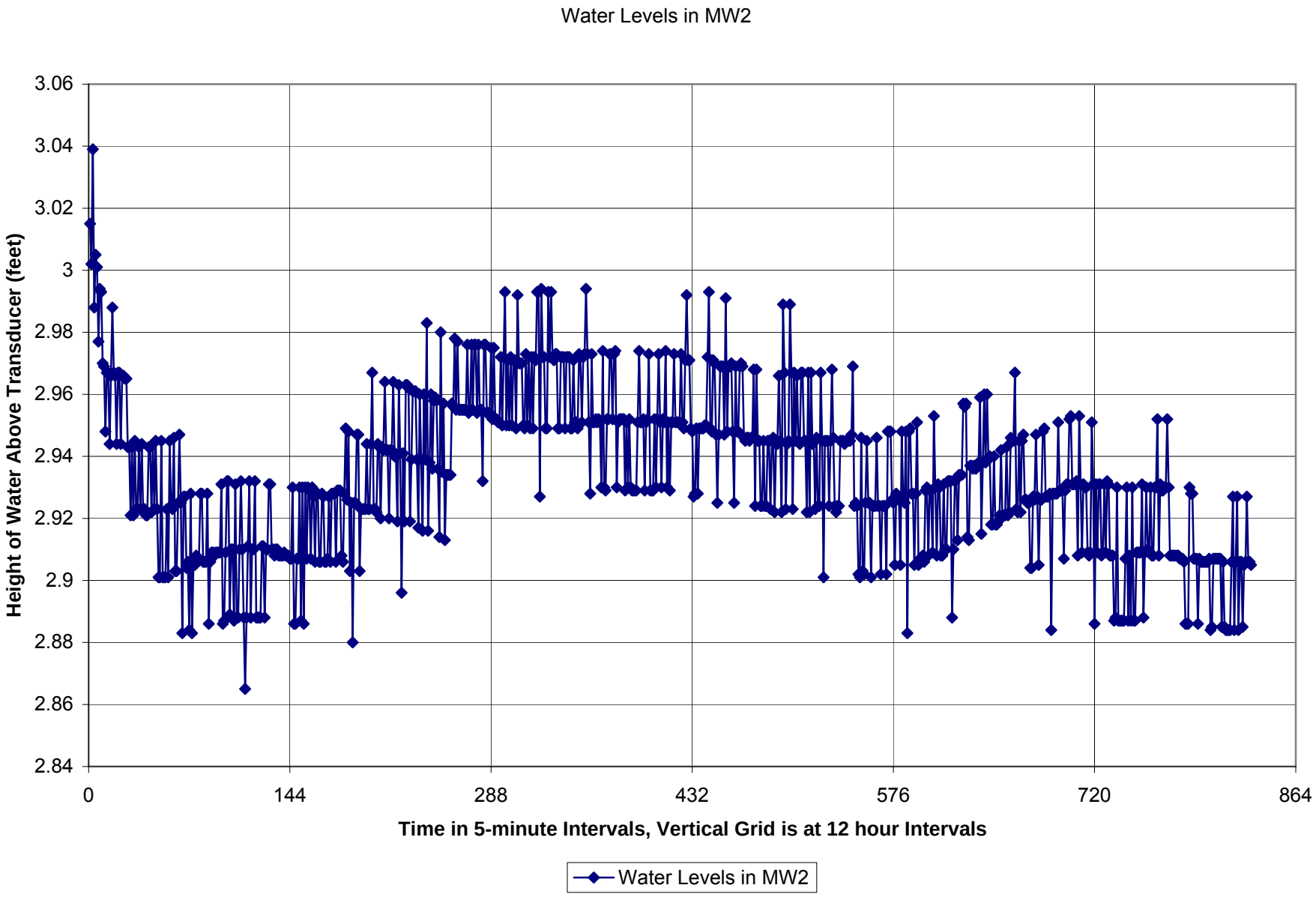
Scale: 1 " = Approximately 47'

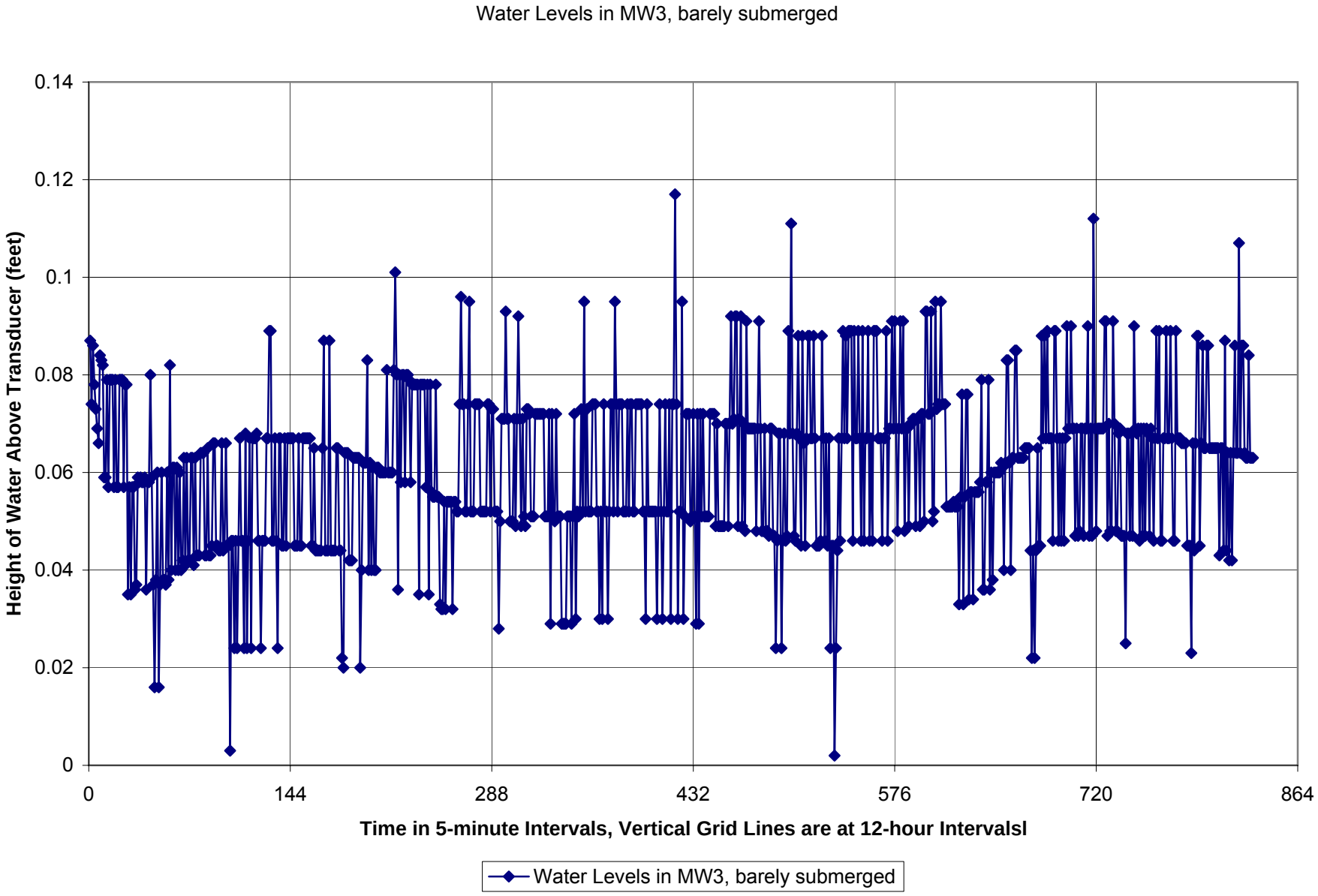
April 2010 | Appendix A

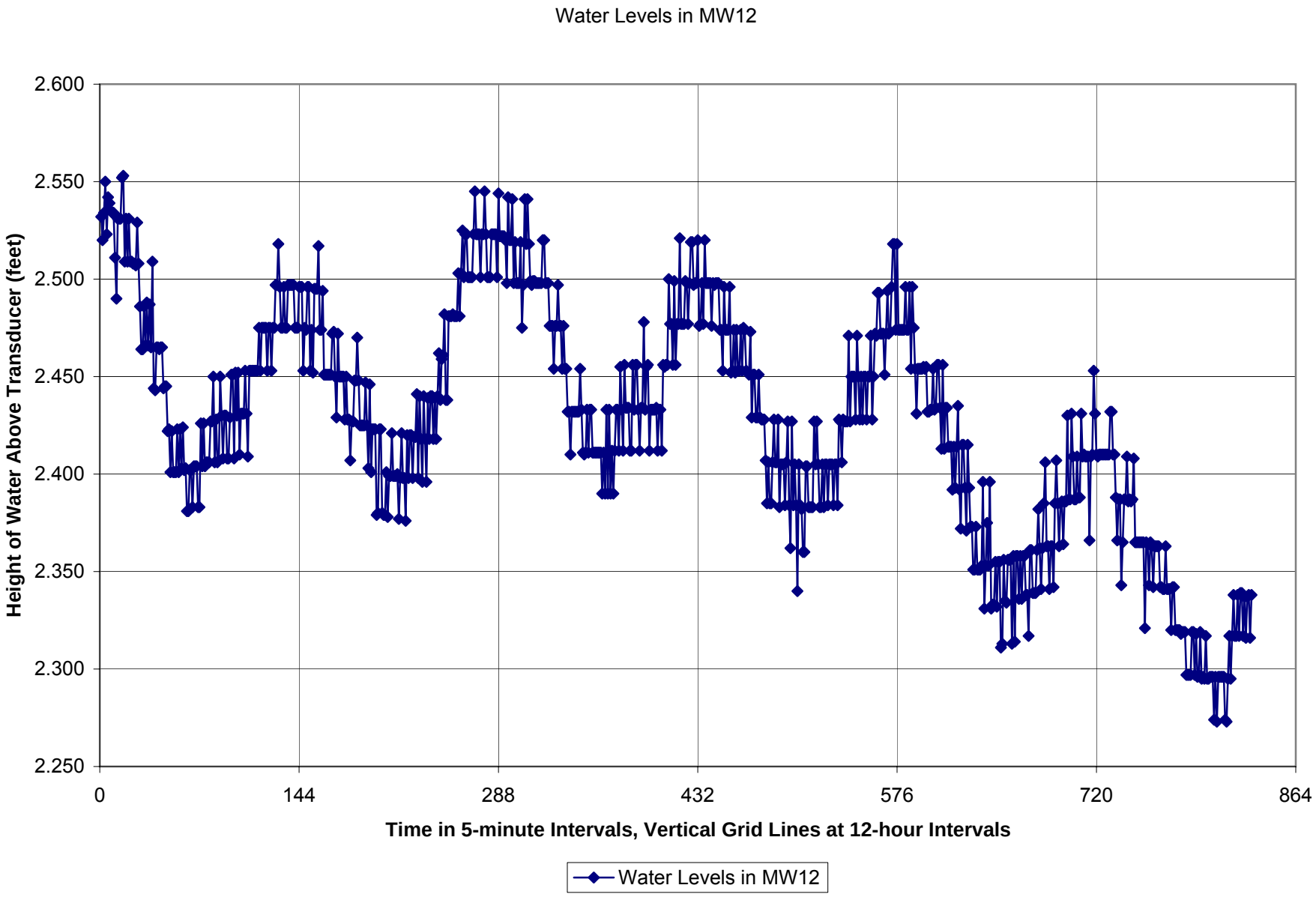
APPENDIX B

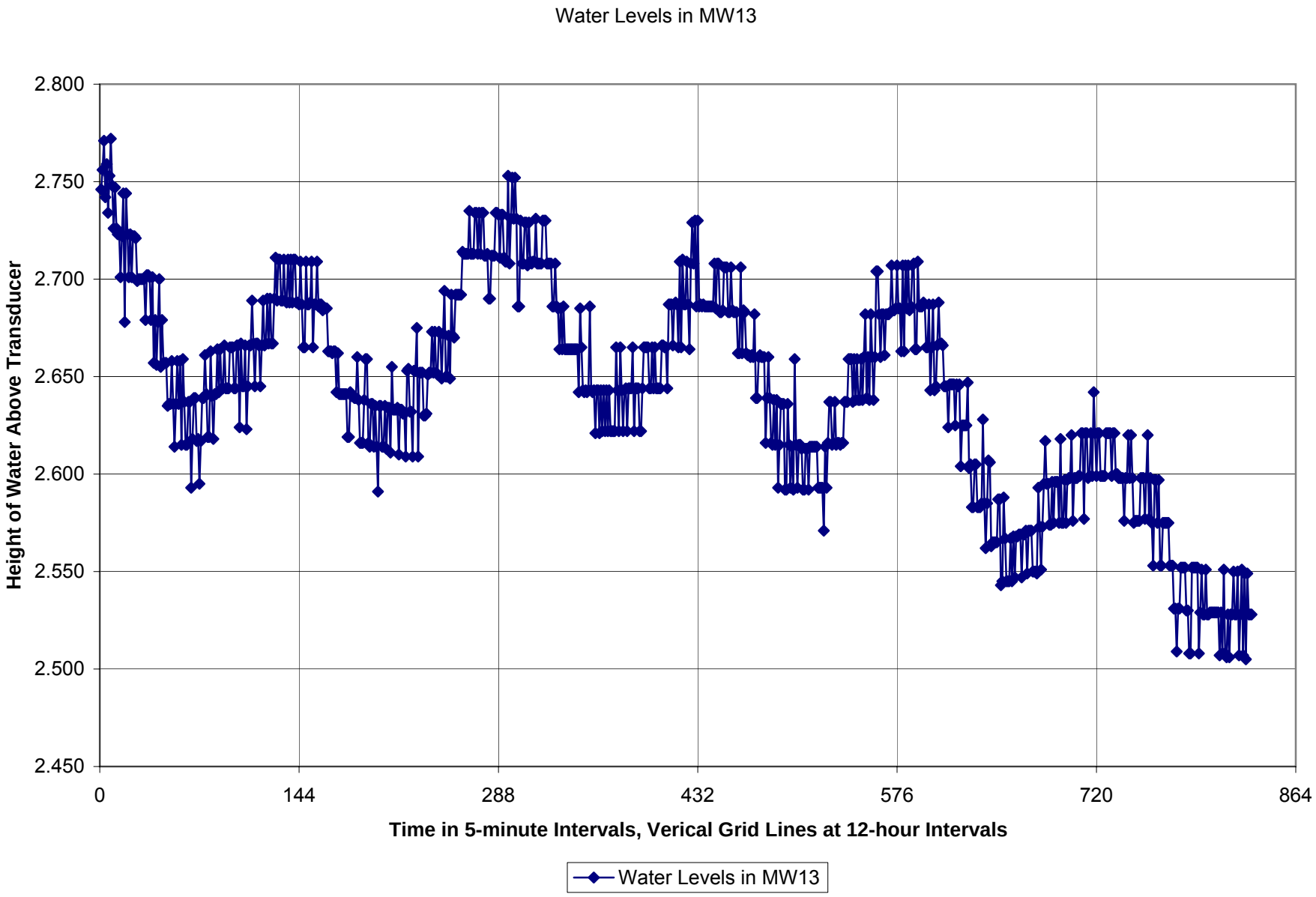
Water Level Graphs

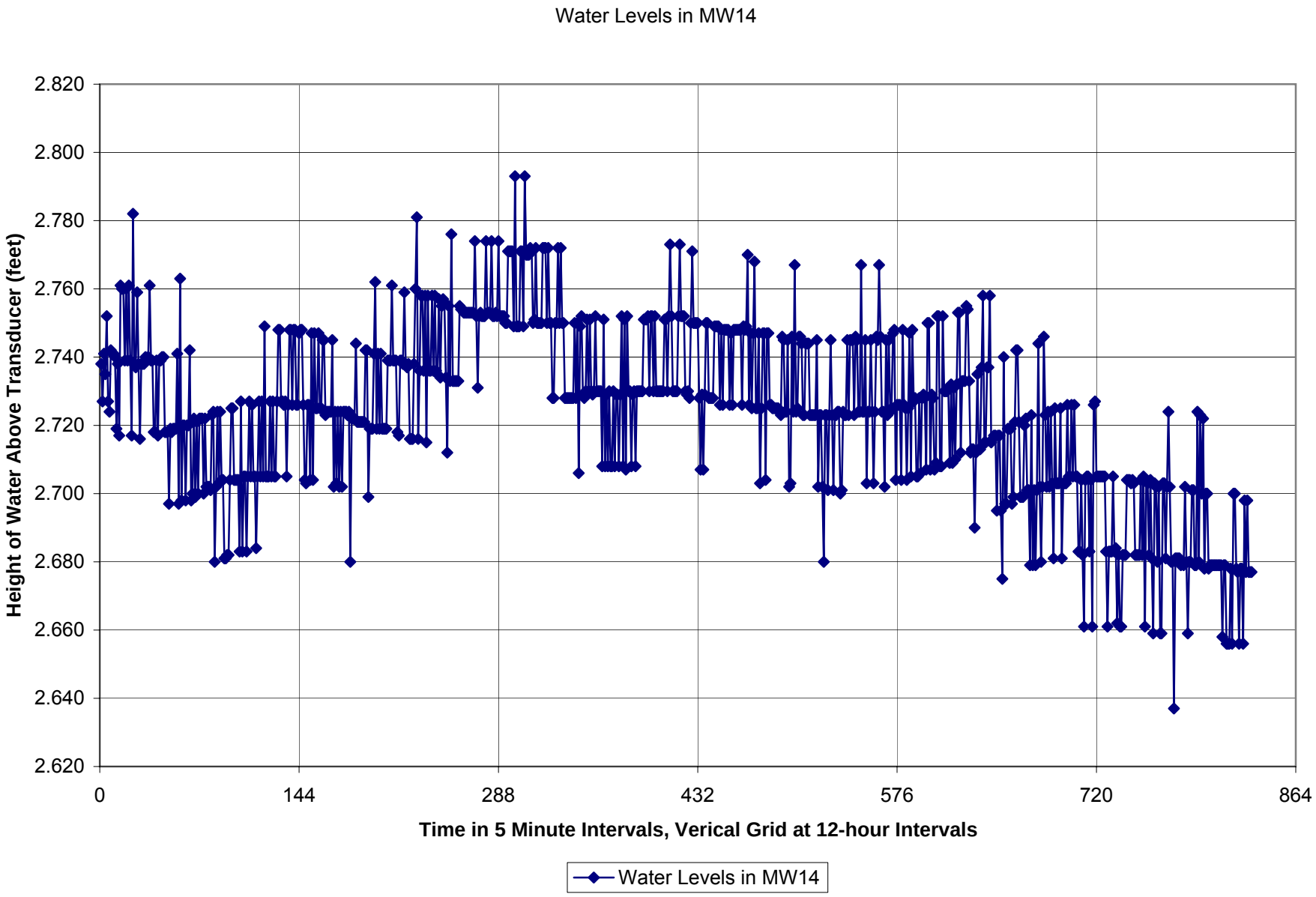

Water Levels in MW1
4.200
4.150
4.100
4.050
4.000
3.950
Height of Water Above Transducer (feet)
0
144
288
432
576
720
864
Time in 5-minute Intervals, Vertical Grid Lines are at 12-hour Intervals
Water Levels in MW1


Water Levels in MW2
Height of Water Above Transducer (feet)
3.06
3.04
3.02
3
2.98
2.96
2.94
2.92
2.9
2.88
2.86
2.84
0
144
288
432
576
720
864
Time in 5-minute Intervals, Vertical Grid is at 12 hour Intervals
Water Levels in MW2


Water Levels in MW3, barely submerged
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Height of Water Above Transducer (feet)
0
144
288
432
576
720
864
Time in 5-minute Intervals, Vertical Grid Lines are at 12-hour Intervalsl
Water Levels in MW3, barely submerged


Water Levels in MW12
Height of Water Above Transducer (feet)
2.600
2.550
2.500
2.450
2.400
2.350
2.300
2.250
0
144
288
432
576
720
864
Time in 5-minute Intervals, Vertical Grid Lines at 12-hour Intervals
Water Levels in MW12


Water Levels in MW13
2.800
2.750
2.700
2.650
2.600
2.550
2.500
2.450
Height of Water Above Transducer
0
144
288
432
576
720
864
Time in 5-minute Intervals, Verical Grid Lines at 12-hour Intervals
Water Levels in MW13


Water Levels in MW14
Height of Water Above Transducer (feet)
2.820
2.800
2.780
2.760
2.740
2.720
2.700
2.680
2.660
2.640
2.620
0
144
288
432
576
720
864
Time in 5 Minute Intervals, Verical Grid at 12-hour Intervals
Water Levels in MW14

APPENDIX C

Data Summary Tables

Table 1: VOCs in Water - ESI File: SB09110

All results provided in μg/L. Results in **bold** exceed designated guidance levels.

Compound (USEPA Method 8260)	Guidance Level	Sample Identification				
		MW-3	MW-10	MW-12	MW-13	MW-14
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	2.4 (J)	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethylene	5	ND	ND	ND	ND	ND
1,1-Dichloropropylene	5	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	1.1 (J)	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.04	ND	ND	ND	ND	ND
1,2-Dibromoethane	5	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND
Bromobenzene	5	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	5	ND	ND	ND	ND	ND
cis-1,3-Dichloropropylene	0.4	ND	ND	ND	ND	ND
Dibromochloromethane	5	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND
Methylene chloride	5	3.4 (J)	3.4 (J)	3.0 (J)	3.9 (J)	3.6 (J)
Methyl tert-butyl ether (MTBE)	10	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND
o-Xylene	5	ND	ND	ND	ND	ND
p-&m-Xylenes	5	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND
Tetrachloroethylene	5	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	5	ND	ND	ND	ND	ND
trans-1,3-Dichloropropylene	0.4	ND	ND	ND	ND	ND
Trichloroethylene	5	ND	1.1 (J)	2.5 (J)	**15**	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND	ND

Notes:

Guidance levels based on NYSDEC Division of Water TOGS 1.1.1 (June 1998) and subsequent NYSDEC Memoranda

J - Data indicate the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

ND = Not Detected

Table 2: SVOCs in Water - ESI File: SB09110

All results provided in μg/L (parts per billion). Results in **bold** exceed designated guidance levels.

Compound (USEPA Method 8270)	Guidance Level	Sample Identification				
		MW-3	MW-10	MW-12	MW-13	MW-14
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NE	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	ND	ND	ND	ND	ND
2,4-Dichlorophenol	5	ND	ND	ND	ND	ND
2,4-Dimethylphenol	50	ND	ND	ND	ND	ND
2,4-Dinitrophenol	10	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	5	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	5	ND	ND	ND	ND	ND
2-Chloronaphthalene	10	ND	ND	ND	ND	ND
2-Chlorophenol	NE	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	ND	ND	ND	ND	ND
2-Methylphenol	NE	ND	ND	ND	ND	ND
2-Nitroaniline	5	ND	ND	ND	ND	ND
2-Nitrophenol	NE	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	5	ND	ND	ND	ND	ND
3-Nitroaniline	5	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	NE	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	ND	ND	ND	ND	ND
4-Chloroaniline	5	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	NE	ND	ND	ND	ND	ND
4-Methylphenol	NE	ND	ND	ND	ND	ND
4-Nitroaniline	5	ND	ND	ND	ND	ND
4-Nitrophenol	5	ND	ND	ND	ND	ND
Acenaphthene	20	ND	ND	ND	ND	ND
Acenaphthylene	NE	ND	ND	ND	ND	ND
Aniline	5	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	NE	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	ND	ND	ND	ND	ND
Benzo(ghi)perylene	NE	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND	ND	ND
Benzyl alcohol	NE	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	5	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	1	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	5	ND	ND	ND	3.57 (J)	ND
Chrysene	0.002	ND	ND	ND	ND	ND
Dibenzo(a h)anthracene	NE	ND	ND	ND	ND	ND
Dibenzofuran	NE	ND	ND	ND	ND	ND
Diethyl phthalate	50	ND	ND	ND	ND	ND
Dimethyl phthalate	50	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	ND	ND	ND	ND
Di-n-octyl phthalate	50	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND
Fluorene	50	ND	ND	ND	ND	ND
Hexachlorobenzene	0.04	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	5	ND	ND	ND	ND	ND
Hexachloroethane	5	ND	ND	ND	ND	ND
Indeno(1 2 3-cd)pyrene	0.002	ND	ND	ND	ND	ND
Isophorone	50	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND
Nitrobenzene	0.4	ND	ND	ND	ND	ND
n-Nitroso-di-n-propylamine	NE	ND	ND	ND	ND	ND
n-Nitrosodimethylamine	50	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	50	ND	ND	ND	ND	ND
Pentachlorophenol	1	ND	ND	ND	ND	ND
Phenanthrene	50	ND	ND	ND	ND	ND
Phenol	1	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	ND
Pyridine	50	ND	ND	ND	ND	ND

Notes:

Guidance levels based on NYSDEC TOGS 1.1.1. (June 1998) and subsequent NYSDEC Memoranda

J - Data indicate the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

ND = Not Detected NE = Not Established NA = Not Analyzed

APPENDIX D

Laboratory Data Reports

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Emery Lawson

Report Date: 02/22/2010
Client Project ID: SB09110
York Project (SDG) No.: 10B0508

Report Date: 02/22/2010
Client Project ID: SB09110
York Project (SDG) No.: 10B0508

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Emery Lawson

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 February 17, 2010 and listed below. The project was identified as your project: **SB09110**.

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 customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
10B0508-01	MW-3	Water	02/15/2010	02/17/2010
10B0508-02	MW-10	Water	02/15/2010	02/17/2010
10B0508-03	MW-12	Water	02/15/2010	02/17/2010
10B0508-04	MW-13	Water	02/15/2010	02/17/2010
10B0508-05	MW-14	Water	02/15/2010	02/17/2010

General Notes for York Project (SDG) No.: 10B0508

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the 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, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.

Approved By: 

Date: 02/22/2010

Robert Q. Bradley
Managing Director

YORK

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **10B0508-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Water	February 15, 2010 3:00 pm	02/17/2010

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	02/19/2010 22:56	02/19/2010 22:56	SS
71-55-6	**1,1,1-Trichloroethane**	**2.4**	J	"	0.95	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
79-34-5	1,1,2,2-Tetrachloroethane	ND		"	0.57	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		"	0.60	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
79-00-5	1,1,2-Trichloroethane	ND		"	0.61	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
75-34-3	1,1-Dichloroethane	ND		"	0.69	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
75-35-4	1,1-Dichloroethylene	ND		"	1.3	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
563-58-6	1,1-Dichloropropylene	ND		"	0.43	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
87-61-6	1,2,3-Trichlorobenzene	ND		"	0.37	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
96-18-4	1,2,3-Trichloropropane	ND		"	1.1	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
120-82-1	1,2,4-Trichlorobenzene	ND		"	0.48	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
95-63-6	**1,2,4-Trimethylbenzene**	**1.1**	J	"	0.53	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
96-12-8	1,2-Dibromo-3-chloropropane	ND		"	1.3	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
106-93-4	1,2-Dibromoethane	ND		"	0.68	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
95-50-1	1,2-Dichlorobenzene	ND		"	0.59	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
107-06-2	1,2-Dichloroethane	ND		"	0.65	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
78-87-5	1,2-Dichloropropane	ND		"	0.22	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
108-67-8	1,3,5-Trimethylbenzene	ND		"	0.37	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
541-73-1	1,3-Dichlorobenzene	ND		"	0.47	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
142-28-9	1,3-Dichloropropane	ND		"	0.69	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
106-46-7	1,4-Dichlorobenzene	ND		"	0.68	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
594-20-7	2,2-Dichloropropane	ND		"	0.96	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
95-49-8	2-Chlorotoluene	ND		"	0.49	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
106-43-4	4-Chlorotoluene	ND		"	0.49	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
71-43-2	Benzene	ND		"	0.48	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
108-86-1	Bromobenzene	ND		"	0.61	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
74-97-5	Bromochloromethane	ND		"	1.3	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
75-27-4	Bromodichloromethane	ND		"	0.62	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
75-25-2	Bromoform	ND		"	0.58	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
74-83-9	Bromomethane	ND		"	1.2	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
56-23-5	Carbon tetrachloride	ND		"	1.0	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
108-90-7	Chlorobenzene	ND		"	0.35	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
75-00-3	Chloroethane	ND		"	0.76	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
67-66-3	Chloroform	ND		"	0.36	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 10B0508-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Water	February 15, 2010 3:00 pm	02/17/2010

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	02/19/2010 22:56	02/19/2010 22:56	"
156-59-2	cis-1,2-Dichloroethylene	ND		"	0.96	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
10061-01-5	cis-1,3-Dichloropropylene	ND		"	0.35	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
124-48-1	Dibromochloromethane	ND		"	0.67	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
74-95-3	Dibromomethane	ND		"	1.3	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
87-68-3	Dichlorodifluoromethane	ND		"	0.83	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
100-41-4	Ethyl Benzene	ND		"	0.35	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
87-68-3	Hexachlorobutadiene	ND		"	0.43	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
98-82-8	Isopropylbenzene	ND		"	0.39	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		"	0.38	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
75-09-2	**Methylene chloride**	**3.4**	B, J	"	1.1	10	"	"	02/19/2010 22:56	02/19/2010 22:56	"
91-20-3	Naphthalene	ND		"	0.50	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
104-51-8	n-Butylbenzene	ND		"	0.32	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
103-65-1	n-Propylbenzene	ND		"	0.58	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
95-47-6	o-Xylene	ND		"	0.50	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
1330-20-7P/M	p- & m- Xylenes	ND		"	0.55	10	"	"	02/19/2010 22:56	02/19/2010 22:56	"
99-87-6	p-Isopropyltoluene	ND		"	0.25	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
135-98-8	sec-Butylbenzene	ND		"	0.52	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
100-42-5	Styrene	ND		"	0.43	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
98-06-6	tert-Butylbenzene	ND		"	0.46	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
127-18-4	Tetrachloroethylene	ND		"	0.52	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
108-88-3	Toluene	ND		"	0.23	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
156-60-5	trans-1,2-Dichloroethylene	ND		"	0.65	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
10061-02-6	trans-1,3-Dichloropropylene	ND		"	0.68	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
79-01-6	Trichloroethylene	ND		"	0.57	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
75-69-4	Trichlorofluoromethane	ND		"	0.91	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"
75-01-4	Vinyl Chloride	ND		"	0.97	5.0	"	"	02/19/2010 22:56	02/19/2010 22:56	"

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 10B0508-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Water	February 15, 2010 3:00 pm	02/17/2010

Semi-Volatiles, 8270 Target List

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.35	5.13	1	EPA SW-846 8270C	02/18/2010 12:31	02/18/2010 23:55	TD
95-50-1	1,2-Dichlorobenzene	ND		"	1.68	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
541-73-1	1,3-Dichlorobenzene	ND		"	2.82	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
106-46-7	1,4-Dichlorobenzene	ND		"	3.31	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
95-95-4	2,4,5-Trichlorophenol	ND		"	3.70	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
88-06-2	2,4,6-Trichlorophenol	ND		"	3.36	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
120-83-2	2,4-Dichlorophenol	ND		"	3.17	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
105-67-9	2,4-Dimethylphenol	ND		"	3.78	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
51-28-5	2,4-Dinitrophenol	ND		"	9.85	10.3	"	"	02/18/2010 12:31	02/18/2010 23:55	"
121-14-2	2,4-Dinitrotoluene	ND		"	2.43	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
606-20-2	2,6-Dinitrotoluene	ND		"	3.60	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
91-58-7	2-Chloronaphthalene	ND		"	3.58	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
95-57-8	2-Chlorophenol	ND		"	3.50	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
91-57-6	2-Methylnaphthalene	ND		"	3.15	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
95-48-7	2-Methylphenol	ND		"	0.879	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
88-74-4	2-Nitroaniline	ND		"	3.08	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
88-75-5	2-Nitrophenol	ND		"	3.18	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
91-94-1	3,3'-Dichlorobenzidine	ND		"	3.60	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
99-09-2	3-Nitroaniline	ND		"	1.64	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
534-52-1	4,6-Dinitro-2-methylphenol	ND		"	6.87	10.3	"	"	02/18/2010 12:31	02/18/2010 23:55	"
101-55-3	4-Bromophenyl phenyl ether	ND		"	3.53	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
59-50-7	4-Chloro-3-methylphenol	ND		"	3.72	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
106-47-8	4-Chloroaniline	ND		"	3.84	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
7005-72-3	4-Chlorophenyl phenyl ether	ND		"	3.20	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
100-01-6	4-Methylphenol	ND		"	3.81	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
100-02-7	4-Nitroaniline	ND		"	3.87	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
56-57-5	4-Nitrophenol	ND		"	4.04	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
83-32-9	Acenaphthene	ND		"	3.32	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
208-96-8	Acenaphthylene	ND		"	4.38	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
62-53-3	Aniline	ND		"	2.02	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
120-12-7	Anthracene	ND		"	3.75	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
56-55-3	Benzo(a)anthracene	ND		"	4.17	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
50-32-8	Benzo(a)pyrene	ND		"	4.97	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
205-99-2	Benzo(b)fluoranthene	ND		"	4.23	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
191-24-2	Benzo(g,h,i)perylene	ND		"	4.26	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 10B0508-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Water	February 15, 2010 3:00 pm	02/17/2010

Semi-Volatiles, 8270 Target List

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	3.54	5.13	1	EPA SW-846 8270C	02/18/2010 12:31	02/18/2010 23:55	"
100-51-6	Benzyl alcohol	ND		"	4.10	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
85-68-7	Benzyl butyl phthalate	ND		"	2.36	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
111-91-1	Bis(2-chloroethoxy)methane	ND		"	4.97	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
111-44-4	Bis(2-chloroethyl)ether	ND		"	4.23	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
108-60-1	Bis(2-chloroisopropyl)ether	ND		"	4.26	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
117-81-7	Bis(2-ethylhexyl)phthalate	ND		"	2.64	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
218-01-9	Chrysene	ND		"	4.26	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
53-70-3	Dibenzo(a,h)anthracene	ND		"	3.18	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
132-64-9	Dibenzofuran	ND		"	2.97	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
84-66-2	Diethyl phthalate	ND		"	2.26	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
131-11-3	Dimethyl phthalate	ND		"	4.97	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
84-74-2	Di-n-butyl phthalate	ND		"	4.23	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
117-84-0	Di-n-octyl phthalate	ND		"	4.26	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
206-44-0	Fluoranthene	ND		"	1.64	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
86-73-7	Fluorene	ND		"	3.31	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
118-74-1	Hexachlorobenzene	ND		"	3.03	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
87-68-3	Hexachlorobutadiene	ND		"	3.39	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
77-47-4	Hexachlorocyclopentadiene	ND		"	3.53	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
67-72-1	Hexachloroethane	ND		"	3.72	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
193-39-5	Indeno(1,2,3-cd)pyrene	ND		"	2.82	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
78-59-1	Isophorone	ND		"	3.31	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
91-20-3	Naphthalene	ND		"	3.96	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
98-95-3	Nitrobenzene	ND		"	2.02	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
62-75-9	N-Nitrosodimethylamine	ND		"	3.18	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
621-64-7	N-nitroso-di-n-propylamine	ND		"	2.64	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
86-30-6	N-Nitrosodiphenylamine	ND		"	3.71	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
87-86-5	Pentachlorophenol	ND		"	3.86	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
85-01-8	Phenanthrene	ND		"	3.70	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
108-95-2	Phenol	ND		"	3.36	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
129-00-0	Pyrene	ND		"	2.43	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"
110-86-1	Pyridine	ND		"	3.27	5.13	"	"	02/18/2010 12:31	02/18/2010 23:55	"

Sample Information

Client Sample ID: MW-10 **York Sample ID:** 10B0508-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Water	February 15, 2010 3:00 pm	02/17/2010

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	02/19/2010 23:31	02/19/2010 23:31	SS
71-55-6	1,1,1-Trichloroethane	ND		"	0.95	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
79-34-5	1,1,2,2-Tetrachloroethane	ND		"	0.57	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		"	0.60	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
79-00-5	1,1,2-Trichloroethane	ND		"	0.61	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
75-34-3	1,1-Dichloroethane	ND		"	0.69	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
75-35-4	1,1-Dichloroethylene	ND		"	1.3	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
563-58-6	1,1-Dichloropropylene	ND		"	0.43	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
87-61-6	1,2,3-Trichlorobenzene	ND		"	0.37	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
96-18-4	1,2,3-Trichloropropane	ND		"	1.1	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
120-82-1	1,2,4-Trichlorobenzene	ND		"	0.48	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
95-63-6	1,2,4-Trimethylbenzene	ND		"	0.53	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
96-12-8	1,2-Dibromo-3-chloropropane	ND		"	1.3	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
106-93-4	1,2-Dibromoethane	ND		"	0.68	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
95-50-1	1,2-Dichlorobenzene	ND		"	0.59	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
107-06-2	1,2-Dichloroethane	ND		"	0.65	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
78-87-5	1,2-Dichloropropane	ND		"	0.22	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
108-67-8	1,3,5-Trimethylbenzene	ND		"	0.37	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
541-73-1	1,3-Dichlorobenzene	ND		"	0.47	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
142-28-9	1,3-Dichloropropane	ND		"	0.69	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
106-46-7	1,4-Dichlorobenzene	ND		"	0.68	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
594-20-7	2,2-Dichloropropane	ND		"	0.96	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
95-49-8	2-Chlorotoluene	ND		"	0.49	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
106-43-4	4-Chlorotoluene	ND		"	0.49	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
71-43-2	Benzene	ND		"	0.48	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
108-86-1	Bromobenzene	ND		"	0.61	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
74-97-5	Bromochloromethane	ND		"	1.3	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
75-27-4	Bromodichloromethane	ND		"	0.62	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
75-25-2	Bromoform	ND		"	0.58	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
74-83-9	Bromomethane	ND		"	1.2	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
56-23-5	Carbon tetrachloride	ND		"	1.0	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
108-90-7	Chlorobenzene	ND		"	0.35	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
75-00-3	Chloroethane	ND		"	0.76	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
67-66-3	Chloroform	ND		"	0.36	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"

Sample Information

Client Sample ID: MW-10 **York Sample ID:** 10B0508-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Water	February 15, 2010 3:00 pm	02/17/2010

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	02/19/2010 23:31	02/19/2010 23:31	"
156-59-2	cis-1,2-Dichloroethylene	ND		"	0.96	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
10061-01-5	cis-1,3-Dichloropropylene	ND		"	0.35	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
124-48-1	Dibromochloromethane	ND		"	0.67	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
74-95-3	Dibromomethane	ND		"	1.3	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
87-68-3	Dichlorodifluoromethane	ND		"	0.83	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
100-41-4	Ethyl Benzene	ND		"	0.35	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
87-68-3	Hexachlorobutadiene	ND		"	0.43	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
98-82-8	Isopropylbenzene	ND		"	0.39	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		"	0.38	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
75-09-2	**Methylene chloride**	**3.4**	B, J	"	1.1	10	"	"	02/19/2010 23:31	02/19/2010 23:31	"
91-20-3	Naphthalene	ND		"	0.50	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
104-51-8	n-Butylbenzene	ND		"	0.32	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
103-65-1	n-Propylbenzene	ND		"	0.58	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
95-47-6	o-Xylene	ND		"	0.50	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
1330-20-7P/M	p- & m- Xylenes	ND		"	0.55	10	"	"	02/19/2010 23:31	02/19/2010 23:31	"
99-87-6	p-Isopropyltoluene	ND		"	0.25	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
135-98-8	sec-Butylbenzene	ND		"	0.52	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
100-42-5	Styrene	ND		"	0.43	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
98-06-6	tert-Butylbenzene	ND		"	0.46	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
127-18-4	Tetrachloroethylene	ND		"	0.52	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
108-88-3	Toluene	ND		"	0.23	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
156-60-5	trans-1,2-Dichloroethylene	ND		"	0.65	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
10061-02-6	trans-1,3-Dichloropropylene	ND		"	0.68	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
79-01-6	**Trichloroethylene**	**1.1**	J	"	0.57	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
75-69-4	Trichlorofluoromethane	ND		"	0.91	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"
75-01-4	Vinyl Chloride	ND		"	0.97	5.0	"	"	02/19/2010 23:31	02/19/2010 23:31	"

Sample Information

Client Sample ID: MW-10 **York Sample ID:** 10B0508-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Water	February 15, 2010 3:00 pm	02/17/2010

Semi-Volatiles, 8270 Target List

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.35	5.13	1	EPA SW-846 8270C	02/18/2010 12:31	02/19/2010 00:30	TD
95-50-1	1,2-Dichlorobenzene	ND		"	1.68	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
541-73-1	1,3-Dichlorobenzene	ND		"	2.82	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
106-46-7	1,4-Dichlorobenzene	ND		"	3.31	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
95-95-4	2,4,5-Trichlorophenol	ND		"	3.70	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
88-06-2	2,4,6-Trichlorophenol	ND		"	3.36	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
120-83-2	2,4-Dichlorophenol	ND		"	3.17	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
105-67-9	2,4-Dimethylphenol	ND		"	3.78	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
51-28-5	2,4-Dinitrophenol	ND		"	9.85	10.3	"	"	02/18/2010 12:31	02/19/2010 00:30	"
121-14-2	2,4-Dinitrotoluene	ND		"	2.43	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
606-20-2	2,6-Dinitrotoluene	ND		"	3.60	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
91-58-7	2-Chloronaphthalene	ND		"	3.58	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
95-57-8	2-Chlorophenol	ND		"	3.50	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
91-57-6	2-Methylnaphthalene	ND		"	3.15	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
95-48-7	2-Methylphenol	ND		"	0.879	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
88-74-4	2-Nitroaniline	ND		"	3.08	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
88-75-5	2-Nitrophenol	ND		"	3.18	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
91-94-1	3,3'-Dichlorobenzidine	ND		"	3.60	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
99-09-2	3-Nitroaniline	ND		"	1.64	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
534-52-1	4,6-Dinitro-2-methylphenol	ND		"	6.87	10.3	"	"	02/18/2010 12:31	02/19/2010 00:30	"
101-55-3	4-Bromophenyl phenyl ether	ND		"	3.53	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
59-50-7	4-Chloro-3-methylphenol	ND		"	3.72	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
106-47-8	4-Chloroaniline	ND		"	3.84	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
7005-72-3	4-Chlorophenyl phenyl ether	ND		"	3.20	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
100-01-6	4-Methylphenol	ND		"	3.81	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
100-02-7	4-Nitroaniline	ND		"	3.87	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
56-57-5	4-Nitrophenol	ND		"	4.04	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
83-32-9	Acenaphthene	ND		"	3.32	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
208-96-8	Acenaphthylene	ND		"	4.38	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
62-53-3	Aniline	ND		"	2.02	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
120-12-7	Anthracene	ND		"	3.75	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
56-55-3	Benzo(a)anthracene	ND		"	4.17	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
50-32-8	Benzo(a)pyrene	ND		"	4.97	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
205-99-2	Benzo(b)fluoranthene	ND		"	4.23	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
191-24-2	Benzo(g,h,i)perylene	ND		"	4.26	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"

Sample Information

Client Sample ID: MW-10 **York Sample ID:** 10B0508-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Water	February 15, 2010 3:00 pm	02/17/2010

Semi-Volatiles, 8270 Target List

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	3.54	5.13	1	EPA SW-846 8270C	02/18/2010 12:31	02/19/2010 00:30	"
100-51-6	Benzyl alcohol	ND		"	4.10	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
85-68-7	Benzyl butyl phthalate	ND		"	2.36	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
111-91-1	Bis(2-chloroethoxy)methane	ND		"	4.97	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
111-44-4	Bis(2-chloroethyl)ether	ND		"	4.23	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
108-60-1	Bis(2-chloroisopropyl)ether	ND		"	4.26	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
117-81-7	Bis(2-ethylhexyl)phthalate	ND		"	2.64	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
218-01-9	Chrysene	ND		"	4.26	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
53-70-3	Dibenzo(a,h)anthracene	ND		"	3.18	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
132-64-9	Dibenzofuran	ND		"	2.97	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
84-66-2	Diethyl phthalate	ND		"	2.26	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
131-11-3	Dimethyl phthalate	ND		"	4.97	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
84-74-2	Di-n-butyl phthalate	ND		"	4.23	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
117-84-0	Di-n-octyl phthalate	ND		"	4.26	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
206-44-0	Fluoranthene	ND		"	1.64	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
86-73-7	Fluorene	ND		"	3.31	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
118-74-1	Hexachlorobenzene	ND		"	3.03	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
87-68-3	Hexachlorobutadiene	ND		"	3.39	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
77-47-4	Hexachlorocyclopentadiene	ND		"	3.53	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
67-72-1	Hexachloroethane	ND		"	3.72	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
193-39-5	Indeno(1,2,3-cd)pyrene	ND		"	2.82	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
78-59-1	Isophorone	ND		"	3.31	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
91-20-3	Naphthalene	ND		"	3.96	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
98-95-3	Nitrobenzene	ND		"	2.02	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
62-75-9	N-Nitrosodimethylamine	ND		"	3.18	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
621-64-7	N-nitroso-di-n-propylamine	ND		"	2.64	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
86-30-6	N-Nitrosodiphenylamine	ND		"	3.71	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
87-86-5	Pentachlorophenol	ND		"	3.86	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
85-01-8	Phenanthrene	ND		"	3.70	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
108-95-2	Phenol	ND		"	3.36	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
129-00-0	Pyrene	ND		"	2.43	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"
110-86-1	Pyridine	ND		"	3.27	5.13	"	"	02/18/2010 12:31	02/19/2010 00:30	"

Sample Information

Client Sample ID: MW-12 **York Sample ID:** 10B0508-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Water	February 15, 2010 3:00 pm	02/17/2010

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	02/20/2010 00:05	02/20/2010 00:05	SS
71-55-6	1,1,1-Trichloroethane	ND		"	0.95	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
79-34-5	1,1,2,2-Tetrachloroethane	ND		"	0.57	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		"	0.60	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
79-00-5	1,1,2-Trichloroethane	ND		"	0.61	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
75-34-3	1,1-Dichloroethane	ND		"	0.69	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
75-35-4	1,1-Dichloroethylene	ND		"	1.3	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
563-58-6	1,1-Dichloropropylene	ND		"	0.43	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
87-61-6	1,2,3-Trichlorobenzene	ND		"	0.37	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
96-18-4	1,2,3-Trichloropropane	ND		"	1.1	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
120-82-1	1,2,4-Trichlorobenzene	ND		"	0.48	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
95-63-6	1,2,4-Trimethylbenzene	ND		"	0.53	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
96-12-8	1,2-Dibromo-3-chloropropane	ND		"	1.3	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
106-93-4	1,2-Dibromoethane	ND		"	0.68	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
95-50-1	1,2-Dichlorobenzene	ND		"	0.59	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
107-06-2	1,2-Dichloroethane	ND		"	0.65	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
78-87-5	1,2-Dichloropropane	ND		"	0.22	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
108-67-8	1,3,5-Trimethylbenzene	ND		"	0.37	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
541-73-1	1,3-Dichlorobenzene	ND		"	0.47	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
142-28-9	1,3-Dichloropropane	ND		"	0.69	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
106-46-7	1,4-Dichlorobenzene	ND		"	0.68	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
594-20-7	2,2-Dichloropropane	ND		"	0.96	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
95-49-8	2-Chlorotoluene	ND		"	0.49	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
106-43-4	4-Chlorotoluene	ND		"	0.49	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
71-43-2	Benzene	ND		"	0.48	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
108-86-1	Bromobenzene	ND		"	0.61	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
74-97-5	Bromochloromethane	ND		"	1.3	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
75-27-4	Bromodichloromethane	ND		"	0.62	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
75-25-2	Bromoform	ND		"	0.58	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
74-83-9	Bromomethane	ND		"	1.2	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
56-23-5	Carbon tetrachloride	ND		"	1.0	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
108-90-7	Chlorobenzene	ND		"	0.35	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
75-00-3	Chloroethane	ND		"	0.76	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
67-66-3	Chloroform	ND		"	0.36	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"

Sample Information

Client Sample ID: MW-12 **York Sample ID:** 10B0508-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Water	February 15, 2010 3:00 pm	02/17/2010

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	02/20/2010 00:05	02/20/2010 00:05	"
156-59-2	cis-1,2-Dichloroethylene	ND		"	0.96	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
10061-01-5	cis-1,3-Dichloropropylene	ND		"	0.35	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
124-48-1	Dibromochloromethane	ND		"	0.67	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
74-95-3	Dibromomethane	ND		"	1.3	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
87-68-3	Dichlorodifluoromethane	ND		"	0.83	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
100-41-4	Ethyl Benzene	ND		"	0.35	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
87-68-3	Hexachlorobutadiene	ND		"	0.43	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
98-82-8	Isopropylbenzene	ND		"	0.39	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		"	0.38	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
75-09-2	**Methylene chloride**	**3.0**	B, J	"	1.1	10	"	"	02/20/2010 00:05	02/20/2010 00:05	"
91-20-3	Naphthalene	ND		"	0.50	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
104-51-8	n-Butylbenzene	ND		"	0.32	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
103-65-1	n-Propylbenzene	ND		"	0.58	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
95-47-6	o-Xylene	ND		"	0.50	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
1330-20-7P/M	p- & m- Xylenes	ND		"	0.55	10	"	"	02/20/2010 00:05	02/20/2010 00:05	"
99-87-6	p-Isopropyltoluene	ND		"	0.25	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
135-98-8	sec-Butylbenzene	ND		"	0.52	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
100-42-5	Styrene	ND		"	0.43	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
98-06-6	tert-Butylbenzene	ND		"	0.46	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
127-18-4	Tetrachloroethylene	ND		"	0.52	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
108-88-3	Toluene	ND		"	0.23	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
156-60-5	trans-1,2-Dichloroethylene	ND		"	0.65	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
10061-02-6	trans-1,3-Dichloropropylene	ND		"	0.68	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
79-01-6	**Trichloroethylene**	**2.5**	J	"	0.57	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
75-69-4	Trichlorofluoromethane	ND		"	0.91	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"
75-01-4	Vinyl Chloride	ND		"	0.97	5.0	"	"	02/20/2010 00:05	02/20/2010 00:05	"

Sample Information

Client Sample ID: MW-12 **York Sample ID:** 10B0508-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Water	February 15, 2010 3:00 pm	02/17/2010

Semi-Volatiles, 8270 Target List

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.35	5.13	1	EPA SW-846 8270C	02/18/2010 12:31	02/19/2010 01:04	TD
95-50-1	1,2-Dichlorobenzene	ND		"	1.68	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
541-73-1	1,3-Dichlorobenzene	ND		"	2.82	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
106-46-7	1,4-Dichlorobenzene	ND		"	3.31	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
95-95-4	2,4,5-Trichlorophenol	ND		"	3.70	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
88-06-2	2,4,6-Trichlorophenol	ND		"	3.36	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
120-83-2	2,4-Dichlorophenol	ND		"	3.17	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
105-67-9	2,4-Dimethylphenol	ND		"	3.78	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
51-28-5	2,4-Dinitrophenol	ND		"	9.85	10.3	"	"	02/18/2010 12:31	02/19/2010 01:04	"
121-14-2	2,4-Dinitrotoluene	ND		"	2.43	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
606-20-2	2,6-Dinitrotoluene	ND		"	3.60	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
91-58-7	2-Chloronaphthalene	ND		"	3.58	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
95-57-8	2-Chlorophenol	ND		"	3.50	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
91-57-6	2-Methylnaphthalene	ND		"	3.15	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
95-48-7	2-Methylphenol	ND		"	0.879	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
88-74-4	2-Nitroaniline	ND		"	3.08	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
88-75-5	2-Nitrophenol	ND		"	3.18	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
91-94-1	3,3'-Dichlorobenzidine	ND		"	3.60	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
99-09-2	3-Nitroaniline	ND		"	1.64	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
534-52-1	4,6-Dinitro-2-methylphenol	ND		"	6.87	10.3	"	"	02/18/2010 12:31	02/19/2010 01:04	"
101-55-3	4-Bromophenyl phenyl ether	ND		"	3.53	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
59-50-7	4-Chloro-3-methylphenol	ND		"	3.72	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
106-47-8	4-Chloroaniline	ND		"	3.84	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
7005-72-3	4-Chlorophenyl phenyl ether	ND		"	3.20	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
100-01-6	4-Methylphenol	ND		"	3.81	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
100-02-7	4-Nitroaniline	ND		"	3.87	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
56-57-5	4-Nitrophenol	ND		"	4.04	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
83-32-9	Acenaphthene	ND		"	3.32	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
208-96-8	Acenaphthylene	ND		"	4.38	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
62-53-3	Aniline	ND		"	2.02	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
120-12-7	Anthracene	ND		"	3.75	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
56-55-3	Benzo(a)anthracene	ND		"	4.17	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
50-32-8	Benzo(a)pyrene	ND		"	4.97	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
205-99-2	Benzo(b)fluoranthene	ND		"	4.23	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
191-24-2	Benzo(g,h,i)perylene	ND		"	4.26	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"

Sample Information

Client Sample ID: MW-12 **York Sample ID:** 10B0508-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Water	February 15, 2010 3:00 pm	02/17/2010

Semi-Volatiles, 8270 Target List

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	3.54	5.13	1	EPA SW-846 8270C	02/18/2010 12:31	02/19/2010 01:04	"
100-51-6	Benzyl alcohol	ND		"	4.10	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
85-68-7	Benzyl butyl phthalate	ND		"	2.36	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
111-91-1	Bis(2-chloroethoxy)methane	ND		"	4.97	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
111-44-4	Bis(2-chloroethyl)ether	ND		"	4.23	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
108-60-1	Bis(2-chloroisopropyl)ether	ND		"	4.26	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
117-81-7	Bis(2-ethylhexyl)phthalate	ND		"	2.64	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
218-01-9	Chrysene	ND		"	4.26	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
53-70-3	Dibenzo(a,h)anthracene	ND		"	3.18	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
132-64-9	Dibenzofuran	ND		"	2.97	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
84-66-2	Diethyl phthalate	ND		"	2.26	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
131-11-3	Dimethyl phthalate	ND		"	4.97	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
84-74-2	Di-n-butyl phthalate	ND		"	4.23	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
117-84-0	Di-n-octyl phthalate	ND		"	4.26	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
206-44-0	Fluoranthene	ND		"	1.64	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
86-73-7	Fluorene	ND		"	3.31	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
118-74-1	Hexachlorobenzene	ND		"	3.03	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
87-68-3	Hexachlorobutadiene	ND		"	3.39	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
77-47-4	Hexachlorocyclopentadiene	ND		"	3.53	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
67-72-1	Hexachloroethane	ND		"	3.72	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
193-39-5	Indeno(1,2,3-cd)pyrene	ND		"	2.82	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
78-59-1	Isophorone	ND		"	3.31	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
91-20-3	Naphthalene	ND		"	3.96	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
98-95-3	Nitrobenzene	ND		"	2.02	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
62-75-9	N-Nitrosodimethylamine	ND		"	3.18	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
621-64-7	N-nitroso-di-n-propylamine	ND		"	2.64	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
86-30-6	N-Nitrosodiphenylamine	ND		"	3.71	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
87-86-5	Pentachlorophenol	ND		"	3.86	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
85-01-8	Phenanthrene	ND		"	3.70	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
108-95-2	Phenol	ND		"	3.36	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
129-00-0	Pyrene	ND		"	2.43	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"
110-86-1	Pyridine	ND		"	3.27	5.13	"	"	02/18/2010 12:31	02/19/2010 01:04	"

Sample Information

Client Sample ID: MW-13 **York Sample ID:** 10B0508-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Water	February 15, 2010 3:00 pm	02/17/2010

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	02/20/2010 00:40	02/20/2010 00:40	SS
71-55-6	1,1,1-Trichloroethane	ND		"	0.95	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
79-34-5	1,1,2,2-Tetrachloroethane	ND		"	0.57	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		"	0.60	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
79-00-5	1,1,2-Trichloroethane	ND		"	0.61	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
75-34-3	1,1-Dichloroethane	ND		"	0.69	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
75-35-4	1,1-Dichloroethylene	ND		"	1.3	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
563-58-6	1,1-Dichloropropylene	ND		"	0.43	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
87-61-6	1,2,3-Trichlorobenzene	ND		"	0.37	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
96-18-4	1,2,3-Trichloropropane	ND		"	1.1	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
120-82-1	1,2,4-Trichlorobenzene	ND		"	0.48	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
95-63-6	1,2,4-Trimethylbenzene	ND		"	0.53	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
96-12-8	1,2-Dibromo-3-chloropropane	ND		"	1.3	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
106-93-4	1,2-Dibromoethane	ND		"	0.68	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
95-50-1	1,2-Dichlorobenzene	ND		"	0.59	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
107-06-2	1,2-Dichloroethane	ND		"	0.65	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
78-87-5	1,2-Dichloropropane	ND		"	0.22	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
108-67-8	1,3,5-Trimethylbenzene	ND		"	0.37	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
541-73-1	1,3-Dichlorobenzene	ND		"	0.47	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
142-28-9	1,3-Dichloropropane	ND		"	0.69	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
106-46-7	1,4-Dichlorobenzene	ND		"	0.68	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
594-20-7	2,2-Dichloropropane	ND		"	0.96	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
95-49-8	2-Chlorotoluene	ND		"	0.49	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
106-43-4	4-Chlorotoluene	ND		"	0.49	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
71-43-2	Benzene	ND		"	0.48	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
108-86-1	Bromobenzene	ND		"	0.61	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
74-97-5	Bromochloromethane	ND		"	1.3	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
75-27-4	Bromodichloromethane	ND		"	0.62	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
75-25-2	Bromoform	ND		"	0.58	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
74-83-9	Bromomethane	ND		"	1.2	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
56-23-5	Carbon tetrachloride	ND		"	1.0	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
108-90-7	Chlorobenzene	ND		"	0.35	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
75-00-3	Chloroethane	ND		"	0.76	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
67-66-3	Chloroform	ND		"	0.36	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"

Sample Information

Client Sample ID: MW-13 **York Sample ID:** 10B0508-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Water	February 15, 2010 3:00 pm	02/17/2010

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	02/20/2010 00:40	02/20/2010 00:40	"
156-59-2	cis-1,2-Dichloroethylene	ND		"	0.96	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
10061-01-5	cis-1,3-Dichloropropylene	ND		"	0.35	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
124-48-1	Dibromochloromethane	ND		"	0.67	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
74-95-3	Dibromomethane	ND		"	1.3	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
87-68-3	Dichlorodifluoromethane	ND		"	0.83	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
100-41-4	Ethyl Benzene	ND		"	0.35	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
87-68-3	Hexachlorobutadiene	ND		"	0.43	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
98-82-8	Isopropylbenzene	ND		"	0.39	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		"	0.38	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
75-09-2	**Methylene chloride**	**3.9**	B, J	"	1.1	10	"	"	02/20/2010 00:40	02/20/2010 00:40	"
91-20-3	Naphthalene	ND		"	0.50	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
104-51-8	n-Butylbenzene	ND		"	0.32	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
103-65-1	n-Propylbenzene	ND		"	0.58	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
95-47-6	o-Xylene	ND		"	0.50	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
1330-20-7P/M	p- & m- Xylenes	ND		"	0.55	10	"	"	02/20/2010 00:40	02/20/2010 00:40	"
99-87-6	p-Isopropyltoluene	ND		"	0.25	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
135-98-8	sec-Butylbenzene	ND		"	0.52	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
100-42-5	Styrene	ND		"	0.43	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
98-06-6	tert-Butylbenzene	ND		"	0.46	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
127-18-4	Tetrachloroethylene	ND		"	0.52	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
108-88-3	Toluene	ND		"	0.23	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
156-60-5	trans-1,2-Dichloroethylene	ND		"	0.65	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
10061-02-6	trans-1,3-Dichloropropylene	ND		"	0.68	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
79-01-6	**Trichloroethylene**	**15**		"	0.57	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
75-69-4	Trichlorofluoromethane	ND		"	0.91	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"
75-01-4	Vinyl Chloride	ND		"	0.97	5.0	"	"	02/20/2010 00:40	02/20/2010 00:40	"

Sample Information

Client Sample ID: MW-13 **York Sample ID:** 10B0508-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Water	February 15, 2010 3:00 pm	02/17/2010

Semi-Volatiles, 8270 Target List

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.42	5.41	1	EPA SW-846 8270C	02/18/2010 12:31	02/19/2010 02:12	TD
95-50-1	1,2-Dichlorobenzene	ND		"	1.77	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
541-73-1	1,3-Dichlorobenzene	ND		"	2.97	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
106-46-7	1,4-Dichlorobenzene	ND		"	3.49	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
95-95-4	2,4,5-Trichlorophenol	ND		"	3.90	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
88-06-2	2,4,6-Trichlorophenol	ND		"	3.54	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
120-83-2	2,4-Dichlorophenol	ND		"	3.34	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
105-67-9	2,4-Dimethylphenol	ND		"	3.98	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
51-28-5	2,4-Dinitrophenol	ND		"	10.4	10.8	"	"	02/18/2010 12:31	02/19/2010 02:12	"
121-14-2	2,4-Dinitrotoluene	ND		"	2.56	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
606-20-2	2,6-Dinitrotoluene	ND		"	3.79	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
91-58-7	2-Chloronaphthalene	ND		"	3.77	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
95-57-8	2-Chlorophenol	ND		"	3.69	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
91-57-6	2-Methylnaphthalene	ND		"	3.32	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
95-48-7	2-Methylphenol	ND		"	0.927	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
88-74-4	2-Nitroaniline	ND		"	3.25	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
88-75-5	2-Nitrophenol	ND		"	3.35	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
91-94-1	3,3'-Dichlorobenzidine	ND		"	3.80	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
99-09-2	3-Nitroaniline	ND		"	1.72	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
534-52-1	4,6-Dinitro-2-methylphenol	ND		"	7.24	10.8	"	"	02/18/2010 12:31	02/19/2010 02:12	"
101-55-3	4-Bromophenyl phenyl ether	ND		"	3.73	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
59-50-7	4-Chloro-3-methylphenol	ND		"	3.92	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
106-47-8	4-Chloroaniline	ND		"	4.04	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
7005-72-3	4-Chlorophenyl phenyl ether	ND		"	3.37	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
100-01-6	4-Methylphenol	ND		"	4.02	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
100-02-7	4-Nitroaniline	ND		"	4.07	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
56-57-5	4-Nitrophenol	ND		"	4.26	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
83-32-9	Acenaphthene	ND		"	3.50	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
208-96-8	Acenaphthylene	ND		"	4.62	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
62-53-3	Aniline	ND		"	2.13	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
120-12-7	Anthracene	ND		"	3.96	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
56-55-3	Benzo(a)anthracene	ND		"	4.40	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
50-32-8	Benzo(a)pyrene	ND		"	5.24	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
205-99-2	Benzo(b)fluoranthene	ND		"	4.45	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
191-24-2	Benzo(g,h,i)perylene	ND		"	4.49	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"

Sample Information

Client Sample ID: MW-13 **York Sample ID:** 10B0508-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Water	February 15, 2010 3:00 pm	02/17/2010

Semi-Volatiles, 8270 Target List

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	3.74	5.41	1	EPA SW-846 8270C	02/18/2010 12:31	02/19/2010 02:12	"
100-51-6	Benzyl alcohol	ND		"	4.32	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
85-68-7	Benzyl butyl phthalate	ND		"	2.49	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
111-91-1	Bis(2-chloroethoxy)methane	ND		"	5.24	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
111-44-4	Bis(2-chloroethyl)ether	ND		"	4.45	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
108-60-1	Bis(2-chloroisopropyl)ether	ND		"	4.49	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
117-81-7	**Bis(2-ethylhexyl)phthalate**	**3.57**	J	"	2.78	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
218-01-9	Chrysene	ND		"	4.49	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
53-70-3	Dibenzo(a,h)anthracene	ND		"	3.35	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
132-64-9	Dibenzofuran	ND		"	3.14	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
84-66-2	Diethyl phthalate	ND		"	2.38	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
131-11-3	Dimethyl phthalate	ND		"	5.24	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
84-74-2	Di-n-butyl phthalate	ND		"	4.45	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
117-84-0	Di-n-octyl phthalate	ND		"	4.49	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
206-44-0	Fluoranthene	ND		"	1.72	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
86-73-7	Fluorene	ND		"	3.49	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
118-74-1	Hexachlorobenzene	ND		"	3.20	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
87-68-3	Hexachlorobutadiene	ND		"	3.58	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
77-47-4	Hexachlorocyclopentadiene	ND		"	3.73	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
67-72-1	Hexachloroethane	ND		"	3.92	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
193-39-5	Indeno(1,2,3-cd)pyrene	ND		"	2.97	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
78-59-1	Isophorone	ND		"	3.49	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
91-20-3	Naphthalene	ND		"	4.18	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
98-95-3	Nitrobenzene	ND		"	2.13	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
62-75-9	N-Nitrosodimethylamine	ND		"	3.35	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
621-64-7	N-nitroso-di-n-propylamine	ND		"	2.78	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
86-30-6	N-Nitrosodiphenylamine	ND		"	3.91	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
87-86-5	Pentachlorophenol	ND		"	4.07	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
85-01-8	Phenanthrene	ND		"	3.90	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
108-95-2	Phenol	ND		"	3.54	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
129-00-0	Pyrene	ND		"	2.56	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"
110-86-1	Pyridine	ND		"	3.44	5.41	"	"	02/18/2010 12:31	02/19/2010 02:12	"

Sample Information

Client Sample ID: MW-14 **York Sample ID:** 10B0508-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Water	February 15, 2010 3:00 pm	02/17/2010

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	02/20/2010 01:14	02/20/2010 01:14	SS
71-55-6	1,1,1-Trichloroethane	ND		"	0.95	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
79-34-5	1,1,2,2-Tetrachloroethane	ND		"	0.57	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		"	0.60	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
79-00-5	1,1,2-Trichloroethane	ND		"	0.61	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
75-34-3	1,1-Dichloroethane	ND		"	0.69	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
75-35-4	1,1-Dichloroethylene	ND		"	1.3	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
563-58-6	1,1-Dichloropropylene	ND		"	0.43	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
87-61-6	1,2,3-Trichlorobenzene	ND		"	0.37	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
96-18-4	1,2,3-Trichloropropane	ND		"	1.1	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
120-82-1	1,2,4-Trichlorobenzene	ND		"	0.48	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
95-63-6	1,2,4-Trimethylbenzene	ND		"	0.53	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
96-12-8	1,2-Dibromo-3-chloropropane	ND		"	1.3	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
106-93-4	1,2-Dibromoethane	ND		"	0.68	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
95-50-1	1,2-Dichlorobenzene	ND		"	0.59	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
107-06-2	1,2-Dichloroethane	ND		"	0.65	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
78-87-5	1,2-Dichloropropane	ND		"	0.22	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
108-67-8	1,3,5-Trimethylbenzene	ND		"	0.37	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
541-73-1	1,3-Dichlorobenzene	ND		"	0.47	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
142-28-9	1,3-Dichloropropane	ND		"	0.69	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
106-46-7	1,4-Dichlorobenzene	ND		"	0.68	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
594-20-7	2,2-Dichloropropane	ND		"	0.96	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
95-49-8	2-Chlorotoluene	ND		"	0.49	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
106-43-4	4-Chlorotoluene	ND		"	0.49	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
71-43-2	Benzene	ND		"	0.48	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
108-86-1	Bromobenzene	ND		"	0.61	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
74-97-5	Bromochloromethane	ND		"	1.3	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
75-27-4	Bromodichloromethane	ND		"	0.62	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
75-25-2	Bromoform	ND		"	0.58	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
74-83-9	Bromomethane	ND		"	1.2	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
56-23-5	Carbon tetrachloride	ND		"	1.0	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
108-90-7	Chlorobenzene	ND		"	0.35	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
75-00-3	Chloroethane	ND		"	0.76	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
67-66-3	Chloroform	ND		"	0.36	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"

Sample Information

Client Sample ID: MW-14 **York Sample ID:** 10B0508-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Water	February 15, 2010 3:00 pm	02/17/2010

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	02/20/2010 01:14	02/20/2010 01:14	"
156-59-2	cis-1,2-Dichloroethylene	ND		"	0.96	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
10061-01-5	cis-1,3-Dichloropropylene	ND		"	0.35	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
124-48-1	Dibromochloromethane	ND		"	0.67	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
74-95-3	Dibromomethane	ND		"	1.3	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
87-68-3	Dichlorodifluoromethane	ND		"	0.83	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
100-41-4	Ethyl Benzene	ND		"	0.35	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
87-68-3	Hexachlorobutadiene	ND		"	0.43	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
98-82-8	Isopropylbenzene	ND		"	0.39	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		"	0.38	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
75-09-2	**Methylene chloride**	**3.6**	B, J	"	1.1	10	"	"	02/20/2010 01:14	02/20/2010 01:14	"
91-20-3	Naphthalene	ND		"	0.50	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
104-51-8	n-Butylbenzene	ND		"	0.32	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
103-65-1	n-Propylbenzene	ND		"	0.58	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
95-47-6	o-Xylene	ND		"	0.50	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
1330-20-7P/M	p- & m- Xylenes	ND		"	0.55	10	"	"	02/20/2010 01:14	02/20/2010 01:14	"
99-87-6	p-Isopropyltoluene	ND		"	0.25	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
135-98-8	sec-Butylbenzene	ND		"	0.52	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
100-42-5	Styrene	ND		"	0.43	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
98-06-6	tert-Butylbenzene	ND		"	0.46	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
127-18-4	Tetrachloroethylene	ND		"	0.52	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
108-88-3	Toluene	ND		"	0.23	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
156-60-5	trans-1,2-Dichloroethylene	ND		"	0.65	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
10061-02-6	trans-1,3-Dichloropropylene	ND		"	0.68	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
79-01-6	Trichloroethylene	ND		"	0.57	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
75-69-4	Trichlorofluoromethane	ND		"	0.91	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"
75-01-4	Vinyl Chloride	ND		"	0.97	5.0	"	"	02/20/2010 01:14	02/20/2010 01:14	"

Sample Information

Client Sample ID: MW-14 **York Sample ID:** 10B0508-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Water	February 15, 2010 3:00 pm	02/17/2010

Semi-Volatiles, 8270 Target List

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.46	5.56	1	EPA SW-846 8270C	02/18/2010 12:31	02/19/2010 02:46	TD
95-50-1	1,2-Dichlorobenzene	ND		"	1.82	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
541-73-1	1,3-Dichlorobenzene	ND		"	3.05	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
106-46-7	1,4-Dichlorobenzene	ND		"	3.58	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
95-95-4	2,4,5-Trichlorophenol	ND		"	4.01	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
88-06-2	2,4,6-Trichlorophenol	ND		"	3.64	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
120-83-2	2,4-Dichlorophenol	ND		"	3.43	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
105-67-9	2,4-Dimethylphenol	ND		"	4.09	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
51-28-5	2,4-Dinitrophenol	ND		"	10.7	11.1	"	"	02/18/2010 12:31	02/19/2010 02:46	"
121-14-2	2,4-Dinitrotoluene	ND		"	2.63	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
606-20-2	2,6-Dinitrotoluene	ND		"	3.90	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
91-58-7	2-Chloronaphthalene	ND		"	3.88	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
95-57-8	2-Chlorophenol	ND		"	3.80	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
91-57-6	2-Methylnaphthalene	ND		"	3.42	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
95-48-7	2-Methylphenol	ND		"	0.952	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
88-74-4	2-Nitroaniline	ND		"	3.34	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
88-75-5	2-Nitrophenol	ND		"	3.45	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
91-94-1	3,3'-Dichlorobenzidine	ND		"	3.90	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
99-09-2	3-Nitroaniline	ND		"	1.77	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
534-52-1	4,6-Dinitro-2-methylphenol	ND		"	7.44	11.1	"	"	02/18/2010 12:31	02/19/2010 02:46	"
101-55-3	4-Bromophenyl phenyl ether	ND		"	3.83	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
59-50-7	4-Chloro-3-methylphenol	ND		"	4.03	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
106-47-8	4-Chloroaniline	ND		"	4.16	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
7005-72-3	4-Chlorophenyl phenyl ether	ND		"	3.47	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
100-01-6	4-Methylphenol	ND		"	4.13	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
100-02-7	4-Nitroaniline	ND		"	4.19	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
56-57-5	4-Nitrophenol	ND		"	4.38	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
83-32-9	Acenaphthene	ND		"	3.60	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
208-96-8	Acenaphthylene	ND		"	4.75	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
62-53-3	Aniline	ND		"	2.18	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
120-12-7	Anthracene	ND		"	4.07	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
56-55-3	Benzo(a)anthracene	ND		"	4.52	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
50-32-8	Benzo(a)pyrene	ND		"	5.39	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
205-99-2	Benzo(b)fluoranthene	ND		"	4.58	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
191-24-2	Benzo(g,h,i)perylene	ND		"	4.61	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"

Sample Information

Client Sample ID: MW-14 **York Sample ID:** 10B0508-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Water	February 15, 2010 3:00 pm	02/17/2010

Semi-Volatiles, 8270 Target List

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	3.84	5.56	1	EPA SW-846 8270C	02/18/2010 12:31	02/19/2010 02:46	"
100-51-6	Benzyl alcohol	ND		"	4.44	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
85-68-7	Benzyl butyl phthalate	ND		"	2.56	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
111-91-1	Bis(2-chloroethoxy)methane	ND		"	5.39	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
111-44-4	Bis(2-chloroethyl)ether	ND		"	4.58	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
108-60-1	Bis(2-chloroisopropyl)ether	ND		"	4.61	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
117-81-7	Bis(2-ethylhexyl)phthalate	ND		"	2.86	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
218-01-9	Chrysene	ND		"	4.61	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
53-70-3	Dibenzo(a,h)anthracene	ND		"	3.44	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
132-64-9	Dibenzofuran	ND		"	3.22	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
84-66-2	Diethyl phthalate	ND		"	2.44	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
131-11-3	Dimethyl phthalate	ND		"	5.39	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
84-74-2	Di-n-butyl phthalate	ND		"	4.58	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
117-84-0	Di-n-octyl phthalate	ND		"	4.61	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
206-44-0	Fluoranthene	ND		"	1.77	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
86-73-7	Fluorene	ND		"	3.58	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
118-74-1	Hexachlorobenzene	ND		"	3.28	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
87-68-3	Hexachlorobutadiene	ND		"	3.68	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
77-47-4	Hexachlorocyclopentadiene	ND		"	3.83	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
67-72-1	Hexachloroethane	ND		"	4.03	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
193-39-5	Indeno(1,2,3-cd)pyrene	ND		"	3.05	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
78-59-1	Isophorone	ND		"	3.58	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
91-20-3	Naphthalene	ND		"	4.29	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
98-95-3	Nitrobenzene	ND		"	2.18	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
62-75-9	N-Nitrosodimethylamine	ND		"	3.45	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
621-64-7	N-nitroso-di-n-propylamine	ND		"	2.86	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
86-30-6	N-Nitrosodiphenylamine	ND		"	4.02	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
87-86-5	Pentachlorophenol	ND		"	4.18	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
85-01-8	Phenanthrene	ND		"	4.01	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
108-95-2	Phenol	ND		"	3.64	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
129-00-0	Pyrene	ND		"	2.63	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"
110-86-1	Pyridine	ND		"	3.54	5.56	"	"	02/18/2010 12:31	02/19/2010 02:46	"

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

S-AC	Acid surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two acid surrogates.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected but below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated blank as well as in the sample.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 10B0508

Client Information		Report to:		Invoice To:		Client Project ID	Turn-Around Time		Report Type/Deliverables	
Company:	Ecosystems Strategies	SAME	X	SAME			RUSH Same Day		Summary	X
Address:	24 Davis Avenue	Name:		Name:	Brenda Wells	SB09110	RUSH Next Day		QA/QC Summary	
	Poughkeepsie, NY 12603	Company:		Company:	Ecosystems Strategies		RUSH Two Day		CT RCP Pkg	
Phone no.:	(845)452-1658	Address:		Address:		Purchase Order no.	RUSH Three Day		ASP A Pkg	
Contact Person	Emery Lawson						RUSH Four Day		ASP B Pkg	
E-mail Addr.:		E-mail:		E-mail			Standard (5-7 days)	X	Excel	X
FAX No.:	(845)-485-7083	Fax No.:		Fax No.:		Samples from:CT__NY__NJ__	OTHER		EDD	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Emery Lawson
Name (printed)

Matrix Codes	
S -	soil
Other -	specify(oil, etc.)
WW -	wastewater
GW -	groundwater
DW -	drinking water
Air-A -	ambient air
Air-SV -	soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb.	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded Not Detected Limits	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW-3	2/15/2010	GW	VOCs (8260 full), SVOCs (8270)	2, 40ml vials and Amber Liters
MW-10	2/15/2010	GW	VOCs (8260 full), SVOCs (8270)	2, 40ml vials and Amber Liters
MW-12	2/15/2010	GW	VOCs (8260 full), SVOCs (8270)	2, 40ml vials and Amber Liters
MW-13	2/15/2010	GW	VOCs (8260 full), SVOCs (8270)	2, 40ml vials and Amber Liters
MW-14	2/15/2010	GW	VOCs (8260 full), SVOCs (8270)	2, 40ml vials and Amber
RW-7	2/16/2010	Other - Free Product	SVOCs (Phthalates, USEPA 8270 Selected Ion Monitoring)	8 oz jar

Comments

Preservation "X" those applicable: 4°C ____ HNO3 ____ H2SO4 ____ NaOH ____ NONE ____ FROZEN ____

Samples Relinquished By — Date/Time 2/17/10 3:05

Samples Received By — Date/Time 2-17-10 15:00

Samples Relinquished By — Date/Time

Samples Received in LAB by — Date/Time 2/17/10-1700

Temperature on Receipt 3.6 °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

March 31, 2010

Emery Lawson, Project Manager
Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603

Dear Ms. Lawson:

Included are the results from the testing of material submitted on February 25, 2010 from the 49 Dupont Street/SB09110, F&BI 002242 project. The product samples submitted for forensic evaluation arrived in good condition. Upon arrival, the samples RW-12 and MW-4 were placed in a refrigerator maintained at 4°C until removed for sample processing.

The samples RW-12 and MW-4 were diluted and analyzed for semivolatile organic compounds with library search using a gas chromatograph fitted with a mass spectrometer (GC/MS). The results of this testing are enclosed.

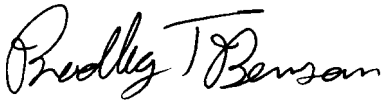
Review of the GC/MS results generated shows that the majority of material present in the samples RW-12 and MW-4 is consistent with carboxylic acid esters. Phthalates are in the class of compounds known as carboxylic acid esters.

In addition, review of the GC/MS results generated shows that the sample RW-12 also contains material which appears to be a high boiling petroleum based oil. Selective ion monitoring was performed on this sample to determine if this oil is paraffinic or naphthenic in nature. Review of the data generated shows that this sample contains a prominent pattern of material with a M/Z ratio of 43, 57, 71, and 85. These ions are consistent with paraffinic material.

Please contact us if additional consultation is needed by our firm in the interpretation of the analytical results provided. We appreciate this opportunity to be of service to you and hope you will call if you should have any questions. We will hold your samples for 30 days before disposal unless directed otherwise.

Sincerely,

FRIEDMAN & BRUYA, INC.



Bradley T. Benson
Chemist

Enclosures
mcp/BTB
NAA0331R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

GC/MS Library Search Compound Report By EPA Method 8270D

Client Sample ID:	RW-12	Client:	Ecosystems Strategies, Inc.
Date Received:	02/25/10	Project:	49 Dupont Street, F&BI 002242
Date Extracted:	03/02/10	Lab ID:	002242-01 1/100
Date Analyzed:	03/02/10	Data File:	030213.D
Matrix:	Product	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Tentative ID	CAS #	Qual.	Conc.
1,2-Benzenedicarboxylic acid, decyl hexyl ester	025724-58-7	64	26,000
1,2-Benzenedicarboxylic acid, isodecyl octyl ester	001330-96-7	64	25,000
1,2-Benzenedicarboxylic acid, diisononyl ester	028553-12-0	64	24,000
1,2-Benzenedicarboxylic acid, bis(4-methylpentyl) ester	000146-50-9	64	20,000
Bis(2-ethylhexyl) phthalate	000117-81-7	53	15,000
1,2-Benzenedicarboxylic acid, butyl 8-methylnonyl ester	000089-18-9	64	14,000
Cyclopropanenonanoic acid, 2-[(2-butylcyclopropyl)methyl]-, methyl ester	010152-69-9	95	12,000
1,2-Benzenedicarboxylic acid, diisononyl ester	028553-12-0	72	11,000
1,2-Benzenedicarboxylic acid, isodecyl octyl ester	001330-96-7	59	7,900
1,2-Benzenedicarboxylic acid, bis(1-methylheptyl) ester	000131-15-7	59	6,300
1,2-Benzenedicarboxylic acid, isodecyl octyl ester	001330-96-7	72	5,700
1,2-Benzenedicarboxylic acid, isodecyl octyl ester	001330-96-7	64	5,000
1,2-Benzenedicarboxylic acid, diisooctyl ester	027554-26-3	50	4,700
1,2-Benzenedicarboxylic acid, bis(8-methylnonyl) ester	000089-16-7	59	4,300

GC/MS Library Search Compound Report By EPA Method 8270D

Client Sample ID:	MW-4	Client:	Ecosystems Strategies, Inc.
Date Received:	02/25/10	Project:	49 Dupont Street, F&BI 002242
Date Extracted:	03/02/10	Lab ID:	002242-02 1/100
Date Analyzed:	03/02/10	Data File:	030214.D
Matrix:	Product	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

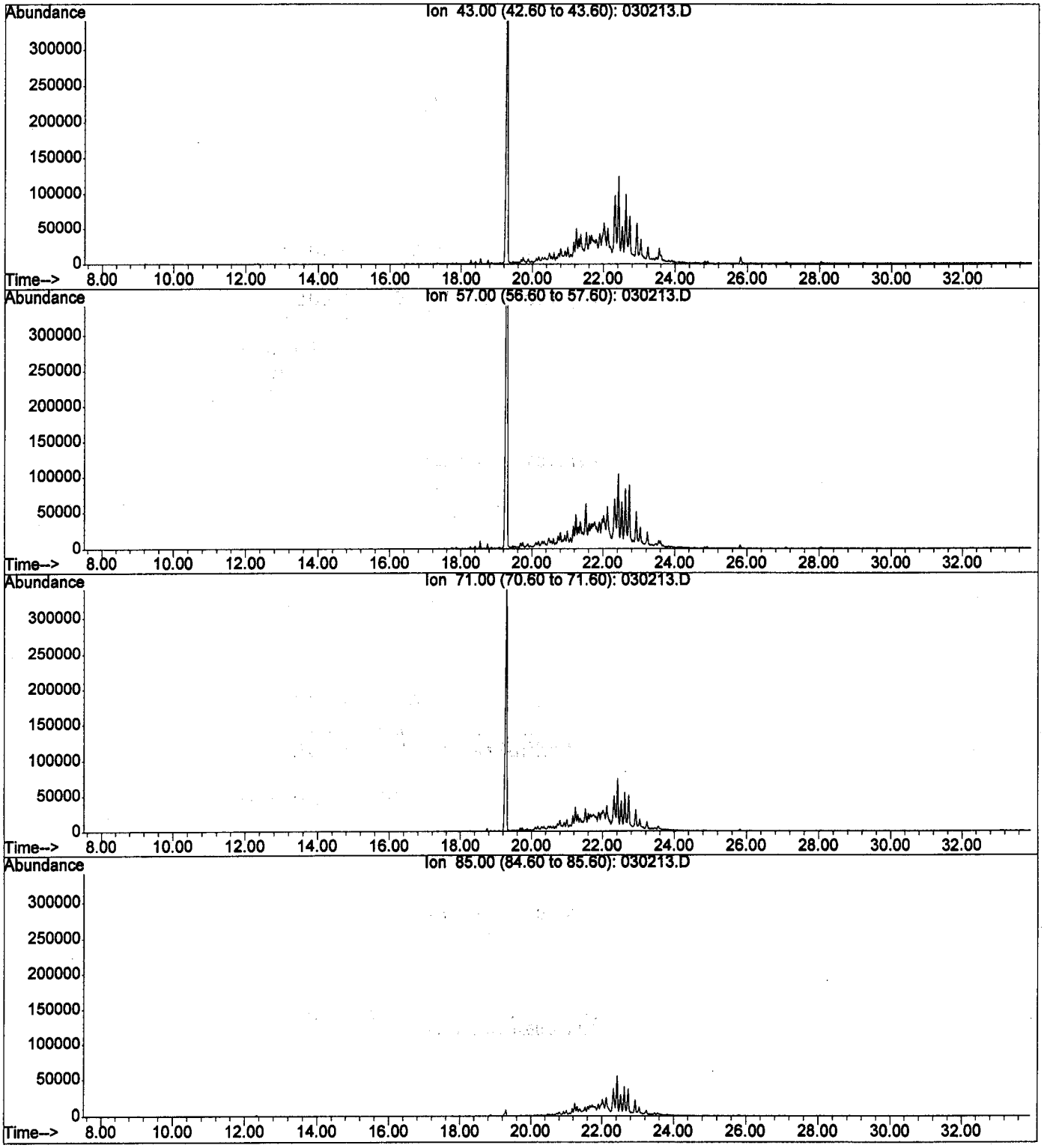
Tentative ID	CAS #	Qual.	Conc.
Hexanedioic acid, mono(2-ethylhexyl) ester	004337-65-9	64	96,000
Phosphoric acid, tris(2-ethylhexyl) ester	000078-42-2	72	63,000
1,2-Benzenedicarboxylic acid, bis(1-methylheptyl) ester	000131-15-7	80	43,000
Cyclopropanenonanoic acid, 2-[(2-butylcyclopropyl)methyl]-, methyl ester	010152-69-9	59	40,000
1,2-Benzenedicarboxylic acid, diheptyl ester	003648-21-3	78	37,000
1,2-Benzenedicarboxylic acid, bis(4-methylpentyl) ester	000146-50-9	50	26,000
1,2-Benzenedicarboxylic acid, isodecyl octyl ester	001330-96-7	72	25,000
1,2-Benzenedicarboxylic acid, diheptyl ester	003648-21-3	86	15,000
1,2-Benzenedicarboxylic acid, isode isodecyl octyl ester	001330-96-7	78	11,000
1,2-Benzenedicarboxylic acid, butyl octyl ester	000084-78-6	64	10,000
1,2-Benzenedicarboxylic acid, bis(4-methylpentyl) ester	000146-50-9	64	9,900
1,2-Benzenedicarboxylic acid, decyl octyl ester	000119-07-3	72	9,300
1,2-Benzenedicarboxylic acid, bis(1-methylheptyl) ester	000131-15-7	72	9,200
1,2-Benzenedicarboxylic acid, isodecyl octyl ester	001330-96-7	72	6,800
1,2-Benzenedicarboxylic acid, diheptyl ester	003648-21-3	78	4,400

Analysis For Semivolatile Compounds By EPA Method 8270D

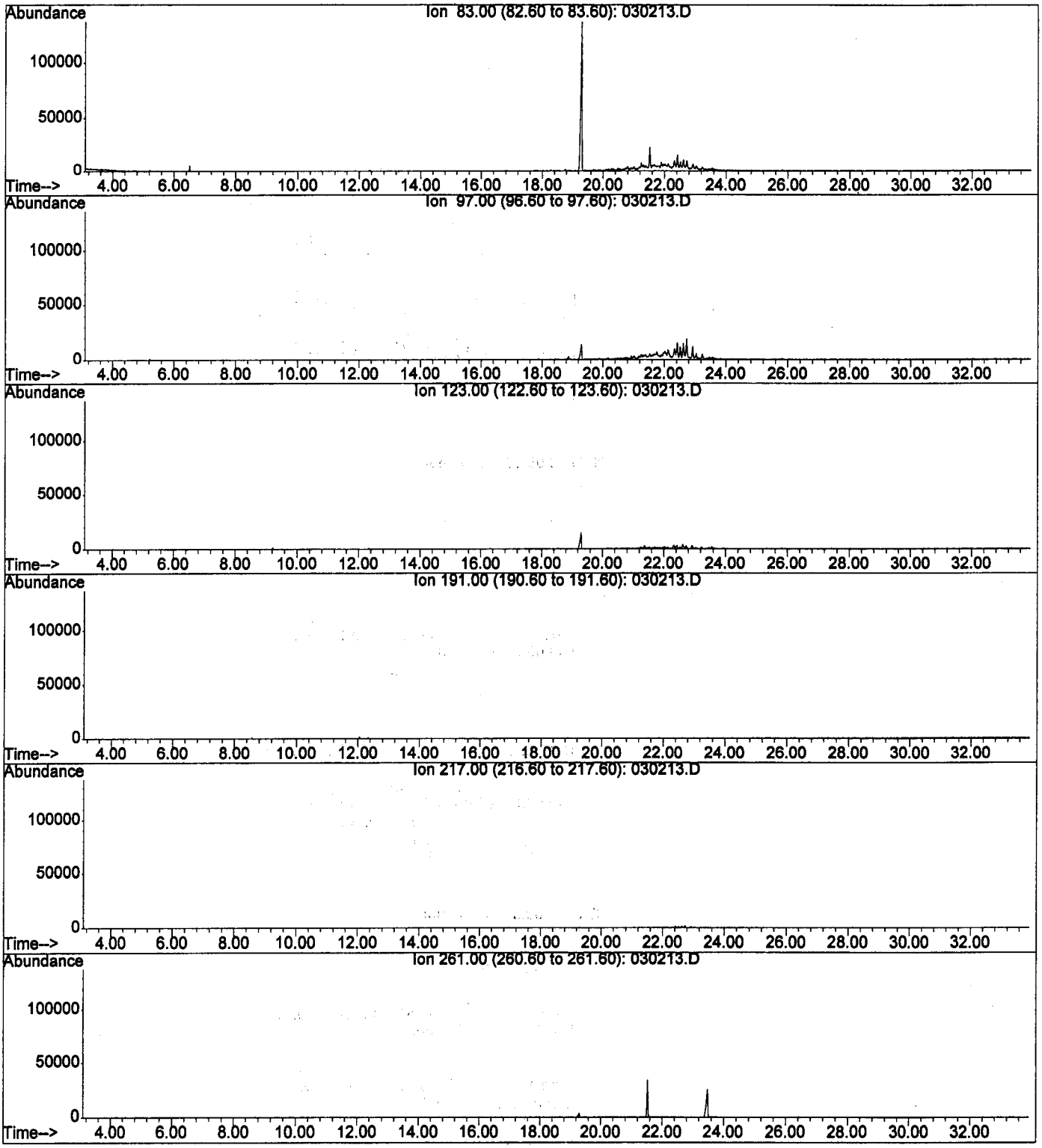
Client Sample ID:	Method Blank	Client:	Ecosystems Strategies, Inc.
Date Received:	Not Applicable	Project:	49 Dupont Street, F&BI 002242
Date Extracted:	03/02/10	Lab ID:	00293mb
Date Analyzed:	03/02/10	Data File:	030210.D
Matrix:	Product	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Note: There were no library search compounds detected.

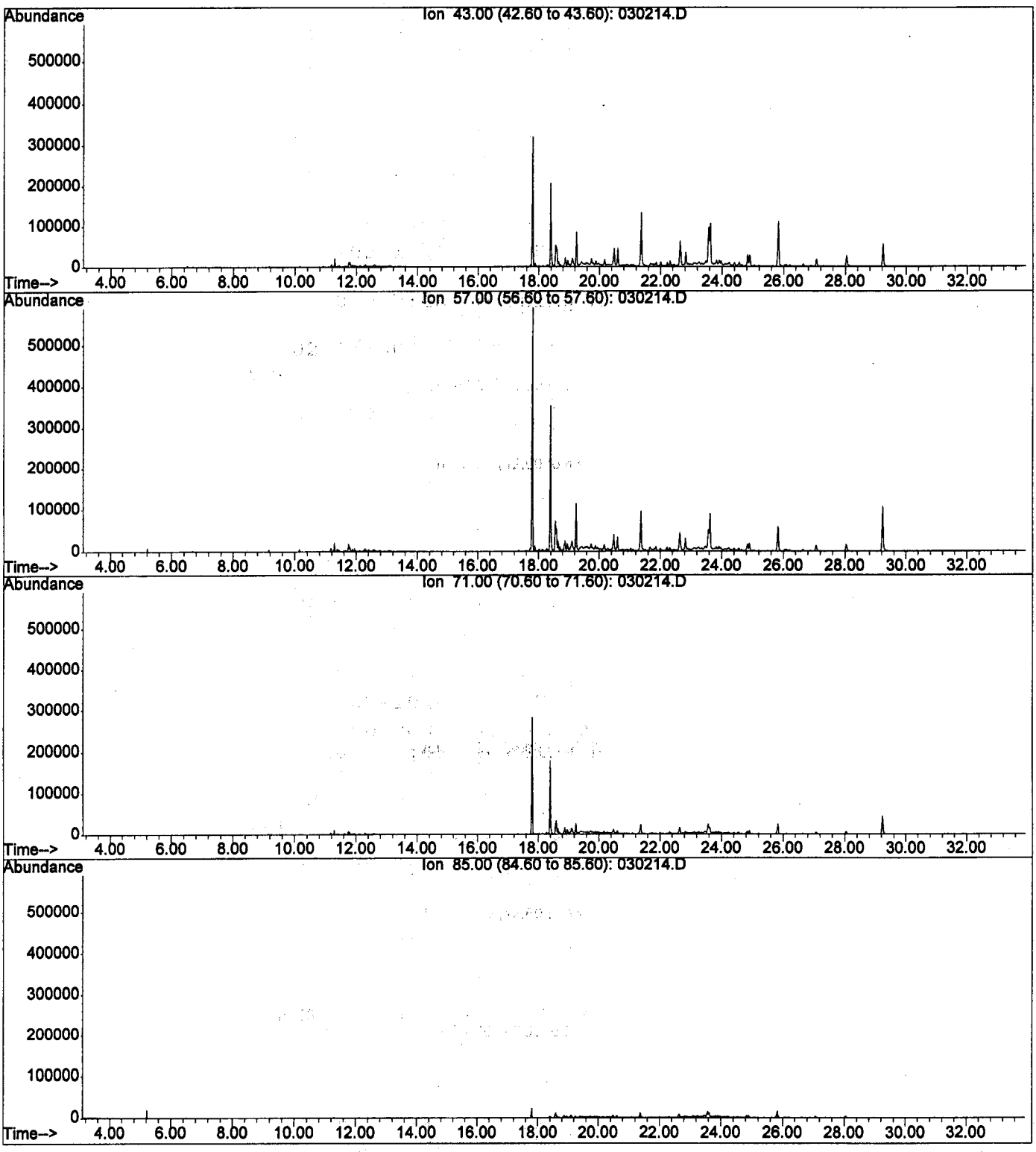
File : D:\DATA\03-02-10\030213.D
Operator : YA
Acquired : 2 Mar 2010 7:07 pm using AcqMethod 0222BNA
Instrument : GCMS3
Sample Name: 002242-01 1/100
Misc Info : product
Vial Number: 10



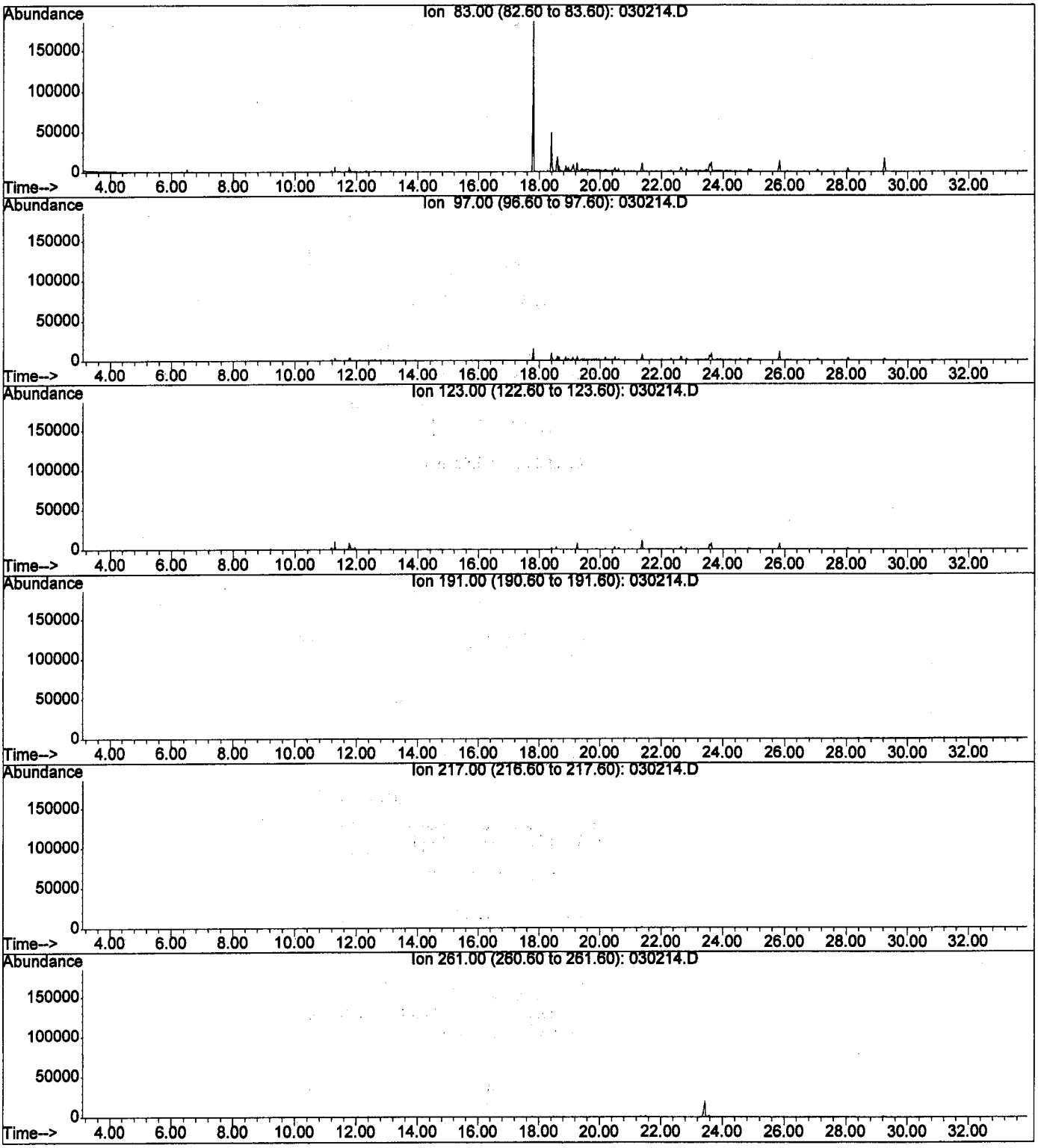
File : D:\DATA\03-02-10\030213.D
Operator : YA
Acquired : 2 Mar 2010 7:07 pm using AcqMethod 0222BNA
Instrument : GCMS3
Sample Name: 002242-01 1/100
Misc Info : product
Vial Number: 10



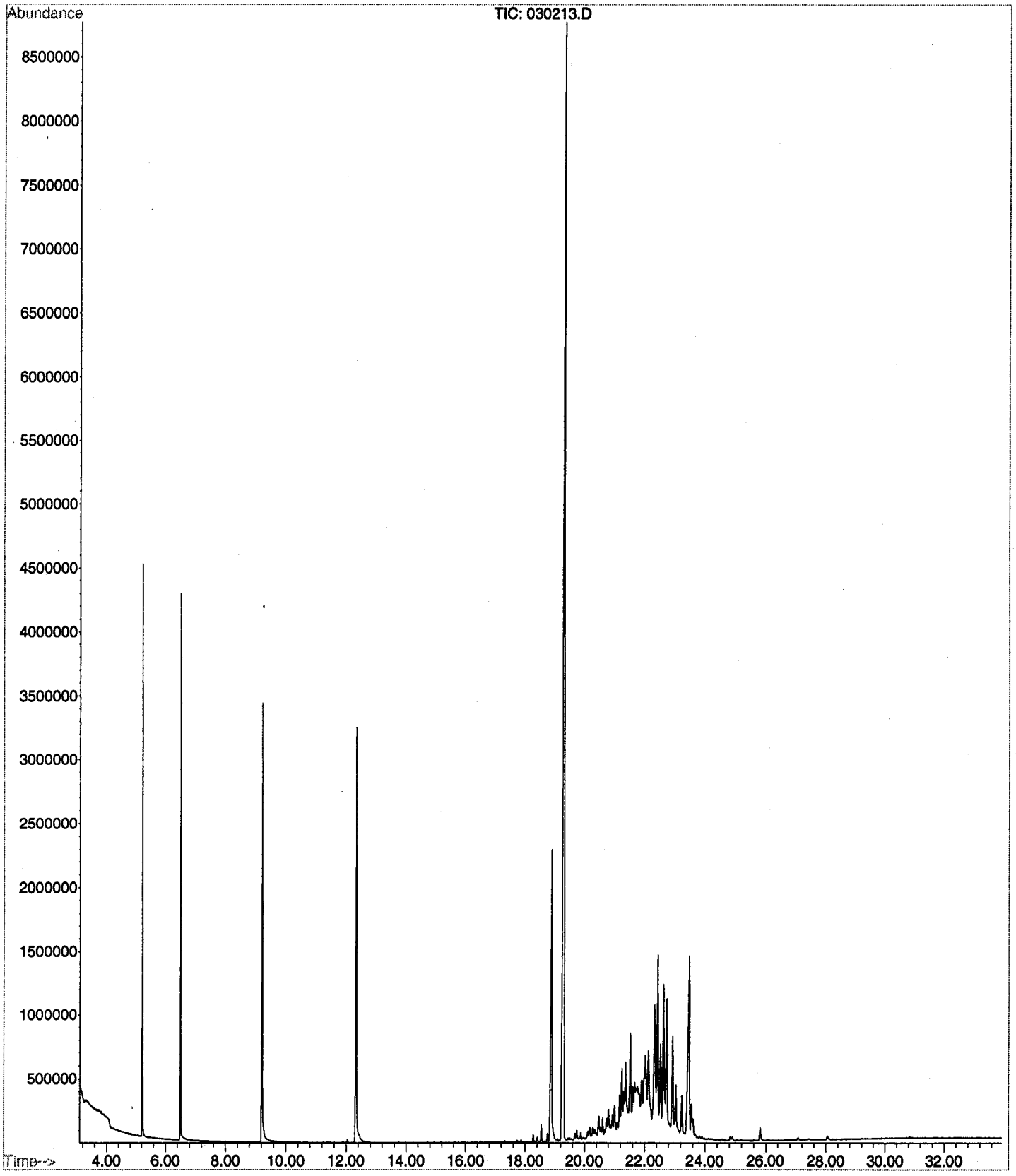
File : D:\DATA\03-02-10\030214.D
Operator : YA
Acquired : 2 Mar 2010 7:48 pm using AcqMethod 0222BNA
Instrument : GCMS3
Sample Name: 002242-02 1/100
Misc Info : product
Vial Number: 11



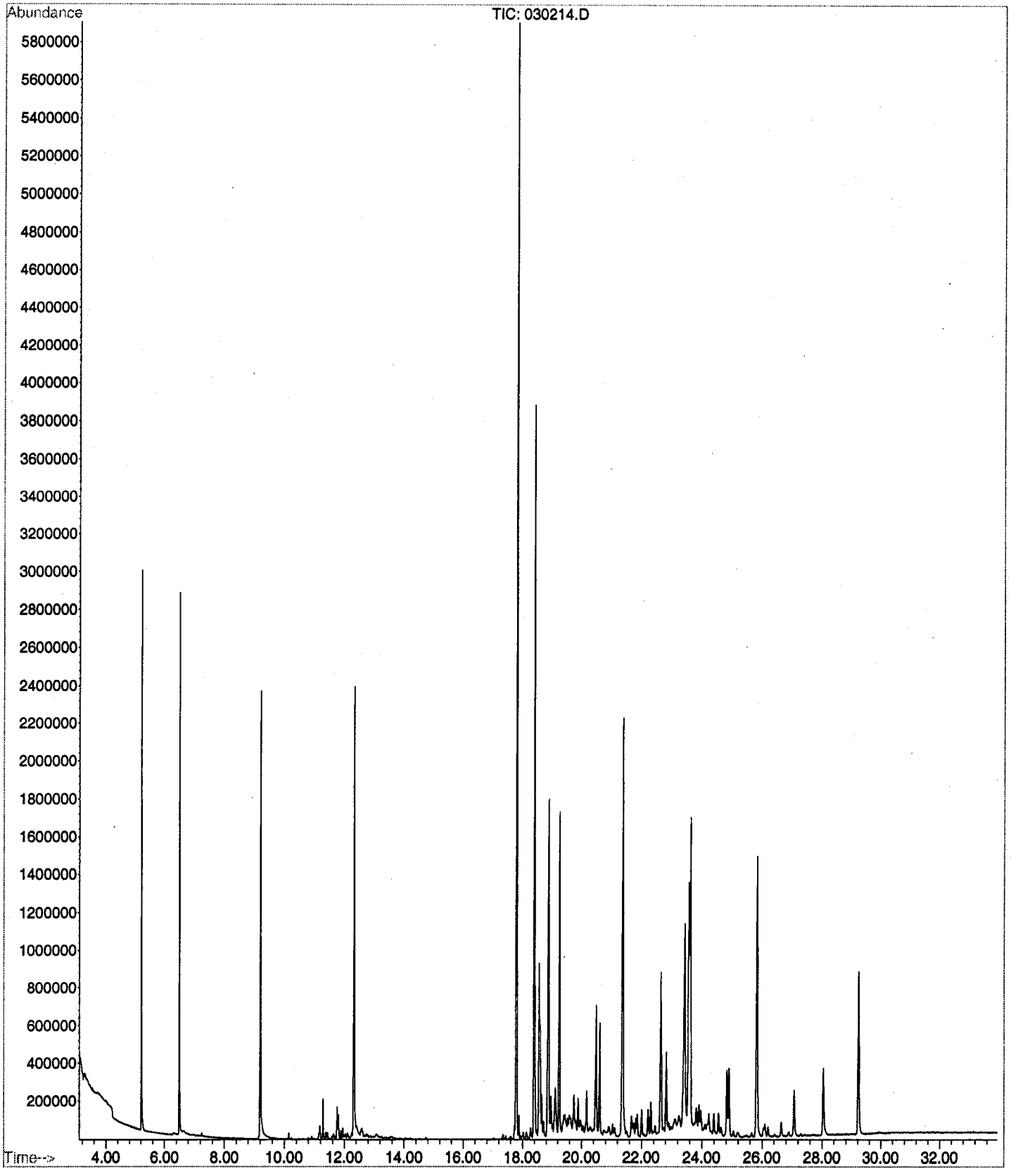
File : D:\DATA\03-02-10\030214.D
Operator : YA
Acquired : 2 Mar 2010 7:48 pm using AcqMethod 0222BNA
Instrument : GCMS3
Sample Name: 002242-02 1/100
Misc Info : product
Vial Number: 11



File : F:\DATA\03-02-10\030213.D
Operator : YA
Acquired : 2 Mar 2010 7:07 pm using AcqMethod 0222BNA
Instrument : GCMS3
Sample Name: 002242-01 1/100
Misc Info : product
Vial Number: 10



File : F:\DATA\03-02-10\030214.D
Operator : YA
Acquired : 2 Mar 2010 7:48 pm using AcqMethod 0222BNA
Instrument : GCMS3
Sample Name: 002242-02 1/100
Misc Info : product
Vial Number: 11



002242

CHAIN OF CUSTODY

MP 02/25/10 D02

Page # 1 of 1

Send Report To

Company Ecosystems Strategies, Inc.

Address 24 Davis Avenue

City, State, ZIP Poughkeepsie, New York 12603

Phone # (845)452-1658 Fax # (845)-485-7083

SAMPLERS (signature) [signature]

PROJECT NAME/NO. 49 Dupont Street / SB09110

PO #

REMARKS

TURNAROUND TIME
X Standard (2 Weeks)
☐ RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
☐ Dispose after 30 days
☐ Return samples
X Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	GCMS Fingerprint						Notes
RW-12	01	2/15/10	10:45	Free Product	1, 8oz							X						
MW-4	02	2/22/10	11:22	Free Product	1, 8oz							X						

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:				
Received by: [signature]	Nhan Phan	FeBI	2/25/10	1500
Relinquished by:				
Received by:		Samples received at 20 °C		

FORMS\COC\COC.DOC

APPENDIX F

Waste Disposal Documentation

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	3. Emergency Response Phone	4. Manifest Tracking Number
NYD001468354	1	516-816-4765	006325619 JJK

5. Generator's Name and Mailing Address
Dynamit Nobel-Harte, Inc.
49 Dupont Street
Brooklyn, NY 11222
Generator's Phone: 831-586-5900

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Metro Environmental Contracting Corp.
U.S. EPA ID Number: NYR000134957

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Norlite Corporation
628 South Saratoga Street
Cohoes, NY 12047
Facility's Phone: 518-235-0401
U.S. EPA ID Number: NYD050469935

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		
X	1. Waste Toxic Liquids, Organic, N.O.S., 6.1, UN2810, PGII, (U028) (Bis(2-Ethylhexyl)Phthalate) ERG#153	01	TT	2608	G	U028		B
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
9b.1)Job ID# J1124090107
75125 JW NY

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: X [illegible] Signature: X [illegible] Month Day Year

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Mathew S. Copeland Signature: [signature] Month 12 Day 03 Year 09
Transporter 2 Printed/Typed Name: Signature: Month Day Year

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

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

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

GENERATOR'S INITIAL COPY

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	3. Emergency Response Phone	4. Manifest Tracking Number
NYD001480364	1	516-876-7940	003404287 JJK

GENERATOR

5. Generator's Name and Mailing Address
49 Dupont Realty Corp
P.O. Box 788
Deer Park, NY 11729

Generator's Phone: 845-452-1650

Generator's Site Address (if different than mailing address)
49 Dupont St
Brooklyn, NY 11222

6. Transporter 1 Company Name
Miller Environmental Group, Inc.

U.S. EPA ID Number
NYD986986985

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Model Confirmed
828 South Saratoga Street
Cohoes, NY 12047 USA
518-234-0401-231

Facility's Phone:

U.S. EPA ID Number
NYD980469835

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. Waste Toxic Liquids, Organic, N.O.S., 6.1, UN2810, PGII (UO28)(Bis(2-Ethylhexyl)Phthalate) ERG162	1	TT	2750	G	UO28		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
M10-1030
Work Order J1228100082-101

TRUCK LOAD TRAILER PER # NC82429

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	Signature	Month	Day	Year

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	Signature	Month	Day	Year
FELIPE SANTOS	Felipe Santos	01	03	11

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

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: NYD001458354
2. Page 1 of
3. Emergency Response Phone: 516-876-7040
4. Manifest Tracking Number: 003404236 JJK

5. Generator's Name and Mailing Address
49 Dupont Realty Corp
PO Box 786
Deer park, NY 11729
Generator's Phone: 516-492-1036

Generator's Site Address (if different than mailing address)
49 Dupont St
Brooklyn, NY 11222

6. Transporter 1 Company Name: Miller Environmental Group, Inc.
U.S. EPA ID Number: NYD085908086

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Norlite Corporation
626 South Saratoga Street
Cohoes, NY 12047 USA
Facility's Phone: 516-234-0401-231
U.S. EPA ID Number: NYD080459935

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
X	1. Waste Toxic Liquids, Organic, N.O.S., 6.1,UN2810, PGII(UO28)(Bis2-Ethylhexyl)Phthalate) ERG162	1	TT	1100	G	UO28
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
M11-0494
Approval/ Work order# JO622110032-101

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 | Signature | Month | Day | Year

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: DANIEL Ortega | Signature | Month | Day | Year
Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

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

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

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

GENERATOR'S INITIAL COPY

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: NYD001468354
2. Page 1 of 1
3. Emergency Response Phone: 516-876-7940
4. Manifest Tracking Number: 003404189 JJK

5. Generator's Name and Mailing Address
49 Dupont Realty Corp
PO Box 786
Deer Park, NY 11729
Generator's Phone: 646-462-1666

Generator's Site Address (if different than mailing address)
49 Dupont St
Brooklyn, NY 11222

6. Transporter 1 Company Name: Miller Environmental Group, Inc.
U.S. EPA ID Number: NYD066908086

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Norlite Corporation
628 South Saratoga Street
Cohoes, NY 12047 USA
Facility's Phone: 518-234-0401-231
U.S. EPA ID Number: NYD060469935

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
X	1. Waste Toxic Liquids, Organic, N.O.S., 6.1,UN2810, PGII(UO28)(Bis(2-Ethylhexyl)Phthalate) ERG162	1	TT	231	G	UO28
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
M11-0797
Approval/ Work order# JO928110120-101

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: R. Hooker
Signature: [signature]
Month 10 Day 5 Year 11

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Joel Crespo
Signature: [signature]
Month 10 Day 5 Year 11
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

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

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

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

GENERATOR'S INITIAL COPY

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: NYD001468364
2. Page 1 of 1
3. Emergency Response Phone: 516-876-7940
4. Manifest Tracking Number: 003404174 JJK

5. Generator's Name and Mailing Address
49 Dupont Realty Corp
PO Box 785
Deer Park, NY 11729
Generator's Phone: 516-492-1665

Generator's Site Address (if different than mailing address)
49 Dupont St
Brooklyn, NY 11222

6. Transporter 1 Company Name: Miller Environmental Group, Inc.
U.S. EPA ID Number: NYD986906066

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Norlite Corporation
628 South Saratoga Street
Cohoes, NY 12047 USA
Facility's Phone: 518-234-0401-231
U.S. EPA ID Number: NYD080469935

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
X	1. Waste Toxic Liquids, Organic, N.O.S., 6.1,UN2810, PGII(UO28)(Bis(2-Ethylhexyl)Phthalate) ERG162	1	TT	579	G	UO28
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
M11-1012
Approval/ Work order# J1208110063-101

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: R. Hall
Signature: [signature]
Month 12 Day 13 Year 11

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Joel Crespo
Signature: [signature]
Month 12 Day 13 Year 11
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

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

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

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

GENERATOR'S INITIAL COPY

630906 1472943

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number NYD001-[illegible]	2. Page 1 of 2	3. Emergency Response Phone 516-676-7940	4. Waste Tracking Number MW 0005069

5. Generator's Name and Mailing Address
49 Dupont Realty Corp
PO Box 735
Deer Park, NY 11729
Generator's Phone: 645-452-1655

Generator's Site Address (if different than mailing address)
49 Dupont St
Brooklyn, NY 11222

6. Transporter 1 Company Name: Miller Environmental Group INC — U.S. EPA ID Number: NYD985905085

7. Transporter 2 Company Name: Republic Env Sys (Trans Group) LLC ~~Chemical Pollution Control LLC of NY~~ — U.S. EPA ID Number: PAD982661381 ~~NYD082785429~~

8. Designated Facility Name and Site Address
PSC - Northland Environmental, LLC
275 Allens Avenue
Providence, RI 02905 USA
Facility's Phone: 401-781-5340
U.S. EPA ID Number: RI0040098362

9. Waste Shipping Name and Description	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.
1. NON RCRA/DOT Regulated Solid(soil cuttings), none, none	5	DM	2000	P
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
Drums delivered to 45 Drexel Drive, Bay Shore New York 11705
M12-0313
536108-00
Plate #87694 JU

14. 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.

Generator's/Offeror's Printed/Typed Name: Adam Ciminello — Signature: [signature] — Month 4 Day 19 Year 2012

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

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [signature] Tom Camelov — Signature: [signature] — Month 4 Day 19 Year 12
Transporter 2 Printed/Typed Name: [signature] Fred Miranda — Signature: [signature] — Month 4 Day 20 Year 12

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

~~TRANSPORTER #3~~ REPUBLIC ENV SYS (TRANS GROUP) LLC PAD982661381

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name — Signature — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

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	3. Emergency Response Phone	4. Manifest Tracking Number
NYD001455354	1	516-876-7940	003404124 JJK

GENERATOR

5. Generator's Name and Mailing Address
49 Dupont Realty Corp
PO Box 755
Deer Park, NY 11729
Generator's Phone: 845-452-1655

Generator's Site Address (if different than mailing address)
49 Dupont St
Brooklyn, NY 11222

6. Transporter 1 Company Name: Miller Environmental Group INC — U.S. EPA ID Number: NYD986908085

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Norlite Corporation
628 South Saratoga Street
Cohoes, NY 12047
Facility's Phone: 518-234-0401
U.S. EPA ID Number: NYD090469935

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
X	1. Waste Toxic Liquids,Organic,N.O.S., 6.1,UN 2810,PG II(UC28)(Bis(2-Ethylhexyl)Phthalate) ERG152	1	TT	730	G	UC28
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
M12-0313
J0416120091-101
Add 749 gal to STOVA w/ sample @ 940 JJK

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: Rita Bakhos for Envirosource Services — Signature — Month: 4 Day: 25 Year: 12

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: Joel Corso — Signature — Month: 4 Day: 25 Year: 12

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.
H050			

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: Douglas Crocco — Signature: Douglas Crocco — Month: 4 Day: 25 Year: 12

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

Form Approved. OMB No. 205

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD001468354	1	518-876-7940	003404073 JJK

5. Generator's Name and Mailing Address
49 Dupont Realty Corp
PO Box 786
Deer Park, NY 11729

Generator's Site Address (if different than mailing address)
49 Dupont St
Brooklyn, NY 11222

Generator's Phone: 545-452-1655

6. Transporter 1 Company Name: Miller Environmental Group INC — U.S. EPA ID Number: NYD986906085

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Norlite Corporation
628 South Saratoga Street
Cohoes, NY 12047

U.S. EPA ID Number: NYD000469935

Facility's Phone: 518-234-0401

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
X	1. Waste Toxic Liquids,Organic,N.O.S., 6.1,UN 2810,PG II(UO28)(Bis(2-Ethylhexyl)Phthalate) ERG162	1	TT	650	G	UO28
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
M12-0593
J0731120094-101

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: Mark Cimmino — Signature: [signature] — Month 8 Day 8 Year [illegible]

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

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Joel Crespo — Signature: [signature] — Month 8 Day 8 Year 12

Transporter 2 Printed/Typed Name — Signature — Month Day Year

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

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

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

GENERATOR'S INITIAL COPY

1345 gal

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	3. Emergency Response Phone	4. Manifest Tracking Number
NYD001456354	1	516-876-7940	000346568 JJK

5. Generator's Name and Mailing Address
49 Dupont Realty Corp
PO Box 785
Deer Park, NY 11729

Generator's Site Address (if different than mailing address)
49 Dupont St
Brooklyn, NY 11222

Generator's Phone: 646-452-1655

6. Transporter 1 Company Name: Miller Environmental Group INC — U.S. EPA ID Number: NYD986908085

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Norlite, LLC
628 South Saratoga Street
Cohoes, NY 12047

U.S. EPA ID Number: NYD080469935

Facility's Phone: 518-234-0401

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
X	1. Waste Toxic Liquids,Organic,N.O.S., 6.1,UN 2810,PG II(UO28)(Bis(2-Ethylhexyl)Phthalate) ERG152	1	TT	13 1/5	G	UO28
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
M13-0036
J0110130118-101
Truck #592 plate 12898 PC

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: [illegible] — Signature: [illegible] — Month 1 Day 16 Year 13

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

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Tommy Cebele — Signature: [signature] — Month 1 Day 16 Year 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

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

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

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

GENERATOR'S INITIAL COPY

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: NYD001468354
2. Page 1 of: 1
3. Emergency Response Phone: 516-876-7940
4. Manifest Tracking Number: 000346674 JJK

5. Generator's Name and Mailing Address:
49 Dupont Realty Corp
PO Box 785
Deer Park, NY 11729
Generator's Phone: 645-452-1655

Generator's Site Address (if different than mailing address):
49 Dupont St
Brooklyn, NY 11222

6. Transporter 1 Company Name: Miller Environmental Group INC
U.S. EPA ID Number: NYD986908085

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
Norlite, LLC
628 South Saratoga Street
Cohoes, NY 12047
Facility's Phone: 518-234-0401
U.S. EPA ID Number: NYD080469935

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
X	1. Waste Toxic Liquids,Organic,N.O.S., 6.1,UN 2810,PG II(UO28)(Bist2-EthylhexylPhthalate) ERG152	1	TT	1002	G	UO28
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

M13-0779
J0816130069-101 Truck #501 Plate# 12569 PC

Rec'D 993 gals/8000 lbs
sp.0.966 #/mil

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: Scott Spitzer
Signature: [signature]
Month 8 Day 22 Year 13

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Tommy Cepeda
Signature: [signature]
Month 8 Day 22 Year 13
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

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. H050 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: David Magaldi
Signature: [signature]
Month 08 Day 22 Year 13

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

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: NYD001468354
2. Page 1 of
3. Emergency Response Phone: 516-876-7940
4. Manifest Tracking Number: 000346735 JJK

5. Generator's Name and Mailing Address: 49 Dupont Realty Corp, PO Box 785, Deer Park, NY 11729
Generator's Site Address (if different than mailing address): 49 Dupont St, Brooklyn, NY 11222
Generator's Phone: 545-452-1655

6. Transporter 1 Company Name: Miller Environmental Group INC
U.S. EPA ID Number: NYD985906085

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Norlite, LLC, 628 South Saratoga Street, Cohoes, NY 12047
U.S. EPA ID Number: NYD080459935
Facility's Phone: 518-234-0401

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. Waste Toxic Liquids, Organic, N.O.S. 6.1, UN2810, PG II(UO28)(Bis(2-ethylhexyl)Phthalate) ERG152	1	TT	679	G	UO28
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: TRUCK # 591
M14-0315
Approval/ Work Order # 5041 & 14 [illegible] -101

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: X Ecosystems Strategy Spitzer
Signature: [signature]
Month 4 Day 22 Year 14

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ray Lang
Signature: Ray Lang
Month 4 Day 22 Year 14
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

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

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

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

GENERATOR'S INITIAL COPY

APPENDIX G

CAMP Results

APPENDIX H

Product Identification Reports

Test 001

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	09/22/2014
Instrument S/N	8533123101	Start Time	10:07:55
		Stop Date	09/22/2014
		Stop Time	15:07:55
		Total Time	0:05:00:00
		Logging Interval	900 seconds

Test Data

Data Point	Date	Time	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3
1	09/22/2014	10:22:55	0.003	0.004	0.004	0.005	0.005
2	09/22/2014	10:37:55	0.004	0.005	0.005	0.006	0.006
3	09/22/2014	10:52:55	0.025	0.027	0.028	0.031	0.031
4	09/22/2014	11:07:55	0.011	0.012	0.012	0.013	0.013
5	09/22/2014	11:22:55	0.037	0.039	0.041	0.045	0.046
6	09/22/2014	11:37:55	0.016	0.016	0.017	0.018	0.018
7	09/22/2014	11:52:55	0.007	0.007	0.007	0.008	0.008
8	09/22/2014	12:07:55	0.008	0.009	0.009	0.011	0.011
9	09/22/2014	12:22:55	0.040	0.041	0.042	0.044	0.045
10	09/22/2014	12:37:55	0.028	0.028	0.029	0.030	0.030
11	09/22/2014	12:52:55	0.068	0.070	0.071	0.073	0.073
12	09/22/2014	13:07:55	0.013	0.013	0.014	0.015	0.015
13	09/22/2014	13:22:55	0.000	0.000	0.000	0.000	0.000
14	09/22/2014	13:37:55	0.000	0.000	0.000	0.001	0.001
15	09/22/2014	13:52:55	0.000	0.001	0.001	0.001	0.002
16	09/22/2014	14:07:55	0.000	0.001	0.001	0.002	0.002
17	09/22/2014	14:22:55	0.023	0.024	0.025	0.027	0.027
18	09/22/2014	14:37:55	0.007	0.007	0.008	0.010	0.010
19	09/22/2014	14:52:55	0.003	0.004	0.004	0.004	0.004
20	09/22/2014	15:07:55	0.003	0.003	0.005	0.007	0.007

Test 002

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	09/23/2014
Instrument S/N	8533123101	Start Time	08:43:42
		Stop Date	09/23/2014
		Stop Time	10:13:42
		Total Time	0:01:30:00
		Logging Interval	900 seconds

Test Data

Data Point	Date	Time	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3
1	09/23/2014	08:58:42	0.030	0.031	0.031	0.033	0.033
2	09/23/2014	09:13:42	0.018	0.018	0.019	0.019	0.019
3	09/23/2014	09:28:42	0.015	0.016	0.016	0.017	0.017
4	09/23/2014	09:43:42	0.057	0.065	0.074	0.085	0.086
5	09/23/2014	09:58:42	0.022	0.022	0.023	0.024	0.024
6	09/23/2014	10:13:42	0.030	0.031	0.032	0.033	0.033

Test 003

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	09/23/2014
Instrument S/N	8533123101	Start Time	11:31:47
		Stop Date	09/23/2014
		Stop Time	12:31:47
		Total Time	0:01:00:00
		Logging Interval	900 seconds

Test Data

Data Point	Date	Time	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3
1	09/23/2014	11:46:47	0.015	0.016	0.016	0.017	0.017
2	09/23/2014	12:01:47	0.065	0.067	0.069	0.072	0.073
3	09/23/2014	12:16:47	0.038	0.039	0.040	0.041	0.041
4	09/23/2014	12:31:47	0.039	0.039	0.040	0.040	0.041

Test 004

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	09/23/2014
Instrument S/N	8533123101	Start Time	13:03:17
		Stop Date	09/23/2014
		Stop Time	14:18:17
		Total Time	0:01:15:00
		Logging Interval	900 seconds

Test Data

Data Point	Date	Time	PM1 mg/m^3	PM2.5 mg/m^3	RESP mg/m^3	PM10 mg/m^3	TOTAL mg/m^3
1	09/23/2014	13:18:17	0.520	0.609	0.701	0.834	0.843
2	09/23/2014	13:33:17	0.078	0.080	0.083	0.087	0.087
3	09/23/2014	13:48:17	0.058	0.060	0.061	0.063	0.064
4	09/23/2014	14:03:17	0.055	0.056	0.057	0.059	0.059
5	09/23/2014	14:18:17	0.039	0.041	0.042	0.045	0.045

Test 005

Instrument		Data Properties	
Model	DustTrak II	Start Date	12/10/2014
Instrument S/N	8530121421	Start Time	09:59:01
		Stop Date	12/10/2014
		Stop Time	12:44:01
		Total Time	0:02:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	12/10/2014	10:14:01	0.029
2	12/10/2014	10:29:01	0.009
3	12/10/2014	10:44:01	0.037
4	12/10/2014	10:59:01	0.006
5	12/10/2014	11:14:01	0.006
6	12/10/2014	11:29:01	0.004
7	12/10/2014	11:44:01	0.006
8	12/10/2014	11:59:01	0.006
9	12/10/2014	12:14:01	0.010
10	12/10/2014	12:29:01	0.007
11	12/10/2014	12:44:01	0.009

Test 005

Instrument		Data Properties	
Model	DustTrak II	Start Date	12/10/2014
Instrument S/N	8530143310	Start Time	09:51:16
		Stop Date	12/10/2014
		Stop Time	12:51:16
		Total Time	0:03:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	12/10/2014	10:06:16	0.011
2	12/10/2014	10:21:16	0.006
3	12/10/2014	10:36:16	0.016
4	12/10/2014	10:51:16	0.013
5	12/10/2014	11:06:16	0.005
6	12/10/2014	11:21:16	0.006
7	12/10/2014	11:36:16	0.008
8	12/10/2014	11:51:16	0.008
9	12/10/2014	12:06:16	0.008
10	12/10/2014	12:21:16	0.015
11	12/10/2014	12:36:16	0.010
12	12/10/2014	12:51:16	0.012

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

March 31, 2010

Emery Lawson, Project Manager
Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603

Dear Ms. Lawson:

Included are the results from the testing of material submitted on February 25, 2010 from the 49 Dupont Street/SB09110, F&BI 002242 project. The product samples submitted for forensic evaluation arrived in good condition. Upon arrival, the samples RW-12 and MW-4 were placed in a refrigerator maintained at 4°C until removed for sample processing.

The samples RW-12 and MW-4 were diluted and analyzed for semivolatile organic compounds with library search using a gas chromatograph fitted with a mass spectrometer (GC/MS). The results of this testing are enclosed.

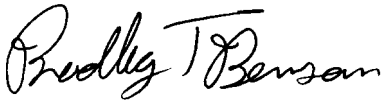
Review of the GC/MS results generated shows that the majority of material present in the samples RW-12 and MW-4 is consistent with carboxylic acid esters. Phthalates are in the class of compounds known as carboxylic acid esters.

In addition, review of the GC/MS results generated shows that the sample RW-12 also contains material which appears to be a high boiling petroleum based oil. Selective ion monitoring was performed on this sample to determine if this oil is paraffinic or naphthenic in nature. Review of the data generated shows that this sample contains a prominent pattern of material with a M/Z ratio of 43, 57, 71, and 85. These ions are consistent with paraffinic material.

Please contact us if additional consultation is needed by our firm in the interpretation of the analytical results provided. We appreciate this opportunity to be of service to you and hope you will call if you should have any questions. We will hold your samples for 30 days before disposal unless directed otherwise.

Sincerely,

FRIEDMAN & BRUYA, INC.



Bradley T. Benson
Chemist

Enclosures
mcp/BTB
NAA0331R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

GC/MS Library Search Compound Report By EPA Method 8270D

Client Sample ID:	RW-12	Client:	Ecosystems Strategies, Inc.
Date Received:	02/25/10	Project:	49 Dupont Street, F&BI 002242
Date Extracted:	03/02/10	Lab ID:	002242-01 1/100
Date Analyzed:	03/02/10	Data File:	030213.D
Matrix:	Product	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Tentative ID	CAS #	Qual.	Conc.
1,2-Benzenedicarboxylic acid, decyl hexyl ester	025724-58-7	64	26,000
1,2-Benzenedicarboxylic acid, isodecyl octyl ester	001330-96-7	64	25,000
1,2-Benzenedicarboxylic acid, diisononyl ester	028553-12-0	64	24,000
1,2-Benzenedicarboxylic acid, bis(4-methylpentyl) ester	000146-50-9	64	20,000
Bis(2-ethylhexyl) phthalate	000117-81-7	53	15,000
1,2-Benzenedicarboxylic acid, butyl 8-methylnonyl ester	000089-18-9	64	14,000
Cyclopropanenonanoic acid, 2-[(2-butylcyclopropyl)methyl]-, methyl ester	010152-69-9	95	12,000
1,2-Benzenedicarboxylic acid, diisononyl ester	028553-12-0	72	11,000
1,2-Benzenedicarboxylic acid, isodecyl octyl ester	001330-96-7	59	7,900
1,2-Benzenedicarboxylic acid, bis(1-methylheptyl) ester	000131-15-7	59	6,300
1,2-Benzenedicarboxylic acid, isodecyl octyl ester	001330-96-7	72	5,700
1,2-Benzenedicarboxylic acid, isodecyl octyl ester	001330-96-7	64	5,000
1,2-Benzenedicarboxylic acid, diisooctyl ester	027554-26-3	50	4,700
1,2-Benzenedicarboxylic acid, bis(8-methylnonyl) ester	000089-16-7	59	4,300

GC/MS Library Search Compound Report By EPA Method 8270D

Client Sample ID:	MW-4	Client:	Ecosystems Strategies, Inc.
Date Received:	02/25/10	Project:	49 Dupont Street, F&BI 002242
Date Extracted:	03/02/10	Lab ID:	002242-02 1/100
Date Analyzed:	03/02/10	Data File:	030214.D
Matrix:	Product	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

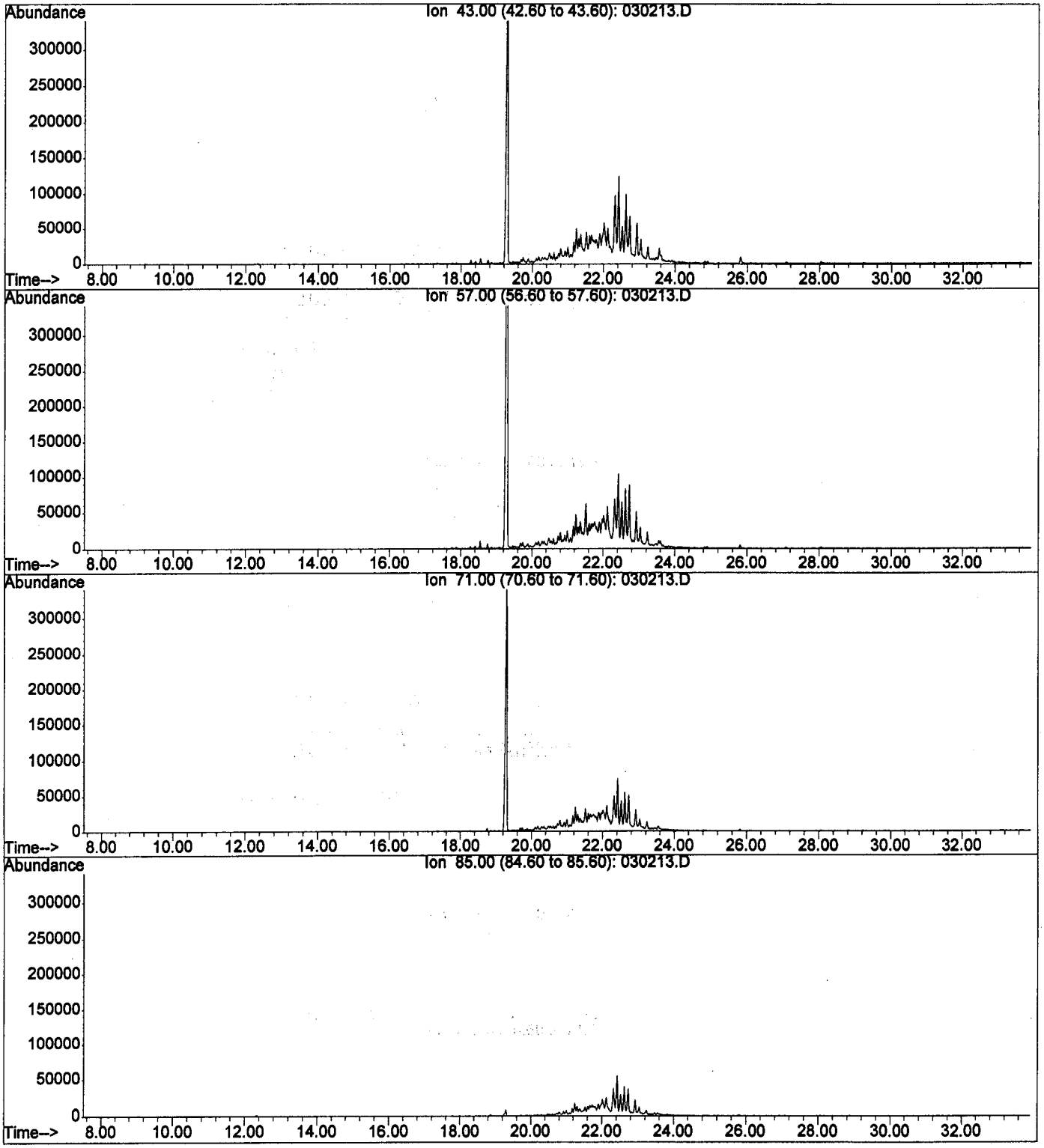
Tentative ID	CAS #	Qual.	Conc.
Hexanedioic acid, mono(2-ethylhexyl) ester	004337-65-9	64	96,000
Phosphoric acid, tris(2-ethylhexyl) ester	000078-42-2	72	63,000
1,2-Benzenedicarboxylic acid, bis(1-methylheptyl) ester	000131-15-7	80	43,000
Cyclopropanenonanoic acid, 2-[(2-butylcyclopropyl)methyl]-, methyl ester	010152-69-9	59	40,000
1,2-Benzenedicarboxylic acid, diheptyl ester	003648-21-3	78	37,000
1,2-Benzenedicarboxylic acid, bis(4-methylpentyl) ester	000146-50-9	50	26,000
1,2-Benzenedicarboxylic acid, isodecyl octyl ester	001330-96-7	72	25,000
1,2-Benzenedicarboxylic acid, diheptyl ester	003648-21-3	86	15,000
1,2-Benzenedicarboxylic acid, isode isodecyl octyl ester	001330-96-7	78	11,000
1,2-Benzenedicarboxylic acid, butyl octyl ester	000084-78-6	64	10,000
1,2-Benzenedicarboxylic acid, bis(4-methylpentyl) ester	000146-50-9	64	9,900
1,2-Benzenedicarboxylic acid, decyl octyl ester	000119-07-3	72	9,300
1,2-Benzenedicarboxylic acid, bis(1-methylheptyl) ester	000131-15-7	72	9,200
1,2-Benzenedicarboxylic acid, isodecyl octyl ester	001330-96-7	72	6,800
1,2-Benzenedicarboxylic acid, diheptyl ester	003648-21-3	78	4,400

Analysis For Semivolatile Compounds By EPA Method 8270D

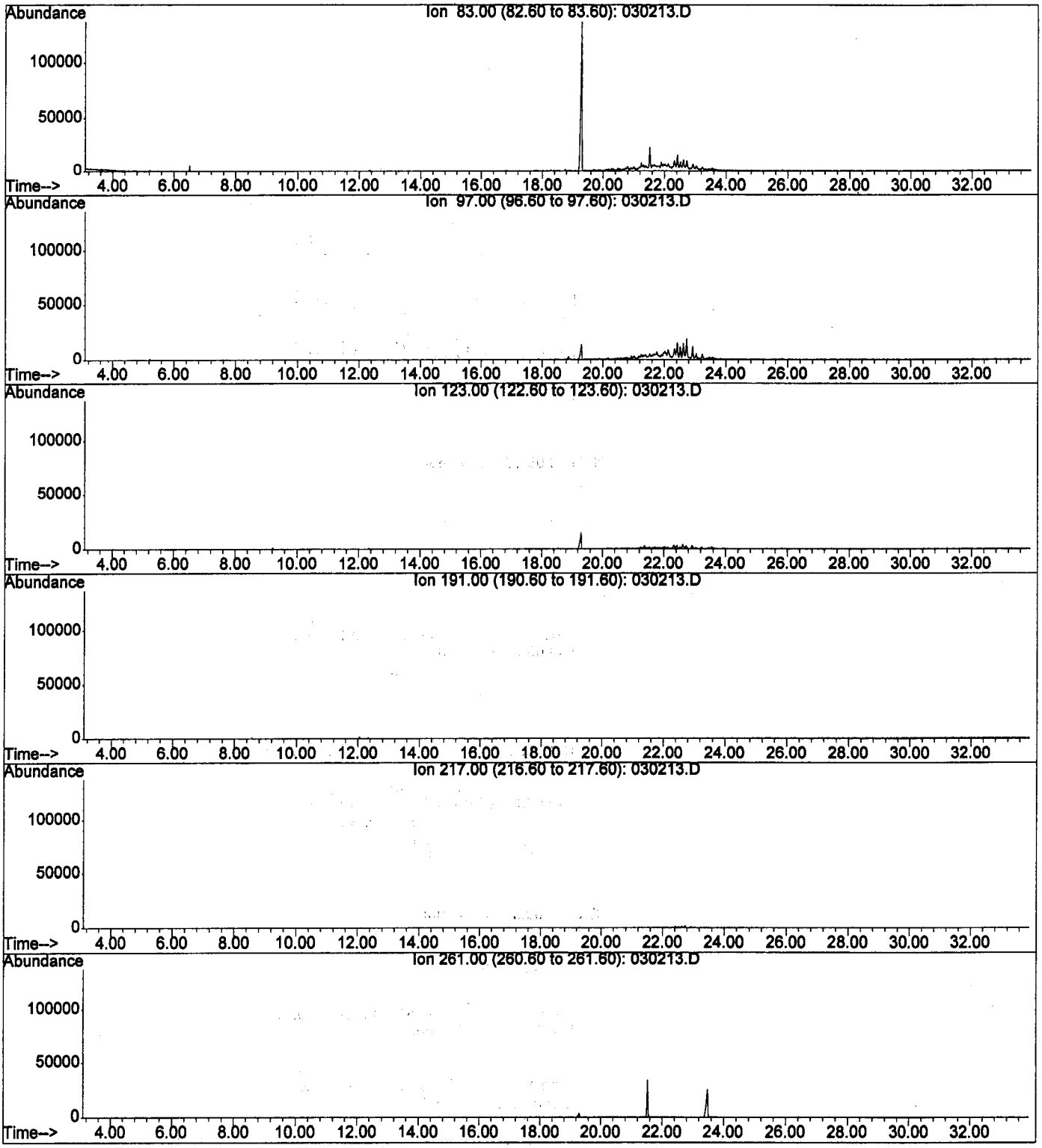
Client Sample ID:	Method Blank	Client:	Ecosystems Strategies, Inc.
Date Received:	Not Applicable	Project:	49 Dupont Street, F&BI 002242
Date Extracted:	03/02/10	Lab ID:	00293mb
Date Analyzed:	03/02/10	Data File:	030210.D
Matrix:	Product	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Note: There were no library search compounds detected.

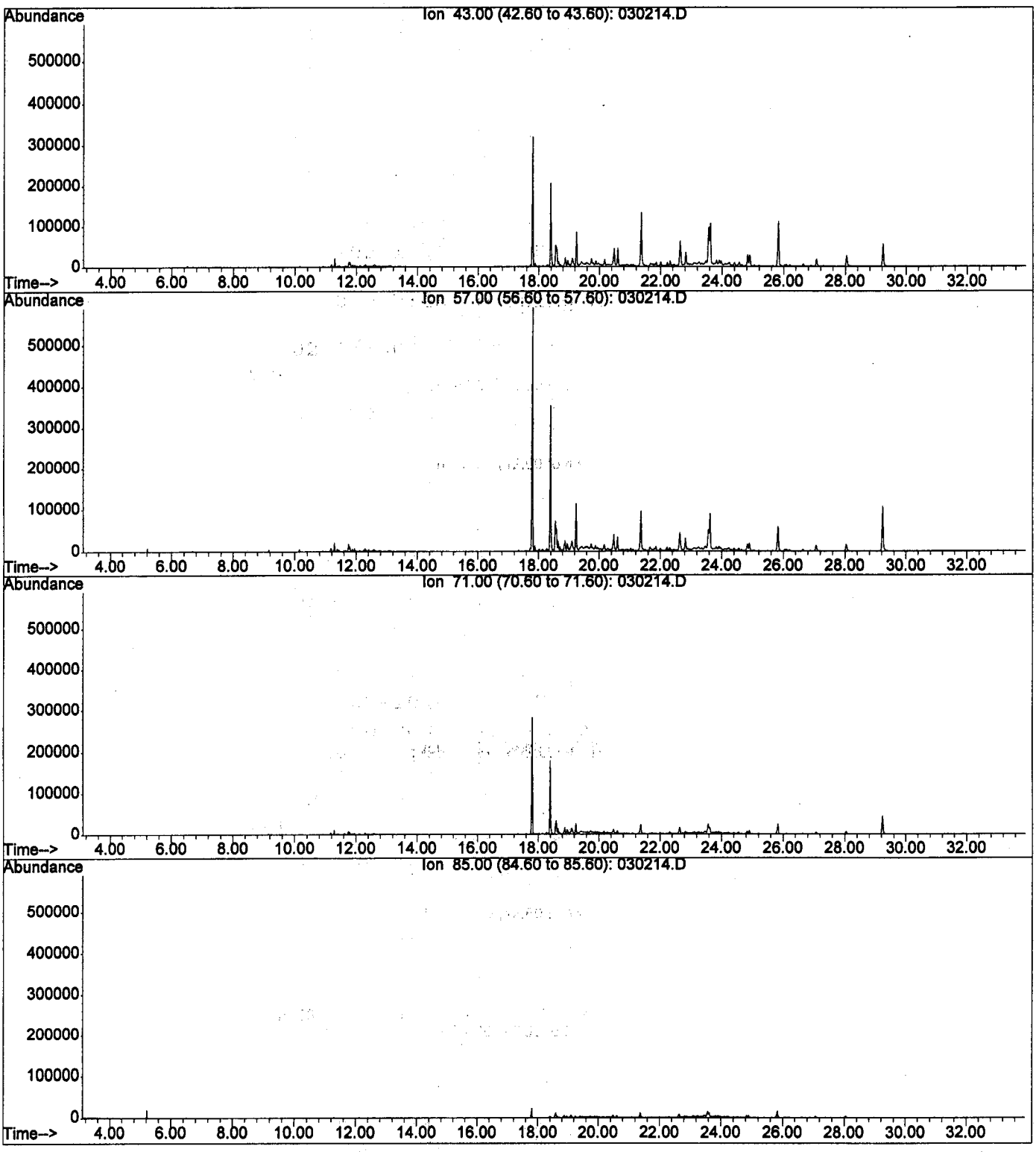
File : D:\DATA\03-02-10\030213.D
Operator : YA
Acquired : 2 Mar 2010 7:07 pm using AcqMethod 0222BNA
Instrument : GCMS3
Sample Name: 002242-01 1/100
Misc Info : product
Vial Number: 10



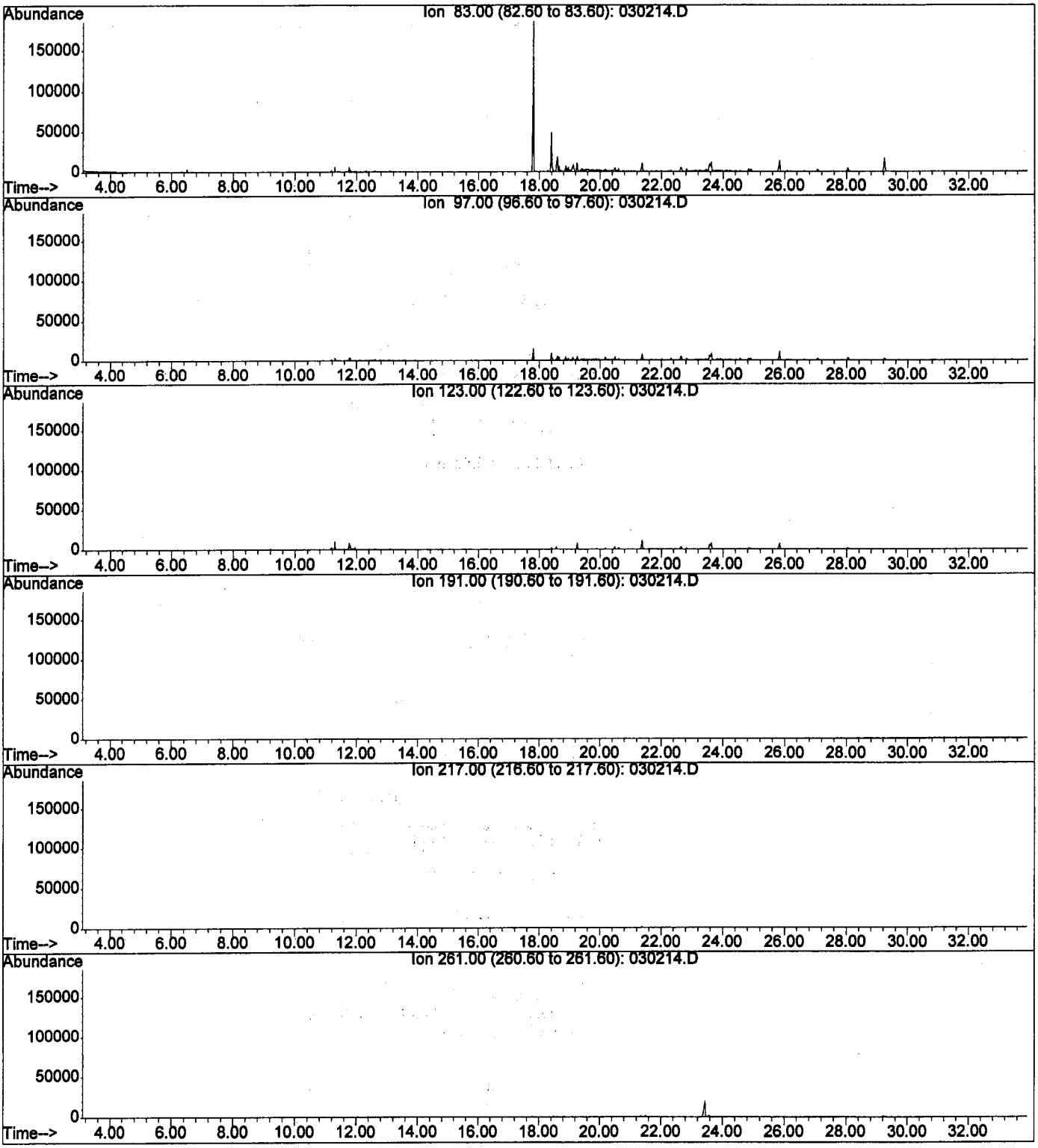
File : D:\DATA\03-02-10\030213.D
Operator : YA
Acquired : 2 Mar 2010 7:07 pm using AcqMethod 0222BNA
Instrument : GCMS3
Sample Name: 002242-01 1/100
Misc Info : product
Vial Number: 10



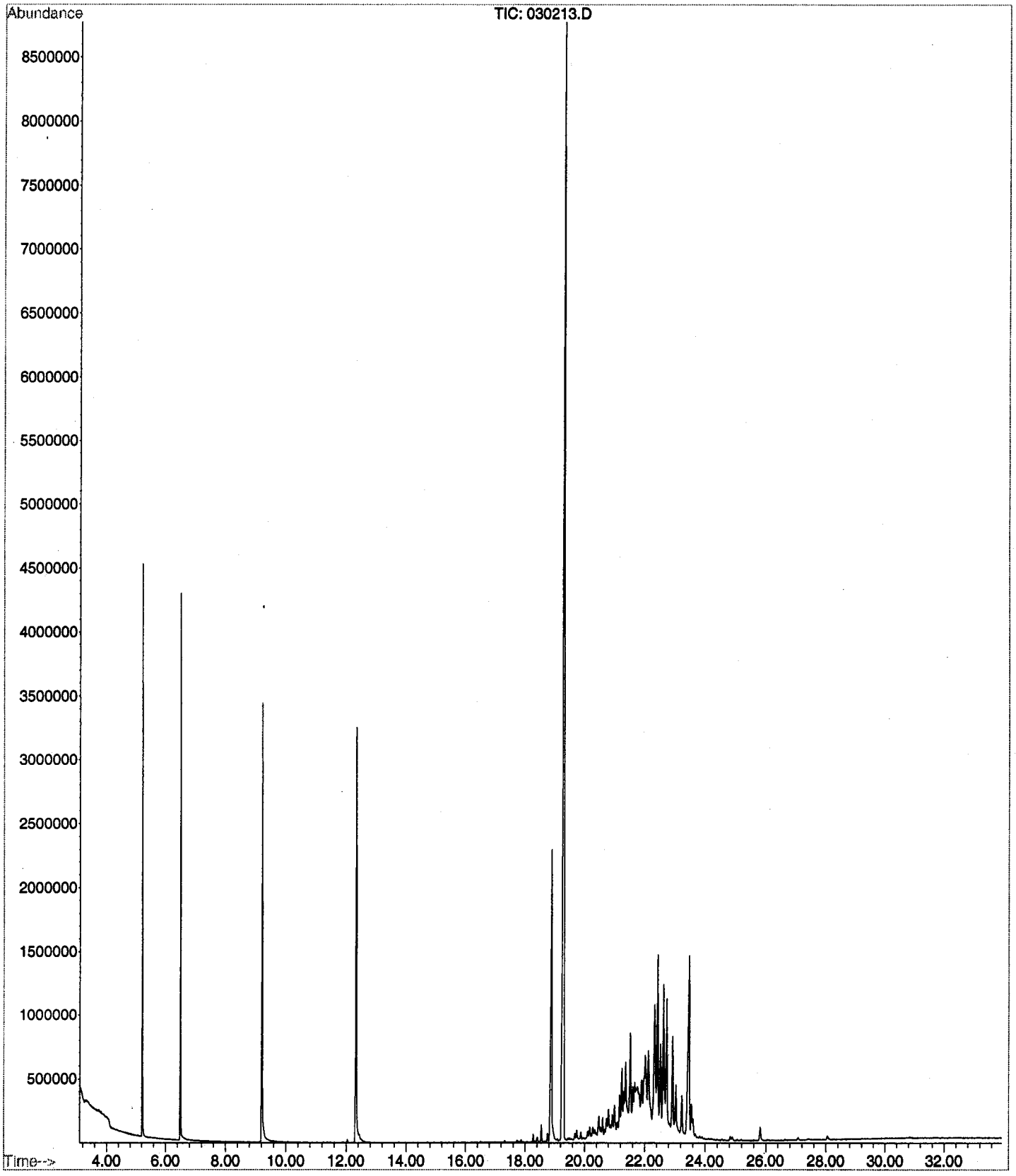
File : D:\DATA\03-02-10\030214.D
Operator : YA
Acquired : 2 Mar 2010 7:48 pm using AcqMethod 0222BNA
Instrument : GCMS3
Sample Name: 002242-02 1/100
Misc Info : product
Vial Number: 11



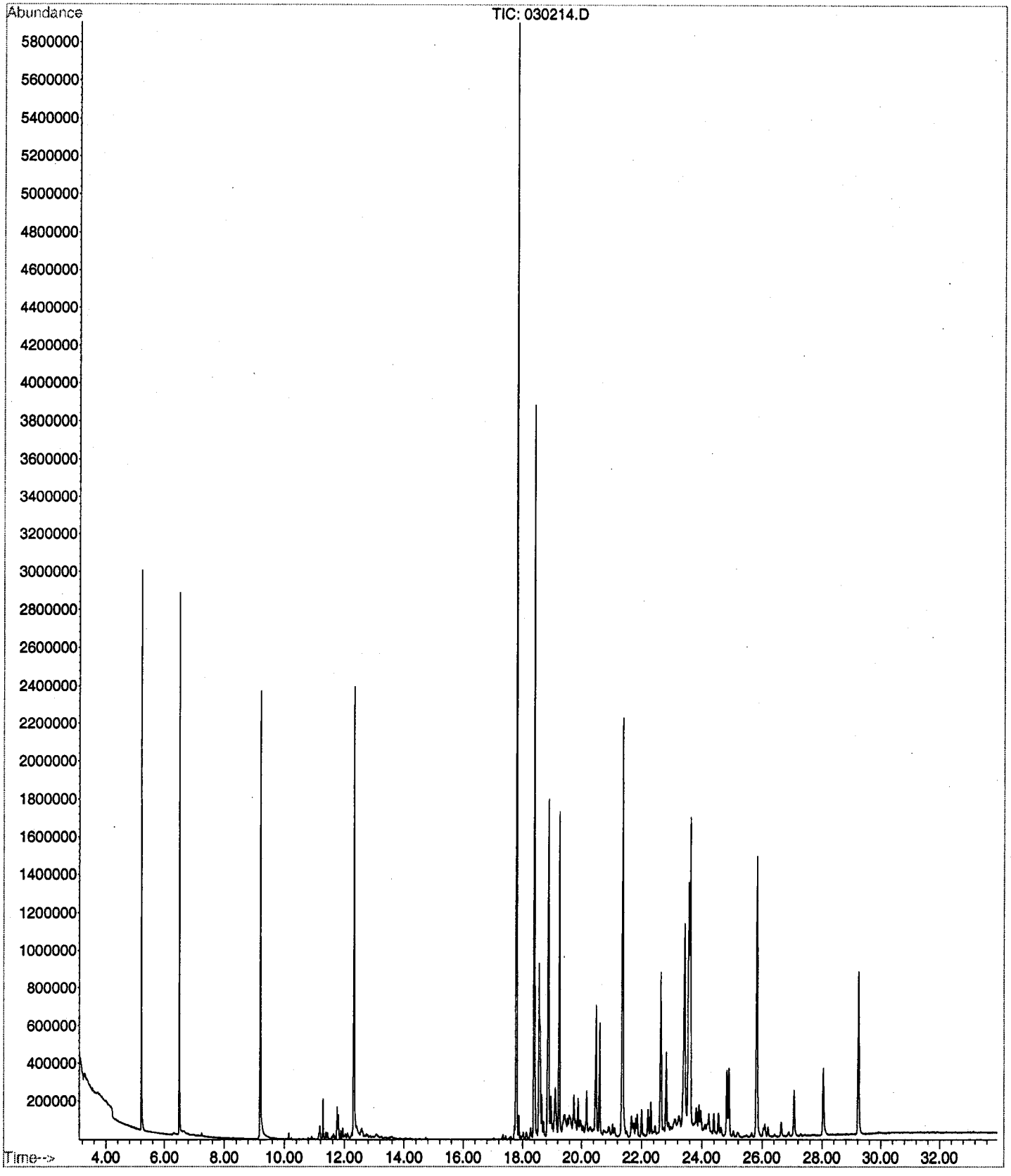
File : D:\DATA\03-02-10\030214.D
Operator : YA
Acquired : 2 Mar 2010 7:48 pm using AcqMethod 0222BNA
Instrument : GCMS3
Sample Name: 002242-02 1/100
Misc Info : product
Vial Number: 11



File : F:\DATA\03-02-10\030213.D
Operator : YA
Acquired : 2 Mar 2010 7:07 pm using AcqMethod 0222BNA
Instrument : GCMS3
Sample Name: 002242-01 1/100
Misc Info : product
Vial Number: 10



File : F:\DATA\03-02-10\030214.D
Operator : YA
Acquired : 2 Mar 2010 7:48 pm using AcqMethod 0222BNA
Instrument : GCMS3
Sample Name: 002242-02 1/100
Misc Info : product
Vial Number: 11



002242

CHAIN OF CUSTODY

MP 02/25/10 D02

Page # 1 of 1

Send Report To

Company Ecosystems Strategies, Inc.

Address 24 Davis Avenue

City, State, ZIP Poughkeepsie, New York 12603

Phone # (845)452-1658 Fax # (845)-485-7083

SAMPLERS (signature) [signature]

PROJECT NAME/NO. 49 Dupont Street / SB09110

PO #

REMARKS

TURNAROUND TIME
X Standard (2 Weeks)
☐ RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
☐ Dispose after 30 days
☐ Return samples
X Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	GCMS Fingerprint						Notes
RW-12	01	2/15/10	10:45	Free Product	1, 8oz							X						
MW-4	02	2/22/10	11:22	Free Product	1, 8oz							X						

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:				
Received by: [signature]	Nhan Phan	FeBI	2/25/10	1500
Relinquished by:				
Received by:		Samples received at 20 °C		

FORMS\COC\COC.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

April 22, 2010

Emery Lawson, Project Manager
Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603

Dear Ms. Lawson:

Included are the results from the additional testing of material submitted on February 25, 2010 from the 49 Dupont Street/SB09110, F&BI 002242 project. There are 3 pages included in this report.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Bradley T. Benson
Chemist

Enclosures
es/BTB
NAA0422R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	RW-12	Client:	Ecosystems Strategies, Inc.
Date Received:	02/25/10	Project:	49 Dupont Street/SB09110
Date Extracted:	03/02/10	Lab ID:	002242-01 1/100
Date Analyzed:	03/02/10 19: 07	Data File:	030213.D
Matrix:	Product	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	0 vo	27	76
Phenol-d6	0 vo	13	58
Nitrobenzene-d5	0 vo	55	115
2-Fluorobiphenyl	0 vo	51	113
2,4,6-Tribromophenol	0 vo	28	107
Terphenyl-d14	0 vo	45	119

Compounds:	Concentration mg/kg (ppm)
Dimethyl phthalate	<1,000
Di-n-butyl phthalate	<1,000
Benzyl butyl phthalate	<1,000
Bis(2-ethylhexyl) phthalate	160,000 ve
Di-n-octyl phthalate	7,800

Note: The surrogate compounds have not been added to the sample.

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	MW-4	Client:	Ecosystems Strategies, Inc.
Date Received:	02/25/10	Project:	49 Dupont Street/SB09110
Date Extracted:	03/02/10	Lab ID:	002242-02 1/100
Date Analyzed:	03/02/10 19: 48	Data File:	030214.D
Matrix:	Product	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	0 vo	27	76
Phenol-d6	0 vo	13	58
Nitrobenzene-d5	0 vo	55	115
2-Fluorobiphenyl	0 vo	51	113
2,4,6-Tribromophenol	0 vo	28	107
Terphenyl-d14	0 vo	45	119

Compounds:	Concentration mg/kg (ppm)
Dimethyl phthalate	<1,000
Di-n-butyl phthalate	<1,000
Benzyl butyl phthalate	<1,000
Bis(2-ethylhexyl) phthalate	48,000
Di-n-octyl phthalate	65,000

Note: The surrogate compounds have not been added to the sample.

Analysis For Semivolatile Compounds By EPA Method 8270D

Client Sample ID:	Method Blank	Client:	Ecosystems Strategies, Inc.
Date Received:	Not Applicable	Project:	49 Dupont Street/SB09110
Date Extracted:	03/02/10	Lab ID:	00293mb
Date Analyzed:	03/02/10	Data File:	030210.D
Matrix:	Product	Instrument:	GCMS3
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	0 vo	27	76
Phenol-d6	0 vo	13	58
Nitrobenzene-d5	0 vo	55	115
2-Fluorobiphenyl	0 vo	51	113
2,4,6-Tribromophenol	0 vo	28	107
Terphenyl-d14	0 vo	45	119

Compounds:	Concentration mg/kg (ppm)
Dimethyl phthalate	<10
Di-n-butyl phthalate	<10
Benzyl butyl phthalate	<10
Bis(2-ethylhexyl) phthalate	<100
Di-n-octyl phthalate	<10

Note: The surrogate compounds have not been added to the sample.

002242

CHAIN OF CUSTODY

MP 02/25/10 D02

Page # 1 of 1

Send Report To

Company Ecosystems Strategies, Inc.

Address 24 Davis Avenue

City, State, ZIP Poughkeepsie, New York 12603

Phone # (845)452-1658 Fax # (845)-485-7083

SAMPLERS (signature) [signature]

PROJECT NAME/NO. 49 Dupont Street / SB09110

PO #

REMARKS

TURNAROUND TIME
X Standard (2 Weeks)
☐ RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
☐ Dispose after 30 days
☐ Return samples
X Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	GC MS Fingerprint						Notes
RW-12	01	2/15/10	10:45	Free Product	1,8oz							X						
MW-4	02	2/22/10	11:22	Free Product	1,8oz							X						

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:				
Received by: [signature]	Nhan Phan	FeBI	2/25/10	1500
Relinquished by:				
Received by:		Samples received at 20 °C		

FORMS\COC\COC.DOC

SB09110

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
e-mail: fbi@isomedia.com

May 10, 2012

Kim Punchar
Ecosystems Strategies, Inc.
24 Davis Ave.
Poughkeepsie, NY 12603

Dear Ms. Punchar:

Included are the results from the testing of material submitted on April 30, 2012 from the 49-55 Dupont Street SB09110.50, F&BI 204418 project. The product sample submitted for forensic evaluation arrived in good condition. Upon arrival, the sample MW-20 was placed in a refrigerator maintained at 4°C until removed for sample processing.

The sample MW-20 was diluted and analyzed using a gas chromatograph with a flame ionization detector (GC/FID). The data generated yielded information on the boiling range and general chemical composition of the material present. The GC/FID traces are enclosed. A GC/FID trace of a standard consisting of normal alkanes is also provided for reference purposes. In addition, the sample MW-20 was analyzed using a GC fitted with a mass spectrometer (MS).

Based on the GC/FID trace, the sample MW-20 contains a single peak which is consistent with an individual compound and is not consistent with common petroleum products. Review of the GC/MS screen shows that the product present in the sample MW-20 contains primarily bis (2-ethylhexyl) phthalate.

Please contact us if additional consultation is needed by our firm in the interpretation of the analytical results provided. We appreciate this opportunity to be of service to you and hope you will call if you should have any questions. We will hold your samples for 30 days before disposal unless directed otherwise.

Sincerely,

FRIEDMAN & BRUYA, INC.

Bradley T Benson

Bradley T. Benson, Chemist

Enclosures
mcp/BTB
NAA0510R.DOC

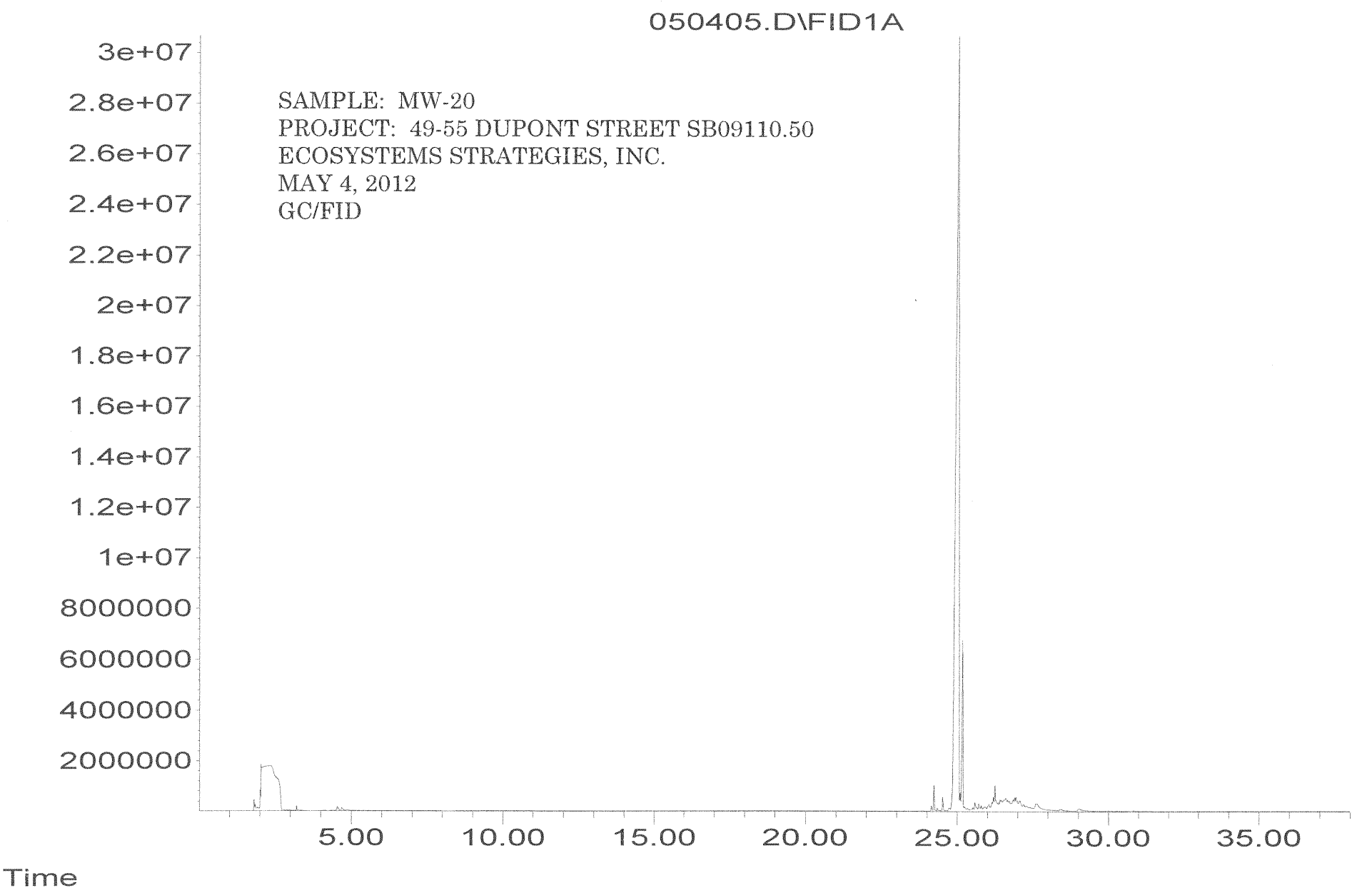
FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/10/12
Date Received: 04/30/12
Project: 49-55 Dupont Street SB09110.50, F&BI 204418
Date Extracted: 05/04/12
Date Analyzed: 05/04/12

RESULTS FROM THE ANALYSIS OF THE PRODUCT SAMPLE FOR FORENSIC EVALUATION BY CAPILLARY GAS CHROMATOGRAPHY USING A FLAME IONIZATION DETECTOR (FID)

Sample ID	GC Characterization
MW-20	The GC trace using the flame ionization detector (FID) showed the presence of medium boiling compound. The material present in this sample is consistent with an individual compound and is consistent with common petroleum products. The medium boiling compounds appear as a single peak eluting near n-C_{25}. This correlates with a temperature of approximately 400°C. The large peak seen near 25 minutes on the GC/FID trace is pentacosane, added as a quality assurance check for this GC analysis.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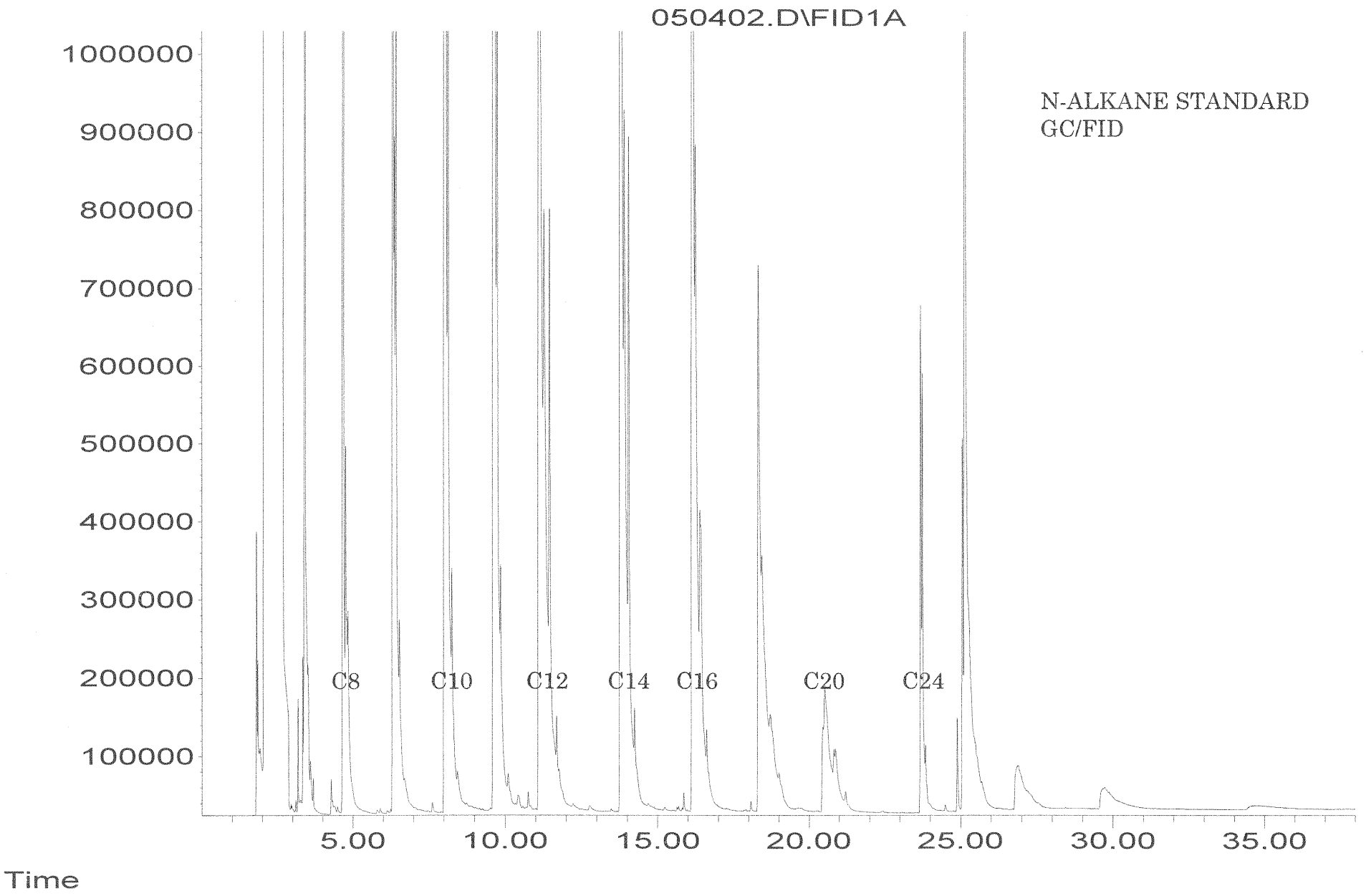
6000000
4000000
2000000
SAMPLE: MW-20
PROJECT: 49-55 DUPONT STREET SB09110.50
ECOSYSTEMS STRATEGIES, INC.
MAY 4, 2012
GC/FID
5.00
10.00
15.00
20.00
25.00
30.00
35.00
Time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GC/FID
C8
C10
C12
C14
C16
C20
C24
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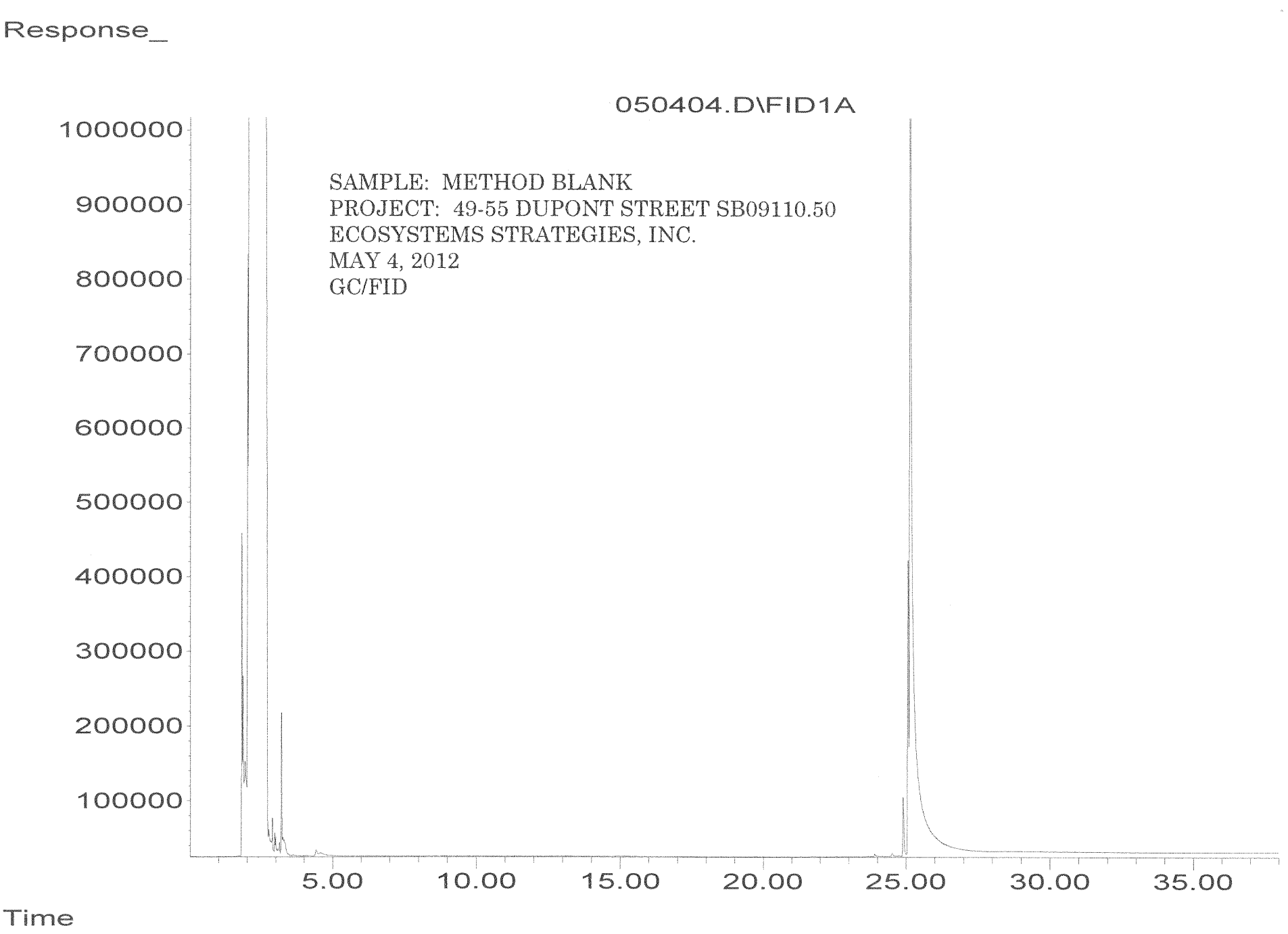
Time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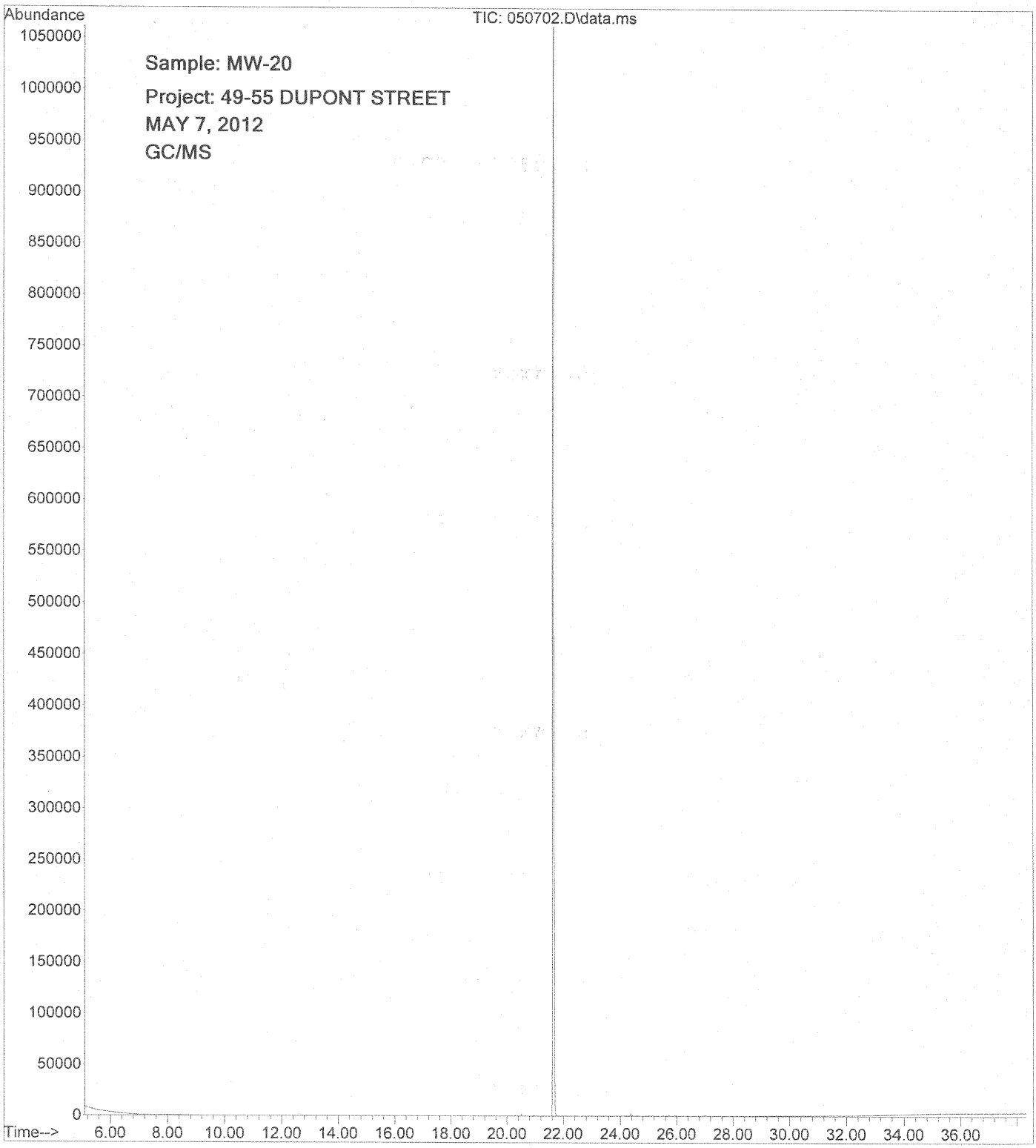
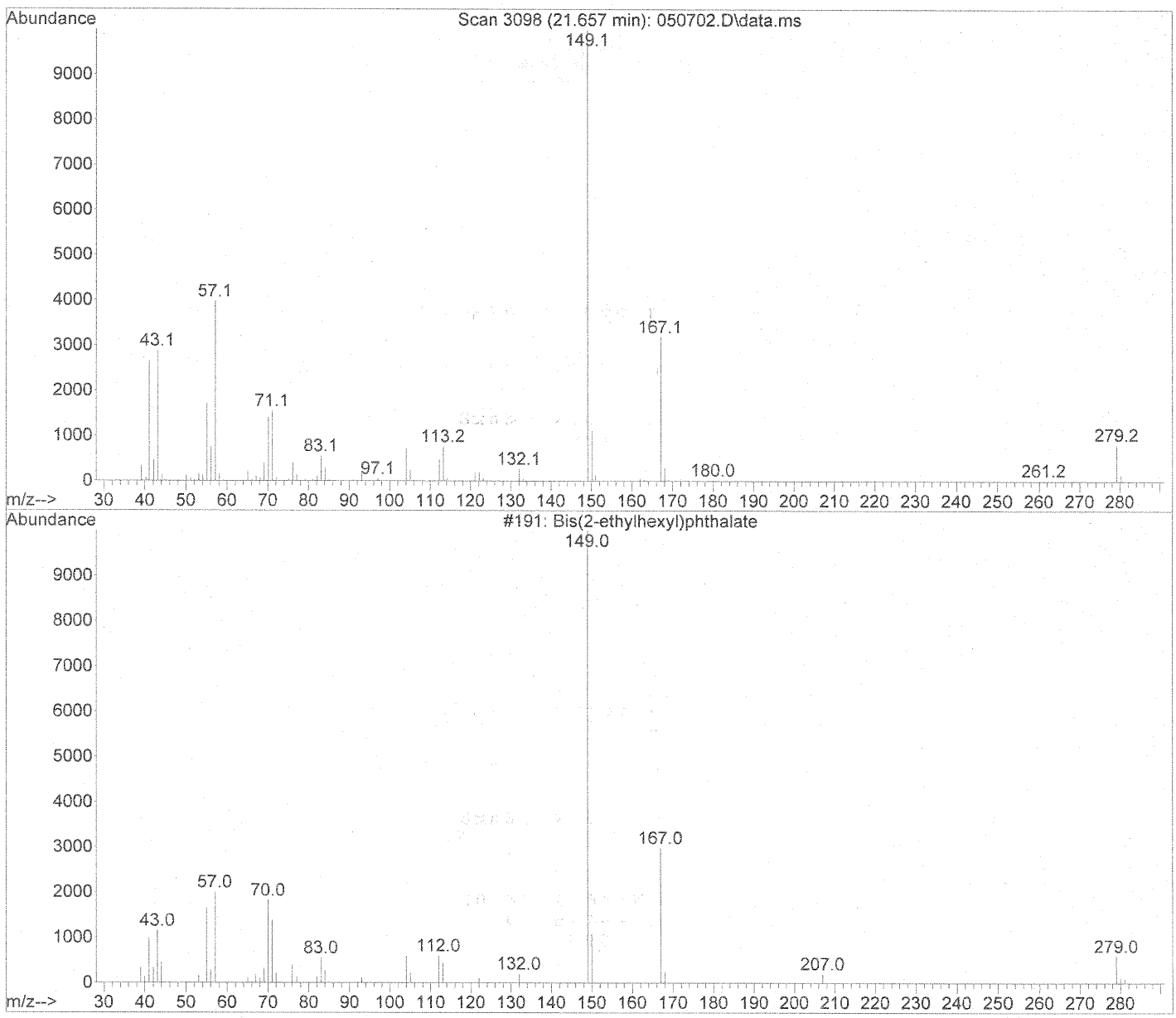
SAMPLE: METHOD BLANK
PROJECT: 49-55 DUPONT STREET SB09110.50
ECOSYSTEMS STRATEGIES, INC.
MAY 4, 2012
GC/FID
5.00
10.00
15.00
20.00
25.00
30.00
35.00
Time

File :D:\GCMS8\Data\05-07-12\050702.D
Operator : YA
Acquired : 7 May 2012 5:18 pm using AcqMethod BNAPSCAN.M
Instrument : GCMS8
Sample Name: 204418-01
Misc Info :
Vial Number: 2



Library Searched : C:\Database\8270_DRS.L
Quality : 91
ID : Bis(2-ethylhexyl)phthalate



Name	Bis(2-ethylhexyl)phthalate
CAS Number	000117-81-7
Entry Number	191
Molecular Formula	C24H38O4
Misc Information	
Match Quality	91
Company ID	8270.msp
Retention Index	726.42
Melting Point	
Boiling Point	
Molecular Weight	390.00

204418

SAMPLE CHAIN OF CUSTODY

MP 04/30/12

A02

Page # 1 of 1

Send Report To

Company Ecosystems Strategies, Inc

Address 24 Davis Ave.

City, State, ZIP Pough Keepsie, NY 12603

Phone # 845-452-1658 Fax # 845-485-7083

SAMPLERS (signature) M. Party

PROJECT NAME/NO. 49-55 Dupont Street SB09110.50

PO #

REMARKS

TURNAROUND TIME
X Standard (2 Weeks)
RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
Dispose after 30 days
Return samples
X Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	~~GSMS-GC/FTP~~ Fingerprint	GC/MS Scan					Notes
MW-20	01	4-27-12	12:00	Free Product	1, 8oz							X	✓					* ✓ per form AR 5/7/12

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:				
Received by: [signature]	Nhan Phan	FeBI	4/30/12	1310
Relinquished by:				
Received by:				

FORMS\COC\COC.DOC

Samples received at 20

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Emery Lawson

Report Date: 03/23/2010
Client Project ID: SB09110
York Project (SDG) No.: 10B0508
Revision No. 1.0

Report Date: 03/23/2010
Client Project ID: SB09110
York Project (SDG) No.: 10B0508

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Emery Lawson

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 February 17, 2010 and listed below. The project was identified as your project: **SB09110**.

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 customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
10B0508-06	RW-7	Oil	02/16/2010	02/17/2010

General Notes for York Project (SDG) No.: 10B0508

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the 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, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.

Approved By: 

Date: 03/23/2010

Robert Q. Bradley
Managing Director

YORK

Sample Information

Client Sample ID: RW-7 **York Sample ID:** 10B0508-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0508	SB09110	Oil	February 16, 2010 3:00 pm	02/17/2010

Semi-Volatiles, Phthalate Target List

Sample Notes:

Sample Prepared by Method: Waste Dilution

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg	0.00695	50.0	1	EPA SW-846 8270C-SIM	03/11/2010 16:30	03/15/2010 20:44	TD
103-23-1	bis-(2-Ethylhexyl) adipate	ND		mg/kg	0.00714	50.0	1	"	03/11/2010 16:30	03/15/2010 20:44	TD
117-81-7	**Bis(2-ethylhexyl)phthalate**	**130**		mg/kg	0.00558	50.0	1	"	03/11/2010 16:30	03/15/2010 20:44	TD
84-66-2	Diethyl phthalate	ND		mg/kg	0.00875	50.0	1	"	03/11/2010 16:30	03/15/2010 20:44	TD
131-11-3	Dimethyl phthalate	ND		mg/kg	0.00480	50.0	1	"	03/11/2010 16:30	03/15/2010 20:44	TD
84-74-2	**Di-n-butyl phthalate**	**30.0**	J	mg/kg	0.00498	50.0	1	"	03/11/2010 16:30	03/15/2010 20:44	TD
117-84-0	Di-n-octyl phthalate	ND		mg/kg	0.00750	50.0	1	"	03/11/2010 16:30	03/15/2010 20:44	TD

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ANALYTICAL LABORATORIES, INC.

Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 10B0508

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: Ecosystems Strategies	SAME [X]	SAME [ ]	SB09110	RUSH Same Day ____	Summary X
Address: 24 Davis Avenue	Name:	Name: Brenda Wells		RUSH Next Day ____	QA/QC Summary ____
Poughkeepsie, NY 12603	Company:	Company: Ecosystems Strategies		RUSH Two Day ____	CT RCP Pkg ____
Phone no.: (845)452-1658	Address:	Address:	Purchase Order no.	RUSH Three Day ____	ASP A Pkg ____
Contact Person Emery Lawson				RUSH Four Day ____	ASP B Pkg ____
E-mail Addr.:	E-mail:	E-mail		Standard (5-7 days) X	Excel X
FAX No.: (845)-485-7083	Fax No.:	Fax No.:	Samples from:CT__NY__NJ__	OTHER	EDD

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Emery Lawson
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb.	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded Not Detected Compounds	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW-3	2/15/2010	GW	VOCs (8260 full), SVOCs (8270)	2, 40ml vials and Amber Liters
MW-10	2/15/2010	GW	VOCs (8260 full), SVOCs (8270)	2, 40ml vials and Amber Liters
MW-12	2/15/2010	GW	VOCs (8260 full), SVOCs (8270)	2, 40ml vials and Amber Liters
MW-13	2/15/2010	GW	VOCs (8260 full), SVOCs (8270)	2, 40ml vials and Amber Liters
MW-14	2/15/2010	GW	VOCs (8260 full), SVOCs (8270)	2, 40ml vials and Amber
RW-7	2/16/2010	Other - Free Product	SVOCs (Phthalates, USEPA 8270 Selected Ion Monitoring)	8 oz jar

Comments

Preservation "X" those applicable: 4°C ____ HNO3 ____ H2SO4 ____ NaOH ____ NONE X FROZEN ____

Samples Relinquished By — Date/Time 2/17/10 3:05

Samples Received By — Date/Time 2-17-10 15:00

Samples Relinquished By — Date/Time

Samples Received in LAB by — Date/Time 2/17/10-1700

Temperature on Receipt 3.6 °C

APPENDIX F

Remedial Investigation Report – Lot 57

GZA – December 2016

93 DUPONT STREET – BLOCK 2487, LOT 57

BROOKLYN, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: (17TMP0160K)

Prepared for:

DUPONT STREET DEVELOPERS, LLC
87-10 Queens Blvd
Elmhurst, NY 11373

Prepared by:

Goldberg Zoino & Associates of New York, P.C. d/b/a
GZA GeoEnvironmental of New York
104 West 29th Street, 10th Floor
New York, New York 10001

December 2016

REMEDIAL INVESTIGATION REPORT

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Table 5B Summary of Semivolatile Organic Compounds Detected in Groundwater

Table 5C Summary of Metals Detected in Groundwater

Table 5D Summary of Polychlorinated Biphenyl Compounds Detected in Groundwater

Table 5E Summary of Pesticides Detected in Groundwater

Table 6 Summary of Soil Vapor Results

APPENDICES

- Appendix A Phase 1 Report
- Appendix B Phase II Report
- Appendix C Health and Safety Plan
- Appendix D Soil Boring Geologic Logs
- Appendix E Laboratory Data Deliverables
- Appendix F Redevelopment Plan

LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
CAMP	Community Air Monitoring Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CSM	Conceptual Site Model
DER-10	New York State Department of Environmental Conservation Technical Guide 10
FID	Flame Ionization Detector
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
NAPL	Non-aqueous Phase Liquid
NYC VCP	New York City Voluntary Cleanup Program
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
NYS DOH ELAP	New York State Department of Health Environmental Laboratory Accreditation Program
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OSHA	Occupational Safety and Health Administration
PID	Photoionization Detector
PCBs	Polychlorinated Biphenols
PCE	Tetrachloroethene
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RIR	Remedial Investigation Report
RRSCOs	Restricted Residential Soil Cleanup Objectives

SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database
SVI	Soil Vapor Intrusion (Guideline)
SVOC	Semi-Volatile Organic Compound
TCE	Trichloroethene
UUSCOs	Unrestricted Use Soil Cleanup Objectives
USTs	Underground Storage Tanks
VOC	Volatile Organic Compound

CERTIFICATION

I, David M. Winslow, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(tt). I have primary direct responsibility for implementation of the Remedial Investigation for 93 Dupont Street (Site). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

David M. Winslow 12/15/16 

Qualified Environmental Professional Date Signature

EXECUTIVE SUMMARY

The Remedial Investigation Report (RIR) provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy pursuant to RCNY§ 43-1407(f). The remedial investigation (RI) described in this document is consistent with applicable guidance.

Site Location and Current Usage

The Site is located at 93 Dupont Street in the Greenpoint section of Brooklyn, New York and is identified as Block 2487 and Lot 57 on the New York City Tax Map. The Site is 13,000-square feet and is bounded by residential buildings to the north, Dupont Street to the south, residential buildings to the east, and vacant industrial buildings, also owned by the Dupont Street Developer, LLC, to the west. Currently, the Site is a vacant former warehouse that is a single open room with a narrow elevated catwalk on the north side of the room. The building is constructed primarily of concrete block with a concrete floor.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of a new multifamily residential building. The current zoning designation is M1-2/R6A, Industrial and Manufacturing, as well as, Residential. The proposed use is consistent with existing zoning for the property and includes a planned five story, market rate, residential building with one basement floor constructed to approximately 5 feet below grade, which will contain indoor utility/mechanical and residential amenities, bicycle parking, and storage space within the majority of the building footprint. The remainder of the rear lot will be built at the basement depth and completed as outdoor parking with 18 parking spaces. There will be 27 residential units in the building with a gross construction floor area of about 31,623 square feet.

The building height will be approximately 50 feet, with a building footprint of 130 feet wide and 52 feet deep and a 5-foot setback in the front. A 38 foot deep backyard will be completed at a vertical depth of about 5 feet below current grades. There will be a 17 foot wide driveway on the east side of the lot that ramps down to the backyard parking area from street grade. The finished surface cover in the backyard will be concrete slab. The front yard will be completed with concrete paving and ramps.

It is anticipated that demolition of the existing structure will take place prior to excavation across the entire lot, with an excavation depth of approximately 5.5 feet planned. The excavation quantity is estimated (based on a 13,000 sf site footprint and 5.5-ft depth) to be about 2,700 cubic yards (or about 4,300 tons). Excavation is anticipated to be at or extend below the water table in some portions of the building.

Summary of Past Uses of Site and Areas of Concern

The adjoining properties have different uses. Immediately to the north are residential properties with the residential structures close to Clay Street with at least partially vegetated backyards that extend to the existing Site building. These properties are zoned R6B. The properties on the north side of Clay Street are zoned M1-2/R6 and include mixed commercial operations and potential residential properties. South of the Site is Dupont Street with residential properties and a senior housing center. These properties are zoned R6B. Residential properties are also located to the east with the same R6B zoning. To the west are additional vacant industrial buildings owned by the Dupont Street Developer, LLC that were formerly used by the Nuhart & Company Plastics Manufacturing Company. A series of investigations on Lots [1, 10, 12, 17, 18, 20, 21, 72, and 78] of the Nuhart factory building have identified environmental impacts that are currently being managed under NYS DEC authority within the Inactive Hazardous Waste Site Program (Registry site) and Petroleum Spills program. Known contamination includes Phthalates (bis(2-ethylhexyl) phthalate (DEHP), Di-n-octyl phthalate) and Hecla oil, and Trichloroethylene (TCE) plumes, as well as a petroleum spill [and tanks]. These properties are zoned M1-2/R6A. The Office of Environmental Remediation's (NYC OER's) SPEED database did not identify schools, hospitals, or day care facilities within 500 feet of the site.

Seventeen (17) underground storage tanks (USTs) and associated sub-grade pipe trenches were cleaned out and closed in place at the Nuhart factory Registry site (to the west of the subject site) in 2006; this work was conducted under NYSDEC oversight. The tanks included 8 USTs formerly containing plasticizers (phthalates) and 4 USTs containing "Super Hecla" oil (a heavy-weight machine lubricant) located at the Registry site and 5 USTs (3 fuel oil tanks and 2 chemical tanks containing methyl tert-butyl ketone and acetone) located in the associated NuHart manufacturing buildings (Lots 20 and 21). Spill #0601852 was reported to the NYSDEC for a petroleum release associated with the fuel oil USTs. The closest distance

from the identified tanks (on Lot 21) to the subject Site (the Lot 57 lot line) is approximate 150 feet.

Phthalates and lubricating oil (Hecla oil), most likely released from the Registry site's tank and piping/trench systems, are present as a light non-aqueous-phase liquid (LNAPL) plume floating on the groundwater surface. The LNAPL plume is present beneath much of the Registry Site, particularly in the western half of the Registry site where most of the phthalate and lubricating oil-related infrastructure was present. The closest distance from the identified edges of the phthalate to the subject Site (the Lot 57 lot line) is approximate 400 feet.

The TCE (and related chlorinated solvents) plume was detected at limited solvent "hot spot" areas in the northeastern portion of the Registry site. This "hot spot" extends slightly offsite beneath the sidewalk on the south side of Clay Street, but does not extend to the north side of Clay Street, or to the east of the Registry site. The distance from the identified edges of the TCE to the subject Site (the Lot 57 lot line) is approximate 200 feet.

Based on information presented in a 2005 Phase I Environmental Site Assessment prepared by FPM Group for the larger Nuhart & Company facility, the subject Site was used as a storage warehouse until it became vacant in 2004; no manufacturing took place within Lot 57. Prior to Dupont Street Developer, LLC owning the Site, the property was owned by 49 Dupont Realty Corp and Stralin Realty – both reportedly operating it as Nuhart & Company, Inc. Prior to March 1961 the Site was owned by Matthew and Julia Much. Historic documents suggest that while operated by Nuhart & Company, the subject Site was solely used as warehouse storage.

Based on the Phase I Site reconnaissance and review of previous investigations, it appears the entire building on Lot 57 was used to store finished materials and there were no specific areas where former site activities are suspected to have resulted in the release of contaminated media. Based on the previous waste characterization work conducted at the subject Site, there is the potential for historic urban fill material of unknown origin to have been placed on the subject Site during or prior to construction of the existing on-site building.

Summary of the Work Performed under the Remedial Investigation

Roux and FPM on behalf of Dupont Street Developer, LLC performed the following scope of work in accordance with the remedial investigation work plan transmitted to NYC OER on February 10, 2016.

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);

2. Installed eight soil borings at the project Site, and collected a total of 21 soil samples and two field duplicates for chemical analysis from the soil borings to evaluate soil quality;

3. Installed five groundwater monitoring wells across the Site to establish groundwater flow and collected a total of five groundwater samples and one field duplicate for chemical analysis to evaluate groundwater quality; and

4. Installed seven soil vapor probes around the Site perimeter and collected a total of seven soil vapor samples and three ambient air samples for chemical analysis.

Summary of Environmental Findings

Three distinct geologic strata were encountered at the Site between land surface (sidewalk grade) and a maximum depth of 15 feet. These strata include from land surface downward:

- Fill material, commonly referred to as "historic fill", which is present across most of the Site with a thickness that ranges from approximately 1 to 4 feet.
- A brown sand and silt strata, with trace amounts of gravel, underlies the "historic fill" strata and extends downward with a thickness of approximately 10 to 13 feet.
- A brown clayey silt strata underlies the sand and silt strata and extends downward to the maximum depth of borings drilled at the Site.
- The average depth to groundwater is about 6.2 feet and the range in depth is from 4.4 ft to 8.74 ft. Groundwater flow, based on the measured depths, is from east to west.

Soil/fill samples collected during the RI were compared to the NYSDEC Part 375-6 Unrestricted Use and Restricted Residential Use (Track 2) Soil Cleanup Objectives (UUSCOs and RRSCOs). There were no UUSCOs exceedances for volatile organic compounds (VOCs) and polychlorinated biphenyls (PCBs), and no RRSCOs exceedances for Pesticides. The semi-volatile organic compounds (SVOCs), benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-c,d)pyrene] were detected at concentrations above their respective UUSCOs and RRSCOs in three of the soil borings at shallow levels; chrysene and

dibenz(a,h)anthracene were detected above their respective UUSCOs and RRSCOs from a shallow fill sample collected from 0 to 2 ft bgs; benzo(k)fluoranthene was detected above its UUSCO but below the RRSCO in two samples at 0 to 2 ft bgs; and chrysene was detected above its UUSCO, but below its RRSCO, in one sample at 0-2 ft bgs. Overall, the SVOCs exceedances were observed from the shallow fill soil (0-2 ft bgs). There were no SVOCs exceedance in the intermediate or deep soil samples (4-12 ft bgs) tested. Bis(2-ethylhexyl) phthalate was detected with the maximum concentration of 2,000 µg/kg and was below the Residential Supplemental SCO level. Bis(2-ethylhexyl) phthalate and Di-n-octyl phthalate have been detected in contaminated soil and groundwater beneath the NuHart manufacturing buildings to the west, however, on-going monitoring at the site shows no indication that the low-level soil contamination identified on Lot 57 is associated with those source areas.

Five metals (barium, lead, copper, mercury, and zinc) were detected above Track 1 UUSCOs. Only barium (max. 490 mg/kg) and lead (max. 2500 mg/kg) were detected above the RRSCOs. Overall, the findings are consistent with observations for readily available public documents from other historic fill sites in NYC and did not indicate an on-Site release of hazardous substances.

Groundwater samples collected during the RI showed no observation of VOCs, PCBs, and Pesticides that exceed the NYSDEC Ambient Water-Quality Standards and Guidance Values (AWQSGVs). Two out of the five monitoring wells contained SVOC detections exceeding AWQSGVs. Specifically, phenol (3.5µg/L) was found exceeding AWQSGVs in one onsite monitoring well. Other SVOCs exceedances were observed from offsite monitoring well MW-102 (located within the Nuhart property, on adjacent Lot 17 to the west); where benzo[a]anthracene (0.11 µg/L), benzo[a]pyrene (0.11 µg/L), benzo[b]fluoranthene (0.15 µg/L), benzo[k]fluoranthene (0.06 µg/L), chrysene (0.1 µg/L), and indeno[1,2,3-cd]pyrene (0.08 µg/L) were detected. The SVOC concentrations detected above the AWQSGVs were reported as estimated by the laboratory. Bis(2-ethylhexyl) phthalate was detected at 3.9 µg/L and 4.7 µg/L in two onsite monitoring wells, both detections were below the NYSDEC AWQSGV of 5 µg/L. Di-n-octyl phthalate was not detected in any of the groundwater samples on the site. Bis(2-ethylhexyl) phthalate and Di-n-octyl phthalate have been detected in the phthalate plume beneath the Nuhart Registry site to the west, however, on-going monitoring at the site shows no indication that the low-level groundwater contamination identified on Lot 57 are associated with the plume.

Dissolved metals were observed around or slightly above their NYSDEC AWQSGVs. Specifically, antimony ranged from 0.0031 µg/L to 0.0036 µg/L. Iron was detected at 0.338 µg/L. Selenium ranged from 0.017 µg/L to 0.043 µg/L. For the offsite monitoring well (MW-102), lead was detected at 0.0255 µg/L and manganese was detected at 0.3949 µg/L.

Approximately 26 petroleum-related and chlorinated VOCs were detected above method detection limits within the seven soil vapor samples collected. Soil vapor results were compared with the NYSDOH Final Guidance on Soil Vapor Intrusion (October 2006) values. Low concentrations of petroleum-related VOCs were detected in each of the seven soil vapor samples. Benzene detections ranged from 0.783 to 2.67 micrograms per cubic meter (µg/m^3). Ethylbenzene detections ranged from 0.877 to 2.76 µg/m^3. Toluene detections ranged from 1.05 to 4.03 µg/m^3. Total xylenes detections ranged from 2.91 to 12.93 µg/m^3. The highest concentration detected was 54.5 µg/m^3 of carbon disulfide. Carbon tetrachloride was detected in one indoor air sample and two outdoor air samples, with a maximum concentration of 0.377 µg/m^3. Tetrachloroethene (PCE) was not detected in any of the soil vapor samples. PCE was detected in the indoor air sample and the outdoor air samples, with a maximum concentration of 0.224 µg/m^3. TCE was not detected in any of the samples collected at the Site. 1,1,1-trichloroethane (1,1,1-TCA) was detected in one of the soil vapor samples at a concentration of 1.42 µg/m^3. Cis-1,2-dichloroethene (Cis-1,2-DCE), 1,1-dichloroethene (1,1-DCE), and vinyl chloride were not detected in any soil vapor, indoor air, or outdoor air samples during this RI. The soil vapor survey does not indicate impacts from the TCE plume beneath neighboring areas of the factory building to the west. Based on the VOC concentrations detected and the NYSDOH decision matricies, no further action would be required. Impacts on soil, groundwater and soil vapor from petroleum and chlorinated VOCs have been previously characterized to the west and northwest beneath other areas of the Nuhart factory building.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Dupont Street Developers, LLC (the "Applicant") has requested to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.3-acre (13,000 square foot) site located at 93 Dupont Street in the Greenpoint section of Brooklyn, New York (Site). Residential use is proposed for the property. The RI work was performed between February 18, 2016 and March 11, 2016. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 93 Dupont Street in the Greenpoint section of Brooklyn, New York and is identified as Block 2487 and Lot 57 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 13,000-square feet and is bounded by residential buildings to the north, Dupont Street to the south, residential buildings to the east, and vacant industrial buildings, also owned by the Dupont Street Developer, LLC, to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is a vacant former warehouse that is a single open room with a narrow elevated catwalk on its north side. The building is constructed primarily of concrete block with a concrete floor.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of a new multifamily residential building. The current zoning designation is M1-2/R6A, Industrial and Manufacturing, as well as, Residential. The proposed use is consistent with existing zoning for the property and includes a planned five story, market rate, residential building with one basement floor constructed to approximately 5 feet below grade, which will contain indoor utility/mechanical and residential amenities, bicycle parking, and storage space within the majority of the building footprint. The remainder of the rear lot will be built at the basement depth and completed as outdoor parking with 18 parking spaces. There will be 27 residential units in the building with a gross construction floor area of about 31,623 square feet.

The building height will be approximately 50 feet, with a building footprint of 130 feet wide and 52 feet deep and a 5-foot setback in the front. A 38 foot deep backyard will be completed at a vertical depth of about 5 feet below current grades. There will be a 17 foot wide driveway on the east side of the lot that ramps down to the backyard parking area from street grade. The finished surface cover in the backyard will be concrete slab. The front yard will be completed with concrete paving and ramps.

It is anticipated that demolition of the existing structure will take place prior to excavation across the entire lot, with an excavation depth of approximately 5.5 feet planned. The excavation quantity is estimated (based on a 13,000 sf site footprint and 5.5-ft depth) to be about 2,700 cubic yards (or about 4,300 tons). Excavation is anticipated to be at or extend below the water table in some portions of the building. The existing building will be demolished prior to construction activities.

1.3 Description of Surrounding Property

The adjoining properties have different uses. Immediately to the north are residential properties with the residential structures close to Clay Street with at least partially vegetated backyards that extend to the existing Site building. These properties are zoned R6B. The properties on the north side of Clay Street are zoned M1-2/R6 and include mixed commercial operations and potential residential properties. South of the Site is Dupont Street with residential properties and a senior housing center. These properties are zoned R6B. Residential properties are also located to the east with the same R6B zoning. To the west are additional vacant industrial buildings owned by the Dupont Street Developer, LLC that were formerly used by the Nuhart & Company Plastics Manufacturing Company. A series of investigations on Lots [1, 10, 12, 17, 18, 20, 21, 72, and 78] of the adjacent Nuhart factory site have identified environmental impacts that are currently being managed under NYS DEC authority within the Superfund and Spills programs. Known contamination includes phthalate and TCE plumes, as well as a petroleum spill [and tanks]. These properties are zoned M1-2/R6A. The Office of Environmental Remediation's (NYC OER's) SPEED database did not identify schools, hospitals, or day care facilities within 500 feet of the site.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Based on information presented in a 2005 Phase I Environmental Site Assessment (Appendix A) prepared by FPM Group for the larger Nuhart & Company facility, the Site was used as a storage warehouse until it became vacant in 2004 and no manufacturing took place within Lot 57. Prior to Dupont Street Developer, LLC owning the Site, the property was owned by 49 Dupont Realty Corp and Stralin Realty – both reportedly operating it as Nuhart & Company, Inc. Prior to March 1961, the Site was owned by Matthew and Julia Much. Historic documents suggest that while operated by Nuhart & Company, the Site was solely used as warehouse storage.

2.2 Previous Investigations

Manufacturing operations took place to the west of the Site at the westerly portions of the Nuhart Plastic facility. A portion of this area is currently an Inactive Hazardous Waste registry site (the Registry site). Seventeen (17) underground storage tanks (USTs) and associated sub-grade pipe trenches were cleaned out and closed in place at the NuHart Registry site (to the west of the subject site) in 2006; this work was conducted under NYSDEC oversight. The tanks included 8 USTs formerly containing plasticizers (phthalates) and 4 USTs containing "Super Hecla" oil (a heavy-weight machine lubricant) located at the Registry site and 5 USTs (3 fuel oil tanks and 2 chemical tanks containing methyl tert-butyl ketone and acetone) located in the associated NuHart manufacturing buildings (Lots 20 and 21). Spill #0601852 was reported to the NYSDEC for a petroleum release associated with the fuel oil USTs. The closest distance from the identified tanks (on Lot 21) to the subject Site (the Lot 57 lot line) is approximate 150 feet.

Phthalates and lubricating oil (Hecla oil), most likely released from the Registry site's tank and piping/trench systems, are present as a LNAPL plume floating on the groundwater surface. The LNAPL plume is present beneath much of the NuHart Registry Site, particularly in the western half of the Registry site where most of the phthalate and lubricating oil-related infrastructure was present. The closest distance from the identified edges of the phthalate to the subject Site (the Lot 57 lot line) is approximate 400 feet.

The TCE (and related chlorinated solvents) plume was detected at limited solvent "hot spot" area in the northeastern portion of the NuHart Registry. This "hot spot" extends slightly offsite beneath the sidewalk on the south side of Clay Street, but does not extend to the north side of Clay Street, or to the east of the Registry site. The distance from the identified edges of the TCE to the subject Site (the Lot 57 lot line) is approximate 200 feet.

To date, the following investigations/studies have been conducted for the entire Former NuHart Plastic Registry site.

- Preliminary Phase I Environmental Site Assessment, prepared by RTP Environmental Associates, Inc. dated September 2004
- Phase I Environmental Site Assessment, prepared by FPM group dated April, 2005;
- Underground Tank Closure Report, prepared by Advanced Site Restoration, LLC, dated July 2006.
- Phase II Site Assessment prepared by Advanced Site Restoration, LLC., dated March 2007;
- Product Testing Report prepared by FPM Group, dated February 23, 2015;
- Test Pit Report, prepared by FPM Group, dated May 28, 2015;
- Remedial Investigative Report prepared by Ecosystems Strategies, Inc., dated July 30, 2015;
- Supplemental Remedial Investigative Reports, prepared by Ecosystems Strategies, Inc., dated October 2015;
- Feasibility Study prepared by FPM Group, dated April 2016;
- Revised Feasibility Study prepared by GZA, dated August 2016.

As part of the previous investigations conducted at the Registry site, one boring was installed at the Site. Specifically, a March 2007 Phase II Site Assessment of 49-55 Dupont Street (Appendix B), prepared by Advanced Site Restoration, LLC included one soil boring (SB-1) that was advanced within Lot 57. Two soil samples were collected from SB-1, one from 1 to 5 feet and a second from 5 to 10 feet below land surface. Soil samples were analyzed for the Spill Technology and Remediation Series Memo #1 (STARS) List for VOCs and SVOCs with no detections reported. In January 2016, a waste characterization sampling program was conducted

by Roux Associates, which included collection of six soil samples spaced uniformly across the Site. These samples were composite samples from the zero to ten foot interval. Field characterization of soils identified fill material in the upper several feet in some borings. Although some analytes were detected, there were no VOCs, SVOCs, PCBs, or pesticides detected aboveNYSDEC, UUSCOs. One of 25 metals analyzed, iron, was detected above NYSDEC Residential Use SCOs (RUSCOs).

2.3 Site Inspection

Several site inspections have been conducted by Roux Associates to evaluate areas of concern between June 2015 and March 2016; additional inspections were conducted by GZA Environmental of New York (GZA) between August 2016 and September 2016 under the direction of or conducted by the Qualified Environmental Professional (QEP) certifying this report. No specific areas of concern were observed during these inspections.

2.4 Areas of Concern

To the west of the subject Site, the LNAPL plume is present beneath much of the Registry site, particularly in the western half of the Registry site where most of the phthalate and hecla oil-related infrastructure was present. The top of the LNAPL-impacted zone is generally found at about 13 to 15 feet below the top of the existing slab (except in immediate proximity to tanks) at the registry site. The bottom of the LNAPL-impacted zone was generally identified at about 14 to 17 feet below the top of the slab. LNAPL extends to the west of the Registry site; but, not as far as the playground approximate 100 ft to the west of the Registry site, the vacant property to the southwest (Lot 57), or across Clay or Commercial Streets.

The TCE and related chlorinated solvent plume were detected at a limited solvent "hot spot" area in the northeastern portion of the Registry site. This "hot spot" extends slightly off the Registry site beneath the sidewalk on the south side of Clay Street. The TCE impacted soil has been identified only at depth (generally 10 to 25 feet bgs). Soil above 10 feet bgs did not exhibit detections of chlorinated solvent VOCs in excess of the Unrestricted Use Site Cleanup Objectives, with the only exception being soil in the 0 to 5-foot interval of onsite soil boring 2SB-2.

Based on the Phase I, Site inspections, and review of previous investigations, it appears that the area of the Nuhart building located on Lot 57 was used to store finished materials and there were no specific areas where former site activities are suspected to have resulted in the release of contaminated media. Based on the previous waste characterization work conducted at the Site, there is the potential for historic urban fill material of unknown origin to have been placed on the Site during or prior to construction of the existing on-site warehouse building.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The QEP responsible for preparation of this RIR is a representative of Goldberg Zoino & Associates of New York, P.C.

3.2 Health and Safety

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements, as well as, the Health and Safety Plan written by Advanced Site Restoration LLC (Appendix C).

3.3 Materials Management

All material encountered during the RI was managed in accordance with applicable laws and regulations.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

Roux and FPM on behalf of Dupont Street Developer, LLC performed the following scope of work in accordance with the remedial investigation work plan transmitted to OER on February 10, 2016.

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed eight soil borings at the project Site, and collected a total of 21t soil samples and two field duplicates for chemical analysis from the soil borings to evaluate soil quality;
3. Installed five groundwater monitoring wells across the Site to establish groundwater flow and collected a total of five groundwater samples and one field duplicate for chemical analysis to evaluate groundwater quality;
4. Installed seven soil vapor probes around the Site perimeter and collected a total of seven soil vapor samples and three ambient air samples for chemical analysis.

4.1 Geophysical Investigation

A geophysical investigation was not performed as part of this scope of work, as no underground storage tanks (USTs), drums, etc. were identified in historic Sanborn Fire Insurance maps, during site inspection, or in any of the other documents reviewed and no historic demolition activities occurred at the Site.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

Soil boring locations were identified in the field and are shown on Figure 3. A total of eight soil borings were advanced at the Site and on the adjacent lot as shown on Figure 3.

For all soil borings, soil samples were field screened for VOCs using a photoionization detector (PID). All soils were visually inspected for evidence of impacts (e.g., odors, staining, and visible free product) and the lithology was recorded, based on observation. Geologic logs were prepared by a scientist or engineer for each boring and are provided in Appendix D.

Geoprobe Drilling Method

The Geoprobe drilling method at the Site involved the advancement of a two-inch diameter direct push core barrel into an undisturbed formation using downward pressure. The sample (generally collected in 5-foot intervals) is extruded from the core barrel within a macro-liner. Upon sample collection, the core barrel is returned to the borehole with a new liner and advanced to the next desired depth interval. Due to the nature and equipment used in this drilling, soil samples are collected in a continuous manner from the beginning of boring to the target depth. Soils were separated into a maximum of two-foot sections, field screened, and observed, with the field representatives observations used to prepare the boring logs.

Groundwater Monitoring Well Construction

Temporary monitoring wells were installed within soil borings at five locations at the Site to evaluate groundwater quality. Wells were constructed of 1-inch inside-diameter, PVC casing and 0.010-inch slot machined screen. The temporary wells were constructed with 10 feet of well screen material and sampled after purging. Monitoring well and groundwater sampling locations are shown in Figure 3. Monitoring well construction logs for each well are provided in Appendix D.

Survey

During the RI, all monitoring well locations were measured from fixed points for horizontal location and surveyed in the field using differential leveling for elevation to the nearest 0.01 foot.

Water Level Measurement

All monitoring wells were gauged with a water level meter on February 18, 2016, February 19, 2016 and March 7, 2016 by Roux Associates and by FPM Group as part of a larger water level measurement round associated with monitoring of 49 Dupont Street, which is under NYSDEC oversight. Water level data is included in Table 2.

4.3 Sample Collection and Chemical Analysis

As there were no specific Areas of Concern, sampling performed as part of the field investigation was conducted for the Site in accordance with the February 10, 2016 remedial investigation work plan, professional judgment, observed water levels, field instrument measurements, odor, or other field indicators. All media including soil, groundwater and soil

vapor have been sampled and evaluated in this RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

Soil Sampling

Twenty-one soil samples were collected for chemical analysis during this RI. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, are reported in Tables 1 and 3 and Appendix E. Figure 3 shows the horizontal location of samples collected in this investigation. Soil samples were analyzed for:

- Target Compound List (TCL) VOCs;
- TCL SVOCs;
- Pesticides;
- PCBs; and
- Target Analyte List (TAL) Metals.

Disposable sampling equipment was used for all sample collection. Field equipment blanks (two field blanks and two trip blanks) were collected to assess potential impacts to chemical analysis from sampling equipment. Two duplicate samples were also collected for quality assurance/quality control (QA/QC) purposes. All samples were collected in laboratory supplied containers and placed in coolers with ice. All samples were shipped by courier to the laboratory and analyzed by Alpha Analytical of Westborough, Massachusetts, an ELAP-certified laboratory.

Groundwater Sampling

Five groundwater samples were collected for chemical analysis during this RI. Groundwater sample collection data is reported in Tables 1 and 3 and Appendix E. Figure 3 shows the locations of the groundwater monitoring wells. Groundwater samples were analyzed for:

- TCL VOCs;
- TCL SVOCs;
- Pesticides;

- PCBs; and
- TAL Metals (both total and dissolved).

Groundwater samples were collected using a peristaltic pump and disposable sampling equipment dedicated to each location. Filtered samples were laboratory filtered. Field equipment blanks (one field blank and one trip blank) were collected to assess potential impacts to chemical analysis from sampling equipment. One duplicate sample was also collected for quality assurance/quality control (QA/QC) purposes. All samples were collected in laboratory supplied containers and placed in coolers with ice. All samples were shipped by courier to the laboratory and analyzed by Alpha Analytical of Westborough, Massachusetts, an ELAP-certified laboratory.

Soil Vapor Sampling

Seven soil vapor probes (SV-201 through SV-207) were installed and 10 air samples collected, including two outdoor ambient air samples (OA-302 and OA-303), and one indoor air sample (IA-301) for chemical analysis during this RI. Soil vapor sampling locations are shown in Figure 3. Soil vapor sample collection data is reported in Tables 1 and 3 and Appendix E . Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

During this RI, soil vapor points were installed by using a Geoprobe drill rig. New Teflon□□lined tubing equipped with a threaded stainless steel fitting was lowered into the borehole and attached to the expendable soil vapor sampling point. With the exception of the SV-206 location, each borehole was filled with sand to 5.0 feet below land surface and a bentonite seal was placed to 4.5 feet below land surface (bls) forming an airtight seal between the tubing and the borehole to prevent infiltration of ambient air. At the SV-206 location, the soil vapor screen was set from 4.0 to 4.5 feet bls. Prior to sample collection, the Teflon□-lined tubing was purged of approximately two volumes of the tubing using a vacuum pump set at a rate of 0.2 liters per minute. A tracer gas (i.e., helium) was used to enrich the atmosphere in a shroud covering the borehole in order to test the borehole seal and verify that ambient air was not being drawn into the sample. Following purging and verification with the tracer gas, the soil vapor sample was collected in the laboratory supplied 2.7-liter SUMMA canister.

All SUMMA canister samples were shipped by courier to the laboratory and analyzed by Alpha Analytical of Westborough, Massachusetts, an ELAP-certified laboratory for VOCs.

Chemical Analysis

Chemical analytical work presented in this RIR has been performed in the following manner:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Jim Todaro
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and were Alpha Analytical of Westborough, Massachusetts
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Groundwater analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by EPA Method TO-15.

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Tables 4A through 4E, Tables 5A through 5E, and Table 6, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix E.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

Three distinct geologic strata were encountered at the Site between land surface (sidewalk grade) and a maximum depth of 15 feet. These strata include from land surface downward:

- Fill material, commonly referred to as "historic fill", which is present across most of the Site with a thickness that ranges from approximately 1 to 4 feet.
- A brown sand and silt strata with trace amounts of gravel, underlies the "historic fill" strata and extends downward with a thickness of approximately 10 to 13 feet.
- A brown clayey silt strata, underlies the sand and silt strata and extends downward to the maximum depth of borings drilled at the Site.

Hydrogeology

A table of water level data for all monitoring wells is included in Table 2. The average depth to groundwater is 6.2 feet and the range in depth is 4.4 ft to 8.74 ft A map of groundwater level elevations and inferred flow lines is shown in Figure 7. Groundwater flow is from east to west.

5.2 Soil Chemistry

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. Soil/fill samples collected during the RI were compared to NYSDEC Part 375-6 Unrestricted Use (Track 1) and Restricted Residential Use (Track 2) Soil Cleanup Objectives (SCOs). A summary table of data for chemical analyses performed on soil samples is included in Table 4A through 4E. Figure 4 shows the locations and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 1 UUSCOs.

A total of 21 soil samples were collected for laboratory analysis from 8 soil borings located at the Site and on the adjacent lot.

VOCs

There were no VOCs detected above their Track 1Unrestricted Use SCOs.

SVOCs

SVOCs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-c,d)pyrene] were detected at concentrations above their UUSCOs and RRSCOs in three soil

samples (SB-103, SB-105, and SB-108) collected from 0-2 ft bgs (Table 4B); chrysene and dibenz(a,h)anthracene were detected above the UUSCOs and RRSCOs from shallow fill sample SB-103 and SB-105 collected from 0 to 2 ft bgs; benzo(k)fluoranthene was detected above its UUSCO but below the RRSCO in two samples (SB-103 and SB-105) at 0 to 2 ft bgs and chrysene was detected above its UUSCO, but below its RRSCO in sample SB-108, 0-2 ft bgs. Overall, the SVOCs exceedances were observed from the shallow fill soil (0-2 ft bgs). There were no SVOCs exceedance in the intermediate or deep soil samples (4-12 ft bgs) tested. Soil boring SB-103 has the greatest SVOC exceedances, where the concentrations are: benzo[a]anthracene (9,200 µg/kg), benzo[a]pyrene (8,400 µg/kg), benzo[b]fluoranthene (11,000 µg/kg), benzo[k]fluoranthene (3,400 µg/kg), chrysene (9,800 µg/kg), dibenzo[a,h]anthracene (1,300 µg/kg), and indeno[1,2,3-cd]pyrene (5,600 µg/kg). Bis(2-ethylhexyl) phthalate was detected at SB-101, SB-103, SB-104, and SB-108 with the maximum of 2,000 µg/kg at SB-101. These DEHP results were below the Residential Supplemental SCO level. Di-n-octyl phthalate was not detected in any of the soil samples on the site. Bis(2-ethylhexyl) phthalate and Di-n-octyl phthalate have been detected in contaminated soil and groundwater beneath the NuHart manufacturing buildings to the west (Registry site), however, on-going monitoring at the site shows no indication that the low-level soil contamination identified on Lot 57 is associated with those source areas.

Metals

Five metals (barium, lead, copper, mercury, and zinc) were detected above Track 1 UUSCOs. Only barium and lead were detected above the RRSCOs. Specifically, lead was detected above RRSCOs in samples SB-105 (2,500 mg/kg) and SB-108 (680 mg/kg) (Table 4C). Barium was detected above RRSCOs in sample SB-105 (490 mg/kg). All the metal exceedances were observed from samples collected from shallow level soil at 0 to 2 ft bgs. SB-102 (10-12 ft bgs) collected from the offsite adjacent lot have metals above UUSCO for copper (67 mg/kg), lead (200 mg/kg),) and zinc (230 mg/kg).

PCBs

There were no exceedances of the SCO for total PCBs at the Site.

Pesticides

There were no exceedances of the RRSCO for pesticides at the Site. P,P'-DDD and P,P'-DDE were detected slightly above the UUSCOs at 4.27 µg/kg and 3.54 µg/kg in the intermediate soil sample SB-101 (5 to 7 ft bgs).P,P'-DDE and P,P'-DDT were detected at 17.9 µg/kg and 77 µg/kg at shallow level soil SB-105 (0-2 ft bls). P,P'-DDD was also detected above the UUSCOs (7.9 µg/kg) at SB-108 (0-2 ft bls).

Overall, the findings are consistent with observations for readily available public documents from other historic fill sites in NYC and did not indicate an an on-Site release of hazardous substances.

5.3 Groundwater Chemistry

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Table 5A through 5E. Figure 5 shows the location and posts the values for groundwater that exceed the NYSDEC Ambient Water-Quality Standards and Guidance Values (AWQSGVs).

VOCs

There were no VOCs detected at concentrations that exceed NYSDEC AWQSGVs.

SVOCs

Two out of the five morning wells contained SVOCs detections exceeding AWQSGVs. Specifically, phenol (3.5µg/L) was found exceeding AWQSGVs in the onsite monitoring well MW-104. Other SVOCs exceedances were observed from offsite monitoring well MW-102 (located within the Nuhart Registry site property, on adjacent Lot 17 to the west), where benzo[a]anthracene (0.11 µg/L), benzo[a]pyrene (0.11 µg/L), benzo[b]fluoranthene (0.15 µg/L), benzo[k]fluoranthene (0.06 µg/L), chrysene (0.1 µg/L), and indeno[1,2,3-cd]pyrene (0.08 µg/L) were detected. The SVOC concentrations detected above the AWQSGVs were reported as estimated by the laboratory. The exceedances of NYSDEC AWQSGVs for the groundwater samples are shown on Figure 5. Bis(2-ethylhexyl) phthalate was detected at 3.9 µg/L in MW-103 and 4.7 µg/L in MW-104, both detected concentrations are below the NYSDEC AWQSGV of 5 µg/L. Di-n-octyl phthalate was not detected in any of the groundwater samples on the site.

Bis(2-ethylhexyl) phthalate and Di-n-octyl phthalate have been detected in the phthalate plume beneath the Nuhart Registry site to the west, however, on-going monitoring at the site shows no indication that the low-level groundwater contamination identified on Lot 57 are associated with the plume.

Metals (Total)

Groundwater samples collected from the five wells and analyzed contained one or more metals at total concentrations (not filtered) that exceed the NYSDEC AWQSGVs. Iron and selenium were detected above the AWQSGVs in four of the monitoring wells (MW-101, MW-102, MW-103, and MW-105), with the greatest concentrations of 43.9 μg/L and 0.044 μg/L, respectively. Manganese was detected above the AWQSGVs ranging from 0.34 μg/L at MW-101 to 1.08 μg/L at MW-102. Antimony was detected as exceeding its AWQSGV in MW-103 at 0.00378 μg/L. Other metal exceedances were also observed from the offsite monitoring well MW-102 including: arsenic (0.05676 μg/L), chromium (0.0727 μg/L). lead (1.901 μg/L), mercury (0.00175 μg/L), and thallium (0.00056 μg/L).

Most of these exceedances are not considered to be indicative of groundwater quality at the Site, but rather reflect the presence of sediment within the groundwater sample. The concentrations of dissolved metals, which better reflect the groundwater quality at the Site, are discussed below. The exceedances of NYSDEC AWQSGVs for the groundwater samples are shown on Figure 5.

Metals (Dissolved)

Dissolved metals were observed around or slightly above their NYSDEC AWQSGVs. Specifically, antimony ranged from 0.0031 μg/L at MW-104 to 0.0036 μg/L at MW-103. Iron was detected in MW-101 at 0.338 μg/L. Selenium ranged from 0.017 μg/L at MW-101 to 0.043 μg/L at MW-103. For the offsite monitoring well MW-102,lead was detected at 0.0255 μg/L.and Manganese was detected at 0.3949 μg/L. These exceedances of the NYSDEC AWQSGVs for the groundwater samples are shown on Figure 5.

PCBs

PCBs were not detected at concentrations that exceed NYSDEC AWQSGVs.

Pesticides

Pesticides were not detected at concentrations that exceed NYSDEC AWQSGVs.

5.4 Soil Vapor Chemistry

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 6.

Figure 6 shows the location and posts the values for soil vapor samples with detected concentrations.

Approximately 26 petroleum-related and chlorinated VOCs were detected above method detection limits within the seven soil vapor samples collected. Soil vapor results were compared with NYS DOH Final Guidance on Soil Vapor Intrusion (October 2006) values. Low concentrations of petroleum-related VOCs were detected in each of the seven soil vapor samples (Table 6). Benzene detections ranged from 0.783 to 2.67 micrograms per cubic meter ($\mu g/m^3$), with the maximum detection at SV-205. Ethylbenzene detections ranged from 0.877 to 2.76 $\mu g/m^3$, with the maximum detection at SV-202. Toluene detections ranged from 1.05 to 4.03 $\mu g/m^3$, with the maximum detection at SV-205. Total xylenes detections ranged from 2.91 to 12.93 $\mu g/m^3$, with the maximum detection at SV-202. The highest concentration detected was 54.5 $\mu g/m^3$ of carbon disulfide detected at SV-204.

Regulatory guidance on soil vapor and indoor air quality is presented in Matrix 1 and Matrix 2 from the NYSDOH Center for Environmental Health (CEH) Bureau of Environmental Exposure Investigation (BEEI) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006. Matrix 1 addresses TCE, carbon tetrachloride, and vinyl chloride, and Matrix 2 addresses 1,1-DCE, cis-1,2-DCE, PCE and 1,1,1-TCA. The matrices establish the conditions that require a response (i.e., monitoring, mitigation, or source identification) based on an evaluation of indoor air concentrations and sub-slab vapor concentrations. While the matrices are designed for evaluation of sub-slab and indoor samples and not for pre-development soil vapor sampling, a comparison of analytical results to these standards was done.

Carbon tetrachloride was detected in the indoor air sample and the outdoor air samples, with a maximum concentration of 0.377 $\mu g/m^3$ in each of the samples (IA-301, OA-302, OA-303). PCE was not detected in any of the soil vapor samples. PCE was detected in the indoor air

sample and the outdoor air samples, with a maximum concentration of 0.224 μg/m^3 in OA-303. TCE was not detected in any of the samples collected at the Site. 1,1,1-TCA was detected in one of the soil vapor samples at a concentration of 1.42 μg/m^3 in SV-201. Cis-1,2-DCE, 1,1-DCE, and vinyl chloride were not detected in any soil vapor, indoor air, or outdoor air samples during this RI. The soil vapor survey does not indicate impacts from the TCE plume beneath neighboring areas of the factory building to the west (Registry site). Based on the VOC concentrations detected and the NYSDOH decision matricies, no further action would be required. Impacts on soil, groundwater and soil vapor from petroleum and chlorinated VOCs have been previously characterized to the west and northwest beneath other areas of the factory building.

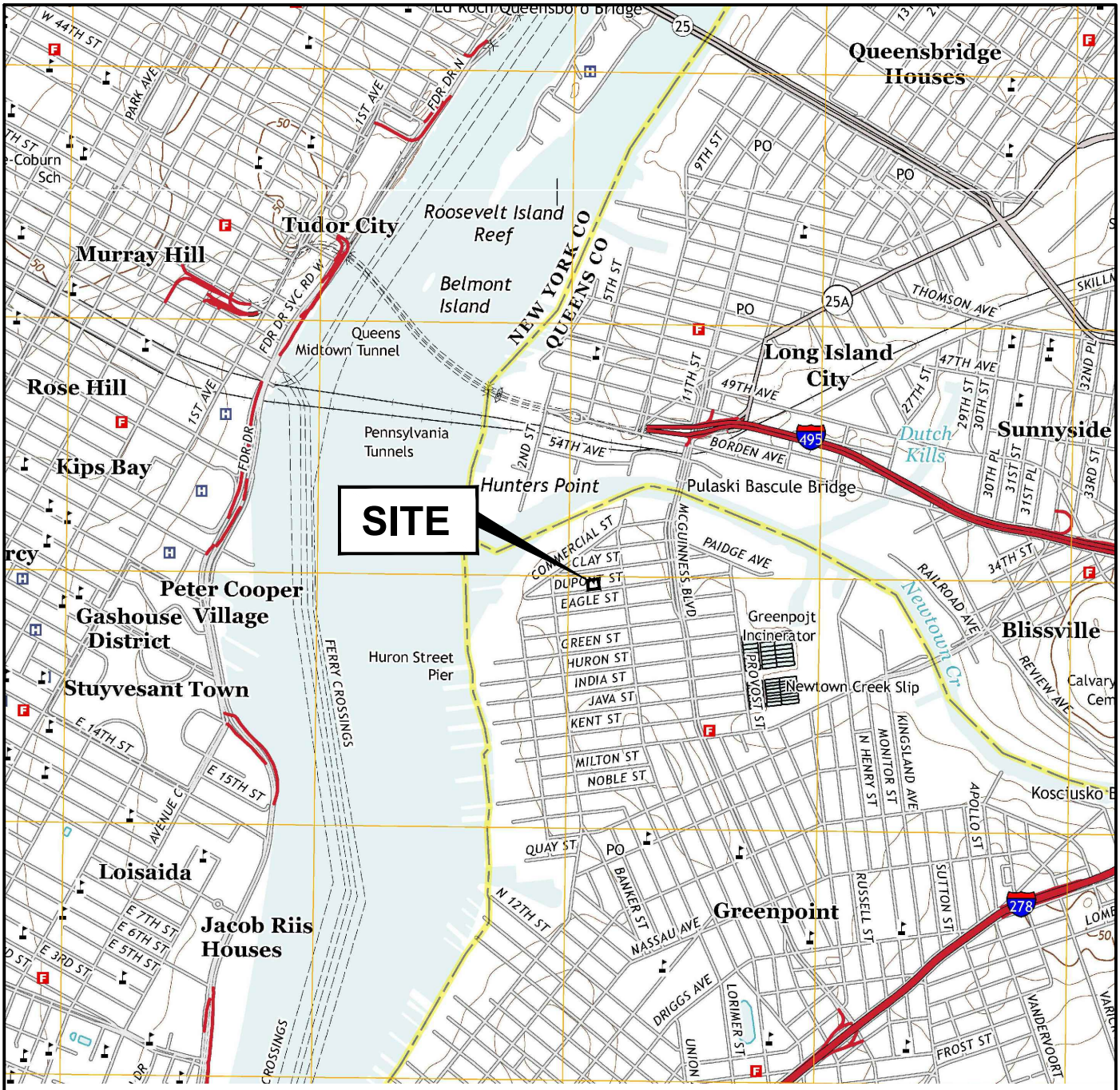
5.5 Prior Activity

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

The SVOCs and metals detected are consistent with historic fill, which matches the soil lithology observed during boring.

5.6 Impediments to Remedial Action

There are no known impediments to remedial action at this property.



0 1000' 2000' 4000'

SCALE IN FEET 1" = 2000'

NEW YORK



□UADRANGLE LOCATION

SOURCE:

BASE MAP FROM THE FOLLOWING USGS QUADRANGLE MAP:
CENTRAL PARK, NY–NJ (2013) & FLUSHING, NY (2016)

DIGITAL TOPOGRAPHIC MAPS PROVIDED BY USGSSTORE.GOV.

CONTOUR ELEVATIONS REFERENCE NAVD 88,
CONTOURS ARE SHOWN IN FEET AT 10' INTERVALS

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93 DUPONT STREET
BROOKLYN, NEW YORK

PREPARED BY:
GZA GeoEnvironmental of NY
Engineers and Scientists
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PREPARED FOR:
DUPONT STREET
DEVELOPERS, LLC

□ITE LO□ATION MAP

PROJ MGR: JB	REVIEWED BY: ZS	CHECKED BY: JB	FIGURE 1
DESIGNED BY: ZS	DRAWN BY: EM	SCALE: 1" = 2000'	
DATE: OCTOBER, 2016	PROJECT NO. 12.0076485.00	REVISION NO.	SHEET NO.

© 2016 – GZA GeoEnvironmental, Inc. GZA–J:\76400'S\12.0076485.00\FIGURES\CAD\TASK–6\76485.00.06.001.DWG FIG–1 SEPTEMBER 22, 2016 MIGUEL TORRES



0 100' 200' 400'

SCALE IN FEET 1" = 200'

NEW YORK



□UADRANGLE LOCATION

SOURCE:
DIGITAL AERIAL ORTHOPHOTOGRAPHY PROVIDED BY AUTODESK. ORTHOPHOTO IMAGES WERE ORIGINALLY PRODUCED BY BING AERIALS. THE IMAGES WERE OBTAINED ON SEPTEMBER 22, 2016.

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LOT □□ □ITE LO□ ATION

PROJ MGR: JB	REVIEWED BY: ZS	CHECKED BY: JB	FIGURE 2
DESIGNED BY: ZS	DRAWN BY: EM	SCALE: 1" = 2000'	
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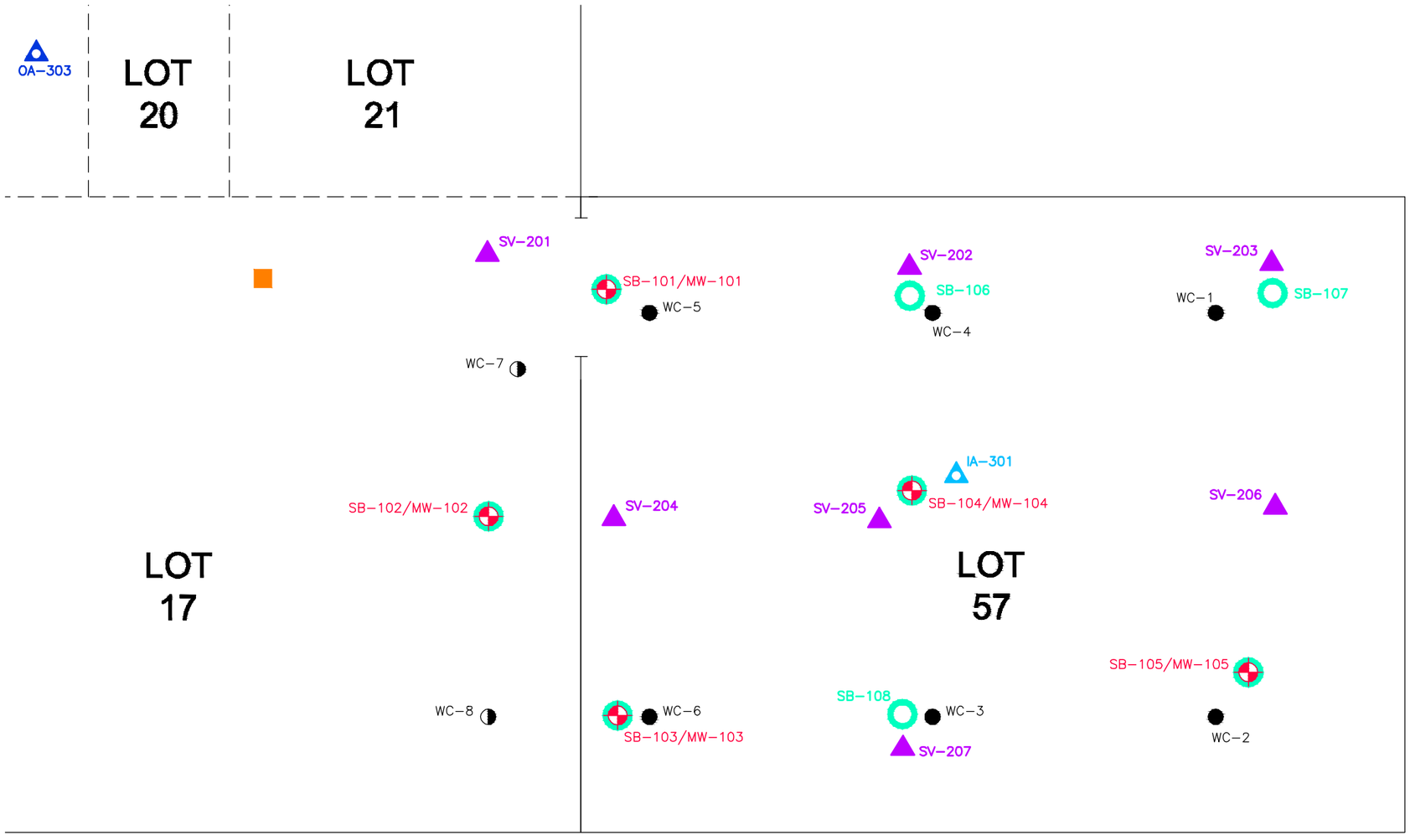
© 2016 – GZA GeoEnvironmental, Inc. GZA–J:\76400'S\12.0076485.00\FIGURES\CAD\TASK–6\76485.00.06.001.DWG FIG–2 SEPTEMBER 22, 2016 MIGUEL TORRES



LEGEND

WC–1	LOCATION AND DESIGNATION OF SOIL BORING
WC–8	LOCATION AND DESIGNATION COMPOSITE BORING
SB–101/ MW–101	LOCATION AND DESIGNATION OF INSTALLED TEMPORARY MONITORING WELL
SB–106	LOCATION AND DESIGNATION OF INSTALLED SOIL SAMPLE
SV–201	LOCATION AND DESIGNATION OF INSTALLED SOIL VAPOR SAMPLE
IA–301	LOCATION AND DESIGNATION OF INSTALLED INDOOR AIR SAMPLE
OA–301	LOCATION AND DESIGNATION OF INSTALLED OUTDOOR AIR SAMPLE
	LOCATION OF INSTALLED AIR MONITORING STATION

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0 10' 20' 40'

SCALE IN FEET 1" = 20'

NO.	ISSUE/DESCRIPTION	BY	DATE

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93 DUPONT STREET
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□AMPLE LO□ATION MAP

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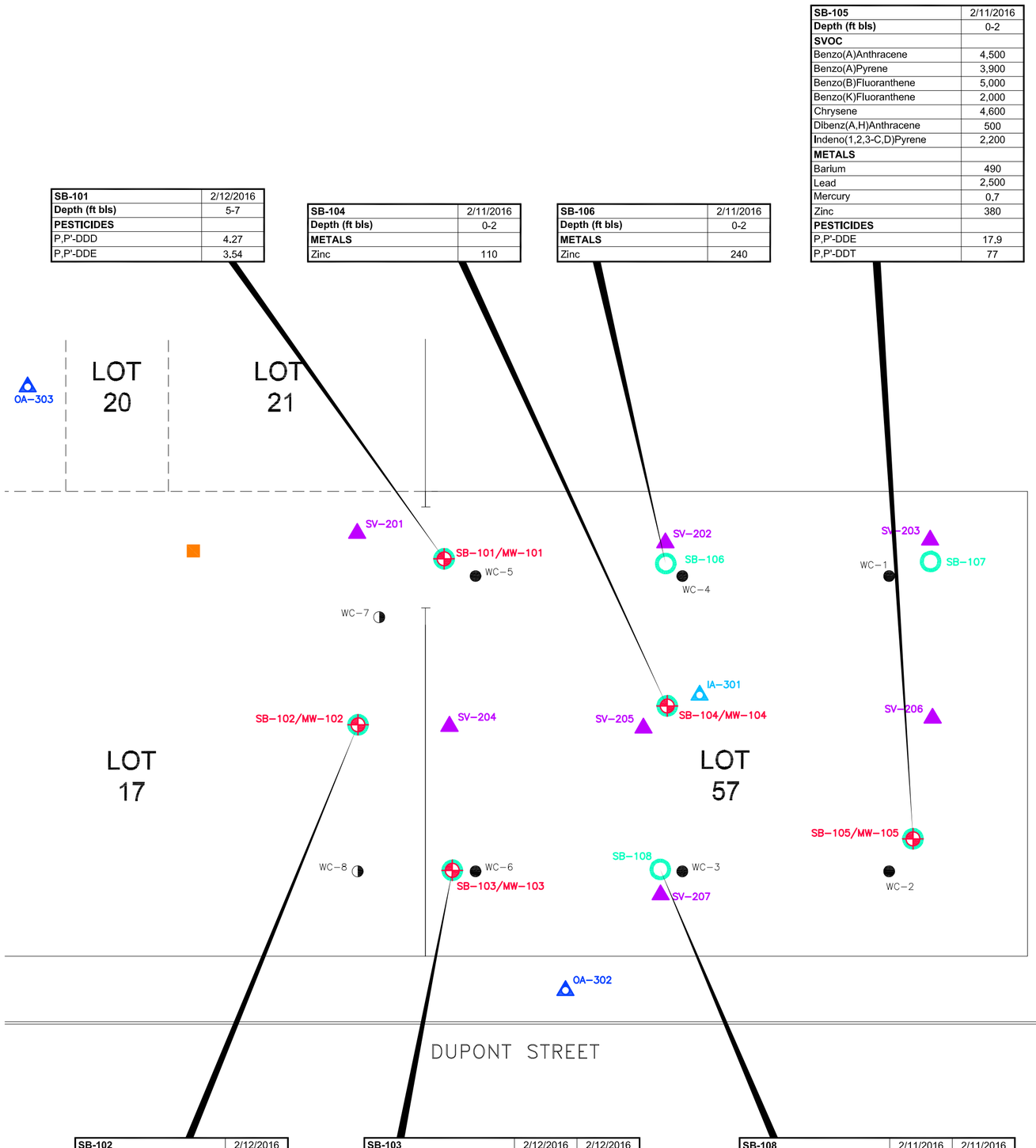
PROJ MGR: JB	REVIEWED BY: ZS	CHECKED BY: JB	FIGURE 3
DESIGNED BY: ZS	DRAWN BY: EM	SCALE: 1" = 20'	
DATE: OCTOBER, 2016	PROJECT NO. 12.0076485.00	REVISION NO.	SHEET NO.

©2016 – GZA GeoEnvironmental, Inc. G:\ZA–J:\76400'S\12.0076485.00\FIGURES\CAD\TASK–6\76485.00.06.001.DWG FIG–3 OCTOBER 6, 2016 MIGUEL TORRES



SB-101	2/12/2016
Depth (ft bls)	5-7
PESTICIDES	
P,P'-DDD	4.27
P,P'-DDE	3.54

SB-104	2/11/2016
Depth (ft bls)	0-2
METALS	
Zinc	110

SB-106	2/11/2016
Depth (ft bls)	0-2
METALS	
Zinc	240

SB-105	2/11/2016
Depth (ft bls)	0-2
SVOC	
Benzo(A)Anthracene	4,500
Benzo(A)Pyrene	3,900
Benzo(B)Fluoranthene	5,000
Benzo(K)Fluoranthene	2,000
Chrysene	4,600
Dibenz(A,H)Anthracene	500
Indeno(1,2,3-C,D)Pyrene	2,200
METALS	
Barium	490
Lead	2,500
Mercury	0.7
Zinc	380
PESTICIDES	
P,P'-DDE	17.9
P,P'-DDT	77

LEGEND

- WC-1 — LOCATION AND DESIGNATION OF SOIL BORING
- WC-8 — LOCATION AND DESIGNATION COMPOSITE BORING
- SB-101/MW-101 — LOCATION AND DESIGNATION OF INSTALLED TEMPORARY MONITORING WELL
- SB-106 — LOCATION AND DESIGNATION OF INSTALLED SOIL SAMPLE
- SV-201 — LOCATION AND DESIGNATION OF INSTALLED SOIL VAPOR SAMPLE
- IA-301 — LOCATION AND DESIGNATION OF INSTALLED INDOOR AIR SAMPLE
- OA-301 — LOCATION AND DESIGNATION OF INSTALLED OUTDOOR AIR SAMPLE
- LOCATION OF INSTALLED AIR MONITORING STATION

Parameter	Standards*	Standards**
SVOC		
Benzo(A)Anthracene	1,000	1,000
Benzo(A)Pyrene	1,000	1,000
Benzo(B)Fluoranthene	1,000	1,000
Benzo(K)Fluoranthene	800	3,900
Chrysene	1,000	3,900
Dibenz(A,H)Anthracene	330	330
Indeno(1,2,3-C,D)Pyrene	500	500
METALS		
Barium	350	400
Copper	50	270
Lead	63	400
Mercury	0.18	0.81
Zinc	109	10,000
PESTICIDES		
P,P'-DDE	3.3	8,900
P,P'-DDT	3.3	7,900

mg/kg – MILLIGRAMS PER KILOGRAM

µg/kg – MICROGRAMS PER KILOGRAM

* – NYSDEC PART 375 UNRESTRICTED USE STANDARDS

** – NYSDEC PART 375 RESTRICTED RESIDENTIAL STANDARDS

NYSDEC – NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

-- – NOT DETECTED ABOVE NYSDEC PART 375 UNRESTRICTED USE STANDARDS

J – ESTIMATED VALUE

DUP – DUPLICATE SAMPLE

SVOCS – SEMIVOLATILE ORGANIC COMPOUNDS

NE – NO EXCEEDANCE

FT BLS – FEET BELOW LAND SURFACE

SB-102	2/12/2016
Depth (ft bls)	10-12
METALS	
Copper	67
Lead	200
Zinc	230

SB-103	2/12/2016	2/12/2016
Depth (ft bls)	0-2	4-6
SVOC		
Benzo(A)Anthracene	9,200	NE
Benzo(A)Pyrene	8,400	NE
Benzo(B)Fluoranthene	11,000	NE
Benzo(K)Fluoranthene	3,400	NE
Chrysene	9,800	NE
Dibenz(A,H)Anthracene	1,300	NE
Indeno(1,2,3-C,D)Pyrene	5,600	NE
METALS		
Lead	160	NE
Mercury	0.27	0.22

SB-108	2/11/2016	2/11/2016
Depth (ft bls)	0-2	0-2 DUP
SVOC		
Benzo(A)Anthracene	1,100	1,300
Benzo(A)Pyrene	NE	1,200
Benzo(B)Fluoranthene	1,500	1,600
Chrysene	1,200	1,400
Indeno(1,2,3-C,D)Pyrene	690	800
METALS		
Copper	NE	120
Lead	230	680
Mercury	0.28	0.26
Zinc	220	240
PESTICIDES		
P,P'-DDD	NE	7.9

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0 10' 20' 40' 60'

SCALE IN FEET 1" = 20'

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93 DUPONT STREET
BROOKLYN, NEW YORK

SOIL CHEMISTRY RESULTS

PREPARED BY:
GZA GeoEnvironmental of NY
Engineers and Scientists
www.gza.com

PREPARED FOR:
DUPONT STREET DEVELOPERS, LLC

PROJ MGR: JB	REVIEWED BY: ZS	CHECKED BY: JB	FIGURE
DESIGNED BY: ZS	DRAWN BY: EM	SCALE: 1" = 20'	4
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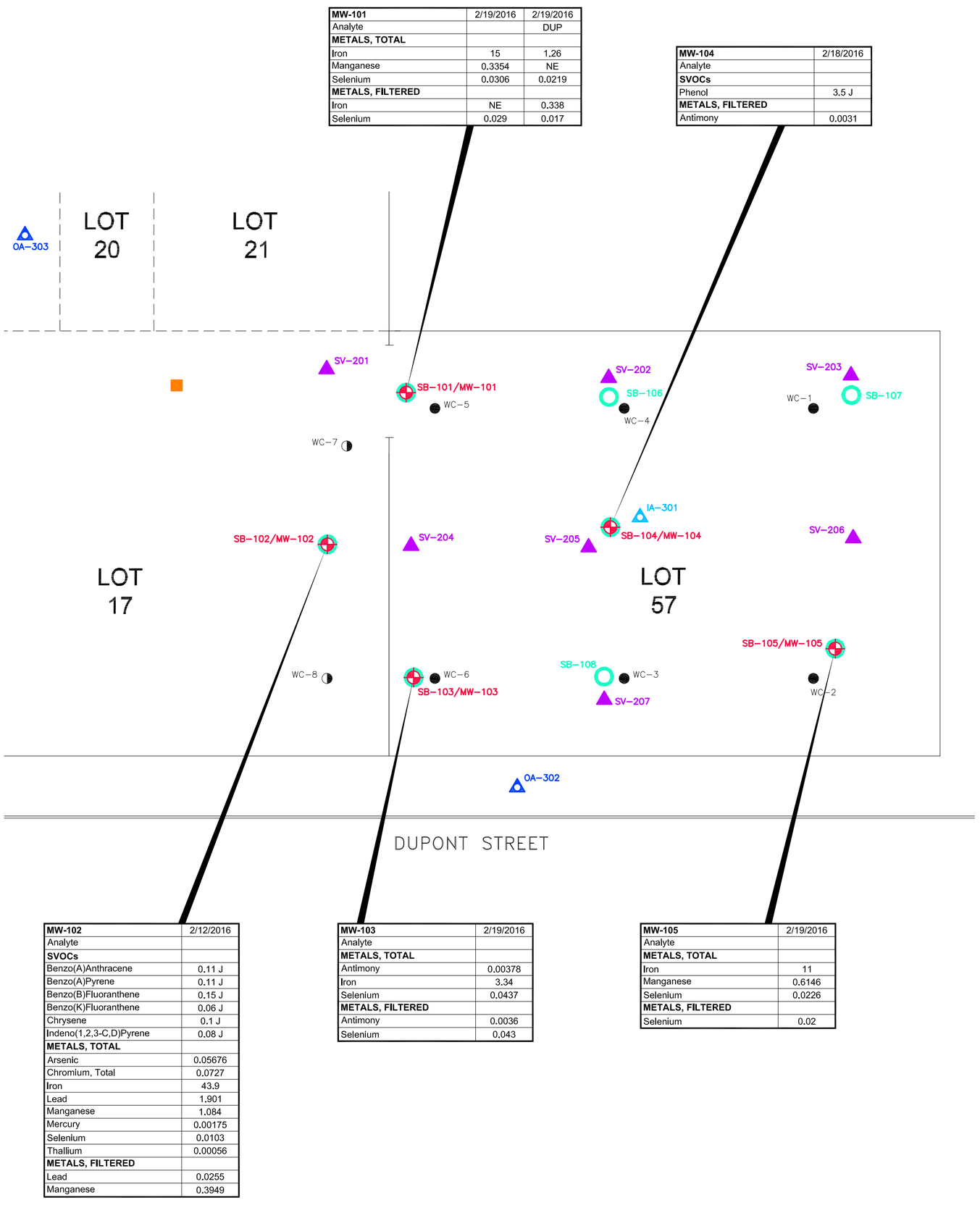
©2011 – GZA GeoEnvironmental, Inc. G:\ZA–J:\76400's\12.0076485.00\Figures\CAD\TASK–6\76485.00.06.001.dwg [FIG–4] October 06, 2016 – 1:04pm miguel.torres



MW-101	2/19/2016	2/19/2016
Analyte		DUP
METALS, TOTAL		
Iron	15	1.26
Manganese	0.3354	NE
Selenium	0.0306	0.0219
METALS, FILTERED		
Iron	NE	0.338
Selenium	0.029	0.017

MW-104	2/18/2016
Analyte	
SVOCs	
Phenol	3.5 J
METALS, FILTERED	
Antimony	0.0031

MW-102	2/12/2016
Analyte	
SVOCs	
Benzo(A)Anthracene	0.11 J
Benzo(A)Pyrene	0.11 J
Benzo(B)Fluoranthene	0.15 J
Benzo(K)Fluoranthene	0.06 J
Chrysene	0.1 J
Indeno(1,2,3-C,D)Pyrene	0.08 J
METALS, TOTAL	
Arsenic	0.05676
Chromium, Total	0.0727
Iron	43.9
Lead	1.901
Manganese	1.084
Mercury	0.00175
Selenium	0.0103
Thallium	0.00056
METALS, FILTERED	
Lead	0.0255
Manganese	0.3949

MW-103	2/19/2016
Analyte	
METALS, TOTAL	
Antimony	0.00378
Iron	3.34
Selenium	0.0437
METALS, FILTERED	
Antimony	0.0036
Selenium	0.043

MW-105	2/19/2016
Analyte	
METALS, TOTAL	
Iron	11
Manganese	0.6146
Selenium	0.0226
METALS, FILTERED	
Selenium	0.02

LEGEND

- WC–1 — LOCATION AND DESIGNATION OF SOIL BORING
- WC–8 — LOCATION AND DESIGNATION COMPOSITE BORING
- SB–101/MW–101 — LOCATION AND DESIGNATION OF INSTALLED TEMPORARY MONITORING WELL
- SB–106 — LOCATION AND DESIGNATION OF INSTALLED SOIL SAMPLE
- SV–201 — LOCATION AND DESIGNATION OF INSTALLED SOIL VAPOR SAMPLE
- IA–301 — LOCATION AND DESIGNATION OF INSTALLED INDOOR AIR SAMPLE
- OA–301 — LOCATION AND DESIGNATION OF INSTALLED OUTDOOR AIR SAMPLE
- LOCATION OF INSTALLED AIR MONITORING STATION

Parameter	Standards*
VOCs	NE
SVOCs	
Benzo(A)Anthracene	0.002
Benzo(A)Pyrene	0
Benzo(B)Fluoranthene	0.002
Benzo(K)Fluoranthene	0.002
Chrysene	0.002
Indeno(1,2,3-C,D)Pyrene	0.002
Phenol	1
METALS, TOTAL	
Antimony	0.003
Arsenic	0.025
Chromium, Total	0.05
Iron	0.3
Lead	0.025
Manganese	0.3
Mercury	0.0007
Selenium	0.01
Thallium	0.0005
METALS, FILTERED	
Antimony	0.003
Iron	0.3
Lead	0.025
Manganese	0.3
Selenium	0.01
PCBs	NE
Pesticides	NE

CONCENTRATIONS IN µg/L

µg/L – MICROGRAMS PER LITER

* – NYSDEC AWQSGVS

NYSDEC – NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

AWQSGVS – AMBIENT WATER–QUALITY STANDARDS AND GUIDANCE VALUES

– – NOT DETECTED ABOVE NYSDEC AWQSGV

J – ESTIMATED VALUE

DUP – DUPLICATE SAMPLE

VOCS – VOLATILE ORGANIC COMPOUNDS

SVOCS – SEMIVOLATILE ORGANIC COMPOUNDS

PCBS – POLYCHLORINATED BIPHENYLS

NE – NO EXCEEDANCES

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0 10' 20' 40' 60'

SCALE IN FEET 1" = 20'

NO.	ISSUE/DESCRIPTION	BY	DATE

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93 DUPONT STREET
BROOKLYN, NEW YORK

GROUNDWATER CHEMISTRY RESULTS

PREPARED BY:
GZA GeoEnvironmental of NY
Engineers and Scientists
www.gza.com

PREPARED FOR:
DUPONT STREET DEVELOPERS, LLC

PROJ MGR: JB	REVIEWED BY: ZS	CHECKED BY: JB	FIGURE
DESIGNED BY: ZS	DRAWN BY: EM	SCALE: 1" = 20'	5
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SV-205 Analyte VOCs	2/18/2016
1,2,4-Trimethylbenzene	1.29
Acetone	24.7
Benzene	2.67
Carbon Disulfide	3.21
Dichlorodifluoromethane	1.34
Ethanol	18.1
Ethylbenzene	1.94
m,p-Xylene	7.56
Methyl Ethyl Ketone (2-Butanone)	2.07
N-Hexane	0.955
O-Xylene (1,2-Dimethylbenzene)	3.12
Tert-Butyl Alcohol	3.76
Toluene	4.03

SV-202 Analyte VOCs	2/18/2016
1,3-Butadiene	1.21
1,4-Dichlorobenzene	2.9
Acetone	4.94
Benzene	1.97
Carbon Disulfide	13.1
Chloroform	2.61
Ethylbenzene	2.76
m,p-Xylene	8.86
Methyl Ethyl Ketone (2-Butanone)	2.4
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	3.54
N-Heptane	1.89
N-Hexane	4.86
O-Xylene (1,2-Dimethylbenzene)	4.07
Toluene	1.57

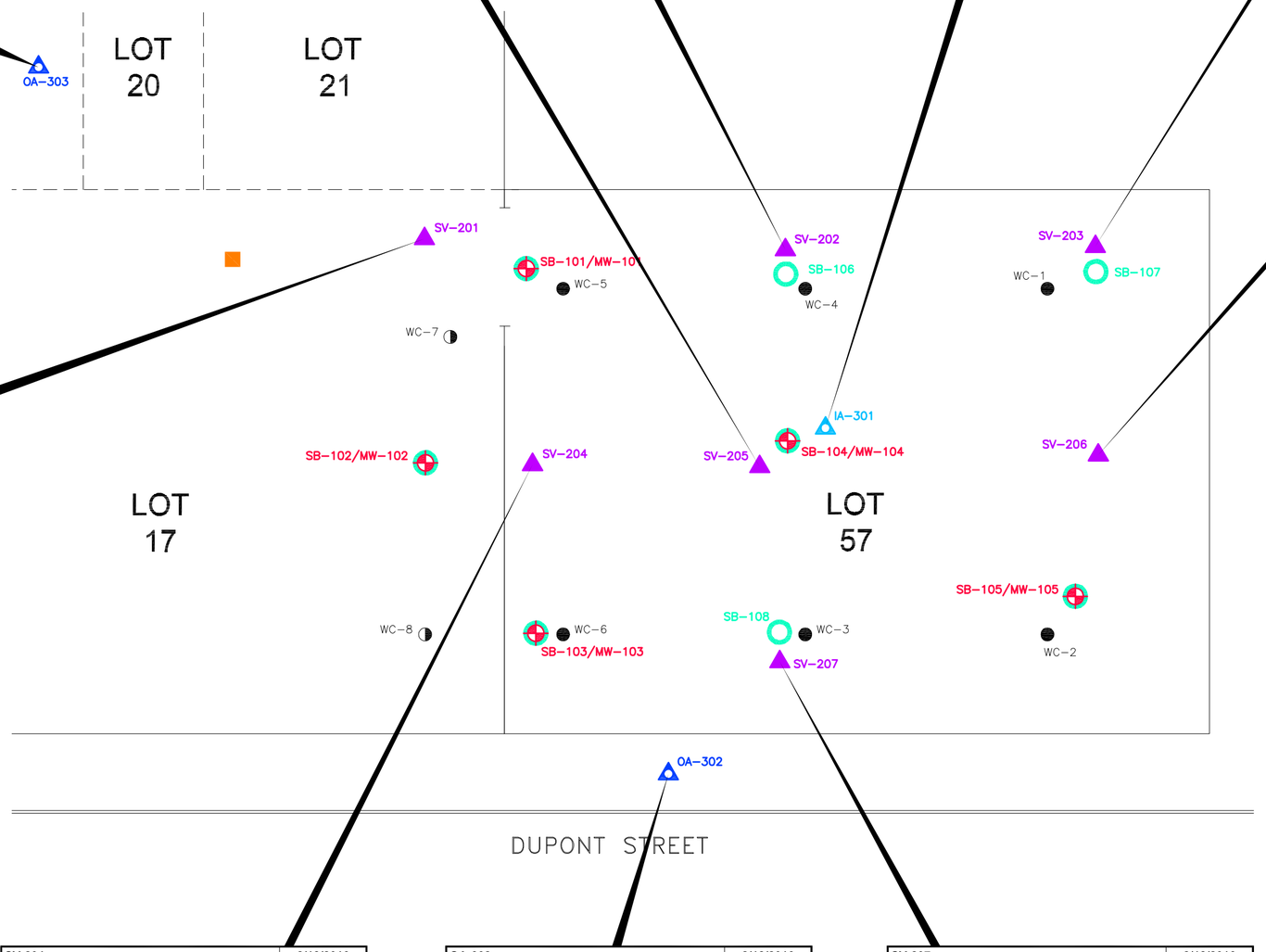
IA-301 Analyte VOCs	2/18/2016
Acetone	4.3
Carbon Tetrachloride	0.377
Chloromethane	1.02
Dichlorodifluoromethane	2.25
Tetrachloroethylene (PCE)	0.197
Trichlorofluoromethane	1.24

SV-203 Analyte VOCs	2/18/2016
1,4-Dichlorobenzene	2.54
Acetone	5.8
Carbon Disulfide	0.797
Chloroform	10.8
Dichlorodifluoromethane	1.56
m,p-Xylene	1.94
Methyl Ethyl Ketone (2-Butanone)	1.83
O-Xylene (1,2-Dimethylbenzene)	0.969
Trichlorofluoromethane	1.24

SV-206 Analyte VOCs	2/18/2016
1,4-Dichlorobenzene	2.86
Acetone	13.9
Benzene	0.907
Carbon Disulfide	7.32
Dichlorodifluoromethane	1.16
Ethylbenzene	0.934
m,p-Xylene	2.83
Methyl Ethyl Ketone (2-Butanone)	2.73
Methylene Chloride	3.58
N-Heptane	1.77
N-Hexane	5.89
O-Xylene (1,2-Dimethylbenzene)	1.56
Toluene	1.05
Trichlorofluoromethane	1.25

OA-303 Analyte VOCs	2/18/2016
Acetone	3.16
Carbon Tetrachloride	0.377
Chloromethane	0.964
Dichlorodifluoromethane	2.2
Tetrachloroethylene (PCE)	0.224
Trichlorofluoromethane	1.24

SV-201 Analyte VOCs	2/18/2016
1,1,1-Trichloroethane	1.42
Acetone	15.3
Benzene	0.843
Carbon Disulfide	5.17
Chloroform	15.1
Chloromethane	0.597
Cyclohexane	0.85
Dichlorodifluoromethane	1.14
Ethylbenzene	0.877
m,p-Xylene	3.51
Methyl Ethyl Ketone (2-Butanone)	2.78
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	2.14
N-Heptane	1.05
O-Xylene (1,2-Dimethylbenzene)	1.74
Tert-Butyl Alcohol	2.45
Tetrahydrofuran	1.64
Toluene	3.09



SV-204 Analyte VOCs	2/18/2016
1,2,4-Trimethylbenzene	1.29
Acetone	23.8
Carbon Disulfide	54.5
Chloromethane	0.417
Ethanol	20.3
Ethyl Acetate	2.21
Ethylbenzene	1.33
Isopropanol	1.36
m,p-Xylene	6.3
Methyl Ethyl Ketone (2-Butanone)	3.42
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	2.68
N-Hexane	0.867
O-Xylene (1,2-Dimethylbenzene)	2.47
Tert-Butyl Alcohol	6.43
Toluene	2.31
Trichlorofluoromethane	1.24

OA-302 Analyte VOCs	2/18/2016
Acetone	3.61
Carbon Tetrachloride	0.377
Chloromethane	0.927
Dichlorodifluoromethane	2.48
Tetrachloroethylene (PCE)	0.142
Trichlorofluoromethane	1.21

SV-207 Analyte VOCs	2/18/2016
1,4-Dichlorobenzene	3.18
Acetone	8.01
Benzene	0.783
Carbon Disulfide	9.68
Dichlorodifluoromethane	1.14
Ethylbenzene	1.36
m,p-Xylene	5.08
N-Heptane	0.971
N-Hexane	2.4
O-Xylene (1,2-Dimethylbenzene)	2.89
Toluene	1.27

LEGEND

- WC-1 — LOCATION AND DESIGNATION OF SOIL BORING
- WC-8 — LOCATION AND DESIGNATION COMPOSITE BORING
- SB-101/MW-101 — LOCATION AND DESIGNATION OF INSTALLED TEMPORARY MONITORING WELL
- SB-106 — LOCATION AND DESIGNATION OF INSTALLED SOIL SAMPLE
- SV-201 — LOCATION AND DESIGNATION OF INSTALLED SOIL VAPOR SAMPLE
- IA-301 — LOCATION AND DESIGNATION OF INSTALLED INDOOR AIR SAMPLE
- OA-301 — LOCATION AND DESIGNATION OF INSTALLED OUTDOOR AIR SAMPLE
- LOCATION OF INSTALLED AIR MONITORING STATION

NOTE

1) BASED ON THE VOC CONCENTRATIONS DETECTED AND THE NYSDOH DECISION MATRICES, NO FURTHER ACTION IS NEEDED.

CONCENTRATIONS IN $\mu g/m^3$

$\mu g/m^3$ – MICROGRAMS PER CUBIC METER

VOCs – VOLATILE ORGANIC COMPOUNDS

ND – COMPOUND WAS ANALYZED FOR BUT NOT DETECTED

D – A SECONDARY ANALYSIS AFTER DILUTION DUE TO EXCEEDANCE OF THE CALIBRATION RANGE IN THE ORIGINAL SAMPLE

N W E S

0 10' 20' 40' 60'

SCALE IN FEET 1" = 20'

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93 DUPONT STREET
BROOKLYN, NEW YORK

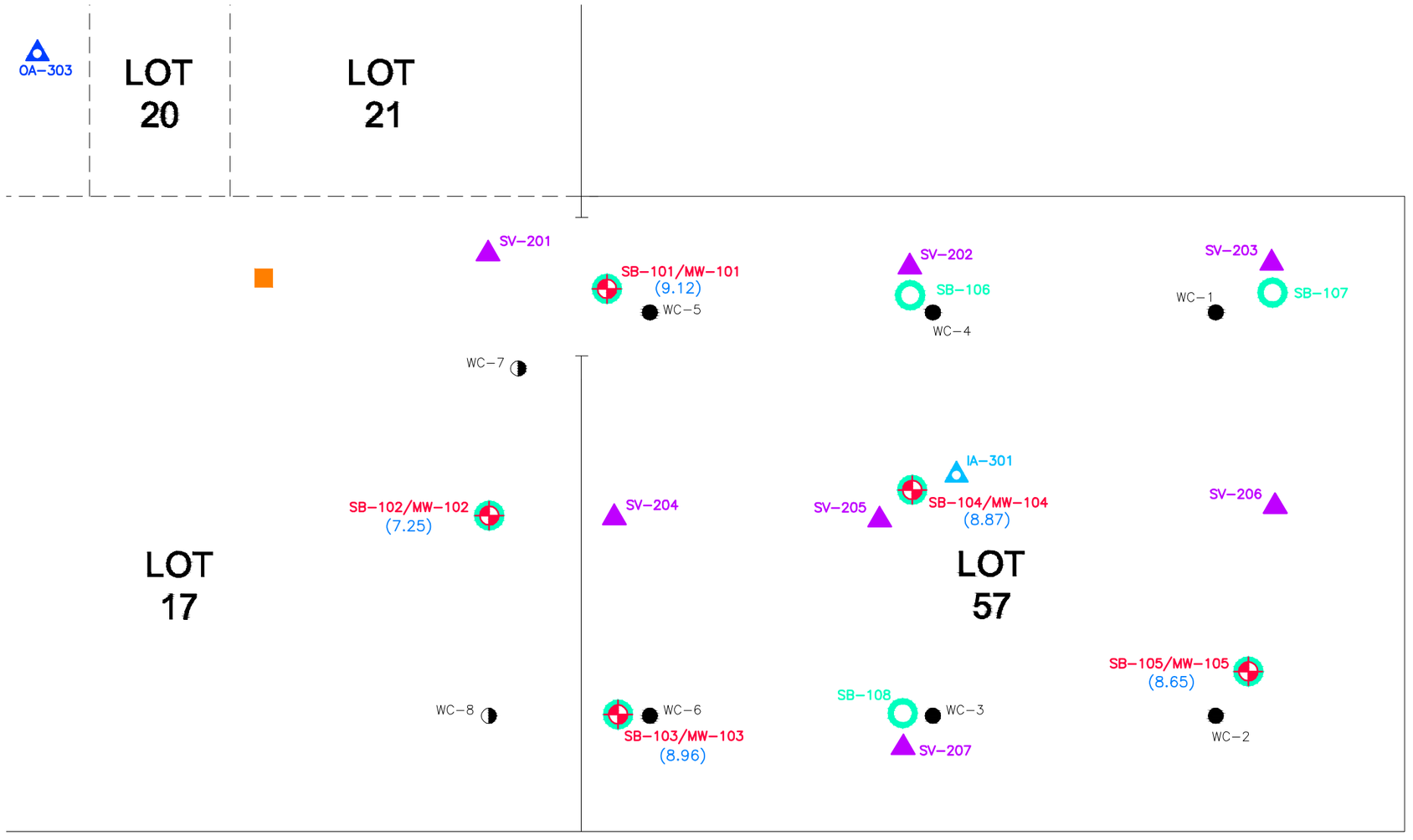
SOIL VAPOR CHEMISTRY RESULTS

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com

PREPARED FOR: DUPONT STREET DEVELOPERS, LLC

PROJ MGR: JB	REVIEWED BY: ZS	CHECKED BY: JB	FIGURE 6
DESIGNED BY: ZS	DRAWN BY: EM	SCALE: 1" = 20'	
DATE: OCTOBER, 2016	PROJECT NO. 12.0076485.00	REVISION NO.	SHEET NO.

©2011 – GZA GeoEnvironmental, Inc. G:\ZA–L:\76400's\12.0076485.00\Figures\CAD\TASK–6\76485.00.06.001.dwg [FIG–6] October 06, 2016 – 1:10pm miguel.torres



LEGEND

WC-1 ●	LOCATION AND DESIGNATION OF SOIL BORING
WC-8 ◑	LOCATION AND DESIGNATION COMPOSITE BORING
SB-101/MW-101 ⊕	LOCATION AND DESIGNATION OF INSTALLED TEMPORARY MONITORING WELL
SB-106 ○	LOCATION AND DESIGNATION OF INSTALLED SOIL SAMPLE
SV-201 ▲	LOCATION AND DESIGNATION OF INSTALLED SOIL VAPOR SAMPLE
IA-301 △	LOCATION AND DESIGNATION OF INSTALLED INDOOR AIR SAMPLE
OA-301 △	LOCATION AND DESIGNATION OF INSTALLED OUTDOOR AIR SAMPLE
■	LOCATION OF INSTALLED AIR MONITORING STATION
(8.87)	AVERAGE GROUNDWATER ELEVATION (IN FEET)

NOTE

1) MOST RECENT GROUNDWATER ELEVATIONS WERE MEASURED ON OCTOBER 4, 2016.
2) BASED ON THE REGIONAL GROUNDWATER ELEVATION INFORMATION, THE GROUNDWATER FLOW DIRECTION IS FROM EAST TO WEST.

N
W E
S

0 10' 20' 40'

SCALE IN FEET 1" = 20'

NO.	ISSUE/DESCRIPTION	BY	DATE

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93 DUPONT STREET
BROOKLYN, NEW YORK

GROUNDWATER ELEVATION MAP

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: DUPONT STREET DEVELOPERS, LLC	
PROJ MGR: JB	REVIEWED BY: ZS	CHECKED BY: JB	FIGURE 7
DESIGNED BY: ZS	DRAWN BY: EM	SCALE: 1" = 20'	
DATE: OCTOBER, 2016	PROJECT NO. 12.0076485.00	REVISION NO.	SHEET NO.

©2016 – GZA GeoEnvironmental, Inc. G:\ZA–\GZAHAM1\JOBS\76400'S\12.0076485.00\FIGURES\CAD\TASK-6\76485.00.06.001.DWG FIG-7 OCTOBER 6, 2016 ZHAN SHU

Table 1. Construction Details for Soil Borings and Monitoring Wells
93 Dupont Street
Brooklyn, New York

	Identification Number	Date of construction	Total Depth	Diameter	Ground surface elevation	Screened interval (Elevation Range)	Construction Material (PVC, steel, etc)	GPS Coordinates
Soil Borings	SB-101	2/11/2016 to 2/12/2016	15 ft	2 inches	NA	15 ft	NA	NA
	SB-102		15 ft	2 inches				
	SB-103		15 ft	2 inches				
	SB-104		15 ft	2 inches				
	SB-105		15 ft	2 inches				
	SB-106		15 ft	2 inches				
	SB-107		15 ft	2 inches				
	SB-108		15 ft	2 inches				
Monitor Wells	MW-101	2/18/2016 to 2/19/2016	10 ft	1 inch	NA	10	PVC	NA
	MW-102		10 ft	1 inch				
	MW-103		10 ft	1 inch				
	MW-104		10 ft	1 inch				
	MW-105		10 ft	1 inch				
Soil Vapor Borings	SV-101	2/18/2016	5	NA	NA	NA	Teflon-lined tubing	NA
	SV-102		5					
	SV-103		5					
	SV-104		4.5					
	SV-105		5					
	SV-106		5					
	SV-107		5					
Indoor Air Sampling	IA-301		NA				NA	
Outdoor Air Sampling	OA-302		NA				NA	
	OA-303		NA				NA	

Table 2. Summary of Groundwater Gauging Results, - 93 Dupont Street
Block 2487 Lot 57, Brooklyn, New York

Well Designation	Date Measured	Top of Casing Elevation	Depth to Water (ft)	Water Table Elevation
MW-101	2/18/2016	14.67	4.44	10.23
MW-102	2/18/2016	14.80	7.04	7.76
MW-103	2/18/2016	14.76	4.40	10.36
MW-104	2/18/2016	14.70	4.93	9.77
MW-105	2/18/2016	14.70	5.25	9.45
MW-101	2/19/2016	14.67	4.90	9.77
MW-102	2/19/2016	14.80	7.12	7.68
MW-103	2/19/2016	14.76	5.66	9.10
MW-104	2/19/2016	14.70	5.18	9.52
MW-105	2/19/2016	14.70	5.45	9.25
MW-101	3/7/2016	14.67	5.17	9.50
MW-102	3/7/2016	14.80	7.31	7.49
MW-103	3/7/2016	14.76	6.54	8.22
MW-104	3/7/2016	14.70	5.38	9.32
MW-105	3/7/2016	14.70	5.68	9.02
MW-101	10/4/2016	14.67	7.70	6.97
MW-102	10/4/2016	14.80	8.74	6.06
MW-103	10/4/2016	14.76	6.61	8.15
MW-104	10/4/2016	14.70	7.85	6.85
MW-105	10/4/2016	14.70	7.83	6.87

NOTES:
GZA gauged the wells on October 4, 2016. All the previous gauging data were provided by Roux.

Table 3. Analytical Methods Summary
93 Dupont Street
Brooklyn, New York

Matrix	Number of Samples	Analytical parameters measured	Analytical methods	Number of duplicate samples	Number and type of QA/QC samples
Soil	21 Samples from 8 Soil Borings	TCL VOCs, TCL SVOCS, PCBs, TAL Metal, Pesticides	TAL Metals by EPA Method 6010C (rev. 2007); VOCs by EPA Method 8260C (rev. 2006); SVOCs by EPA Method 8270D (rev. 2007); Pesticides by EPA Method 8081B (rev. 2000); PCBs by EPA Method 8082A (rev. 2000);	2	2 Field Blank and 2 Trip Blank
Groundwater	5 Samples from 5 Monitoring Wells	TCL VOCs, TCL SVOCS, PCBs, TAL Metal, Pesticides	TAL Metals by EPA Method 6010C (rev. 2007); VOCs by EPA Method 8260C (rev. 2006); SVOCs by EPA Method 8270D (rev. 2007); Pesticides by EPA Method 8081B (rev. 2000); PCBs by EPA Method 8082A (rev. 2000);	1	1 Field Blank and 1 Trip Blank
Soil vapor	7 Sub- slab Samples and 3 Ambient Air Samples	VOCs	TO-15 VOCs	NA	NA

Table 4A. Summary of Volatile Organic Compounds in Soil, 93 Dupont Street, Brooklyn, New York

DRAFT

Paramter	Part 375 Unrestricted Use SCO	CP-51 Residential Supplemental SCO	Part 375 Restricted Residential SCO	Units	SB-101 12 Feb 2016 0 - 2 N	SB-101 12 Feb 2016 10 - 12 N	SB-101 12 Feb 2016 5 - 7 N	SB-101 12 Feb 2016 5 - 7 FD	SB-102 12 Feb 2016 0 - 2 N	SB-102 12 Feb 2016 10 - 12 N	SB-102 12 Feb 2016 5 - 7 N	SB-103 12 Feb 2016 0 - 2 N	SB-103 12 Feb 2016 10 - 12 N	SB-103 12 Feb 2016 4 - 6 N	SB-104 11 Feb 2016 0 - 2 N	SB-104 11 Feb 2016 10 - 12 N
Sample Designation:					SB-101	SB-101	SB-101	SB-101	SB-102	SB-102	SB-102	SB-103	SB-103	SB-103	SB-104	SB-104
Date Sampled:					12 Feb 2016	12 Feb 2016	12 Feb 2016	12 Feb 2016	12 Feb 2016	12 Feb 2016	12 Feb 2016	12 Feb 2016	12 Feb 2016	12 Feb 2016	11 Feb 2016	11 Feb 2016
Sample Depth (ft bls):					0 - 2	10 - 12	5 - 7	5 - 7	0 - 2	10 - 12	5 - 7	0 - 2	10 - 12	4 - 6	0 - 2	10 - 12
Sample Type:					N	N	N	FD	N	N	N	N	N	N	N	N
1,1,1,2-Tetrachloroethane	--	--	--	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
1,1,1-Trichloroethane	680	--	100000	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
1,1,2,2-Tetrachloroethane	--	35000	--	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
1,1,2-Trichloroethane	--	--	--	UG/KG	1.7 U	1.7 U	1.6 U	1.6 U	1.8 U	1.7 U	1.7 U	1.7 U	6.6 U	1.6 U	1.7 U	1.7 U
1,1-Dichloroethane	270	--	26000	UG/KG	1.7 U	1.7 U	1.6 U	1.6 U	1.8 U	1.7 U	1.7 U	1.7 U	6.6 U	1.6 U	1.7 U	1.7 U
1,1-Dichloroethene	330	--	100000	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
1,1-Dichloropropene	--	--	--	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
1,2,3-Trichloropropane	--	80000	--	UG/KG	12 U	11 U	10 U	11 U	12 U	11 U	11 U	12 U	44 U	11 U	11 U	11 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	4.6 U	4.5 U	4.2 U	4.3 U	4.8 U	4.5 U	4.5 U	4.6 U	18 U	4.4 U	4.5 U	4.5 U
1,2,4-Trichlorobenzene	--	--	--	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
1,2,4-Trimethylbenzene	3600	--	52000	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
1,2-Dibromo-3-Chloropropane	--	--	--	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	UG/KG	4.6 U	4.5 U	4.2 U	4.3 U	4.8 U	4.5 U	4.5 U	4.6 U	18 U	4.4 U	4.5 U	4.5 U
1,2-Dichlorobenzene	1100	--	100000	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
1,2-Dichloroethane	20	--	3100	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
Dichloroethylenes	--	--	--	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
1,2-Dichloropropane	--	--	--	UG/KG	4 U	3.9 U	3.7 U	3.8 U	4.2 U	4 U	3.9 U	4 U	15 U	3.8 U	3.9 U	4 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	--	52000	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
1,3-Dichlorobenzene	2400	--	49000	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
1,3-Dichloropropane	--	--	--	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
1,4-Dichlorobenzene	1800	--	13000	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
1,4-Diethyl Benzene	--	--	--	UG/KG	4.6 U	4.5 U	4.2 U	4.3 U	4.8 U	4.5 U	4.5 U	4.6 U	18 U	4.4 U	4.5 U	4.5 U
1,4-Dioxane (P-Dioxane)	100	--	13000	UG/KG	120 U	110 U	100 U	110 U	120 U	110 U	110 U	120 U	440 U	110 U	110 U	110 U
2,2-Dichloropropane	--	--	--	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	UG/KG	12 U	11 U	10 U	11 U	12 U	11 U	11 U	12 U	44 U	11 U	11 U	11 U
2-Hexanone	--	--	--	UG/KG	12 U	11 U	10 U	11 U	12 U	11 U	11 U	12 U	44 U	11 U	11 U	11 U
4-Ethyltoluene	--	--	--	UG/KG	4.6 U	4.5 U	4.2 U	4.3 U	4.8 U	4.5 U	4.5 U	4.6 U	18 U	4.4 U	4.5 U	4.5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	UG/KG	12 U	11 U	10 U	11 U	12 U	11 U	11 U	12 U	44 U	11 U	11 U	11 U
Acetone	50	--	100000	UG/KG	3.6 J	16	5.2 J	10 J	2.7 J	3.4 J	2.2 J	18	22 J	13	2.8 J	11 U
Acrylonitrile	--	--	--	UG/KG	12 U	11 U	10 U	11 U	12 U	11 U	11 U	12 U	44 U	11 U	11 U	11 U
Benzene	60	--	4800	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
Bromobenzene	--	--	--	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
Bromochloromethane	--	--	--	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
Bromodichloromethane	--	--	--	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
Bromoform	--	--	--	UG/KG	4.6 U	4.5 U	4.2 U	4.3 U	4.8 U	4.5 U	4.5 U	4.6 U	18 U	4.4 U	4.5 U	4.5 U
Bromomethane	--	--	--	UG/KG	2.3 U	2.2 U	2.1 U	2.1 U	2.4 U	2.3 U	2.2 U	2.3 U	8.8 U	2.2 U	2.2 U	2.3 U
Carbon Disulfide	--	100000	--	UG/KG	12 U	11 U	10 U	11 U	12 U	11 U	11 U	12 U	44 U	11 U	11 U	11 U
Carbon Tetrachloride	760	--	2400	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
Chlorobenzene	1100	--	100000	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
Chloroethane	--	--	--	UG/KG	2.3 U	2.2 U	2.1 U	2.1 U	2.4 U	2.3 U	2.2 U	2.3 U	8.8 U	2.2 U	2.2 U	2.3 U
Chloroform	370	--	49000	UG/KG	1.7 U	1.7 U	1.6 U	1.6 U	1.8 U	1.7 U	1.7 U	1.7 U	6.6 U	1.6 U	1.7 U	1.7 U
Chloromethane	--	--	--	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
Cis-1,2-Dichloroethylene	250	--	100000	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
Cis-1,3-Dichloropropene	--	--	--	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
Dibromochloromethane	--	--	--	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
Dibromomethane	--	--	--	UG/KG	12 U	11 U	10 U	11 U	12 U	11 U	11 U	12 U	44 U	11 U	11 U	11 U

Table 4A. Summary of Volatile Organic Compounds in Soil, 93 Dupont Street, Brooklyn, New York

DRAFT

Paramter	Part 375 Unrestricted Use SCO	CP-51 Residential Supplemental SCO	Part 375 Restricted Residential SCO	Units	Sample Designation: SB-101 Date Sampled: 12 Feb 2016 Sample Depth (ft bls): 0 - 2 Sample Type: N	SB-101 12 Feb 2016 10 - 12 N	SB-101 12 Feb 2016 5 - 7 N	SB-101 12 Feb 2016 5 - 7 FD	SB-102 12 Feb 2016 0 - 2 N	SB-102 12 Feb 2016 10 - 12 N	SB-102 12 Feb 2016 5 - 7 N	SB-103 12 Feb 2016 0 - 2 N	SB-103 12 Feb 2016 10 - 12 N	SB-103 12 Feb 2016 4 - 6 N	SB-104 11 Feb 2016 0 - 2 N	SB-104 11 Feb 2016 10 - 12 N
Dichlorodifluoromethane	--	--	--	UG/KG	12 U	11 U	10 U	11 U	12 U	11 U	11 U	12 U	44 U	11 U	11 U	11 U
Diethyl Ether (Ethyl Ether)	--	--	--	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
Ethylbenzene	1000	--	41000	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
Hexachlorobutadiene	--	--	--	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
Isopropylbenzene (Cumene)	--	100000	--	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
Tert-Butyl Methyl Ether	930	--	100000	UG/KG	2.3 U	2.2 U	2.1 U	2.1 U	2.4 U	2.3 U	2.2 U	2.3 U	8.8 U	2.2 U	2.2 U	2.3 U
Methylene Chloride	50	--	100000	UG/KG	12 U	11 U	10 U	11 U	12 U	11 U	11 U	12 U	44 U	11 U	11 U	11 U
Naphthalene	12000	--	100000	UG/KG	5.8 U	5.6 U	5.2 U	0.26 J	6 U	5.6 U	5.6 U	5.8 U	22 U	0.29 J	5.6 U	5.6 U
N-Butylbenzene	12000	--	100000	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
N-Propylbenzene	3900	--	100000	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
2-Chlorotoluene	--	--	--	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	UG/KG	2.3 U	2.2 U	2.1 U	2.1 U	2.4 U	2.3 U	2.2 U	2.3 U	1.1 J	2.2 U	2.2 U	2.3 U
m,p-Xylene	--	--	--	UG/KG	2.3 U	2.2 U	2.1 U	2.1 U	2.4 U	2.3 U	2.2 U	2.3 U	2.2 J	2.2 U	2.2 U	2.3 U
4-Chlorotoluene	--	--	--	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
Cymene	--	--	--	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
Sec-Butylbenzene	11000	--	100000	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
Styrene	--	--	--	UG/KG	2.3 U	2.2 U	2.1 U	2.1 U	2.4 U	2.3 U	2.2 U	2.3 U	8.8 U	2.2 U	2.2 U	2.3 U
T-Butylbenzene	5900	--	100000	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
Tetrachloroethylene (PCE)	1300	--	19000	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
Toluene	700	--	100000	UG/KG	1.7 U	1.7 U	0.22 J	0.31 J	1.8 U	1.7 U	1.7 U	0.23 J	1.1 J	0.36 J	0.24 J	0.6 J
Trans-1,2-Dichloroethene	190	--	100000	UG/KG	1.7 U	1.7 U	1.6 U	1.6 U	1.8 U	1.7 U	1.7 U	1.7 U	6.6 U	1.6 U	1.7 U	1.7 U
Trans-1,3-Dichloropropene	--	--	--	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
Trichloroethylene (TCE)	470	--	21000	UG/KG	1.2 U	1.1 U	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	4.4 U	1.1 U	1.1 U	1.1 U
Trichlorofluoromethane	--	--	--	UG/KG	5.8 U	5.6 U	5.2 U	5.4 U	6 U	5.6 U	5.6 U	5.8 U	22 U	5.5 U	5.6 U	5.6 U
Vinyl Acetate	--	--	--	UG/KG	12 U	11 U	10 U	11 U	12 U	11 U	11 U	12 U	44 U	11 U	11 U	11 U
Vinyl Chloride	20	--	900	UG/KG	2.3 U	2.2 U	2.1 U	2.1 U	2.4 U	2.3 U	2.2 U	2.3 U	8.8 U	2.2 U	2.2 U	2.3 U
Xylenes	260	--	100000	UG/KG	2.3 U	2.2 U	2.1 U	2.1 U	2.4 U	2.3 U	2.2 U	2.3 U	3.3 J	2.2 U	2.2 U	2.3 U

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
FD - Duplicate sample
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
SCO - Soil Cleanup Objectives
SSCO - Supplemental Soil Cleanup Objectives
-- No SCO or SSCO available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use SCO
Shaded data indicates that parameter was detected above the NYSDEC CP-51 Residential SSCO
Red data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Table 4A. Summary of Volatile Organic Compounds in Soil, 93 Dupont Street, Brooklyn, New York

DRAFT

Paramter	Part 375 Unrestricted Use SCO	CP-51 Residential Supplemental SCO	Part 375 Restricted Residential SCO	Units	Sample Designation: SB-104 Date Sampled: 11 Feb 2016 Sample Depth (ft bls): 5 - 7 Sample Type: N	SB-105 11 Feb 2016 0 - 2 N	SB-105 11 Feb 2016 10 - 12 N	SB-106 11 Feb 2016 0 - 2 N	SB-106 11 Feb 2016 10 - 12 N	SB-107 11 Feb 2016 0 - 2 N	SB-107 11 Feb 2016 10 - 12 N	SB-108 11 Feb 2016 0 - 2 N	SB-108 11 Feb 2016 0 - 2 FD	SB-108 11 Feb 2016 10 - 12 N	SB-108 11 Feb 2016 4 - 6 N
1,1,1,2-Tetrachloroethane	--	--	--	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
1,1,1-Trichloroethane	680	--	100000	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
1,1,2,2-Tetrachloroethane	--	35000	--	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
1,1,2-Trichloroethane	--	--	--	UG/KG	1.5 U	1.8 U	1.6 U	1.7 U	1.9 U	1.6 U	1.6 U	1.7 U	1.8 U	1.6 U	1.6 U
1,1-Dichloroethane	270	--	26000	UG/KG	1.5 U	1.8 U	1.6 U	1.7 U	1.9 U	1.6 U	1.6 U	1.7 U	1.8 U	1.6 U	1.6 U
1,1-Dichloroethene	330	--	100000	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
1,1-Dichloropropene	--	--	--	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
1,2,3-Trichloropropane	--	80000	--	UG/KG	10 U	12 U	10 U	12 U	12 U	11 U	11 U	11 U	12 U	11 U	11 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	4 U	4.8 U	4.1 U	4.7 U	5 U	4.4 U	4.3 U	4.5 U	4.7 U	4.4 U	4.3 U
1,2,4-Trichlorobenzene	--	--	--	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
1,2,4-Trimethylbenzene	3600	--	52000	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
1,2-Dibromo-3-Chloropropane	--	--	--	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	UG/KG	4 U	4.8 U	4.1 U	4.7 U	5 U	4.4 U	4.3 U	4.5 U	4.7 U	4.4 U	4.3 U
1,2-Dichlorobenzene	1100	--	100000	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
1,2-Dichloroethane	20	--	3100	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
Dichloroethylenes	--	--	--	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
1,2-Dichloropropane	--	--	--	UG/KG	3.5 U	4.2 U	3.6 U	4.1 U	4.3 U	3.8 U	3.8 U	4 U	4.1 U	3.8 U	3.8 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	--	52000	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
1,3-Dichlorobenzene	2400	--	49000	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
1,3-Dichloropropane	--	--	--	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
1,4-Dichlorobenzene	1800	--	13000	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
1,4-Diethyl Benzene	--	--	--	UG/KG	4 U	4.8 U	4.1 U	4.7 U	5 U	4.4 U	4.3 U	4.5 U	4.7 U	4.4 U	4.3 U
1,4-Dioxane (P-Dioxane)	100	--	13000	UG/KG	100 U	120 U	100 U	120 U	120 U	110 U	110 U	110 U	120 U	110 U	110 U
2,2-Dichloropropane	--	--	--	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	UG/KG	10 U	3.5 J	10 U	12 U	12 U	11 U	11 U	11 U	1.5 J	11 U	11 U
2-Hexanone	--	--	--	UG/KG	10 U	12 U	10 U	12 U	12 U	11 U	11 U	11 U	12 U	11 U	11 U
4-Ethyltoluene	--	--	--	UG/KG	4 U	4.8 U	4.1 U	4.7 U	5 U	4.4 U	4.3 U	4.5 U	4.7 U	4.4 U	4.3 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	UG/KG	10 U	12 U	10 U	12 U	12 U	11 U	11 U	11 U	12 U	11 U	11 U
Acetone	50	--	100000	UG/KG	3.1 J	36	4.4 J	8.1 J	2.7 J	11 U	18	3.8 J	15	1.4 J	4.3 J
Acrylonitrile	--	--	--	UG/KG	10 U	12 U	10 U	12 U	12 U	11 U	11 U	11 U	12 U	11 U	11 U
Benzene	60	--	4800	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
Bromobenzene	--	--	--	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
Bromochloromethane	--	--	--	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
Bromodichloromethane	--	--	--	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
Bromoform	--	--	--	UG/KG	4 U	4.8 U	4.1 U	4.7 U	5 U	4.4 U	4.3 U	4.5 U	4.7 U	4.4 U	4.3 U
Bromomethane	--	--	--	UG/KG	2 U	2.4 U	2.1 U	2.3 U	2.5 U	2.2 U	2.2 U	2.3 U	2.4 U	2.2 U	2.1 U
Carbon Disulfide	--	100000	--	UG/KG	10 U	12 U	10 U	12 U	12 U	11 U	11 U	11 U	12 U	11 U	11 U
Carbon Tetrachloride	760	--	2400	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
Chlorobenzene	1100	--	100000	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
Chloroethane	--	--	--	UG/KG	2 U	2.4 U	2.1 U	2.3 U	2.5 U	2.2 U	2.2 U	2.3 U	2.4 U	2.2 U	2.1 U
Chloroform	370	--	49000	UG/KG	1.5 U	1.8 U	1.6 U	1.7 U	1.9 U	1.6 U	1.6 U	1.7 U	1.8 U	1.6 U	1.6 U
Chloromethane	--	--	--	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
Cis-1,2-Dichloroethylene	250	--	100000	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
Cis-1,3-Dichloropropene	--	--	--	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
Dibromochloromethane	--	--	--	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
Dibromomethane	--	--	--	UG/KG	10 U	12 U	10 U	12 U	12 U	11 U	11 U	11 U	12 U	11 U	11 U

Table 4A. Summary of Volatile Organic Compounds in Soil, 93 Dupont Street, Brooklyn, New York

DRAFT

Paramter	Part 375 Unrestricted Use SCO	CP-51 Residential Supplemental SCO	Part 375 Restricted Residential SCO	Units	Sample Designation: SB-104 Date Sampled: 11 Feb 2016 Sample Depth (ft bls): 5 - 7 Sample Type: N	SB-105 11 Feb 2016 0 - 2 N	SB-105 11 Feb 2016 10 - 12 N	SB-106 11 Feb 2016 0 - 2 N	SB-106 11 Feb 2016 10 - 12 N	SB-107 11 Feb 2016 0 - 2 N	SB-107 11 Feb 2016 10 - 12 N	SB-108 11 Feb 2016 0 - 2 N	SB-108 11 Feb 2016 0 - 2 FD	SB-108 11 Feb 2016 10 - 12 N	SB-108 11 Feb 2016 4 - 6 N
Dichlorodifluoromethane	--	--	--	UG/KG	10 U	12 U	10 U	12 U	12 U	11 U	11 U	11 U	12 U	11 U	11 U
Diethyl Ether (Ethyl Ether)	--	--	--	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
Ethylbenzene	1000	--	41000	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
Hexachlorobutadiene	--	--	--	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
Isopropylbenzene (Cumene)	--	100000	--	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
Tert-Butyl Methyl Ether	930	--	100000	UG/KG	2 U	2.4 U	2.1 U	2.3 U	2.5 U	2.2 U	2.2 U	2.3 U	2.4 U	2.2 U	2.1 U
Methylene Chloride	50	--	100000	UG/KG	10 U	12 U	10 U	12 U	12 U	11 U	11 U	11 U	12 U	11 U	11 U
Naphthalene	12000	--	100000	UG/KG	5 U	6 U	5.2 U	5.8 U	1.3 J	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
N-Butylbenzene	12000	--	100000	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
N-Propylbenzene	3900	--	100000	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
2-Chlorotoluene	--	--	--	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	UG/KG	2 U	2.4 U	2.1 U	2.3 U	2.5 U	2.2 U	2.2 U	2.3 U	0.42 J	2.2 U	2.1 U
m,p-Xylene	--	--	--	UG/KG	2 U	2.4 U	2.1 U	2.3 U	2.5 U	2.2 U	2.2 U	2.3 U	0.86 J	2.2 U	2.1 U
4-Chlorotoluene	--	--	--	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
Cymene	--	--	--	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
Sec-Butylbenzene	11000	--	100000	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
Styrene	--	--	--	UG/KG	2 U	2.4 U	2.1 U	2.3 U	2.5 U	2.2 U	2.2 U	2.3 U	2.4 U	2.2 U	2.1 U
T-Butylbenzene	5900	--	100000	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
Tetrachloroethylene (PCE)	1300	--	19000	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
Toluene	700	--	100000	UG/KG	0.25 J	1.8 U	1.6 U	1.7 U	0.32 J	0.26 J	1.6 U	0.25 J	0.26 J	0.26 J	0.22 J
Trans-1,2-Dichloroethene	190	--	100000	UG/KG	1.5 U	1.8 U	1.6 U	1.7 U	1.9 U	1.6 U	1.6 U	1.7 U	1.8 U	1.6 U	1.6 U
Trans-1,3-Dichloropropene	--	--	--	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
Trichloroethylene (TCE)	470	--	21000	UG/KG	1 U	1.2 U	1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
Trichlorofluoromethane	--	--	--	UG/KG	5 U	6 U	5.2 U	5.8 U	6.2 U	5.5 U	5.4 U	5.7 U	5.9 U	5.5 U	5.4 U
Vinyl Acetate	--	--	--	UG/KG	10 U	12 U	10 U	12 U	12 U	11 U	11 U	11 U	12 U	11 U	11 U
Vinyl Chloride	20	--	900	UG/KG	2 U	2.4 U	2.1 U	2.3 U	2.5 U	2.2 U	2.2 U	2.3 U	2.4 U	2.2 U	2.1 U
Xylenes	260	--	100000	UG/KG	2 U	2.4 U	2.1 U	2.3 U	2.5 U	2.2 U	2.2 U	2.3 U	1.3 J	2.2 U	2.1 U

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
FD - Duplicate sample
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
SCO - Soil Cleanup Objectives
SSCO - Supplemental Soil Cleanup Objectives
-- No SCO or SSCO available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use SCO
Shaded data indicates that parameter was detected above the NYSDEC CP-51 Residential SSCO
Red data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Table 4B. Summary of Semivolatile Organic Compounds in Soil, 93 Dupont Street, Brooklyn, New York

DRAFT

Paramter	Part 375 Unrestricted Use SCO	CP-51 Residential Supplemental SCO	Part 375 Restricted Residential SCO	Units	Sample Designation: SB-101 Date Sampled: 12 Feb 2016 Sample Depth (ft bls): 0 - 2 Sample Type: N	SB-101 12 Feb 2016 10 - 12 N	SB-101 12 Feb 2016 5 - 7 N	SB-101 12 Feb 2016 5 - 7 FD	SB-102 12 Feb 2016 0 - 2 N	SB-102 12 Feb 2016 10 - 12 N	SB-102 12 Feb 2016 5 - 7 N	SB-103 12 Feb 2016 0 - 2 N	SB-103 12 Feb 2016 10 - 12 N	SB-103 12 Feb 2016 4 - 6 N	SB-104 11 Feb 2016 0 - 2 N	SB-104 11 Feb 2016 10 - 12 N
1,2,4,5-Tetrachlorobenzene	--	--	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
1,2,4-Trichlorobenzene	--	--	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
1,2-Dichlorobenzene	1100	--	100000	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
1,3-Dichlorobenzene	2400	--	49000	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
1,4-Dichlorobenzene	1800	--	13000	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
2,4,5-Trichlorophenol	--	100000	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
2,4,6-Trichlorophenol	--	--	--	UG/KG	120 U	120 U	120 U	120 U	120 U	120 U	120 U	130 U	120 U	120 U	120 U	130 U
2,4-Dichlorophenol	--	100000	--	UG/KG	180 U	180 U	180 U	180 U	180 U	180 U	170 U	190 U	180 U	180 U	180 U	190 U
2,4-Dimethylphenol	--	--	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
2,4-Dinitrophenol	--	100000	--	UG/KG	980 U	950 U	960 U	950 U	930 U	990 U	930 U	1000 U	970 U	980 U	960 U	1000 U
2,4-Dinitrotoluene	--	--	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
2,6-Dinitrotoluene	--	1030	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
2-Chloronaphthalene	--	--	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
2-Chlorophenol	--	100000	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
2-Methylnaphthalene	--	410	--	UG/KG	240 U	240 U	240 U	240 U	230 U	250 U	230 U	200 J	240 U	240 U	240 U	260 U
2-Methylphenol (O-Cresol)	330	--	100000	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
2-Nitroaniline	--	--	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
2-Nitrophenol	--	--	--	UG/KG	440 U	430 U	430 U	420 U	420 U	440 U	420 U	460 U	440 U	440 U	430 U	460 U
3,3'-Dichlorobenzidine	--	--	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
3- And 4- Methylphenol (Total)	--	--	--	UG/KG	290 U	280 U	290 U	280 U	280 U	300 U	280 U	300 U	290 U	290 U	290 U	310 U
3-Nitroaniline	--	--	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
4,6-Dinitro-2-Methylphenol	--	--	--	UG/KG	530 U	510 U	520 U	510 U	510 U	530 U	500 U	550 U	530 U	530 U	520 U	560 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
4-Chloroaniline	--	100000	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
4-Nitroaniline	--	--	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
4-Nitrophenol	--	--	--	UG/KG	280 U	280 U	280 U	280 U	270 U	290 U	270 U	300 U	280 U	290 U	280 U	300 U
Acenaphthene	20000	--	100000	UG/KG	160 U	160 U	160 U	160 U	160 U	160 U	150 U	710	160 U	160 U	160 U	170 U
Acenaphthylene	100000	--	100000	UG/KG	160 U	160 U	160 U	160 U	160 U	160 U	150 U	870	160 U	160 U	160 U	170 U
Acetophenone	--	--	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
Anthracene	100000	--	100000	UG/KG	120 U	120 U	120 U	120 U	120 U	120 U	120 U	2600	120 U	120 U	120 U	130 U
Benzo(A)Anthracene	**1000**	--	1000	UG/KG	120 U	120 U	120 U	120 U	120 U	35 J	120 U	**9200**	37 J	28 J	120 U	130 U
Benzo(A)Pyrene	**1000**	--	1000	UG/KG	160 U	160 U	160 U	160 U	160 U	160 U	150 U	**8400**	160 U	160 U	160 U	170 U
Benzo(B)Fluoranthene	**1000**	--	1000	UG/KG	120 U	120 U	120 U	120 U	120 U	40 J	120 U	**11000**	44 J	120 U	120 U	130 U
Benzo(G,H,I)Perylene	100000	--	100000	UG/KG	160 U	160 U	160 U	160 U	160 U	29 J	150 U	5200	160 U	160 U	160 U	170 U
Benzo(K)Fluoranthene	**800**	--	3900	UG/KG	120 U	120 U	120 U	120 U	120 U	120 U	120 U	**3400**	120 U	120 U	120 U	130 U
Benzoic Acid	--	100000	--	UG/KG	660 U	640 U	650 U	640 U	630 U	670 U	630 U	680 U	660 U	660 U	650 U	690 U
Benzyl Alcohol	--	--	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
Biphenyl (Diphenyl)	--	--	--	UG/KG	460 U	450 U	450 U	450 U	440 U	470 U	440 U	82 J	460 U	470 U	460 U	490 U
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	220 U	210 U	220 U	210 U	210 U	220 U	210 U	230 U	220 U	220 U	220 U	230 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	UG/KG	180 U	180 U	180 U	180 U	180 U	180 U	170 U	190 U	180 U	180 U	180 U	190 U
Bis(2-Chloroisopropyl) Ether	--	--	--	UG/KG	240 U	240 U	240 U	240 U	230 U	250 U	230 U	250 U	240 U	240 U	240 U	260 U
Bis(2-Ethylhexyl) Phthalate	--	50000	--	UG/KG	1500	390	2000	1200	190 U	200 U	190 U	210 U	240	200 U	1300	300

Table 4B. Summary of Semivolatile Organic Compounds in Soil, 93 Dupont Street, Brooklyn, New York

DRAFT

Paramter	Part 375 Unrestricted Use SCO	CP-51 Residential Supplemental SCO	Part 375 Restricted Residential SCO	Units	Sample Designation: SB-101 Date Sampled: 12 Feb 2016 Sample Depth (ft bls): 0 - 2 Sample Type: N	SB-101 12 Feb 2016 10 - 12 N	SB-101 12 Feb 2016 5 - 7 N	SB-101 12 Feb 2016 5 - 7 FD	SB-102 12 Feb 2016 0 - 2 N	SB-102 12 Feb 2016 10 - 12 N	SB-102 12 Feb 2016 5 - 7 N	SB-103 12 Feb 2016 0 - 2 N	SB-103 12 Feb 2016 10 - 12 N	SB-103 12 Feb 2016 4 - 6 N	SB-104 11 Feb 2016 0 - 2 N	SB-104 11 Feb 2016 10 - 12 N
Benzyl Butyl Phthalate	--	100000	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
Carbazole	--	--	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	1300	200 U	200 U	200 U	210 U
Chrysene	**1000**	--	3900	UG/KG	120 U	120 U	120 U	120 U	120 U	33 J	120 U	**9800**	36 J	26 J	120 U	130 U
Dibenz(A,H)Anthracene	**330**	--	330	UG/KG	120 U	120 U	120 U	120 U	120 U	120 U	120 U	**1300**	120 U	120 U	120 U	130 U
Dibenzofuran	7000	--	59000	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	660	200 U	200 U	200 U	210 U
Diethyl Phthalate	--	100000	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
Dimethyl Phthalate	--	100000	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
Di-N-Butyl Phthalate	--	100000	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
Di-N-Octylphthalate	--	100000	--	UG/KG	200 U	200 U	200 U	120 J	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
Fluoranthene	100000	--	100000	UG/KG	120 U	120 U	120 U	120 U	120 U	68 J	120 U	22000	79 J	54 J	120 U	130 U
Fluorene	30000	--	100000	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	770	200 U	200 U	200 U	210 U
Hexachlorobenzene	330	410	1200	UG/KG	120 U	120 U	120 U	120 U	120 U	120 U	120 U	130 U	120 U	120 U	120 U	130 U
Hexachlorobutadiene	--	--	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
Hexachlorocyclopentadiene	--	--	--	UG/KG	580 U	570 U	570 U	560 U	560 U	590 U	550 U	600 U	580 U	580 U	570 U	610 U
Hexachloroethane	--	--	--	UG/KG	160 U	160 U	160 U	160 U	160 U	160 U	150 U	170 U	160 U	160 U	160 U	170 U
Indeno(1,2,3-C,D)Pyrene	**500**	--	500	UG/KG	160 U	160 U	160 U	160 U	160 U	160 U	150 U	**5600**	160 U	160 U	160 U	170 U
Isophorone	--	100000	--	UG/KG	180 U	180 U	180 U	180 U	180 U	180 U	170 U	190 U	180 U	180 U	180 U	190 U
Naphthalene	12000	--	100000	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	570	200 U	200 U	200 U	210 U
Nitrobenzene	--	3700	--	UG/KG	180 U	180 U	180 U	180 U	180 U	180 U	170 U	190 U	180 U	180 U	180 U	190 U
N-Nitrosodiphenylamine	--	--	--	UG/KG	160 U	160 U	160 U	160 U	160 U	160 U	150 U	170 U	160 U	160 U	160 U	170 U
N-Nitrosodi-N-Propylamine	--	--	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
4-Chloro-3-Methylphenol	--	--	--	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
Pentachlorophenol	800	--	6700	UG/KG	160 U	160 U	160 U	160 U	160 U	160 U	150 U	170 U	160 U	160 U	160 U	170 U
Phenanthrene	100000	--	100000	UG/KG	120 U	120 U	120 U	120 U	120 U	52 J	120 U	16000	66 J	37 J	120 U	130 U
Phenol	330	--	100000	UG/KG	200 U	200 U	200 U	200 U	190 U	200 U	190 U	210 U	200 U	200 U	200 U	210 U
Pyrene	100000	--	100000	UG/KG	120 U	120 U	120 U	120 U	120 U	56 J	120 U	21000	75 J	52 J	120 U	130 U

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
FD - Duplicate sample
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
SCO - Soil Cleanup Objectives
SSCO - Supplemental Soil Cleanup Objectives
-- No SCO or SSCO available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use SCO
Shaded data indicates that parameter was detected above the NYSDEC CP-51 Residential SSCO
Red data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Table 4B. Summary of Semivolatile Organic Compounds in Soil, 93 Dupont Street, Brooklyn, New York

DRAFT

Paramter	Part 375 Unrestricted Use SCO	CP-51 Residential Supplemental SCO	Part 375 Restricted Residential SCO	Units	Sample Designation: SB-104 Date Sampled: 11 Feb 2016 Sample Depth (ft bls): 5 - 7 Sample Type: N	SB-105 11 Feb 2016 0 - 2 N	SB-105 11 Feb 2016 10 - 12 N	SB-106 11 Feb 2016 0 - 2 N	SB-106 11 Feb 2016 10 - 12 N	SB-107 11 Feb 2016 0 - 2 N	SB-107 11 Feb 2016 10 - 12 N	SB-108 11 Feb 2016 0 - 2 N	SB-108 11 Feb 2016 0 - 2 FD	SB-108 11 Feb 2016 10 - 12 N	SB-108 11 Feb 2016 4 - 6 N
1,2,4,5-Tetrachlorobenzene	--	--	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
1,2,4-Trichlorobenzene	--	--	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
1,2-Dichlorobenzene	1100	--	100000	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
1,3-Dichlorobenzene	2400	--	49000	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
1,4-Dichlorobenzene	1800	--	13000	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
2,4,5-Trichlorophenol	--	100000	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
2,4,6-Trichlorophenol	--	--	--	UG/KG	120 U	120 U	120 U	120 U	130 U	110 U	120 U	120 U	120 U	120 U	120 U
2,4-Dichlorophenol	--	100000	--	UG/KG	170 U	180 U	180 U	180 U	190 U	170 U	180 U	170 U	170 U	180 U	180 U
2,4-Dimethylphenol	--	--	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
2,4-Dinitrophenol	--	100000	--	UG/KG	920 U	940 U	940 U	960 U	1000 U	890 U	960 U	930 U	920 U	940 U	950 U
2,4-Dinitrotoluene	--	--	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
2,6-Dinitrotoluene	--	1030	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
2-Chloronaphthalene	--	--	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
2-Chlorophenol	--	100000	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
2-Methylnaphthalene	--	410	--	UG/KG	230 U	210 J	240 U	240 U	260 U	220 U	240 U	140 J	120 J	240 U	240 U
2-Methylphenol (O-Cresol)	330	--	100000	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	35 J	190 U	200 U	200 U
2-Nitroaniline	--	--	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
2-Nitrophenol	--	--	--	UG/KG	420 U	420 U	420 U	430 U	460 U	400 U	430 U	420 U	410 U	420 U	420 U
3,3'-Dichlorobenzidine	--	--	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
3- And 4- Methylphenol (Total)	--	--	--	UG/KG	280 U	42 J	280 U	290 U	310 U	260 U	290 U	280 U	280 U	280 U	280 U
3-Nitroaniline	--	--	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
4,6-Dinitro-2-Methylphenol	--	--	--	UG/KG	500 U	510 U	510 U	520 U	550 U	480 U	520 U	500 U	500 U	510 U	510 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
4-Chloroaniline	--	100000	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
4-Nitroaniline	--	--	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
4-Nitrophenol	--	--	--	UG/KG	270 U	280 U	280 U	280 U	300 U	260 U	280 U	270 U	270 U	270 U	280 U
Acenaphthene	20000	--	100000	UG/KG	150 U	600	160 U	160 U	170 U	150 U	160 U	120 J	170	160 U	160 U
Acenaphthylene	100000	--	100000	UG/KG	150 U	650	160 U	160 U	170 U	150 U	160 U	71 J	130 J	160 U	160 U
Acetophenone	--	--	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
Anthracene	100000	--	100000	UG/KG	120 U	1900	120 U	120 U	130 U	110 U	120 U	220	430	120 U	120 U
Benzo(A)Anthracene	**1000**	--	1000	UG/KG	120 U	**4500**	120 U	120 U	130 U	110 U	120 U	**1100**	**1300**	26 J	120 U
Benzo(A)Pyrene	**1000**	--	1000	UG/KG	150 U	**3900**	160 U	160 U	170 U	150 U	160 U	1000	**1200**	160 U	160 U
Benzo(B)Fluoranthene	**1000**	--	1000	UG/KG	120 U	**5000**	120 U	120 U	130 U	110 U	120 U	**1500**	**1600**	120 U	120 U
Benzo(G,H,I)Perylene	100000	--	100000	UG/KG	150 U	2000	160 U	160 U	170 U	150 U	160 U	630	730	160 U	160 U
Benzo(K)Fluoranthene	**800**	--	3900	UG/KG	120 U	**2000**	120 U	120 U	130 U	110 U	120 U	570	680	120 U	120 U
Benzoic Acid	--	100000	--	UG/KG	620 U	640 U	640 U	650 U	690 U	600 U	650 U	630 U	620 U	640 U	640 U
Benzyl Alcohol	--	--	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
Biphenyl (Diphenyl)	--	--	--	UG/KG	440 U	71 J	450 U	460 U	490 U	420 U	460 U	440 U	440 U	450 U	450 U
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	210 U	210 U	210 U	220 U	230 U	200 U	220 U	210 U	210 U	210 U	210 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	UG/KG	170 U	180 U	180 U	180 U	190 U	170 U	180 U	170 U	170 U	180 U	180 U
Bis(2-Chloroisopropyl) Ether	--	--	--	UG/KG	230 U	240 U	240 U	240 U	260 U	220 U	240 U	230 U	230 U	240 U	240 U
Bis(2-Ethylhexyl) Phthalate	--	50000	--	UG/KG	380	190 J	200 U	200 U	210 U	180 U	200 U	900	590	200 U	200 U

Table 4B. Summary of Semivolatile Organic Compounds in Soil, 93 Dupont Street, Brooklyn, New York

DRAFT

Paramter	Part 375 Unrestricted Use SCO	CP-51 Residential Supplemental SCO	Part 375 Restricted Residential SCO	Units	Sample Designation:	SB-104	SB-105	SB-105	SB-106	SB-106	SB-107	SB-107	SB-108	SB-108	SB-108	SB-108
					Date Sampled:	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016
					Sample Depth (ft bls):	5 - 7	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	0 - 2	10 - 12	4 - 6
					Sample Type:	N	N	N	N	N	N	N	N	FD	N	N
Benzyl Butyl Phthalate	--	100000	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
Carbazole	--	--	--	UG/KG	190 U	640	200 U	200 U	210 U	180 U	200 U	240	250	200 U	200 U
Chrysene	**1000**	--	3900	UG/KG	120 U	**4600**	120 U	120 U	130 U	110 U	120 U	**1200**	**1400**	26 J	120 U
Dibenz(A,H)Anthracene	**330**	--	330	UG/KG	120 U	**500**	120 U	120 U	130 U	110 U	120 U	160	180	120 U	120 U
Dibenzofuran	7000	--	59000	UG/KG	190 U	450	200 U	200 U	210 U	180 U	200 U	130 J	150 J	200 U	200 U
Diethyl Phthalate	--	100000	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
Dimethyl Phthalate	--	100000	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
Di-N-Butyl Phthalate	--	100000	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	82 J	200 U	200 U
Di-N-Octylphthalate	--	100000	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
Fluoranthene	100000	--	100000	UG/KG	120 U	10000	120 U	120 U	130 U	110 U	120 U	3000	3400	65 J	120 U
Fluorene	30000	--	100000	UG/KG	190 U	670	200 U	200 U	210 U	180 U	200 U	130 J	190	200 U	200 U
Hexachlorobenzene	330	410	1200	UG/KG	120 U	120 U	120 U	120 U	130 U	110 U	120 U	120 U	120 U	120 U	120 U
Hexachlorobutadiene	--	--	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
Hexachlorocyclopentadiene	--	--	--	UG/KG	550 U	560 U	560 U	570 U	610 U	530 U	570 U	550 U	550 U	560 U	560 U
Hexachloroethane	--	--	--	UG/KG	150 U	160 U	160 U	160 U	170 U	150 U	160 U	160 U	150 U	160 U	160 U
Indeno(1,2,3-C,D)Pyrene	**500**	--	500	UG/KG	150 U	**2200**	160 U	160 U	170 U	150 U	160 U	**690**	**800**	160 U	160 U
Isophorone	--	100000	--	UG/KG	170 U	180 U	180 U	180 U	190 U	170 U	180 U	170 U	170 U	180 U	180 U
Naphthalene	12000	--	100000	UG/KG	190 U	370	200 U	200 U	210 U	180 U	200 U	130 J	220	200 U	200 U
Nitrobenzene	--	3700	--	UG/KG	170 U	180 U	180 U	180 U	190 U	170 U	180 U	170 U	170 U	180 U	180 U
N-Nitrosodiphenylamine	--	--	--	UG/KG	150 U	160 U	160 U	160 U	170 U	150 U	160 U	160 U	150 U	160 U	160 U
N-Nitrosodi-N-Propylamine	--	--	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
4-Chloro-3-Methylphenol	--	--	--	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
Pentachlorophenol	800	--	6700	UG/KG	150 U	160 U	160 U	160 U	170 U	150 U	160 U	160 U	150 U	160 U	160 U
Phenanthrene	100000	--	100000	UG/KG	120 U	8600	120 U	120 U	130 U	110 U	120 U	2200	2300	49 J	120 U
Phenol	330	--	100000	UG/KG	190 U	200 U	200 U	200 U	210 U	180 U	200 U	190 U	190 U	200 U	200 U
Pyrene	100000	--	100000	UG/KG	120 U	9600	120 U	120 U	130 U	110 U	120 U	2600	3100	54 J	120 U

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
FD - Duplicate sample
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
SCO - Soil Cleanup Objectives
SSCO - Supplemental Soil Cleanup Objectives
-- No SCO or SSCO available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use SCO
Shaded data indicates that parameter was detected above the NYSDEC CP-51 Residential SSCO
Red data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Table 4C. Summary of Metals in Soil, 93 Dupont Street, Brooklyn, New York

DRAFT

Paramter	Part 375 Unrestricted Use SCO	CP-51 Residential Supplemental SCO	Part 375 Restricted Residential SCO	Units	Sample Designation:	SB-101	SB-101	SB-101	SB-102	SB-102	SB-102	SB-103	SB-103	SB-103	SB-104	SB-104	SB-104	SB-105
					Date Sampled:	12 Feb 2016	12 Feb 2016	12 Feb 2016	12 Feb 2016	12 Feb 2016	12 Feb 2016	12 Feb 2016	12 Feb 2016	12 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016
					Sample Depth (ft bls):	0 - 2	10 - 12	5 - 7	5 - 7	0 - 2	10 - 12	5 - 7	0 - 2	10 - 12	4 - 6	0 - 2	10 - 12	5 - 7	0 - 2
					Sample Type:	N	N	N	FD	N	N	N	N	N	N	N	N	N	N
Aluminum	--	--	--	MG/KG		6700	7300	3500	9400	6900	15000	4400	6000	5800	9200	10000	6200	7400	6500
Antimony	--	--	--	MG/KG		4.8 U	4.8 U	4.7 U	4.8	4.7 U	5 U	4.7 U	4.9 U	4.9 U	5 U	1.1 J	4.9 U	0.9 J	1.5 J
Arsenic	13	--	16	MG/KG		3	2.5	2.5	4.1	4.7	12	4.2	3	2.4	5.1	3.3	2.9	2.7	8.5
Barium	**350**	--	400	MG/KG		22	34	13	34	31	65	20	68	23	9.1	26	23	20	**490**
Beryllium	7.2	--	72	MG/KG		0.29 J	0.32 J	0.27 J	0.32 J	0.26 J	0.77	0.23 J	0.25 J	0.22 J	0.29 J	0.33 J	0.31 J	0.31 J	0.33 J
Cadmium	2.5	--	4.3	MG/KG		0.96 U	0.95 U	0.94 U	0.93 U	0.93 U	0.81 J	0.93 U	0.98 U	0.97 U	0.99 U	0.92 U	0.98 U	0.93 U	0.94 U
Calcium	--	--	--	MG/KG		1900	620	3600	3400	940	16000	6100	2400	4000	330	2000	730	1200	16000
Chromium, Total	30	--	180	MG/KG		11	9	7.7	17	9.1	27	11	10	10	22	14	11	16	23
Cobalt	--	30	--	MG/KG		6.6	4.3	2.9	6.9	4.9	7.9	3.2	2.4	3.6	5.2	6.7	5.1	6.9	6
Copper	**50**	--	270	MG/KG		11	8.2	4.7	15	10	**67**	8.6	19	11	18	15	11	14	38
Iron	--	2000	--	MG/KG		14000	12000	7400	14000	14000	19000	11000	7700	9600	20000	18000	11000	14000	15000
Lead	**63**	--	400	MG/KG		4.8	14	2.9 J	4.6 U	4.8	**200**	10	**160**	12	15	4.6 U	4.9 U	4.7 U	**2500**
Magnesium	--	--	--	MG/KG		1900	2100	1300	2600	2100	5300	1400	1200	2600	2400	2900	2000	2400	2900
Manganese	1600	--	2000	MG/KG		430	240	74	210	110	340	100	130	110	210	290	110	380	240
Mercury	**0.18**	--	0.81	MG/KG		0.05 J	0.08 U	0.03 J	0.02 J	0.09	0.09 U	0.02 J	**0.27**	0.14	**0.22**	0.05 J	0.08 U	0.02 J	**0.7**
Nickel	30	--	310	MG/KG		10	9	5.5	13	9.4	26	6.2	5.8	8.3	12	13	10	11	13
Potassium	--	--	--	MG/KG		400	490	460	660	320	2700	460	300	370	520	470	430	450	760
Selenium	3.9	--	180	MG/KG		1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	0.38 J	1.9 U	0.51 J	1.9 U	0.43 J	1.8 U	2 U	1.9 U	0.47 J
Silver	2	--	180	MG/KG		0.96 U	0.95 U	0.94 U	0.93 U	0.93 U	1 U	0.93 U	0.34 J	0.97 U	0.99 U	0.92 U	0.98 U	0.93 U	0.94 U
Sodium	--	--	--	MG/KG		56 J	85 J	48 J	110 J	33 J	220	90 J	75 J	55 J	56 J	78 J	52 J	55 J	150 J
Thallium	--	--	--	MG/KG		1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	2 U	1.9 U	2 U	1.9 U	2 U	1.8 U	2 U	1.9 U	1.9 U
Vanadium	--	100	--	MG/KG		13	11	12	13	12	27	15	10	10	20	18	14	15	26
Zinc	**109**	--	10000	MG/KG		39	31	18	49	40	**230**	23	56	29	34	**110**	43	68	**380**

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
FD - Duplicate sample
mg/kg - Milligrams per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
SCO - Soil Cleanup Objectives
SSCO - Supplemental Soil Cleanup Objectives
-- No SCO or SSCO available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use SCO
Shaded data indicates that parameter was detected above the NYSDEC CP-51 Residential SSCO
Red data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Table 4C. Summary of Metals in Soil, 93 Dupont Street, Brooklyn, New York

DRAFT

Paramter	Part 375 Unrestricted Use SCO	CP-51 Residential Supplemental SCO	Part 375 Restricted Residential SCO	Units	Sample Designation: SB-105 Date Sampled: 11 Feb 2016 Sample Depth (ft bls): 10 - 12 Sample Type: N	SB-106 11 Feb 2016 0 - 2 N	SB-106 11 Feb 2016 10 - 12 N	SB-107 11 Feb 2016 0 - 2 N	SB-107 11 Feb 2016 10 - 12 N	SB-108 11 Feb 2016 0 - 2 N	SB-108 11 Feb 2016 0 - 2 FD	SB-108 11 Feb 2016 10 - 12 N	SB-108 11 Feb 2016 4 - 6 N
Aluminum	--	--	--	MG/KG	5000	8200	3400	5400	11000	9000	8100	8000	6400
Antimony	--	--	--	MG/KG	4.8 U	4.7 U	5.1 U	4.3 U	4.6 U	1.6 J	2.4 J	0.94 J	1 J
Arsenic	13	--	16	MG/KG	3.9	3.4	0.98 J	5.1	2.3	4.2	6.7	3.2	5
Barium	**350**	--	400	MG/KG	26	23	12	16	110	300	310	35	23
Beryllium	7.2	--	72	MG/KG	0.3 J	0.24 J	0.2 J	0.42 J	0.45 J	0.33 J	0.3 J	0.34 J	0.62
Cadmium	2.5	--	4.3	MG/KG	0.95 U	0.93 U	1 U	0.86 U	0.93 U	0.94 U	0.91 U	0.94 U	0.9 U
Calcium	--	--	--	MG/KG	510	2000	480	450	12000	9000	16000	10000	680
Chromium, Total	30	--	180	MG/KG	10	18	7.6	9.6	27	17	18	15	17
Cobalt	--	30	--	MG/KG	6.1	5.9	2.6	4.7	9.3	8.2	11	5.8	5.1
Copper	**50**	--	270	MG/KG	8.9	16	5.4	13	23	44	**120**	16	13
Iron	--	2000	--	MG/KG	12000	15000	7300	15000	22000	20000	29000	16000	21000
Lead	**63**	--	400	MG/KG	1.7 J	6.2	5.1 U	4.3 U	0.86 J	**230**	**680**	11	45 U
Magnesium	--	--	--	MG/KG	1500	2600	1100	1300	9200	4300	6300	5400	1800
Manganese	1600	--	2000	MG/KG	180	160	45	220	380	310	340	340	160
Mercury	**0.18**	--	0.81	MG/KG	0.08 U	0.076 J	0.08 U	0.02 J	0.02 J	**0.28**	**0.26**	0.03 J	0.08 U
Nickel	30	--	310	MG/KG	11	11	6.3	6.7	22	13	16	11	10
Potassium	--	--	--	MG/KG	630	510	420	720	4100	640	650	580	500
Selenium	3.9	--	180	MG/KG	1.9 U	1.9 U	2 U	1.7 U	0.36 J	1.9 U	0.38 J	1.9 U	1.8 U
Silver	2	--	180	MG/KG	0.95 U	0.93 U	1 U	0.86 U	0.93 U	0.94 U	0.91 U	0.94 U	0.9 U
Sodium	--	--	--	MG/KG	190 U	140 J	41 J	28 J	180	110 J	130 J	88 J	64 J
Thallium	--	--	--	MG/KG	1.9 U	1.9 U	2 U	1.7 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U
Vanadium	--	100	--	MG/KG	17	15	10	19	31	21	28	16	22
Zinc	**109**	--	10000	MG/KG	30	**240**	64	39	58	**220**	**240**	44	37

J - Estimated value
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FD - Duplicate sample
mg/kg - Milligrams per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
SCO - Soil Cleanup Objectives
SSCO - Supplemental Soil Cleanup Objectives
-- No SCO or SSCO available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use SCO
Shaded data indicates that parameter was detected above the NYSDEC CP-51 Residential SSCO
Red data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Table 4D. Summary of Polychlorinated Biphenyls in Soil, 93 Dupont Street, Brooklyn, New York **DRAFT**

			Sample Designation:		SB-101	SB-101	SB-101	SB-101	SB-102	SB-102	SB-102	SB-103	SB-103	SB-103	SB-104	SB-104
			Date Sampled:		12 Feb 2016	12 Feb 2016	12 Feb 2016	12 Feb 2016	12 Feb 2016	12 Feb 2016	12 Feb 2016	12 Feb 2016	12 Feb 2016	12 Feb 2016	11 Feb 2016	11 Feb 2016
			Sample Depth (ft bls):		0 - 2	10 - 12	5 - 7	5 - 7	0 - 2	10 - 12	5 - 7	0 - 2	10 - 12	4 - 6	0 - 2	10 - 12
			Sample Type:		N	N	N	FD	N	N	N	N	N	N	N	N
Paramter	Part 375 Unrestricted Use SCO	CP-51 Residential Supplemental SCO	Part 375 Restricted Residential SCO	Units												
PCB-1016 (Aroclor 1016)	--	--	--	UG/KG	39.4 U	38.3 U	38.4 U	39.6 U	38.8 U	40.4 U	38.5 U	41 U	39.4 U	39.7 U	39.2 U	40.5 U
PCB-1221 (Aroclor 1221)	--	--	--	UG/KG	39.4 U	38.3 U	38.4 U	39.6 U	38.8 U	40.4 U	38.5 U	41 U	39.4 U	39.7 U	39.2 U	40.5 U
PCB-1232 (Aroclor 1232)	--	--	--	UG/KG	39.4 U	38.3 U	38.4 U	39.6 U	38.8 U	40.4 U	38.5 U	41 U	39.4 U	39.7 U	39.2 U	40.5 U
PCB-1242 (Aroclor 1242)	--	--	--	UG/KG	39.4 U	38.3 U	38.4 U	39.6 U	38.8 U	40.4 U	38.5 U	41 U	39.4 U	39.7 U	39.2 U	40.5 U
PCB-1248 (Aroclor 1248)	--	--	--	UG/KG	39.4 U	38.3 U	38.4 U	39.6 U	38.8 U	40.4 U	38.5 U	41 U	39.4 U	39.7 U	39.2 U	40.5 U
PCB-1254 (Aroclor 1254)	--	--	--	UG/KG	39.4 U	38.3 U	38.4 U	39.6 U	38.8 U	40.4 U	38.5 U	41 U	39.4 U	39.7 U	39.2 U	40.5 U
PCB-1260 (Aroclor 1260)	--	--	--	UG/KG	26.1 J	26.4 J	12.8 J	26.5 J	38.8 U	40.4 U	38.5 U	41 U	39.4 U	39.7 U	14.7 J	40.5 U
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	39.4 U	38.3 U	38.4 U	39.6 U	38.8 U	40.4 U	38.5 U	41 U	39.4 U	39.7 U	39.2 U	40.5 U
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	39.4 U	38.3 U	38.4 U	39.6 U	38.8 U	40.4 U	38.5 U	17.9 J	39.4 U	39.7 U	39.2 U	40.5 U
Polychlorinated Biphenyl (PCBs)	100	--	1000	UG/KG	26.1 J	26.4 J	12.8 J	26.5 J	38.8 U	40.4 U	38.5 U	17.9 J	39.4 U	39.7 U	14.7 J	40.5 U

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
FD - Duplicate sample
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
SCO - Soil Cleanup Objectives
SSCO - Supplemental Soil Cleanup Objectives
-- No SCO or SSCO available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use SCO
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Red data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Table 4D. Summary of Polychlorinated Biphenyls in Soil, 93 Dupont Street, Brooklyn, New York **DRAFT**

			Sample Designation:		SB-104	SB-105	SB-105	SB-106	SB-106	SB-107	SB-107	SB-108	SB-108	SB-108	SB-108
			Date Sampled:		11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016
			Sample Depth (ft bls):		5 - 7	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	0 - 2	10 - 12	4 - 6
			Sample Type:		N	N	N	N	N	N	N	N	FD	N	N
Paramter	Part 375 Unrestricted Use SCO	CP-51 Residential Supplemental SCO	Part 375 Restricted Residential SCO	Units											
PCB-1016 (Aroclor 1016)	--	--	--	UG/KG	37.7 U	38.7 U	39 U	39.4 U	41 U	36 U	39.5 U	39.5 U	37 U	37.7 U	38.3 U
PCB-1221 (Aroclor 1221)	--	--	--	UG/KG	37.7 U	38.7 U	39 U	39.4 U	41 U	36 U	39.5 U	39.5 U	37 U	37.7 U	38.3 U
PCB-1232 (Aroclor 1232)	--	--	--	UG/KG	37.7 U	38.7 U	39 U	39.4 U	41 U	36 U	39.5 U	39.5 U	37 U	37.7 U	38.3 U
PCB-1242 (Aroclor 1242)	--	--	--	UG/KG	37.7 U	38.7 U	39 U	39.4 U	41 U	36 U	39.5 U	39.5 U	37 U	37.7 U	38.3 U
PCB-1248 (Aroclor 1248)	--	--	--	UG/KG	37.7 U	38.7 U	39 U	39.4 U	41 U	36 U	39.5 U	39.5 U	37 U	37.7 U	38.3 U
PCB-1254 (Aroclor 1254)	--	--	--	UG/KG	37.7 U	38.7 U	39 U	39.4 U	41 U	36 U	39.5 U	39.5 U	37 U	37.7 U	38.3 U
PCB-1260 (Aroclor 1260)	--	--	--	UG/KG	13.2 J	13 J	39 U	39.4 U	41 U	36 U	39.5 U	39.5 U	37 U	37.7 U	38.3 U
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	37.7 U	38.7 U	39 U	39.4 U	41 U	36 U	39.5 U	39.5 U	37 U	37.7 U	38.3 U
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	37.7 U	38.7 U	39 U	39.4 U	41 U	36 U	39.5 U	39.5 U	37 U	37.7 U	38.3 U
Polychlorinated Biphenyl (PCBs)	100	--	1000	UG/KG	13.2 J	13 J	39 U	39.4 U	41 U	36 U	39.5 U	39.5 U	37 U	37.7 U	38.3 U

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
FD - Duplicate sample
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
SCO - Soil Cleanup Objectives
SSCO - Supplemental Soil Cleanup Objectives
-- No SCO or SSCO available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use SCO
Shaded data indicates that parameter was detected above the NYSDEC CP-51 Residential SSCO
Red data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Table 4E. Summary of Pesticides in Soil, 93 Dupont Street, Brooklyn, New York

DRAFT

Paramter	Part 375 Unrestricted Use SCO	CP-51 Residential Supplemental SCO	Part 375 Restricted Residential SCO	Units	Sample Designation: SB-101 Date Sampled: 12 Feb 2016 Sample Depth (ft bls): 0 - 2 Sample Type: N	SB-101 12 Feb 2016 10 - 12 N	SB-101 12 Feb 2016 5 - 7 N	SB-101 12 Feb 2016 5 - 7 FD	SB-102 12 Feb 2016 0 - 2 N	SB-102 12 Feb 2016 10 - 12 N	SB-102 12 Feb 2016 5 - 7 N	SB-103 12 Feb 2016 0 - 2 N	SB-103 12 Feb 2016 10 - 12 N	SB-103 12 Feb 2016 4 - 6 N	SB-104 11 Feb 2016 0 - 2 N	SB-104 11 Feb 2016 10 - 12 N
P,P'-DDD	**3.3**	--	13000	UG/KG	1.91 U	1.88 U	1.93 U	**4.27**	1.9 U	1.95 U	1.84 U	2.02 U	1.88 U	1.92 U	1.89 U	1.97 U
P,P'-DDE	**3.3**	--	8900	UG/KG	0.854 J	0.894 J	**3.54**	2.06	1.9 U	1.95 U	1.84 U	2.02 U	1.88 U	1.92 U	0.542 J	1.97 U
P,P'-DDT	**3.3**	--	7900	UG/KG	3.59 U	3.52 U	3.61 U	3.29 J	3.56 U	3.65 U	3.44 U	3.79 U	3.53 U	3.61 U	3.55 U	3.69 U
Aldrin	5	--	97	UG/KG	1.91 U	1.88 U	1.93 U	1.88 U	1.9 U	1.95 U	1.84 U	2.02 U	1.88 U	1.92 U	1.89 U	1.97 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	--	480	UG/KG	0.798 U	0.781 U	0.803 U	0.782 U	0.791 U	0.812 U	0.764 U	0.843 U	0.785 U	0.802 U	0.789 U	0.82 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	--	360	UG/KG	1.91 U	1.88 U	1.93 U	1.88 U	1.9 U	1.95 U	1.84 U	2.02 U	1.88 U	1.92 U	1.89 U	1.97 U
Chlordane	--	--	--	UG/KG	15.6 U	15.2 U	15.7 U	15.2 U	15.4 U	15.8 U	14.9 U	16.4 U	15.3 U	15.6 U	15.4 U	16 U
cis-Chlordane	94	--	4200	UG/KG	2.39 U	2.34 U	2.41 U	2.34 U	2.37 U	2.44 U	2.29 U	2.53 U	2.36 U	2.4 U	0.8 J	2.46 U
Delta BHC (Delta Hexachlorocyclohexane)	40	--	100000	UG/KG	1.91 U	1.88 U	1.93 U	1.88 U	1.9 U	1.95 U	1.84 U	2.02 U	1.88 U	1.92 U	1.89 U	1.97 U
Dieldrin	5	--	200	UG/KG	1.2 U	0.906 J	1.81 PI	0.669 JPI	1.19 U	1.22 U	1.15 U	1.26 U	1.18 U	1.2 U	0.649 J	1.23 U
Alpha Endosulfan	2400	--	24000	UG/KG	1.91 U	1.88 U	1.93 U	1.88 U	1.9 U	1.95 U	1.84 U	2.02 U	1.88 U	1.92 U	1.89 U	1.97 U
Beta Endosulfan	2400	--	24000	UG/KG	1.91 U	1.88 U	1.93 U	1.88 U	1.9 U	1.95 U	1.84 U	2.02 U	1.88 U	1.92 U	1.89 U	1.97 U
Endosulfan Sulfate	2400	--	24000	UG/KG	0.798 U	0.781 U	0.803 U	0.782 U	0.791 U	0.812 U	0.764 U	0.843 U	0.785 U	0.802 U	0.789 U	0.82 U
Endrin	14	--	11000	UG/KG	0.798 U	0.781 U	0.803 U	0.782 U	0.791 U	0.812 U	0.764 U	0.843 U	0.785 U	0.802 U	0.789 U	0.82 U
Endrin Aldehyde	--	--	--	UG/KG	2.39 U	2.34 U	2.41 U	2.34 U	2.37 U	2.44 U	2.29 U	2.53 U	2.36 U	1.08 J	2.37 U	2.46 U
Endrin Ketone	--	--	--	UG/KG	1.91 U	1.88 U	1.93 U	1.88 U	1.9 U	1.95 U	1.84 U	2.02 U	1.88 U	1.92 U	1.89 U	1.97 U
Heptachlor	42	--	2100	UG/KG	0.957 U	0.938 U	0.964 U	0.938 U	0.949 U	0.974 U	0.918 U	1.01 U	0.942 U	0.962 U	0.947 U	0.984 U
Heptachlor Epoxide	--	77	--	UG/KG	3.59 U	3.52 U	3.61 U	3.52 U	3.56 U	3.65 U	3.44 U	2.54 J	3.53 U	3.61 U	3.55 U	3.69 U
Gamma Bhc (Lindane)	100	--	1300	UG/KG	0.798 U	0.781 U	0.803 U	0.782 U	0.791 U	0.812 U	0.764 U	0.843 U	0.785 U	0.802 U	0.789 U	0.82 U
Methoxychlor	--	100000	--	UG/KG	3.59 U	3.52 U	3.61 U	3.52 U	3.56 U	3.65 U	3.44 U	3.79 U	3.53 U	3.61 U	3.55 U	3.69 U
Toxaphene	--	--	--	UG/KG	35.9 U	35.2 U	36.1 U	35.2 U	35.6 U	36.5 U	34.4 U	37.9 U	35.3 U	36.1 U	35.5 U	36.9 U
trans-Chlordane	--	540	--	UG/KG	2.39 U	2.34 U	2.41 U	2.34 U	2.37 U	2.44 U	2.29 U	2.53 U	2.36 U	2.4 U	0.847 JPI	2.04 J

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
FD - Duplicate sample
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
SCO - Soil Cleanup Objectives
SSCO - Supplemental Soil Cleanup Objectives
-- No SCO or SSCO available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use SCO
Shaded data indicates that parameter was detected above the NYSDEC CP-51 Residential SSCO
Red data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Table 4E. Summary of Pesticides in Soil, 93 Dupont Street, Brooklyn, New York

DRAFT

				Sample Designation:	SB-104	SB-105	SB-105	SB-106	SB-106	SB-107	SB-107	SB-108	SB-108	SB-108	SB-108
				Date Sampled:	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016	11 Feb 2016
				Sample Depth (ft bls):	5 - 7	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	0 - 2	10 - 12	4 - 6
				Sample Type:	N	N	N	N	N	N	N	N	FD	N	N
Paramter	Part 375 Unrestricted Use SCO	CP-51 Residential Supplemental SCO	Part 375 Restricted Residential SCO	Units											
P,P'-DDD	**3.3**	--	13000	UG/KG	1.78 U	1.87 U	1.82 U	1.96 U	2.02 U	1.77 U	1.9 U	1.89 U	**7.9**	1.85 U	1.85 U
P,P'-DDE	**3.3**	--	8900	UG/KG	1.78 U	**17.9**	1.82 U	1.96 U	2.02 U	1.77 U	1.9 U	2.2	2.01	1.85 U	1.85 U
P,P'-DDT	**3.3**	--	7900	UG/KG	3.33 U	**77**	3.41 U	3.68 U	3.79 U	3.31 U	3.57 U	1.9 JPI	3.46 U	3.47 U	3.47 U
Aldrin	5	--	97	UG/KG	1.78 U	1.87 U	1.82 U	1.96 U	2.02 U	1.77 U	1.9 U	1.89 U	1.84 U	1.85 U	1.85 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	--	480	UG/KG	0.74 U	0.78 U	0.757 U	0.817 U	0.842 U	0.736 U	0.793 U	0.789 U	0.769 U	0.77 U	0.772 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	--	360	UG/KG	1.78 U	1.87 U	1.82 U	1.96 U	2.02 U	1.77 U	1.9 U	1.89 U	1.84 U	1.85 U	1.85 U
Chlordane	--	--	--	UG/KG	14.4 U	15.2 U	14.8 U	15.9 U	16.4 U	14.3 U	15.5 U	15.4 U	15 U	15 U	15 U
cis-Chlordane	94	--	4200	UG/KG	1.02 J	2.34 U	2.27 U	1.46 J	1.52 J	1.83 J	1.52 JPI	1.71 J	1.4 J	1.77 J	2.32 U
Delta BHC (Delta Hexachlorocyclohexane)	40	--	100000	UG/KG	1.78 U	1.87 U	1.82 U	1.96 U	2.02 U	1.77 U	1.9 U	1.89 U	1.84 U	1.85 U	1.85 U
Dieldrin	5	--	200	UG/KG	1.11 U	1.17 U	1.14 U	1.22 U	1.26 U	1.1 U	1.19 U	1.18 U	1.15 U	1.16 U	1.16 U
Alpha Endosulfan	2400	--	24000	UG/KG	1.78 U	1.87 U	1.82 U	1.96 U	2.02 U	1.77 U	1.9 U	1.89 U	1.84 U	1.85 U	1.85 U
Beta Endosulfan	2400	--	24000	UG/KG	1.78 U	1.87 U	1.82 U	1.96 U	2.02 U	1.77 U	1.9 U	1.89 U	1.84 U	1.85 U	1.85 U
Endosulfan Sulfate	2400	--	24000	UG/KG	0.74 U	0.78 U	0.757 U	0.817 U	0.842 U	0.736 U	0.793 U	0.789 U	0.769 U	0.77 U	0.772 U
Endrin	14	--	11000	UG/KG	0.74 U	0.78 U	0.757 U	0.817 U	0.842 U	0.736 U	0.793 U	0.789 U	0.769 U	0.77 U	0.772 U
Endrin Aldehyde	--	--	--	UG/KG	2.22 U	2.34 U	2.27 U	2.45 U	2.53 U	2.21 U	2.38 U	2.37 U	2.31 U	2.31 U	2.32 U
Endrin Ketone	--	--	--	UG/KG	1.78 U	1.87 U	1.82 U	1.96 U	2.02 U	1.77 U	1.9 U	1.89 U	1.84 U	1.85 U	1.85 U
Heptachlor	42	--	2100	UG/KG	0.888 U	0.936 U	0.909 U	0.98 U	1.01 U	0.883 U	0.952 U	0.947 U	0.923 U	0.924 U	0.926 U
Heptachlor Epoxide	--	77	--	UG/KG	3.33 U	3.51 U	3.41 U	3.68 U	3.79 U	3.31 U	3.57 U	3.55 U	3.46 U	3.47 U	3.47 U
Gamma Bhc (Lindane)	100	--	1300	UG/KG	0.74 U	0.78 U	0.757 U	0.817 U	0.842 U	0.736 U	0.793 U	0.789 U	0.769 U	0.77 U	0.772 U
Methoxychlor	--	100000	--	UG/KG	3.33 U	3.51 U	3.41 U	3.68 U	3.79 U	3.31 U	3.57 U	3.55 U	3.46 U	3.47 U	3.47 U
Toxaphene	--	--	--	UG/KG	33.3 U	35.1 U	34.1 U	36.8 U	37.9 U	33.1 U	35.7 U	35.5 U	34.6 U	34.7 U	34.7 U
trans-Chlordane	--	540	--	UG/KG	2.22 U	2.02 JPI	0.72 JPI	1.46 J	1.13 JPI	2 J	3.24	1.47 JPI	1.02 JPI	0.888 JPI	0.97 JPI

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
FD - Duplicate sample
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
SCO - Soil Cleanup Objectives
SSCO - Supplemental Soil Cleanup Objectives
-- No SCO or SSCO available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use SCO
Shaded data indicates that parameter was detected above the NYSDEC CP-51 Residential SSCO
Red data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Table 5A. Summary of Volatile Organic Compounds in Groundwater, 93 Dupont Street, Brooklyn, New York

DRAFT

Parameter	NYSDEC Ambient Water Quality Standards	NYSDEC Ambient Water Quality Guidance Values	MW-101 19 Feb 2016 FD T	MW-101 19 Feb 2016 N T	MW-102 19 Feb 2016 N T	MW-103 19 Feb 2016 N T	MW-104 18 Feb 2016 N T	MW-105 19 Feb 2016 N T
Sample Designation:			MW-101	MW-101	MW-102	MW-103	MW-104	MW-105
Sample Date:			19 Feb 2016	19 Feb 2016	19 Feb 2016	19 Feb 2016	18 Feb 2016	19 Feb 2016
Sample Type:			FD	N	N	N	N	N
Total or Dissolved:			T	T	T	T	T	T
1,1,1,2-Tetrachloroethane	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	--	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	--	2.5 U	2.5 U	0.72 J	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5	--	0.5 U	0.5 U	2.2	0.19 J	0.5 U	0.5 U
1,1-Dichloropropene	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichlorobenzene	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichloropropane	0.04	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4,5-Tetramethylbenzene	5	--	2 U	2 U	2 U	2 U	2 U	2 U
1,2,4-Trichlorobenzene	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trimethylbenzene	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromo-3-Chloropropane	0.04	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichloroethylenes	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloropropane	1	--	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichlorobenzene	3	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropane	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	0.4	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	3	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Diethyl Benzene	--	--	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dioxane (P-Dioxane)	--	--	250 U	250 U	250 U	250 U	250 U	250 U
2,2-Dichloropropane	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl Ethyl Ketone (2-Butanone)	--	50	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	--	50	5 U	5 U	5 U	5 U	5 U	5 U
4-Ethyltoluene	--	--	2 U	2 U	2 U	2 U	2 U	2 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	--	50	5 U	5 U	5 U	5 U	4.2 J	5 U
Acrylonitrile	5	--	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromobenzene	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromochloromethane	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	--	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	--	50	2 U	2 U	2 U	2 U	2 U	2 U
Bromomethane	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Carbon Disulfide	--	60	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroethane	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroform	7	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U

Table 5A. Summary of Volatile Organic Compounds in Groundwater, 93 Dupont Street, Brooklyn, New York

DRAFT

Parameter	NYSDEC Ambient Water Quality Standards	NYSDEC Ambient Water Quality Guidance Values	MW-101 19 Feb 2016 FD T	MW-101 19 Feb 2016 N T	MW-102 19 Feb 2016 N T	MW-103 19 Feb 2016 N T	MW-104 18 Feb 2016 N T	MW-105 19 Feb 2016 N T
Sample Designation:			MW-101	MW-101	MW-102	MW-103	MW-104	MW-105
Sample Date:			19 Feb 2016	19 Feb 2016	19 Feb 2016	19 Feb 2016	18 Feb 2016	19 Feb 2016
Sample Type:			FD	N	N	N	N	N
Total or Dissolved:			T	T	T	T	T	T
Chloromethane	--	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cis-1,2-Dichloroethylene	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cis-1,3-Dichloropropene	--	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	--	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromomethane	5	--	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	5	--	5 U	5 U	5 U	5 U	5 U	5 U
Diethyl Ether (Ethyl Ether)	--	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Ethylbenzene	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Hexachlorobutadiene	0.5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Isopropylbenzene (Cumene)	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tert-Butyl Methyl Ether	--	10	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methylene Chloride	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Naphthalene	--	10	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
N-Butylbenzene	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
N-Propylbenzene	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Chlorotoluene	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
O-Xylene (1,2-Dimethylbenzene)	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
m,p-Xylene	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Chlorotoluene	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cymene	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Sec-Butylbenzene	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Styrene	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
T-Butylbenzene	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tetrachloroethylene (PCE)	5	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trans-1,2-Dichloroethene	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trans-1,3-Dichloropropene	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,4-Dichloro-2-Butene	--	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trichloroethylene (TCE)	5	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl Acetate	--	--	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	2	--	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes	5	--	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
DUP - Duplicate
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 5B. Summary of Semivolatile Organic Compounds in Groundwater, 93 Dupont Street, Brooklyn, New York

DRAFT

		Sample Designation:	MW-101	MW-101	MW-102	MW-103	MW-104	MW-105
		Sample Date:	19 Feb 2016	19 Feb 2016	19 Feb 2016	19 Feb 2016	18 Feb 2016	19 Feb 2016
		Sample Type:	FD	N	N	N	N	N
		Total or Dissolved:	T	T	T	T	T	T
Parameter	NYSDEC Ambient Water Quality Standards	NYSDEC Ambient Water Quality Guidance Values						
1,2,4,5-Tetrachlorobenzene	--	--	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	5	--	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	3	--	2 U	2 U	2 U	2 U	2 U	2 U
1,3-Dichlorobenzene	3	--	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dichlorobenzene	3	--	2 U	2 U	2 U	2 U	2 U	2 U
2,4,5-Trichlorophenol	--	--	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	--	--	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	5	--	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	--	50	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrophenol	--	10	20 U	20 U	20 U	20 U	20 U	20 U
2,4-Dinitrotoluene	5	--	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5	--	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	--	10	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chlorophenol	--	--	2 U	2 U	2 U	2 U	2 U	2 U
2-Methylnaphthalene	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Methylphenol (O-Cresol)	--	--	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitroaniline	5	--	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	--	--	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	--	5 U	5 U	5 U	5 U	5 U	5 U
3- And 4- Methylphenol (Total)	--	--	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	5	--	5 U	5 U	5 U	5 U	5 U	5 U
4,6-Dinitro-2-Methylphenol	--	--	10 U	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl Phenyl Ether	--	--	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	5	--	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorophenyl Phenyl Ether	--	--	2 U	2 U	2 U	2 U	2 U	2 U
4-Nitroaniline	5	--	5 U	5 U	5 U	5 U	5 U	5 U
4-Nitrophenol	--	--	10 U	10 U	10 U	10 U	4.2 J	10 U
Acenaphthene	--	20	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acenaphthylene	--	20	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acetophenone	--	--	5 U	5 U	5 U	5 U	5 U	5 U
Anthracene	--	50	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(A)Anthracene	--	**0.002**	0.2 U	0.2 U	**0.11 J**	0.2 U	0.2 U	0.2 U
Benzo(A)Pyrene	**0**	--	0.2 U	0.2 U	**0.11 J**	0.2 U	0.2 U	0.2 U
Benzo(B)Fluoranthene	--	**0.002**	0.2 U	0.2 U	**0.15 J**	0.2 U	0.2 U	0.2 U
Benzo(G,H,I)Perylene	--	--	0.2 U	0.2 U	0.07 J	0.2 U	0.2 U	0.2 U
Benzo(K)Fluoranthene	--	**0.002**	0.2 U	0.2 U	**0.06 J**	0.2 U	0.2 U	0.2 U
Benzoic Acid	--	--	50 U	50 U	50 U	50 U	17 J	50 U
Benzyl Alcohol	--	--	2 U	2 U	2 U	2 U	2 U	2 U
Biphenyl (Diphenyl)	--	--	2 U	2 U	2 U	2 U	2 U	2 U
Bis(2-Chloroethoxy) Methane	5	--	5 U	5 U	5 U	5 U	5 U	5 U

Table 5B. Summary of Semivolatile Organic Compounds in Groundwater, 93 Dupont Street, Brooklyn, New York

DRAFT

		Sample Designation:	MW-101	MW-101	MW-102	MW-103	MW-104	MW-105
		Sample Date:	19 Feb 2016	19 Feb 2016	19 Feb 2016	19 Feb 2016	18 Feb 2016	19 Feb 2016
		Sample Type:	FD	N	N	N	N	N
		Total or Dissolved:	T	T	T	T	T	T
Parameter	NYSDEC Ambient Water Quality Standards	NYSDEC Ambient Water Quality Guidance Values						
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	--	2 U	2 U	2 U	2 U	2 U	2 U
Bis(2-Chloroisopropyl) Ether	5	--	2 U	2 U	2 U	2 U	2 U	2 U
Bis(2-Ethylhexyl) Phthalate	5	--	3 U	3 U	3 U	3.9	4.7	3 U
Benzyl Butyl Phthalate	--	50	5 U	5 U	5 U	5 U	5 U	5 U
Carbazole	--	--	2 U	2 U	2 U	2 U	2 U	2 U
Chrysene	--	**0.002**	0.2 U	0.2 U	**0.1 J**	0.2 U	0.2 U	0.2 U
Dibenz(A,H)Anthracene	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzofuran	--	--	2 U	2 U	2 U	2 U	2 U	2 U
Diethyl Phthalate	--	50	5 U	5 U	5 U	5 U	5 U	5 U
Dimethyl Phthalate	--	50	5 U	5 U	5 U	5 U	5 U	5 U
Di-N-Butyl Phthalate	50	--	5 U	5 U	5 U	5 U	5 U	5 U
Di-N-Octylphthalate	--	--	5 U	5 U	5 U	5 U	5 U	5 U
Fluoranthene	--	50	0.2 U	0.2 U	0.17 J	0.2 U	0.2 U	0.2 U
Fluorene	--	50	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobenzene	0.04	--	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Hexachlorobutadiene	0.5	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Hexachlorocyclopentadiene	5	--	20 U	20 U	20 U	20 U	20 U	20 U
Hexachloroethane	5	--	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Indeno(1,2,3-C,D)Pyrene	--	**0.002**	0.2 U	0.2 U	**0.08 J**	0.2 U	0.2 U	0.2 U
Isophorone	--	50	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	--	10	0.2 U	0.2 U	0.06 J	0.2 U	0.2 U	0.2 U
Nitrobenzene	0.4	--	2 U	2 U	2 U	2 U	2 U	2 U
N-Nitrosodiphenylamine	--	50	2 U	2 U	2 U	2 U	2 U	2 U
N-Nitrosodi-N-Propylamine	--	--	5 U	5 U	5 U	5 U	5 U	5 U
4-Chloro-3-Methylphenol	--	--	2 U	2 U	2 U	2 U	2 U	2 U
Pentachlorophenol	1	--	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Phenanthrene	--	50	0.2 U	0.2 U	0.08 J	0.2 U	0.2 U	0.2 U
Phenol	**1**	--	5 U	5 U	5 U	5 U	**3.5 J**	5 U
Pyrene	--	50	0.2 U	0.2 U	0.16 J	0.2 U	0.2 U	0.2 U

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
DUP - Duplicate
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 5C. Summary of Metals in Groundwater, 93 Dupont Street, Brooklyn, New York **DRAFT**

		Sample Designation:	MW-101	MW-101	MW-101	MW-101	MW-102	MW-102	MW-103	MW-103	MW-104	MW-104	MW-105	MW-105
		Sample Date:	19 Feb 2016	19 Feb 2016	19 Feb 2016	19 Feb 2016	19 Feb 2016	19 Feb 2016	19 Feb 2016	19 Feb 2016	18 Feb 2016	18 Feb 2016	19 Feb 2016	19 Feb 2016
		Sample Type:	FD	FD	N	N	N	N	N	N	N	N	N	N
		Total or Dissolved:	T	D	T	D	T	D	T	D	T	D	T	D
Parameter	NYSDEC Ambient Water Quality Standards	NYSDEC Ambient Water Quality Guidance Values												
Aluminum	--	--	0.232	0.002 J	6.87	0.005 J	25.2	0.003 J	2.5	0.01 U	0.116	0.013	6.56	0.004 J
Antimony	**0.003**	--	0.00111 J	0.0016 J	0.00172 J	0.0014 J	0.00229 J	0.0009 J	**0.00378**	**0.0036**	0.00197 J	**0.0031**	0.0021 J	0.0019 J
Arsenic	**0.025**	--	0.00308	0.002	0.01191	0.0015	**0.05676**	0.0021	0.00195	0.0012	0.00085	0.0009	0.00493	0.0014
Barium	1	--	0.02886	0.0256	0.07804	0.0298	0.7764	0.0327	0.03904	0.0241	0.01147	0.0108	0.09051	0.0361
Beryllium	--	0.003	0.0005 U	0.0005 U	0.00079	0.0005 U	0.00253	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.00042 J	0.0005 U
Cadmium	0.005	--	0.0002 U	0.0002 U	0.00021	0.0002 U	0.00185	0.0005	0.00023	0.00017 J	0.0002 U	0.0002 U	0.00017 J	0.0002 U
Calcium	--	--	80.1	64.4	80.4	73.5	204	156	185	163	86.6	64.6	214	180
Chromium, Total	**0.05**	--	0.00181	0.0009 J	0.01849	0.0009 J	**0.0727**	0.0019	0.00501	0.0018	0.00155	0.0015	0.01469	0.002
Cobalt	--	--	0.00156	0.0013	0.00979	0.0018	0.03115	0.0018	0.00418	0.0026	0.00047	0.0004 J	0.0082	0.0005
Copper	0.2	--	0.00277	0.0014	0.01909	0.0017	0.1008	0.003	0.00958	0.0019	0.0013	0.001	0.01752	0.0039
Iron	**0.3**	--	**1.26**	**0.338**	**15**	0.05 U	**43.9**	0.05 U	**3.34**	0.05 U	0.181	0.05 U	**11**	0.05 U
Lead	**0.025**	--	0.00099 J	0.0002 J	0.01395	0.0002 J	**1.901**	**0.0255**	0.00348	0.002 U	0.001 U	0.002 U	0.01454	0.002 U
Magnesium	--	--	7.71	6.45	9.8	7.92	41.9	37.5	32.3	32.1	7.68	7.64	37.9	36.5
Manganese	**0.3**	--	0.2383	0.2132	**0.3354**	0.2002	**1.084**	**0.3949**	0.1512	0.1115	0.08462	0.083	**0.6146**	0.135
Mercury	**0.0007**	--	0.0002 U	0.0002 U	0.0002 U	0.0002 U	**0.00175**	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	0.1	--	0.00313	0.0015 J	0.0147	0.0021	0.05251	0.0039	0.01278	0.0087	0.00271	0.0026	0.01717	0.003
Potassium	--	--	14.4	12.8	15.1	15.4	12.6	11.8	10.7	11.1	11.7	11	13.4	13.6
Selenium	**0.01**	--	**0.0219**	**0.017**	**0.0306**	**0.029**	**0.0103**	0.008	**0.0437**	**0.043**	0.00669	0.006	**0.0226**	**0.02**
Silver	0.05	--	0.0004 U	0.0005 U	0.0004 U	0.0004 U	0.00033 J	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U
Sodium	--	--	55.5	45	57.5	56.1	43.7	46.9	64	56.6	24	23.8	26.8	27
Thallium	--	**0.0005**	0.0005 U	0.0004 U	6E-05 J	0.0005 U	**0.00056**	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Vanadium	--	--	0.00175 J	0.005 U	0.03199	0.0006 J	0.1167	0.0026 J	0.00614	0.0016 J	0.00157 J	0.0009 J	0.01871	0.001 J
Zinc	--	2	0.00466 J	0.0095 J	0.06507	0.0079 J	0.6424	0.0267	0.05378	0.0292	0.00289 J	0.0142	0.07757	0.014

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
DUP - Duplicate
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 5D. Summary of Polychlorinated Biphenyls in Groundwater, 93 Dupont Street, Brooklyn, New York **DRAFT**

		Sample Designation:	MW-101	MW-101	MW-102	MW-103	MW-104	MW-105
		Sample Date:	19 Feb 2016	19 Feb 2016	19 Feb 2016	19 Feb 2016	18 Feb 2016	19 Feb 2016
		Sample Type:	FD	N	N	N	N	N
		Total or Dissolved:	T	T	T	T	T	T
Parameter	NYSDEC Ambient Water Quality Standards	NYSDEC Ambient Water Quality Guidance Values						
PCB-1016 (Aroclor 1016)	--	--	0.083 U	0.083 U	0.115 U	0.083 U	0.083 U	0.083 U
PCB-1221 (Aroclor 1221)	--	--	0.083 U	0.083 U	0.115 U	0.083 U	0.083 U	0.083 U
PCB-1232 (Aroclor 1232)	--	--	0.083 U	0.083 U	0.115 U	0.083 U	0.083 U	0.083 U
PCB-1242 (Aroclor 1242)	--	--	0.083 U	0.083 U	0.115 U	0.083 U	0.083 U	0.083 U
PCB-1248 (Aroclor 1248)	--	--	0.083 U	0.083 U	0.115 U	0.083 U	0.083 U	0.083 U
PCB-1254 (Aroclor 1254)	--	--	0.083 U	0.083 U	0.115 U	0.083 U	0.083 U	0.083 U
PCB-1260 (Aroclor 1260)	--	--	0.083 U	0.083 U	0.115 U	0.083 U	0.083 U	0.083 U
PCB-1262 (Aroclor 1262)	--	--	0.083 U	0.083 U	0.115 U	0.083 U	0.083 U	0.083 U
PCB-1268 (Aroclor 1268)	--	--	0.083 U	0.083 U	0.115 U	0.083 U	0.083 U	0.083 U
Polychlorinated Biphenyl (PCBs)	0.09	--	0.083 U	0.083 U	0.115 U	0.083 U	0.083 U	0.083 U

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- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 5E. Summary of Pesticides in Groundwater, 93 Dupont Street, Brooklyn, New York **DRAFT**

		Sample Designation:	MW-101	MW-101	MW-102	MW-103	MW-104	MW-105
		Sample Date:	19 Feb 2016	19 Feb 2016	19 Feb 2016	19 Feb 2016	18 Feb 2016	19 Feb 2016
		Sample Type:	FD	N	N	N	N	N
		Total or Dissolved:	T	T	T	T	T	T
Parameter	NYSDEC Ambient Water Quality Standards	NYSDEC Ambient Water Quality Guidance Values						
P,P'-DDD	0.3	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
P,P'-DDE	0.2	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
P,P'-DDT	0.2	--	0.04 U	0.04 U	0.018 J	0.04 U	0.04 U	0.04 U
Aldrin	0	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	--	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	--	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Chlordane	0.05	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-Chlordane	--	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	--	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Dieldrin	0.004	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Alpha Endosulfan	--	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Endosulfan	--	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Endosulfan Sulfate	--	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Endrin	0	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Endrin Aldehyde	5	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Endrin Ketone	--	--	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Heptachlor	0.04	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor Epoxide	0.03	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Gamma Bhc (Lindane)	--	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Methoxychlor	35	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toxaphene	0.06	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-Chlordane	0	0	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U

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DUP - Duplicate
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 6. Summary of Indoor Air and Soil Vapor Chemical Results, 93 Dupont Street, Brooklyn, New York **DRAFT**

Parameter	NYSDOH Air Guideline Value	Sub-Slab Vapor Concentration for Indoor Air Concentration < 0.25 Matrix 1 Monitor	Matrix 1 Mitigate	Matrix 2 Monitor	Matrix 2 Mitigate	Sample Designation: Sample Date: Units	IA-301 2/18/2016	OA-302 2/18/2016	OA-303 2/18/2016	SV-201 2/18/2016	SV-202 2/18/2016	SV-203 2/18/2016	SV-204 2/18/2016	SV-205 2/18/2016	SV-206 2/18/2016	SV-207 2/18/2016
1,1,1-Trichloroethane	--	--	--	100	1000	UG/M3	0.109 U	0.109 U	0.109 U	**1.42**	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U
1,1,2,2-Tetrachloroethane	--	--	--	--	--	UG/M3	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	--	UG/M3	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U
1,1,2-Trichloroethane	--	--	--	--	--	UG/M3	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U
1,1-Dichloroethane	--	--	--	--	--	UG/M3	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
1,1-Dichloroethene	--	--	--	100	1000	UG/M3	0.079 U	0.079 U	0.079 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
1,2,4-Trichlorobenzene	--	--	--	--	--	UG/M3	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U
1,2,4-Trimethylbenzene	--	--	--	--	--	UG/M3	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	**1.29**	**1.29**	0.983 U	0.983 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	--	UG/M3	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U
1,2-Dichlorobenzene	--	--	--	--	--	UG/M3	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	--	--	--	--	--	UG/M3	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
1,2-Dichloropropane	--	--	--	--	--	UG/M3	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U
1,2-Dichlorotetrafluoroethane	--	--	--	--	--	UG/M3	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	--	--	--	--	--	UG/M3	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
1,3-Butadiene	--	--	--	--	--	UG/M3	0.442 U	0.442 U	0.442 U	0.442 U	**1.21**	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U
1,3-Dichlorobenzene	--	--	--	--	--	UG/M3	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	--	--	--	--	--	UG/M3	1.2 U	1.2 U	1.2 U	1.2 U	**2.9**	**2.54**	1.2 U	1.2 U	**2.86**	**3.18**
1,4-Dioxane (P-Dioxane)	--	--	--	--	--	UG/M3	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
2,2,4-Trimethylpentane	--	--	--	--	--	UG/M3	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U
2-Hexanone	--	--	--	--	--	UG/M3	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
4-Ethyltoluene	--	--	--	--	--	UG/M3	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
Acetone	--	--	--	--	--	UG/M3	**4.3**	**3.61**	**3.16**	**15.3**	**4.94**	**5.8**	**23.8**	**24.7**	**13.9**	**8.01**
Allyl Chloride (3-Chloropropene)	--	--	--	--	--	UG/M3	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U
Benzene	--	--	--	--	--	UG/M3	0.639 U	0.639 U	0.639 U	**0.843**	**1.97**	0.639 U	0.639 U	**2.67**	**0.907**	**0.783**
Benzyl Chloride	--	--	--	--	--	UG/M3	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U
Bromodichloromethane	--	--	--	--	--	UG/M3	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U
Bromoform	--	--	--	--	--	UG/M3	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U
Bromomethane	--	--	--	--	--	UG/M3	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U
Carbon Disulfide	--	--	--	--	--	UG/M3	0.623 U	0.623 U	0.623 U	**5.17**	**13.1**	**0.797**	**54.5**	**3.21**	**7.32**	**9.68**
Carbon Tetrachloride	--	5*	250	--	--	UG/M3	**0.377**	**0.377**	**0.377**	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U
Chlorobenzene	--	--	--	--	--	UG/M3	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U
Chloroethane	--	--	--	--	--	UG/M3	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U
Chloroform	--	--	--	--	--	UG/M3	0.977 U	0.977 U	0.977 U	**15.1**	**2.61**	**10.8**	0.977 U	0.977 U	0.977 U	0.977 U
Chloromethane	--	--	--	--	--	UG/M3	**1.02**	**0.927**	**0.964**	**0.597**	0.413 U	0.413 U	**0.417**	0.413 U	0.413 U	0.413 U
Cis-1,2-Dichloroethylene	--	--	--	100	1000	UG/M3	0.079 U	0.079 U	0.079 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/M3	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U
Cyclohexane	--	--	--	--	--	UG/M3	0.688 U	0.688 U	0.688 U	**0.85**	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U
Dibromochloromethane	--	--	--	--	--	UG/M3	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane	--	--	--	--	--	UG/M3	**2.25**	**2.48**	**2.2**	**1.14**	0.989 U	**1.56**	0.989 U	**1.34**	**1.16**	**1.14**
Ethanol	--	--	--	--	--	UG/M3	9.42 U	9.42 U	9.42 U	9.42 U	9.42 U	9.42 U	**20.3**	**18.1**	9.42 U	9.42 U

Table 6. Summary of Indoor Air and Soil Vapor Chemical Results, 93 Dupont Street, Brooklyn, New York **DRAFT**

Parameter	NYSDOH Air Guideline Value	Sub-Slab Vapor Concentration for Indoor Air Concentration < 0.25 Matrix 1 Monitor	Matrix 1 Mitigate	Matrix 2 Monitor	Matrix 2 Mitigate	Units	Sample Designation: IA-301 Sample Date: 2/18/2016	OA-302 2/18/2016	OA-303 2/18/2016	SV-201 2/18/2016	SV-202 2/18/2016	SV-203 2/18/2016	SV-204 2/18/2016	SV-205 2/18/2016	SV-206 2/18/2016	SV-207 2/18/2016
Ethyl Acetate	--	--	--	--	--	UG/M3	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	**2.21**	1.8 U	1.8 U	1.8 U
Ethylbenzene	--	--	--	--	--	UG/M3	0.869 U	0.869 U	0.869 U	**0.877**	**2.76**	0.869 U	**1.33**	**1.94**	**0.934**	**1.36**
Hexachlorobutadiene	--	--	--	--	--	UG/M3	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U
Isopropanol	--	--	--	--	--	UG/M3	1.23 U	1.23 U	1.23 U	1.23 U	1.23 U	1.23 U	**1.36**	1.23 U	1.23 U	1.23 U
m,p-Xylene	--	--	--	--	--	UG/M3	1.74 U	1.74 U	1.74 U	**3.51**	**8.86**	**1.94**	**6.3**	**7.56**	**2.83**	**5.08**
Methyl Ethyl Ketone (2-Butanone)	--	--	--	--	--	UG/M3	1.47 U	1.47 U	1.47 U	**2.78**	**2.4**	**1.83**	**3.42**	**2.07**	**2.73**	1.47 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	--	UG/M3	2.05 U	2.05 U	2.05 U	**2.14**	**3.54**	2.05 U	**2.68**	2.05 U	2.05 U	2.05 U
Methylene Chloride	60	--	--	--	--	UG/M3	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	**3.58**	1.74 U
N-Heptane	--	--	--	--	--	UG/M3	0.82 U	0.82 U	0.82 U	**1.05**	**1.89**	0.82 U	0.82 U	0.82 U	**1.77**	**0.971**
N-Hexane	--	--	--	--	--	UG/M3	0.705 U	0.705 U	0.705 U	0.705 U	**4.86**	0.705 U	**0.867**	**0.955**	**5.89**	**2.4**
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/M3	0.869 U	0.869 U	0.869 U	**1.74**	**4.07**	**0.969**	**2.47**	**3.12**	**1.56**	**2.89**
Styrene	--	--	--	--	--	UG/M3	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/M3	1.52 U	1.52 U	1.52 U	**2.45**	1.52 U	1.52 U	**6.43**	**3.76**	1.52 U	1.52 U
Tert-Butyl Methyl Ether	--	--	--	--	--	UG/M3	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
Tetrachloroethylene (PCE)	100	--	--	100	1000	UG/M3	**0.197**	**0.142**	**0.224**	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U
Tetrahydrofuran	--	--	--	--	--	UG/M3	1.47 U	1.47 U	1.47 U	**1.64**	1.47 U	1.47 U	1.47 U	1.47 U	1.47 U	1.47 U
Toluene	--	--	--	--	--	UG/M3	0.754 U	0.754 U	0.754 U	**3.09**	**1.57**	0.754 U	**2.31**	**4.03**	**1.05**	**1.27**
Trans-1,2-Dichloroethene	--	--	--	--	--	UG/M3	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/M3	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U
Trichloroethylene (TCE)	5	50	250	--	--	UG/M3	0.107 U	0.107 U	0.107 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Trichlorofluoromethane	--	--	--	--	--	UG/M3	**1.24**	**1.21**	**1.24**	1.12 U	1.12 U	**1.24**	**1.24**	1.12 U	**1.25**	1.12 U
Vinyl Bromide	--	--	--	--	--	UG/M3	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U
Vinyl Chloride	--	50	250	--	--	UG/M3	0.051 U	0.051 U	0.051 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U

U - Indicates that the compound was analyzed for but not detected

ug/m3 - Micrograms per cubic meter

Bold data indicates that parameter was detected

Shaded data indicates that parameter was detected above levels to be monitored in accordance with the Final NYSDOH CEH BEEI Soil Vapor Intrusion Guidance of October 2006

Boxed data indicates that parameter was detected above levels to be mitigated in accordance with the Final NYSDOH CEH BEEI Soil Vapor Intrusion Guidance of October 2006

* - Sub-Slab Vapor concentration action for Indoor Air Concentration at 0.25 to < 1

NYSDOH - New York State Department of Health

CEH - Center for Environmental Health

BEEI - Bureau of Environmental Exposure Investigation

APPENDIX G

Supplemental Remedial Investigation Report
FPM Group – October 2015

SUPPLEMENTAL
REMEDIAL INVESTIGATION REPORT

FORMER NUHART PLASTIC MANUFACTURING SITE

280 FRANKLIN STREET, BROOKLYN, NEW YORK

NYSDEC SITE #224136

PREPARED FOR

DUPONT STREET DEVELOPERS, LLC

PREPARED BY

FPM group™

909 MARCONI AVENUE
RONKONKOMA, NEW YORK 11779

OCTOBER 2015

SUPPLEMENTAL
REMEDIAL INVESTIGATION REPORT

Former NuHart Plastic Manufacturing Site
280 Franklin Street, Brooklyn, New York

NYSDEC Site #224136

Prepared By:
FPM Group

Prepared For:
Dupont Street Developers, LLC

I Stephanie O. Davis, CPG certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Supplemental Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved Work Plan and any DER-approved modifications.

Stephanie O. Davis, CPG
Vice President

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NYSDEC approval of work plan (March 23, 2015)
Access Correspondence

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C Field Observations

Sample Records
CAMP Observations

D Laboratory Reports and DUSRs

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1.0 INTRODUCTION

1.1 Purpose

This Supplemental Remedial Investigation (SRI) Report documents environmental investigation services performed by FPM Group, Ltd. (FPM) at the Former NuHart Plastic Manufacturing Site (NYSDEC #224136), located at 280 Franklin Street, Brooklyn, New York (Site). This investigation (TCE Additional Investigation) was performed to complete the delineation of the nature and extent of trichloroethylene (TCE) and related chlorinated volatile organic compound (CVOC) impacts in offsite soil vapor that may be associated with the TCE-impacted area identified in the northeast portion of the Site.

The investigation was conducted in conformance with the New York State Department of Environmental Conservation (NYSDEC)-approved TCE Additional Investigation Work Plan (March 19, 2015) approved by the NYSDEC on March 23, 2015. Any variations from the approved Work Plan are described in Section 3.1.8. This SRI Report summarizes relevant data from previous environmental investigations performed by other environmental investigators, details fieldwork methods and sample collection procedures during implementation of the Work Plan, documents laboratory analysis of the samples collected (soil vapor), and provides conclusions and recommendations based on the results of the investigation.

1.2 Objectives

A Remedial Investigation of the Site was conducted by Ecosystems Strategies, Inc. (ESI) and documented in a draft RI Report (May 2, 2014). During the RI an area of TCE-impacted soil, groundwater, and soil vapor was identified in the northeast portion of the Site; delineation was not complete. ESI conducted a further investigation of the TCE-impacted area that included onsite and offsite soil, groundwater and soil vapor sampling. The results of this investigation were summarized in a November 25, 2014 email from ESI to the NYSDEC and demonstrated that an additional investigation was necessary to complete the delineation of Site-related offsite CVOC impacts in soil vapor. In a December 12, 2014 email correspondence the NYSDEC requested an additional investigation of the Site-related CVOC impacts in soil vapor and assessment of the potential for soil vapor intrusion (SVI) in several offsite buildings. This email included a plan showing the requested sampling locations and media.

The SRI was conducted for the purposes of:

- Completing the determination of the nature and extent of offsite Site-related CVOC contamination in soil vapor.
- Assessing whether the potential for SVI is present at select offsite properties in the area where Site-related CVOC soil vapors may be present.
- Obtaining information sufficient to determine an appropriate remedial action with respect to Site-related offsite soil vapor impacts.

2.0 SITE DESCRIPTION

2.1 Site Location and Description

The approximately one-acre Site is identified on the city tax map as Block No. 2487, Lots No. 1, 10, 12, 72 and 78. The Site is comprised of the western portion of a vacant industrial building complex (the former NuHart Plastic Manufacturing facility) located in the Greenpoint section of Brooklyn, Kings County, New York. A Site Location Map, indicating the IHWDS boundary, is provided as Figure 2.1.1.

The Site is bordered immediately to the north by commercial/industrial buildings across Clay Street, to the east by remaining portions of the NuHart facility, to the south by multi-family residential structures across Dupont Street, and to the west by a New York City Park (Newtown Barge Playground) across Franklin Street. Residential buildings are located further to the east of the NuHart facility.

The Site was entered into the New York State Inactive Hazardous Waste Disposal Site (IHWDS) Remedial Program (also known as the State Superfund Program) in July 2010 and is identified as NYSDEC Site No. 224136. This investigation work documented herein was performed under this program.

Former industrial operations at the Site have impacted onsite and offsite soil and groundwater with phthalates and lubricating oil likely released from onsite tanks and piping networks. Phthalates and a phthalate/oil mixture are present as widespread light non-aqueous phase liquid (LNAPL) impacting soil and floating on the groundwater. Dissolved groundwater contamination associated with the LNAPL is generally limited to phthalates. Investigation of the LNAPL-related impacts was conducted during the RI of the Site and the results are reported in the RI Report, which was submitted to the NYSDEC in July 2015. LNAPL-related issues will not be discussed further herein.

During the RI localized impacts from a release of CVOCs were discovered onsite. The nature and extent of Site-related CVOC contamination were further investigated during the RI and the results of these investigations are included in the RI Report. However, the offsite extent of CVOC impacts in soil vapor was not delineated during the RI. Therefore, an additional investigation of the Site-related CVOC impacts in soil vapor was conducted and is documented herein. An assessment of the potential for soil vapor intrusion in several offsite buildings was requested by the NYSDEC but has not been conducted as the owners of the offsite buildings have not provided access for the necessary sampling. Therefore, the data from the nearby soil vapor sampling locations have been used to provide this assessment.

A NYSDEC petroleum spill (No. 0601852) has been reported for the NuHart property located to the east of the Site due to a release of petroleum from former underground storage tanks (USTs). The spill area is located east of the Site and is the subject of a separate remedial action. Data generated during the spill investigation have been incorporated into this SRI Report as needed to document environmental conditions related to the delineation of the Site-related CVOCs.

2.2 Physical Setting

Based on the United States Geological Survey (USGS) Topographic Map of the Brooklyn, New York Quadrangle, the Site is located in a relatively level urban area. In general the surface elevation ranges from 17 to 23 feet above mean sea level (MSL), with gentle downward slopes to the west-northwest, toward the confluence of the nearby East River and

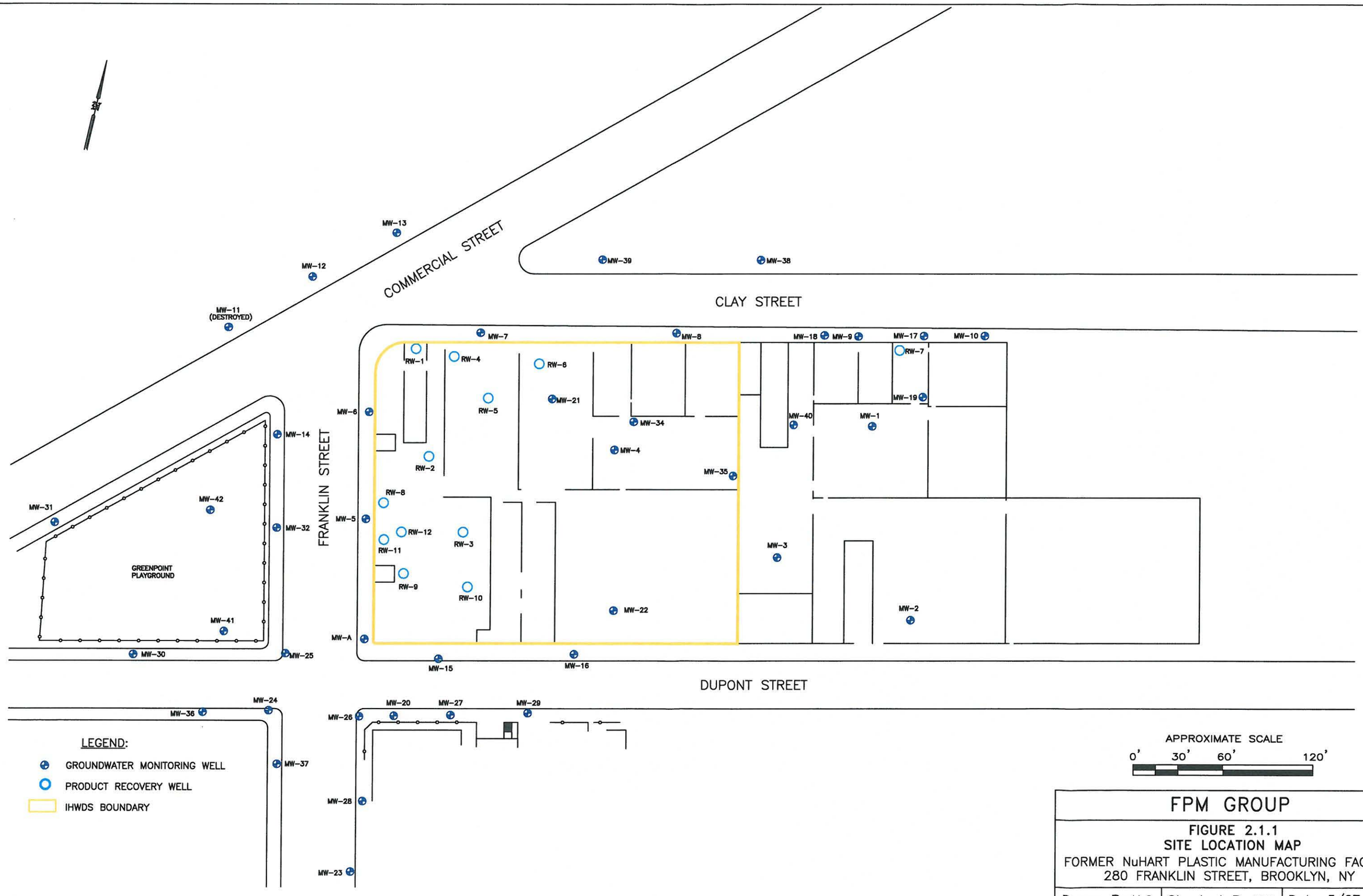

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FIGURE 2.1.1
SITE LOCATION MAP
FORMER NuHART PLASTIC MANUFACTURING FACILITY
280 FRANKLIN STREET, BROOKLYN, NY

Drawn By: H.C.	Checked By: S.D.	Date: 5/27/15

Z:\DUPONT\ADDITIONAL TCE 1134g-15-12\SITE LOCATION MAP.dwg, 5/28/2015 1:53:21 PM

Newtown Creek. The Site is located within an industrial building, with a concrete floor at elevations generally matching or slightly above grade level along Dupont Street.

USGS reports describe the subsurface materials in the general vicinity of the Site as unconsolidated fill overlying salt-marsh deposits and alluvium, typically underlain by till and ground moraine of the Upper Glacial Aquifer. Crystalline bedrock is documented in this general area of Brooklyn at approximately 30 feet below surface grade (bsg).

Subsurface soils exposed in borings at the Site during the RI were noted to generally consist of variable-texture sands, with some deeper areas of silt and clay (generally below 10 to 12 feet bsg). Historic fill materials containing sand, broken masonry, and other anthropogenic debris were encountered at 0 to 4 feet bsg. No bedrock was encountered during the RI borings, which were extended to a maximum depth of 30 feet bsg. Borings conducted during a recent geotechnical investigation of the Site encountered bedrock between 60 and 65 feet bsg.

Soil borings were not performed during the investigation reported herein as this investigation pertained solely to soil vapor.

Monthly well gauging data from September 2012 through March 2014 during the RI indicated that groundwater depth ranges from approximately 7 to 12 feet bsg, with minimum groundwater depths generally recorded during the winter. Groundwater flow at the Site is in an overall westerly direction, towards the East River, which is located approximately 450 feet west of the Site. In the apparent TCE source area groundwater flow appears to be somewhat more north-northwest and is likely influenced by the proximity of Newtown Creek. Groundwater elevations are somewhat tidally influenced to the west of the Site.

2.3 History of Site and Previous Environmental Investigations

The Site history and previous environmental investigations are described in detail in the RI Report and are not repeated herein, with the exception of information pertaining to the Site-related CVOC impacts.

Commercial uses of the property prior to 1950 included manufacturing (metalworking, light fixtures, soap and waterproofing materials); after 1950 the building complex was primarily used for the production, storage, and shipping of plastic and vinyl products by several tenants (the last tenant ceased operation in 2004). Previous reports identified the presence of USTs containing plasticizers, lubricating oil, chemicals and fuel oil associated with the plastic manufacturing operations. Onsite CVOC storage and/or use were not identified in any of the previous reports and were not documented to have been associated with historic Site operations.

Early investigations conducted onsite prior to the listing of the Site generally did not include testing for CVOCs. However, an Interim Investigation Report issued by ESI in April 2010 documents an investigation completed just prior to the listing of the Site. This investigation included groundwater testing for a full list of VOCs and TCE was detected at 15 micrograms per liter (µg/L) in offsite well MW-13 (located to the northwest of the Site). No other significant concentrations of CVOCs were found in any other samples during this investigation.

The RI conducted after the Site was listed included CVOC testing and resulted in the discovery of a limited area of CVOC-impacted soil near the northeast corner of the Site. Areas of CVOC-impacted groundwater and soil vapor were identified in association with this source soil and additional delineation investigations were conducted. The results of these

investigations are integrated with the results of the investigation documented herein, as discussed in Section 4 of this report.

Although the manufacturing operations conducted onsite did not specifically use CVOCs, manufacturing operations have the potential to involve limited CVOC use for certain operations. Therefore, the discovery of CVOC source soil during the RI is not inconsistent with past operations, and fact that the source is limited supports the understanding that CVOC use was not a significant part of the former operations at this Site.

3.0 TCE ADDITIONAL INVESTIGATION

The TCE Additional Investigation documented herein was performed in accordance with a March 19, 2015 work plan, which was approved by the NYSDEC on March 23, 2015. Any deviations from this work plan are documented in the relevant sections below and summarized in Section 3.1.8. This investigation included soil vapor sampling and assessment of the potential for SVI in an offsite area to the north and northwest of the Site. Copies of the work plan and NYSDEC approval are included in Appendix A.

3.1 General Provisions

3.1.1 Investigation Personnel and Subcontractors

All investigation activities were conducted or overseen by a qualified environmental professional (QEP) and additional properly-qualified environmental professionals employed by FPM. Resumes of the FPM personnel involved in this investigation are included in Appendix B.

FPM supervised the advancement of borings for soil vapor sampling performed by Associated Environmental Services (AES). The Health and Safety Plan (HASP) for this work was reviewed with all onsite AES personnel prior to the start of work. FPM personnel served as the Site Health and Safety officer during all work. FPM personnel collected all soil vapor samples.

Laboratory services were subcontracted to Centek Laboratories, Inc., a New York State Department of Health (NYSDOH) certified laboratory (ELAP Certification Number 11830). Data Usability Summary Report (DUSR) preparation was conducted by Apex Companies of Bohemia, New York (Apex).

3.1.2 Access Requests, Utility Markout and Permitting

Outreach to the offsite private property owners for access for SVI sampling was initiated by FPM on March 20, 2015, including mailing letters (regular and registered mail) and door-to-door contacts on March 26, 2015. Confirmation of receipt of five of the seven letters was received and two letters were returned as “refused”. Copies of the access correspondence and responses are included in Appendix A. None of the access requests provided by mail was approved and none of the contacts made on March 26, 2015 provided access.

In May 2015 the NYSDEC provided this information to the New York State Department of Health (NYSDOH) and requested that the NYSDOH conduct outreach to the private property owners. The NYSDOH successfully contacted one owner (48 Commercial Street) and obtained verbal agreement to allow access. FPM followed up with the owner and re-sent the access agreement; an approved access agreement was received on June 8, 2015 and sampling was conducted at this property on June 19, 2015.

To date, offsite access for SVI sampling has not been obtained from any of the other properties. Therefore, the soil vapor data obtained from nearby areas were used to assess potential SVI concerns for the offsite properties not sampled during this investigation. In the event that access is provided and additional data are obtained, the NYSDEC will be provided with the additional data, which will be documented in a report.

Prior to the initiation of intrusive fieldwork on Clay Street and Commercial Street a request for a complete utility markout in the investigation areas was submitted by the direct-push contractor AES as required by New York State Department of Labor regulations.

Underground utility locations were marked and a field check of the utility markout was conducted prior to the intrusive fieldwork.

Sidewalk opening permits were also secured by AES prior to conducting intrusive activities. In late March 2015 AES proceeded to obtain sidewalk-opening permits; permits were obtained for the Clay Street locations but permits could not be obtained for the two contemplated locations associated with Commercial Street due to the presence of major electric and gas utilities. This access issue was discussed with the NYSDEC and use of existing data associated with the Greenpoint Landing project was contemplated as an alternative to fill this data gap. The NYSDEC subsequently made copies of the Greenpoint Landing RI reports available to FPM for this purpose.

3.1.3 Agency Notification

The NYSDEC was notified by FPM via telephone and email prior to the initiation of intrusive fieldwork.

3.1.4 Equipment Decontamination and Calibration

Prior to the initiation of fieldwork, all dedicated field equipment with the potential to contact samples was properly decontaminated by AES or FPM; decontamination was conducted prior to mobilization to the field and was confirmed by FPM prior to the start of work. Dedicated disposable field equipment was confirmed to be contained in its original packaging, and visually assessed in the field for cleanliness. As described below, the field sampling procedures used only the dedicated disposable sampling equipment.

During intrusive activities a calibrated photoionization detector (PID) was utilized by FPM to screen all boreholes for the potential presence of organic vapors and to conduct community air monitoring. A calibrated dust meter was also used to conduct community air monitoring. Prior to the initiation of fieldwork, the PID and dust meter were properly calibrated by FPM in accordance with protocols set forth by the equipment manufacturers.

3.1.5 Investigation-Derived Waste

Waste materials generated during this investigation that required disposal were limited to spent sample tubing and nitrile gloves worn by field personnel. These materials were collected and properly disposed as solid waste.

Soil cuttings were generated from the upper part of each borehole due to the proximity of utilities and the need to advance the upper portion of each borehole by hand-operated equipment (post-hole digger). The resulting cuttings were visually observed and screened for organic vapors by FPM. As no indications of potential contamination were noted and the sample locations were not onsite, the cuttings were returned to the borehole from which they originated following the completion of sampling.

3.1.6 Field Observations, CAMP Monitoring, and Sample Collection and Custody

Assessments of field conditions (e.g., visible indications of contamination and PID readings) were made during the collection of all samples. FPM personnel maintained field logs documenting field observations and measurements, copies of which are included in Appendix C.

FPM implemented the Community Air Monitoring Plan (CAMP) during intrusive field activities. CAMP monitoring included using calibrated instruments to monitoring for organic vapors and particulates (dust) during intrusive activities. The CAMP monitoring logs are

included in Appendix C. No exceedances of the CAMP criteria were noted during the CAMP monitoring and no complaints of any kind were received from the community.

All soil vapor samples were collected in accordance with the protocols in the NYSDEC-approved work plan. Dedicated, disposable gloves were worn by all personnel handling samples, and collected vapor samples were contained in into laboratory-supplied containers. All sample containers were transported to the laboratory using appropriate procedures, as further described in Section 3.2.1 below.

3.1.7 Data Evaluation

The term "guidance level," as used in this report, refers to the concentration of a particular contaminant above which remedial actions may be more likely. The purpose of establishing guidance levels is to provide criteria for assessing the data from the sampled media (soil vapor, in this investigation) relative to conditions that are likely to present a threat to public health or the environment, given the existing and probable future uses of the Site and surrounding area. Soil vapor with contaminant concentrations exceeding guidance levels is considered more likely to warrant remediation.

The NYSDOH has not established official guidance levels for VOCs in soil vapor. However, the NYSDOH's October 2006 *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* contains guidance useful for assessing soil vapor conditions. VOCs in soil vapor for which the NYSDOH provides some guidance are highlighted in this report and the associated data summary tables and figures to facilitate an assessment of the investigation findings.

In this report soil data are referenced in units of micrograms per kilogram (ug/kg) and groundwater data are referenced in units of micrograms per liter (µg/L). Laboratory results for soil vapor are referenced in units of micrograms per cubic meter ($\mu g/m^3$).

3.1.8 Variations from the Approved Work Plan

There were no significant deviations from the NYSDEC-approved work plan that were critical to the validity of the conclusions presented in Section 4.0. Variations from the approved work plan are discussed in the relevant sections of this report and are summarized as follows:

- Access was not provided to most of the private properties for which SVI sampling had been requested by the NYSDEC. The NYSDEC requested assistance from the NYSDOH with conducting outreach to the private property owners, but access for SVI sampling has not been obtained from any of the private properties except for 48 Commercial Street. Therefore, the soil vapor data obtained from nearby areas were used to assess potential SVI concerns during this investigation, as discussed further in Section 3.2.6.
- Sidewalk opening permits could not be obtained for the two contemplated soil vapor sampling locations associated with Commercial Street due to the presence of major electric and gas utilities. This access issue was discussed with the NYSDEC and use of existing data associated with the Greenpoint Landing project was contemplated as an alternative to fill this data gap. The NYSDEC subsequently made copies of the Greenpoint Landing RI reports available to FPM for this purpose and the applicable data were used, as further discussed in Section 3.2.6 of this report.

3.2 Investigation Procedures and Results

3.2.1 Sample Collection Procedures, Management, and Testing

Soil vapor samples were collected from the SV-1 to SV-4 locations on April 23 and 24, 2015. These locations are in the sidewalks on the north and south sides of Clay Street, as shown on Figure 3.2.1.1. A soil vapor sample was collected from the SG-5 location on the 48 Commercial Street property on June 19, 2015. Previous soil vapor sampling locations associated with this Site, the Site monitoring wells, and relevant soil vapor sampling locations associated with the Greenpoint Landing project are also shown on this figure.

Soil vapor sampling was conducted from borings that were installed through the sidewalk areas or pavement (48 Commercial Street) using hand-operated equipment for the upper parts of the borings and mechanized direct-push equipment, as needed, for the deeper parts of the borings, consistent with the approved work plan. Dedicated Teflon sample tubing was inserted into each boring to near the bottom. The bottom one foot of the boring around the open end of the tubing was backfilled with clean silica sand. The remainder of each boring was backfilled with bentonite, which was hydrated to seal each boring.

Following sample tubing installation, the space around each sampling point was enclosed and sealed (with a metal hemisphere and clay) and a tracer gas (helium) was introduced into the enclosure. A vacuum pump was then utilized to purge the standing air from the tubing and open soil interval. At least three tubing volumes were purged at a rate of 0.2 liters per minute prior to sample collection. A helium detector (Radiodetection Multi-vapor Leak Locator, model MDG 2002) was used to determine if helium was being drawn into the sample tubing. None of the sample locations exhibited any evidence of helium bypassing.

Following purging and helium testing, the soil vapor samples were each collected over an approximate two-hour period using a laboratory supplied one-liter stainless steel Summa canister with a calibrated two-hour flow controller. For each sampling canister, the pre- and post-sample canister pressure, start and stop times, and location of each sampling point was recorded. An ambient air sample was also collected in the same manner during the April sampling event; this sample was obtained from a location on the south side of Clay Street near SV-1.

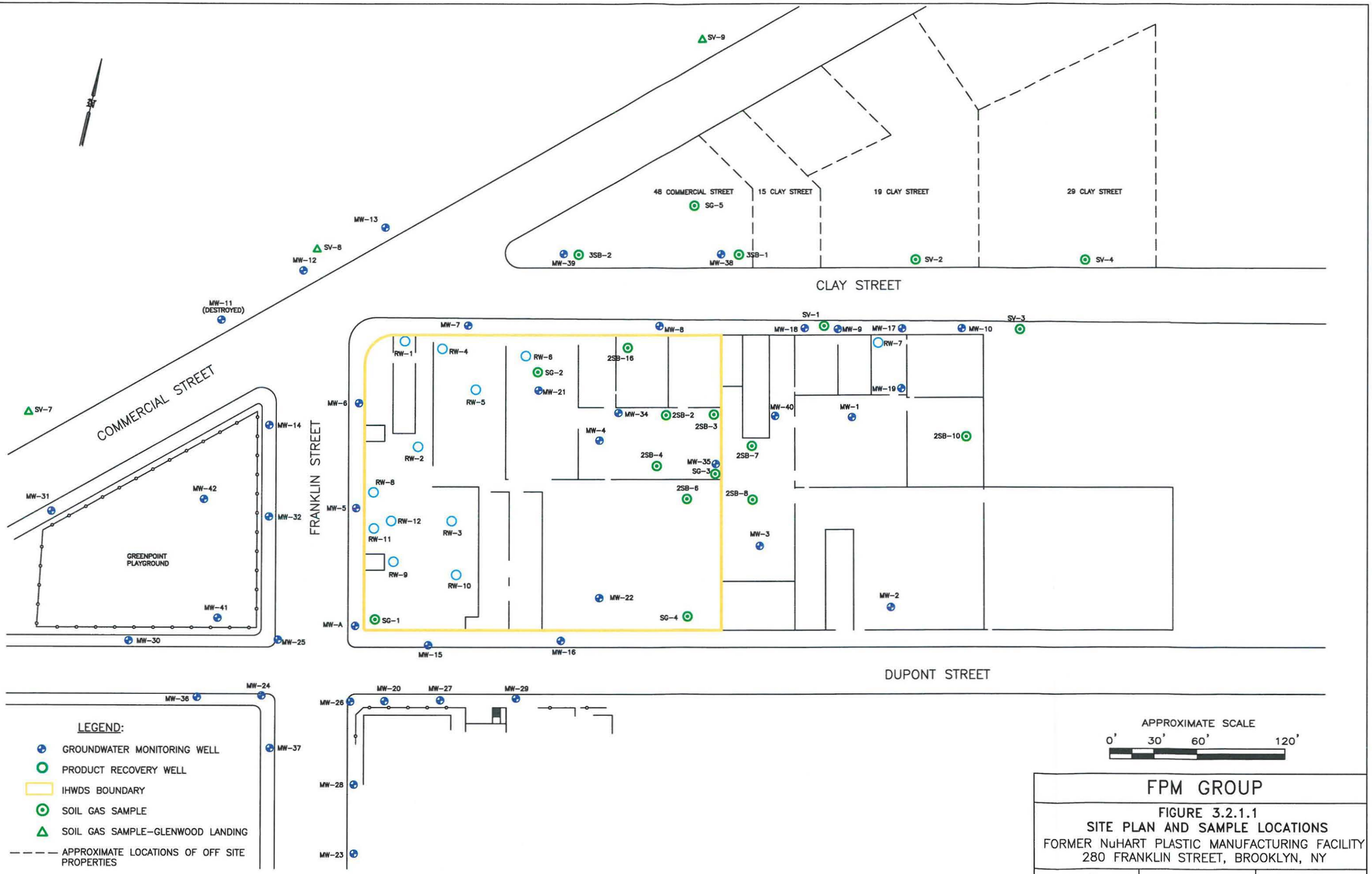
All of the collected samples were managed under chain-of-custody procedures and transmitted via overnight courier to the selected NYSDOH ELAP-certified laboratory (Centek) for testing. The soil vapor samples were tested for VOCs using the TO-15 Method. The analyses were performed in accordance with the NYS ASP with Category B deliverables provided in an electronic format. The resulting laboratory reports are included in Appendix D and the data have been uploaded to the NYSDEC's electronic information management system (EIMS).

3.2.2 Fieldwork Observations

The samples were collected from beneath concrete sidewalk slabs, unpaved areas within the sidewalks, and from beneath pavement. No significant PID readings, odors or other evidence suggestive of potential contamination were noted during either soil vapor sampling event and the results from the ambient air sample did not suggest that a significant source of atmospheric VOCs was present in the vicinity of the April 2015 sample locations.

3.2.3 Quality Assurance/Quality Control

Site-specific quality assurance/quality control (QA/QC) samples were collected during this investigation in general accordance with the Quality Assurance Project Plan (QAPP) for this



FPM GROUP

FIGURE 3.2.1.1
SITE PLAN AND SAMPLE LOCATIONS
FORMER NuHART PLASTIC MANUFACTURING FACILITY
280 FRANKLIN STREET, BROOKLYN, NY

Drawn By: H.C.	Checked By: S.D.	Date: 5/6/15

Z:\DUPONT\ADDITIONAL TCE 1134g-15-12\SITE PLA AND SAMP LOC_1.dwg, 7/30/2015 2:34:23 PM

Site, including a duplicate sample and a trip blank sample during the April sampling event and a duplicate sample during the June sampling event. A trip blank sample was not collected during the June sampling event as the laboratory did not provide the requested trip blank canister in the canister shipment and schedule constraints precluded a delay. This issue is assessed in the associated DUSR for the June data. The FPM QEP reviewed the results of the QA/QC samples, which indicated that no significant cross-contamination had occurred between samples and that the analytical precision is acceptable.

In addition, the Category B laboratory data packages were provided to the DUSR preparer (Apex) and DUSRs were developed, copies of which are included in Appendix D. The DUSRs identified no significant concerns for data quality and confirmed that the data are of acceptable quality for their intended use.

3.2.4 Laboratory Results

Soil vapor data collected during this investigation are summarized in Table 3.2.4.1 and are compared to NYSDOH guidance, as discussed below. Soil vapor sampling locations and detections of TCE and related CVOCs are shown on Figure 3.2.4.1; this figure also includes soil vapor data from previous investigations of the Site and from relevant locations on the Greenpoint Landing property for reference.

TCE and/or tetrachloroethylene (PCE) were detected at the SV-1 through SV-3 locations and at the SG-5 location at up to 1,100 µg/m^3 and 8.9 µg/m^3, respectively. Neither TCE nor PCE was detected at the SV-4 location. The TCE detections at SV-1, SV-2, and SG-5, when compared to the NYSDOH Matrix 1, were at levels where monitoring or mitigation could be indicated, depending on associated indoor air concentrations. None of the PCE detections were sufficiently elevated to present a potential SVI concern. The VOC cis-1,2-dichloroethene (cis-DCE), a breakdown product of TCE, was found at the SV-1, SV-2, and SG-5 locations, but none of the detections was sufficiently elevated to present a potential SVI concern. Vinyl chloride (VC), a further breakdown product of TCE, was detected only at SV-1; the VC detections were at levels where monitoring or mitigation could be indicated, depending on associated indoor air concentrations. Carbon tetrachloride was found at a very low level in SV-4; this detection does not present an SVI concern.

Several other VOCs, including petroleum constituents, refrigerants, and non-chlorinated solvents, were detected at all sampling points. Most of these detections were not highly elevated and were noted to be within the typical ranges of indoor air background levels in commercial buildings, as shown on Table 3.2.4.1. Several petroleum constituent detections at SV-4, including ethylbenzene, xylenes, and toluene, were noted to be somewhat elevated. This location is on the north side of Clay Street to the east of the Site and the levels of these constituents at SV-3, closer to the Site, were lower. These detections at SV-4 are suggestive of a potential offsite petroleum source (unrelated to the Site) on the north side of Clay Street.

The benzene level at SV-1 was noted to be higher than at the other locations. SV-1 is located in proximity to petroleum Spill #0601852, which is on the former NuHart facility located just to the east of the Site. It is likely that the benzene at this location is associated with this spill.

3.2.5 Nature and Extent of Site-Related Soil Vapor Impacts

As shown by the TCE concentration contours on Figure 3.2.4.1, soil vapor impacted by TCE and related CVOCs is present beneath the northeastern portion of the Site building. The impacts are greatest in the vicinity of SG-3, 2SB-2 and 2SB-3 and appear to coincide with

TABLE 3.2.4.1
SOIL VAPOR ANALYTICAL DATA - 2015
FORMER NUHART PLASTIC MANUFACTURING FACILITY, SITE #224136
280 FRANKLIN STREET, BROOKLYN, NEW YORK

Sample Number	SV-1	SV-1D (duplicate)	SV-2	SV-3	SV-4	Trip Blank	Ambient	SG-5	SG-5D (duplicate)	Indoor Air Background Levels, Commercial *
Date	4/24/15							6/19/15		
Volatile Organic Compounds in micrograms per cubic meter										
1,1,1-Trichloroethane	ND	ND	2.1	ND	ND	ND	ND	ND	ND	2.6 - 33.0
1,2,4-Trimethylbenzene	9.8	11	9.3	9.8	190	ND	ND	4.1	3.9	1.7 - 13.7
1,3,5-Trimethylbenzene	2.3	2.3	2.9	3.3	83	ND	ND	2.4	2.5	ND - 4.6
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	150	150	ND - 1.7
2,2,4-Trimethylpentane	38	43	76	8.9	44	ND	ND	6.1	ND	-
4-Ethyltoluene	3.7	3.8	5.5	5.9	110	ND	ND	1.3	1.2	ND - 5.9
Acetone	100	120	490	510	570	ND	12	480	500	32.4 - 120.2
Benzene	1,600	1,600	19	11	41	ND	0.45 J	60	67	2.1 - 12.5
Bromodichloromethane	ND	ND	0.80 J	ND	ND	ND	ND	ND	ND	-
Carbon disulfide	0.84	1.1	17	8.7	15	ND	ND	22	20	ND - 6.4
Carbon tetrachloride	ND	ND	ND	ND	0.69 J	ND	0.75 J	ND	ND	ND - 0.7
Chloroform	ND	ND	16	ND	1.2	ND	ND	ND	ND	ND - 1.4
Chloromethane	ND	ND	ND	0.85	ND	ND	0.87	ND	ND	2.1 - 4.4
cis-1,2-Dichloroethene	11	11	3.2	ND	ND	ND	ND	6.0	6.0	ND
Cyclohexane	38	42	7.9	3.6	8.3	ND	ND	24	28	-
Ethyl acetate	6.8 J	5.8 J	20	120	160	ND	0.54 J	ND	ND	ND - 9.5
Ethylbenzene	11	10	48	14	330	ND	ND	5.1	5.1	ND - 7.6
Freon 11 (Trichlorofluoromethane)	ND	ND	1.7	1.6	5.7	ND	1.7	1.1	0.90	ND - 54.0
Freon 113 (Trichlorotrifluoroethane)	ND	ND	1.8	ND	ND	ND	ND	ND	ND	ND - 1.8
Freon 12 (Dichlorodifluoromethane)	ND	ND	2.2	2.9	2.4	ND	2.9	3.4	2.6	4.8 - 32.9
Heptane	25	27	40	20	32	ND	0.49 J	23	24	ND - 3.1
Hexane	74	78	25	ND	ND	ND	ND	47	42	1.6 - 15.2
Isopropyl alcohol	ND	ND	ND	49	53	ND	1.5	ND	ND	-
Xylene (m,p)	37	31	100	42	1,200	ND	ND	9.4	9.4	4.1 - 28.5
Methyl Ethyl Ketone	ND	ND	56	55	50	ND	1.1	47	37	3.3 - 13.5
Methyl Isobutyl Ketone	ND	ND	23	9.4 J	10 J	ND	ND	3.2	2.5	-
Methylene chloride	ND	ND	4.0	3.8	4.9	ND	0.80	1.0	0.80	ND - 16.0
Xylene (o)	11	10	25	12	520	ND	ND	6.6	6.8	ND - 11.2
Tetrachloroethylene	8.7	8.9	7.9	0.88 J	ND	ND	ND	6.0	6.3	ND - 25.4
Toluene	60	56	240	80	1,100	ND	2.9	9.4	8.3	10.7 - 70.8
Trichloroethene	140	120	1,100	0.81	ND	ND	ND	9.4	9.9	ND - 6.5
Vinyl Chloride	44	43	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

Only compounds detected in one or more samples are reported. See laboratory reports for complete data.
ND = Not detected.
J = Analyte detected at or below quantitation limits.
- = Background concentration not established.

Z:\DUPONT\ADDITIONAL TCE 1134g-15-12\SITE PLA AND SAMP LOC WITH CONTOURS.dwg, 7/30/2015 2:46:27 PM

Sample Location	3SB-2
Date	9/22/2014
Volatile Organic Compounds in ug/m³	
Trichloroethylene (TCE)	134
Tetrachloroethylene (PCE)	35
cis-1,2-Dichloroethylene (DCE)	ND
trans-1,2-Dichloroethene (DCE)	NA
1,1,1-Trichloroethane (TCA)	14.1
Vinyl chloride (VC)	NA
Carbon tetrachloride (CT)	NA

Sample Location	2SB-2
Date	7/31/2013
Volatile Organic Compounds in ug/m³	
Trichloroethylene (TCE)	33,000
Tetrachloroethylene (PCE)	1,000
cis-1,2-Dichloroethylene (DCE)	2,300
trans-1,2-Dichloroethene (DCE)	69
1,1,1-Trichloroethane (TCA)	48
Vinyl chloride (VC)	53
Carbon tetrachloride (CT)	ND

Sample Location	3SB-8
Date	9/18/2013
Volatile Organic Compounds in ug/m³	
Trichloroethylene (TCE)	ND
Tetrachloroethylene (PCE)	ND
cis-1,2-Dichloroethylene (DCE)	ND
trans-1,2-Dichloroethene (DCE)	ND
1,1,1-Trichloroethane (TCA)	ND
Vinyl chloride (VC)	ND
Carbon tetrachloride (CT)	ND

Sample Location	SG-8	SG-8D
Date	6/19/2015	
Volatile Organic Compounds in ug/m³		
Trichloroethylene (TCE)	9.4	9.9
Tetrachloroethylene (PCE)	6.0	6.3
cis-1,2-Dichloroethylene (DCE)	8.0	8.6
trans-1,2-Dichloroethene (DCE)	NC	ND
1,1,1-Trichloroethane (TCA)	ND	ND
Vinyl chloride (VC)	ND	ND
Carbon tetrachloride (CT)	ND	ND

Sample Location	3SB-1
Date	9/22/2014
Volatile Organic Compounds in ug/m³	
Trichloroethylene (TCE)	6,290 E
Tetrachloroethylene (PCE)	102
cis-1,2-Dichloroethylene (DCE)	28.9
trans-1,2-Dichloroethene (DCE)	NA
1,1,1-Trichloroethane (TCA)	31.6
Vinyl chloride (VC)	NA
Carbon tetrachloride (CT)	NA

Sample Location	2SB-3
Date	7/31/2013
Volatile Organic Compounds in ug/m³	
Trichloroethylene (TCE)	43,000
Tetrachloroethylene (PCE)	2,500
cis-1,2-Dichloroethylene (DCE)	3,800
trans-1,2-Dichloroethene (DCE)	120
1,1,1-Trichloroethane (TCA)	270
Vinyl chloride (VC)	ND
Carbon tetrachloride (CT)	ND

Sample Location	SV-1	SV-1D
Date	4/24/2015	
Volatile Organic Compounds in ug/m³		
Trichloroethylene (TCE)	140	120
Tetrachloroethylene (PCE)	8.7	8.9
cis-1,2-Dichloroethylene (DCE)	11	11
trans-1,2-Dichloroethene (DCE)	ND	ND
1,1,1-Trichloroethane (TCA)	ND	ND
Vinyl chloride (VC)	44	43
Carbon tetrachloride (CT)	ND	ND

Sample Location	SV-2
Date	4/24/2015
Volatile Organic Compounds in ug/m³	
Trichloroethylene (TCE)	1,100
Tetrachloroethylene (PCE)	7.9
cis-1,2-Dichloroethylene (DCE)	3.2
trans-1,2-Dichloroethene (DCE)	ND
1,1,1-Trichloroethane (TCA)	2.1
Vinyl chloride (VC)	ND
Carbon tetrachloride (CT)	ND

Sample Location	SV-4
Date	4/24/2015
Volatile Organic Compounds in ug/m³	
Trichloroethylene (TCE)	ND
Tetrachloroethylene (PCE)	ND
cis-1,2-Dichloroethylene (DCE)	ND
trans-1,2-Dichloroethene (DCE)	ND
1,1,1-Trichloroethane (TCA)	ND
Vinyl chloride (VC)	ND
Carbon tetrachloride (CT)	0.69 J

Sample Location	2SB-16
Date	7/31/2013
Volatile Organic Compounds in ug/m³	
Trichloroethylene (TCE)	1,100
Tetrachloroethylene (PCE)	43
cis-1,2-Dichloroethylene (DCE)	ND
trans-1,2-Dichloroethene (DCE)	ND
1,1,1-Trichloroethane (TCA)	ND
Vinyl chloride (VC)	ND
Carbon tetrachloride (CT)	ND

Sample Location	SV-8
Date	9/17/2013
Volatile Organic Compounds in ug/m³	
Trichloroethylene (TCE)	ND
Tetrachloroethylene (PCE)	ND
cis-1,2-Dichloroethylene (DCE)	ND
trans-1,2-Dichloroethene (DCE)	ND
1,1,1-Trichloroethane (TCA)	ND
Vinyl chloride (VC)	ND
Carbon tetrachloride (CT)	ND

Sample Location	SV-7	SV-7D
Date	9/17/2013	
Volatile Organic Compounds in ug/m³		
Trichloroethylene (TCE)	8.33	8.49
Tetrachloroethylene (PCE)	ND	ND
cis-1,2-Dichloroethylene (DCE)	118	125
trans-1,2-Dichloroethene (DCE)	4.28	4.6
1,1,1-Trichloroethane (TCA)	ND	ND
Vinyl chloride (VC)	ND	ND
Carbon tetrachloride (CT)	298	314

Sample Location	SG-2
Date	2/2/2012
Volatile Organic Compounds in ug/m³	
Trichloroethylene (TCE)	59
Tetrachloroethylene (PCE)	5.5
cis-1,2-Dichloroethylene (DCE)	2.7
trans-1,2-Dichloroethene (DCE)	ND
1,1,1-Trichloroethane (TCA)	92
Vinyl chloride (VC)	ND
Carbon tetrachloride (CT)	ND

Sample Location	SV-3
Date	4/24/2015
Volatile Organic Compounds in ug/m³	
Trichloroethylene (TCE)	0.81
Tetrachloroethylene (PCE)	0.66 J
cis-1,2-Dichloroethylene (DCE)	ND
trans-1,2-Dichloroethene (DCE)	ND
1,1,1-Trichloroethane (TCA)	ND
Vinyl chloride (VC)	ND
Carbon tetrachloride (CT)	ND

Sample Location	2SB-10
Date	7/31/2013
Volatile Organic Compounds in ug/m³	
Trichloroethylene (TCE)	ND
Tetrachloroethylene (PCE)	ND
cis-1,2-Dichloroethylene (DCE)	ND
trans-1,2-Dichloroethene (DCE)	ND
1,1,1-Trichloroethane (TCA)	ND
Vinyl chloride (VC)	ND
Carbon tetrachloride (CT)	ND

Sample Location	2SB-7
Date	7/31/2013
Volatile Organic Compounds in ug/m³	
Trichloroethylene (TCE)	5,500
Tetrachloroethylene (PCE)	950
cis-1,2-Dichloroethylene (DCE)	570
trans-1,2-Dichloroethene (DCE)	13
1,1,1-Trichloroethane (TCA)	1,000
Vinyl chloride (VC)	ND
Carbon tetrachloride (CT)	ND

Sample Location	SG-3
Date	2/2/2012
Volatile Organic Compounds in ug/m³	
Trichloroethylene (TCE)	35,000
Tetrachloroethylene (PCE)	830
cis-1,2-Dichloroethylene (DCE)	3,700
trans-1,2-Dichloroethene (DCE)	110
1,1,1-Trichloroethane (TCA)	150
Vinyl chloride (VC)	ND
Carbon tetrachloride (CT)	ND

Sample Location	SG-1
Date	2/2/2012
Volatile Organic Compounds in ug/m³	
Trichloroethylene (TCE)	ND
Tetrachloroethylene (PCE)	19
cis-1,2-Dichloroethylene (DCE)	ND
trans-1,2-Dichloroethene (DCE)	ND
1,1,1-Trichloroethane (TCA)	ND
Vinyl chloride (VC)	ND
Carbon tetrachloride (CT)	ND

Sample Location	2SB-4
Date	7/31/2013
Volatile Organic Compounds in ug/m³	
Trichloroethylene (TCE)	12,000
Tetrachloroethylene (PCE)	540
cis-1,2-Dichloroethylene (DCE)	1,500
trans-1,2-Dichloroethene (DCE)	11
1,1,1-Trichloroethane (TCA)	20
Vinyl chloride (VC)	ND
Carbon tetrachloride (CT)	ND

Sample Location	SG-4
Date	2/2/2012
Volatile Organic Compounds in ug/m³	
Trichloroethylene (TCE)	ND
Tetrachloroethylene (PCE)	7.7
cis-1,2-Dichloroethylene (DCE)	ND
trans-1,2-Dichloroethene (DCE)	ND
1,1,1-Trichloroethane (TCA)	ND
Vinyl chloride (VC)	ND
Carbon tetrachloride (CT)	ND

Sample Location	2SB-6
Date	7/31/2013
Volatile Organic Compounds in ug/m³	
Trichloroethylene (TCE)	6,500
Tetrachloroethylene (PCE)	270
cis-1,2-Dichloroethylene (DCE)	380
trans-1,2-Dichloroethene (DCE)	11
1,1,1-Trichloroethane (TCA)	55
Vinyl chloride (VC)	ND
Carbon tetrachloride (CT)	9

Sample Location	2SB-8
Date	7/31/2013
Volatile Organic Compounds in ug/m³	
Trichloroethylene (TCE)	14,000
Tetrachloroethylene (PCE)	700
cis-1,2-Dichloroethylene (DCE)	660
trans-1,2-Dichloroethene (DCE)	ND
1,1,1-Trichloroethane (TCA)	430
Vinyl chloride (VC)	190
Carbon tetrachloride (CT)	410

LEGEND:

- GROUNDWATER MONITORING WELL
- PRODUCT RECOVERY WELL
- IHWDS BOUNDARY
- SOIL GAS SAMPLE
- SOIL GAS SAMPLE–GLENWOOD LANDING
- —50— TCE IN ug/m³
- – – – APPROXIMATE LOCATIONS OF OFF SITE PROPERTIES

APPROXIMATE SCALE

0' 30' 60' 120'

FPM GROUP

FIGURE 3.2.4.1
SOIL VAPOR DATA
FORMER NuHART PLASTIC MANUFACTURING FACILITY
280 FRANKLIN STREET, BROOKLYN, NY

Drawn By: H.C. | Checked By: S.D. | Date: 5/27/15

CVOC-impacted groundwater in this area, as discussed below. The impacts do not extend fully beneath the Site and are not found at the west, southwest or south Site boundaries.

The Site-related CVOC soil vapor impacts extend offsite to the east beneath a portion of the adjoining former NuHart facility, but do not extend to the east end of this building or to the offsite SV-3 location on the south side of Clay Street.

Site-related CVOC soil vapor impacts extend to the north, across Clay Street, but do not extend as far northward as the north side of Commercial Street, as demonstrated by soil vapor data from Greenpoint Landing (discussed below). The soil vapor data from the 48 Commercial Street property (SG-5) support this understanding as the levels of both PCE and TCE were lower at this location than in the next closest location to the south (3SB-1). In general, the impacts appear to decrease to the east and west of the 3SB-1 location on the north side of Clay Street. The distribution of TCE on the north side of Clay Street to the east of 3SB-1 does not correlate well with groundwater data or with the groundwater flow direction in this area and it is possible that there is an offsite TCE source on the north side of Clay Street.

These data support the conclusion that the source of elevated CVOCs in soil vapor at the Site is a limited solvent “hot spot” with an associated limited area of impacted groundwater. The CVOC-impacted soil vapor beneath the northeastern portion of the Site does not appear to affect the western or southern portions of the Site. The CVOCs in soil vapor have migrated offsite in a limited manner to the east and north, generally consistent with groundwater flow and vapor-phase dispersion. The soil vapor impacts do not extend to residential properties to the east of the Site.

Generally low levels of other VOCs were detected in soil vapor throughout the Site and vicinity; these detections are consistent with concentrations typically encountered in urban settings with historic industrial uses. Some levels of petroleum-related VOCs may be associated with the known petroleum spill located on the former NuHart facility just to the east of the Site and additional offsite petroleum vapor detections to the north and east may be associated with an offsite source.

3.2.6 Assessment of Potential SVI for Offsite Properties

As discussed above in Section 3.1.8, access was not provided to most of the private properties for which SVI sampling had been requested by the NYSDEC. In addition, as noted above, soil vapor sampling could not be performed along Commercial Street due to the presence of major electric and gas utilities. Therefore, the soil vapor data obtained from nearby areas were used to assess potential SVI concerns and the potential extent of Site-related CVOC impacts in soil vapor during this investigation.

To address the absence of soil vapor samples on Commercial Street, existing data associated with the Greenpoint Landing project were used to evaluate soil vapor conditions in proximity to Commercial Street. The relevant Greenpoint Landing soil vapor data are shown at the SV-7 through SV-9 locations on the north side of Commercial Street (see Figure 3.2.4.1). The SV-7 location is significantly to the west of the Site and outside of the area where Site-related TCE impacts are present in soil vapor. The primary CVOCs at SV-7 are carbon tetrachloride and cis-DCE; very little TCE (up to 8.48 ug/m^3) is present at this location. We conclude that the soil vapor conditions at SV-7 associated with the Greenpoint Landing property are not Site-related. The SV-8 and SV-9 locations on the Greenpoint Landing property do not show any detections of CVOCs. Therefore, based on the Greenpoint Landing data, which demonstrate no detections of Site-related CVOCs in the

area north of the CVOCs in soil vapor identified on Clay Street, Site-related TCE impacts do not appear to extend to Commercial Street.

The available soil vapor data were used to evaluate potential SVI concerns for the targeted private properties that could not be sampled. These private properties are located between Clay Street and Commercial Street, in the area to the north of the Site, as generally depicted on Figure 3.2.4.1. This figure also shows the soil vapor data from locations in nearby proximity. These data show that TCE and related CVOCs are present in nearby soil vapor sampling locations on the north side of Clay Street (3SB-2, 3SB-1, SV-2, SV-4, and SG-5) at concentrations ranging from ND to 6,290 ug/m^3 (TCE), ND to 28.9 ug/m^3 (cis-DCE), and ND to 102 ug/m^3 (PCE). All of these CVOCs were reported as non-detect in the two soil vapor sample locations on the north side of Commercial Street. As the concentrations of these CVOCs are documented to decrease between Clay Street and Commercial Street, as supported by the soil vapor data collected from beneath 48 Commercial Street, it is reasonable to conclude that the concentrations of these CVOCs are less beneath the private properties than the concentrations observed at the sample locations on the north side of Clay Street.

Of the detections on the north side of Clay Street, only the TCE levels at 3SB-2, 3SB-1, and SV-2, and the PCE level at 3SB-1 have the potential to present an SVI concern for adjoining properties to the north. The 3SB-1 and 3SB-2 locations adjoin 48 Commercial Street, which is a paved fenced property with no buildings, and which has been sampled. At the present time there is no potential for SVI at this property due to the absence of buildings. If a building were present on this property, the TCE level in soil vapor beneath this property would present an SVI concern.

The 15 Clay Street property, which is a commercial/industrial property developed with one building, is located just to the northeast of the 3SB-1 location and somewhat to the west of the SV-2 location. The TCE levels at these locations range from 1,100 to 6,290 ug/m^3 and PCE is present at 3SB-1 at 102 ug/m^3; it is likely that soil vapor containing TCE and/or PCE is present beneath this building.

The SV-2 location adjoins 19 Clay Street, a commercial/industrial property with a building. The TCE level at SV-2 is 1,100 ug/m^3; it is likely that soil vapor containing TCE is present beneath this building.

The SV-4 location adjoins 29 Clay Street, a commercial/industrial property with a building. None of the detections at SV-4 presents an SVI concern and, therefore, there does not appear to be a potential SVI concern for this building.

3.3 Qualitative Human Health Exposure Assessment – Soil Vapor

A qualitative human health exposure assessment was presented in the RI Report for this Site. The assessment was conducted to qualitatively assess the potential impacts of known environmental contaminants associated with the Site on human health. Both current (existing conditions) and future use (proposed residential or mixed residential/commercial use) scenarios were considered during this assessment, which considered all Site media (soil, groundwater and soil vapor). The portion of this exposure assessment pertaining to soil vapor has been updated to incorporate the additional findings of this investigation.

The RI exposure assessment determined that direct contact and/or inhalation of soil vapor from SVI, generated during soil excavation, or otherwise released from subsurface areas during intrusive activities, are the most likely exposure pathways. SVI exposures at the Site under current conditions are likely to be insignificant as the building is not occupied. A

CAMP would be implemented at the Site (and, as required, at offsite areas) during intrusive remedial activities to monitor air quality and minimize potential exposures to vapors for both construction workers and the public.

For the Site, future remedial activities are anticipated to decrease the potential for SVI and redevelopment activities would, if necessary, include SVI mitigation measures, most likely including installation of a sub-slab depressurization system (SSDS) at a new Site building, or a fully-ventilated garage in contact with soil. These mitigation measures would eliminate or significantly reduce the potential for SVI onsite and are the typical mitigation measures for NYSDEC sites with SVI concerns.

The offsite soil vapor sampling conducted during the RI and this investigation suggests that SVI is a potential concern for 15 and 29 Clay Street. However, the potential for SVI at these properties cannot be confirmed unless access for SVI sampling is provided by the property owners. SVI may also present a concern at 48 Commercial Street if a building is constructed on this property in the future. Remedial activities to be conducted for the Site are likely to reduce the source of TCE and related CVOC vapors. Over time, source reduction is likely to reduce the potential for SVI in offsite buildings.

4.0 CONCLUSIONS

FPM has completed the additional investigation of TCE in offsite soil vapor for the Former NuHart Plastic Manufacturing Site, located at 280 Franklin Street, Brooklyn, New York, to the extent feasible based on access constraints. The investigative work was performed to complete the delineation of the nature and extent of TCE and related CVOC impacts in offsite soil vapor that may be associated with the TCE-impacted area identified in the northeast portion of the Site.

Site-related CVOC impacts have been delineated for soil, groundwater, and soil vapor based on the results of this investigation and previous investigations overseen by the NYSDEC. The nature and extent of CVOC impacts in each of these media is summarized as follows:

- **Soil**

Soil sampling locations and detections of CVOCs in soil were presented in the RI Report prepared by ESI. CVOC concentrations in soil are compared to the 6NYCRR Part 375 Soil Cleanup Objectives (SCOs) for unrestricted use and restricted residential use. Figure 7 from the RI Report is included in Appendix E and summarizes the CVOC detections and exceedances of SCOs for unrestricted use for CVOCs in soil. None of the CVOC detections exceeded the SCOs for restricted residential use.

CVOC concentrations above SCOs for unrestricted use were detected in several borings performed in the northeastern portion of the Site and extending a short distance offsite to the north, beneath the sidewalk on the south side of Clay Street. The CVOCs noted to exceed the SCOs include TCE, cis-DCE, and one detection of vinyl chloride. These exceedances generally coincide with the area where the highest CVOC detections are noted in soil vapor, including locations beneath the northeastern portion of the Site and locations immediately offsite to the north, beneath the sidewalk adjoining the south side of Clay Street. No exceedances of the SCOs for unrestricted use were noted for any CVOCs elsewhere on the Site or offsite and CVOC impacts in soil have been delineated.

- **Groundwater**

Groundwater sampling locations and detections of significant CVOCs in groundwater were presented in the RI Report prepared by ESI. CVOC concentrations in groundwater are compared to the NYSDEC's Class GA Ambient Water Quality Standards and Guidance Values (Standards). Figure 10 from the RI Report summarizes the exceedances of Standards for the CVOCs (see Appendix E).

Concentrations of TCE, cis-DCE, and/or vinyl chloride in excess of their Standards have been detected at various times at onsite wells MW-34 and MW-35, and offsite wells MW-8, MW-12, MW-13, MW-17, MW-18, MW-29, MW-32, MW-38, MW-39 and MW-40. In general, the highest concentrations of CVOCs are detected at onsite well MW-34 and offsite wells MW-8 and MW-40, located immediately north and east, respectively, of the apparent source area on the northeastern portion of the Site. CVOC concentrations decrease significantly to the east, west, and south of these wells, with more moderate decreases noted to the northwest, in the apparent direction of local groundwater flow in this area.

The significant reduction in CVOC concentrations away from the apparent source area, and an absence of significant CVOC concentrations in upgradient wells are consistent with the understanding that the CVOC source area is limited.

- **Soil Vapor**

Soil vapor impacted by TCE and related CVOCs is present beneath the northeastern portion of the Site building, with the greatest impacts coinciding with CVOC-impacted groundwater in this area. The impacts do not extend fully beneath the Site and are not found beneath the western or southern portions of the Site, as shown in Figure 5 in Appendix E.

The CVOCs in soil vapor have migrated offsite in a limited manner to the east and north of the Site, generally consistent with groundwater flow and vapor-phase dispersion. The Site-related CVOC soil vapor impacts extend offsite to the east beneath a portion of the adjoining former NuHart facility, but do not extend to the east end of this building or to the vicinity of residential properties to the east of the Site.

Site-related CVOC soil vapor impacts extend to the north, across Clay Street, but do not extend as far northward as the north side of Commercial Street, as demonstrated by soil vapor data from Greenpoint Landing. In general, the impacts appear to decrease to the east and west of the 3SB-1 location on the north side of Clay Street. The distribution of TCE on the north side of Clay Street to the east of 3SB-1 suggests that it is possible that there is an offsite TCE source on the north side of Clay Street.

Other VOCs were detected in soil vapor throughout the Site and vicinity at generally low levels consistent with typical urban settings with historic industrial uses. Some petroleum-related VOCs may be associated with the known petroleum spill located on the former NuHart facility just to the east of the Site and additional offsite petroleum vapor detections on the north side of Clay Street may be associated with an offsite source.

APPENDIX A

SUPPORTING DOCUMENTS

FPM group _____ Engineering and Environmental Science

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
909 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

VIA EMAIL

March 19, 2015

Mr. Bryan Wong
Environmental Engineer
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 2
47-40 21st Street
Long Island City, NY 11101

Re: **TCE Additional Investigation Work Plan**
Former NuHart Plastic Manufacturing Site, NYSDEC #224136
280 Franklin Street, Brooklyn, New York
FPM File No. 1134g-15-12

Bryan:

This TCE Additional Investigation Work Plan (TCEWP) has been prepared by FPM Group (FPM) in response to your December 12, 2014 correspondence (attached) requesting a work plan for additional investigation of the offsite extent of trichloroethylene (TCE) vapor impacts associated with the TCE-impacted area identified in the northeast portion of the above-referenced Site. The TCE Additional Investigation will include soil vapor, sub-slab soil vapor, indoor air, and ambient air testing intended to delineate the offsite extent of Site-related TCE soil vapor impacts associated with the Site. A site plan showing the requested sampling locations (green dots and yellow squares) is also attached.

These activities will be conducted as part of a Supplemental Remedial Investigation (SRI) for this Site. The SRI is intended to supplement the TCE investigation work in the Remedial Investigation of the Site conducted by Ecosystems Strategies, Inc. in accordance with the requirements and procedures in the Remedial Investigation Work Plan (RIWP) and associated documents approved by the New York State Department of Environmental Conservation (NYSDEC) for this Site. Existing conditions encountered during field activities may necessitate modifications to this TCEWP; any changes will be documented in the SRI Report (SRIR) to be prepared by FPM. All sampling during this investigation will be performed in accordance with the protocols in the New York State Department of Health (NYSDOH) Soil Vapor Intrusion Guidance Document (October 2006).

Proposed TCE Additional Investigation Activities

The proposed scope of work for the TCE Additional Investigation is as follows:

- The necessary sidewalk-opening permits will be obtained for the sample locations in the public sidewalks along Commercial and Clay Streets (6 locations) such that the sampling work at these locations can be performed;

- The owners of the four offsite properties (vacant lot, and 15, 19 and 29 Clay Street) will be identified through publicly-available property records maintained by New York City. The reported owners will be contacted via the US Postal Service (registered mail, return receipt) with a standard written access request for FPM to perform the sampling requested by the NYSDEC. The access request will include information regarding the need for sampling and contact information for the NYSDEC, NYSDOH, and FPM, such that any owner questions can be promptly answered. FPM and Site owner representatives will also visit each property to inform occupants of the proposed sampling program, confirm access, and answer questions. FPM will attempt to contact property owners via telephone, if feasible, and will negotiate with the owners within a reasonable range of parameters (e.g.: provide insurance certificates, answer questions) to obtain access. In the event that access to a targeted property is not readily obtained, FPM will notify the NYSDEC regarding the lack of access and will request assistance. This work will be conducted during the permitting process so as not to unduly delay the investigation schedule;

- A professional direct-push/drilling contractor will be used to install the soil vapor implants in the sidewalks (following permit approval) and at the vacant property (following access approval) and conduct the soil vapor sampling. An FPM environmental professional (EP) will be onsite to implement the Community Air Monitoring Plan (CAMP), observe the placement of the implants, and collect the soil vapor samples. The EP will document the CAMP observations, implant construction, and sampling procedures. Sampling procedures will include the use of helium testing in accordance with NYSDOH protocols to confirm that implant bypassing is not occurring. The soil vapor samples retained for analysis will be collected and managed in accordance with the procedures in the NYSDEC-approved RIWP. Site-specific quality assurance/quality control (QA/QC) samples will also be collected in accordance with the Quality Assurance Project Plan (QAPP) for this Site. All investigation-derived waste will be managed in accordance with the RIWP for this Site;

- Following receipt of offsite property access, FPM will obtain a sub-slab soil vapor sample and an indoor air sample at each of the three private property buildings (15, 19, and 29 Clay Street) targeted by the NYSDEC and will also collect an ambient air sample. As these are commercial properties, the samples will be collected over an approximate 8-hour period. Sampling procedures and sample management will be in accordance with the procedures in the NYSDEC-approved RIWP and helium testing will be performed during sub-slab vapor sampling in accordance with NYSDOH protocols to confirm that implant bypassing is not occurring. Site-specific QA/QC samples will also be collected in accordance with the QAPP for this Site. All investigation-derived waste will be managed in accordance with the RIWP for this Site. An FPM EP will conduct this sampling, implement the CAMP, document the CAMP observations and sampling procedures, and complete the NYSDOH building inventory forms for each building sampled;

- All of the collected samples will be managed under chain-of-custody procedures and transmitted to a NYSDOH ELAP-certified laboratory for testing. The soil vapor, sub-slab soil vapor, indoor air, and outdoor air samples will be tested for volatile organic compounds (VOCs) using the TO-15 Method (the TO-15 low-level method will be used for the indoor air and ambient air samples). The analyses will be performed in accordance with the NYS ASP with Category B deliverables and a Data Usability

Summary Report (DUSR) will be prepared for each data package by a qualified outside firm;

- The results of the TCE Additional Investigation will be reviewed together with the previously-obtained data related to TCE soil vapor impacts to evaluate if delineation of the Site-related TCE soil vapor impacts is complete. All relevant analytical data will be compared to applicable regulatory guidance during this evaluation and any significant data gaps will be identified; and

- The procedures and results of the TCE Additional Investigation will be documented in the SRIR. This report will include all documentation of the work performed, a description of the investigation procedures, results, and conclusions, and copies of all supporting information. The SRIR will be submitted to the NYSDEC for review and approval.

Schedule

The following schedule is anticipated for this investigation:

- Week of March 16, 2015: Initiate access requests and sidewalk opening permits
- Week of March 23, 2015: Contacts with offsite property occupants for access and to confirm locations
- Week of March 30, 2015: Perform sub-slab and indoor air sampling, pending access
- Early to mid-April 2015: Perform soil vapor sampling, conduct sub-slab and indoor air sampling for properties where access was not previously provided, pending access and permits
- April to May 2015: Laboratory analyses, DUSR preparation, data review, SRIR preparation
- May 29, 2015: Submit SRIR to NYSDEC

Certification

I, Stephanie O. Davis, CPG, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this TCE Additional Investigation Work Plan was prepared in accordance with all applicable statues and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

Name Signature

FPM

Please confirm NYSDEC approval of the above-described scope of work for the TCE Additional Investigation. Should you require additional information, please do not hesitate to call me at (631) 737-6200, ext. 228.

Very truly yours,

Stephanie O. Davis, CPG
Senior Project Manager
Vice President

Attachments
SOD:tac

Cc: Yi Han, Dupont Street Developers, LLC
Peter Sullivan, Esq., Sullivan, P.C.

U:\Rigano LLC\49 Dupont Brooklyn\TCE Investigation\AdditionalTCEinvestigation\TCEAddlInvWorkPlan.docx

Davis, Stephanie

From: Wong, Yuk Yin (DEC) [yukyin.wong@dec.ny.gov]
Sent: Friday, December 12, 2014 3:32 PM
To: Scott Spitzer
Cc: O'Connell, Jane H (DEC); Boyd, Bridget (HEALTH); Peter Sullivan; Davis, Stephanie; Yi Han (experta8@gmail.com); Paul Ciminello (paul@ecosystemsstrategies.com); Oliva, Louis (DEC)
Subject: Former NuHart Plastics (site No. 224136) TCE soil vapor
Attachments: file.hw.224136.2014-12-12.additional_off-site_VI_investigation_relate_to_TCE.pdf

Scott,
As discussed during the December 5, 2014 meeting, you have sent us a figure that show the TCE soil vapor overview map on December 8, 2014.
After reviewing the information provide to us, and internal discussion with NYSDOH, NYSDOH indicated that additional vapor intrusion investigation is needed to obtain data to delineate the soil vapor and assess the potential vapor intrusion on off-site build near the site, the attached figure show the locations that needed to be sampled as follow:

- Total of seven (7) Soil vapor samples
  - Two soil vapor samples along south sidewalk of commercial street (approximate location), as shown in the attached figure in Green circle
  - Two soil vapor samples along south sidewalk of clay street (approximate location), as shown in the attached figure in Green circle
  - Two soil vapor samples along north sidewalk of clay street (approximate location), as shown in the attached figure in Green circle
  - One soil vapor sample on the vacant lot(located western end of clay street where it meet commercial street) immediately north of the Site
- Collected collocated indoor air samples and sub-slab soil gas samples in each of the three properties (15 clay street, 19 clay street, 29 clay street) [the approximate locations for each property is show in the map as yellow square]
- Collected one (1) one outdoor air sample

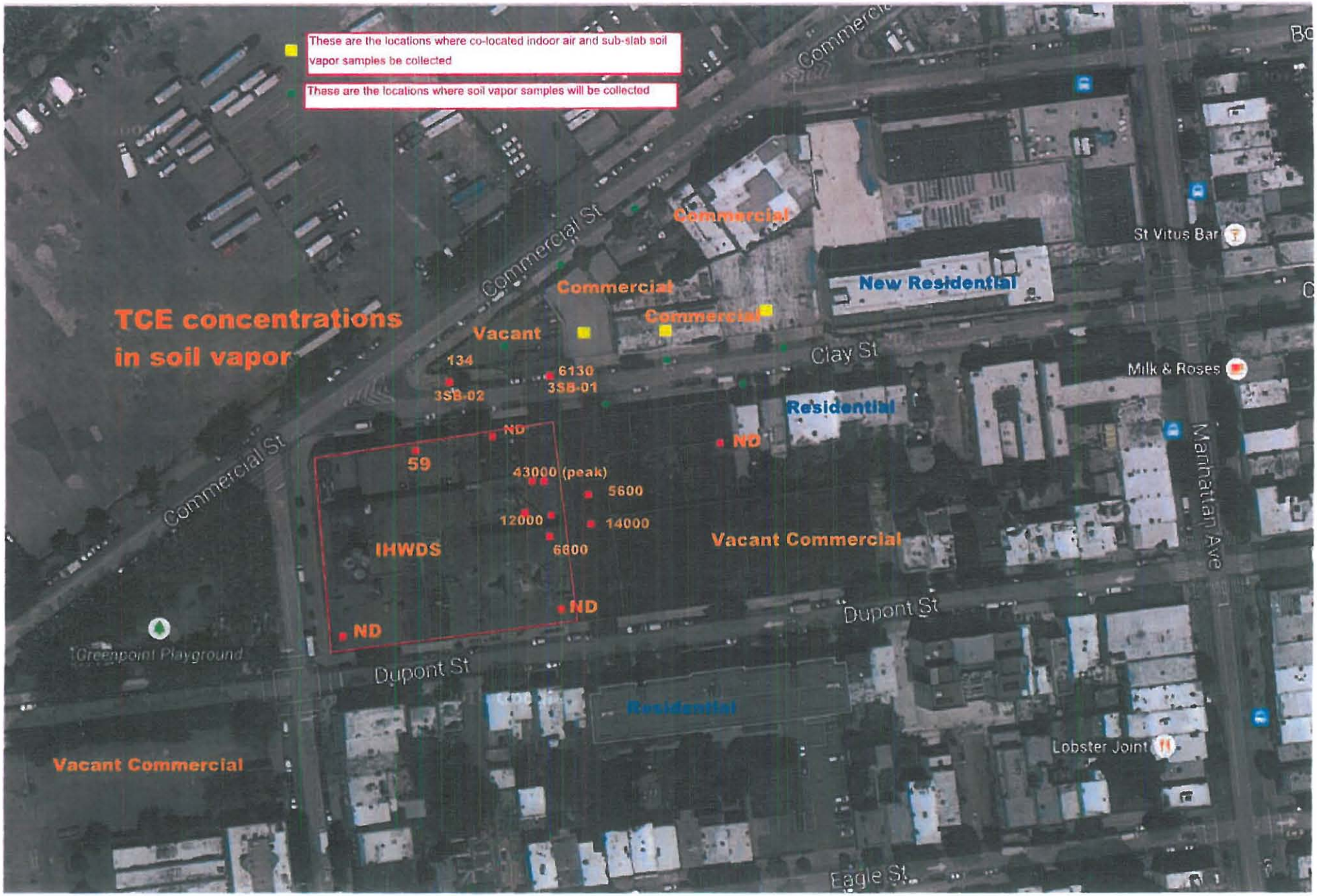
Please provide the department a letter work plan for doing the additional soil vapor intrusion investigation. Please be sure that all the vapor intrusion work must be done in accordance with the NYSDOH Document, " Guidance for evaluating soil Vapor intrusion in the State of New York "dated October 2006).
If you have any questions regarding this please feel free to contact me. Thanks
Bryan

From: Scott Spitzer [mailto:scott@ecosystemsstrategies.com]
Sent: Monday, December 08, 2014 3:16 PM
To: O'Connell, Jane H (DEC); Wong, Yuk Yin (DEC)
Cc: Paul Ciminello
Subject: Former NuHart Plastics IHWDS, TCE soil vapor overview map

Jane and Bryan,

As discussed on Friday, I've attached an aerial photo showing the surrounding area, with the TCE soil vapor concentrations noted. The image identifies the two new sampling points (3SB-1 and 3SB-2) and notes the new residential construction to the northeast at the end of Clay Street.

Scott Spitzer
Director of Environmental Investigations
Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, New York 12603
845-452-1658 phone


These are the locations where co-located indoor air and sub-slab soil vapor samples be collected
These are the locations where soil vapor samples will be collected
TCE concentrations in soil vapor
Commercial St
Commercial
Commercial
Commercial
Vacant
New Residential
St Vitus Bar
Clay St
Milk & Roses
134
SSB-02
6130
SSB-01
Residential
ND
ND
59
43000 (peak)
5600
12000
14000
6800
IHWDS
Vacant Commercial
Manhattan Ave
ND
ND
Dupont St
Greenpoint Playground
Dupont St
Residential
Lobster Joint
Vacant Commercial
Eagle St

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 2
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4995
www.dec.ny.gov

March 23, 2015

Stephanie O. Davis
FPM Engineering Group P.C.
909 Marconi Avenue
Ronkonkoma, NY 11779

Re: Former Nuhart Plastic Manufacturing Site
NYSDEC Site No. 224136
TCE Additional Investigation work plan

Dear Ms. Davis:

The New York State Department of Environmental Conservation (the Department), in consultation with the New York State Department of Health (NYSDOH), has completed its review of the TCE additional Investigation Work Plan (the Plan) dated March 19, 2015 which was prepared by FPM Engineering Group P.C. on behalf of Dupont Street Developers LLC (the Remedial Party). The Plan is hereby approved.

The Remedial Party and its contractors are solely responsible for safe execution of all invasive and other work performed under the Plan. The Remedial Party and its contractors must obtain all local, state, or federal permits or approvals that may be required to perform work under the Plan. Further, the Remedial Party and its contractors are solely responsible for the identification of utilities that might be affected by work under the Plan and implementation of all required, appropriate, or necessary health and safety measures during performance of work under the approved Plan.

Please notify the Department at least 5 days in advance of the field work related to the Plan. If you have any questions regarding this matter please contact me at (718) 482-4905.

Sincerely,

Bryan Wong

Digitally signed by Bryan Wong
DN: cn=Bryan Wong, o=NYSDEC, ou=DER, email=ywong@gw.dec.state.ny.us, c=US
Date: 2015.03.23 09:57:11 -04'00'

Bryan Wong
Environmental Engineer

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

ec: Jane O'Connell, Karen Mintzer – NYSDEC
Dawn Hetrrick - NYSDOH
Joseph Folkman – 49 Dupont Realty Corp.
Joseph Brunner, Yi Han – Dupont Street Developers LLC
Peter Sullivan – Sullivan P.C.

FPM group — Engineering and Environmental Science

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
909 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

March 19, 2015

Enrico A. Manetta
101 Malba Drive
Whitestone, NY 11357

RE: Access Request for Soil Vapor Sampling
48 Commercial Street, Brooklyn, NY
FPM File No. 1134g-15-11

Dear Property Owner:

The New York State Department of Environmental Conservation (NYSDEC) has required the responsible party for the Former NuHart Plastic Manufacturing Site (NYSDEC #224136), located at 280 Franklin Street, Brooklyn, New York to perform sampling at several properties adjoining the Site across Clay Street to the north. One of these properties is identified as 48 Commercial Street, Brooklyn, New York (Brooklyn Tax Map: Block 2482, Lot 4).

The NYSDEC has required that soil vapor be tested at 48 Commercial Street, with your concurrence. FPM Group, Ltd. (FPM) has been contracted to perform this work on behalf of the responsible party. We respectfully request your assistance in completing this NYSDEC requirement by allowing FPM access to the property at 48 Commercial Street to perform the required work.

The proposed work for soil vapor sampling includes drilling an approximately one-inch-diameter hole into the soil beneath the pavement to a depth of approximately five feet to collect a soil vapor sample. Subsurface utilities will be marked in the street prior to sampling and FPM will coordinate with you or a property representative to ensure that no subsurface structures are located beneath the selected soil vapor sample location. The sample location will be backfilled as needed and the pavement patched when the sampling is complete. This work typically does not result in significant disturbance or mess and FPM will clean up our work area before leaving the premises. Upon receiving authorization from you, the work will take place. This sample is requested to be collected in the near future, so a prompt response is appreciated.

Please confirm that you will permit access to the property at 48 Commercial Street, Brooklyn, New York for this required sampling work by signing the attached access agreement and returning a signed copy to the undersigned via email or mail. Thank you for your assistance in this matter. Please feel free to contact Mr. John Bukoski or Ms. Stephanie Davis of FPM with any questions you may have. Contact information is provided below:

Mr. John Bukoski or Ms. Stephanie Davis
FPM Group, Ltd.
909 Marconi Avenue
Ronkonkoma, New York 11779
Phone: (631) 737-6200
Email: j.bukoski@fpm-group.com or s.davis@fpm-group.com

You may also contact the NYSDEC Project Manager for this site if you have any questions about the requirement for this sampling:

Bryan Wong
NYSDEC
Div. of Environmental Remediation
47-40 21st Street
Long Island City, NY 11101
Phone: (718) 482-4905
yukyin.wong@dec.ny.gov

Thank you for your assistance in the completion of this study.

Soil Vapor Sampling Related to
Former NuHart Plastic Manufacturing Site, NYSDEC #224136

AGREEMENT FOR ACCESS

I, _____, as the owner of the property located at 48 Commercial Street, Brooklyn, New York, hereby grant permission for FPM Group (FPM) to access my property to conduct soil vapor sampling as directed by the New York State Department of Environmental Conservation (NYSDEC).

It is understood that sampling will include collection of a soil vapor through the property pavement and that I will provide access to accommodate the sampling. If possible, either I or another knowledgeable party designated by me, will be present during the sampling to identify areas where underground obstructions (e.g., underground storage tanks, underground utilities, sanitary pools, drainage facilities, etc.) may be present. I acknowledge that FPM, the responsible party for the Former NuHart Plastic Manufacturing Site, and others, including the NYSDEC, may rely on the information that I, or another designated knowledgeable party, provide relative to these potential obstructions.

The work to be performed will include placing tubing through the pavement and into the soil beneath the pavement. The tubing will be installed through a small hole to be cut through the pavement. The hole will be cut in a manner so as to be minimally visible. A soil gas sample will be collected from this location via the tubing and the tubing will be removed following the sampling. The small, approximate 1 inch-diameter hole will be backfilled as needed upon completion of sampling, the pavement surface will be patched, and FPM will remove any waste resulting from this sampling.

Signed:

Date:

FPM

FPM group — Engineering and Environmental Science

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
909 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

March 19, 2015

Occupant
48 Commercial Street
Brooklyn, NY 11222

RE: Access Request for Soil Vapor Sampling
48 Commercial Street, Brooklyn, NY
FPM File No. 1134g-15-11

Dear Property Occupant:

The New York State Department of Environmental Conservation (NYSDEC) has required the responsible party for the Former NuHart Plastic Manufacturing Site (NYSDEC #224136), located at 280 Franklin Street, Brooklyn, New York to perform sampling at several properties adjoining the Site across Clay Street to the north. One of these properties is identified as 48 Commercial Street, Brooklyn, New York (Brooklyn Tax Map: Block 2482, Lot 4).

The NYSDEC has required that soil vapor be tested at 48 Commercial Street, with your concurrence. FPM Group, Ltd. (FPM) has been contracted to perform this work on behalf of the responsible party. We respectfully request your assistance in completing this NYSDEC requirement by allowing FPM access to the property at 48 Commercial Street to perform the required work.

The proposed work for soil vapor sampling includes drilling an approximately one-inch-diameter hole into the soil beneath the pavement to a depth of approximately five feet to collect a soil vapor sample. Subsurface utilities will be marked in the street prior to sampling and FPM will coordinate with you or a property representative to ensure that no subsurface structures are located beneath the selected soil vapor sample location. The sample location will be backfilled as needed and the pavement patched when the sampling is complete. This work typically does not result in significant disturbance or mess and FPM will clean up our work area before leaving the premises. Upon receiving authorization from you, the work will take place. This sample is requested to be collected in the near future, so a prompt response is appreciated.

Please confirm that you will permit access to the property at 48 Commercial Street, Brooklyn, New York for this required sampling work by signing the attached access agreement and returning a signed copy to the undersigned via email or mail. Thank you for your assistance in this matter. Please feel free to contact Mr. John Bukoski or Ms. Stephanie Davis of FPM with any questions you may have. Contact information is provided below:

Mr. John Bukoski or Ms. Stephanie Davis
FPM Group, Ltd.
909 Marconi Avenue
Ronkonkoma, New York 11779
Phone: (631) 737-6200
Email: j.bukoski@fpm-group.com or s.davis@fpm-group.com

You may also contact the NYSDEC Project Manager for this site if you have any questions about the requirement for this sampling:

Bryan Wong
NYSDEC
Div. of Environmental Remediation
47-40 21st Street
Long Island City, NY 11101
Phone: (718) 482-4905
yukyin.wong@dec.ny.gov

Thank you for your assistance in the completion of this study.

Soil Vapor Sampling Related to
Former NuHart Plastic Manufacturing Site, NYSDEC #224136

AGREEMENT FOR ACCESS

I, _____, as the occupant of the property located at 48 Commercial Street, Brooklyn, New York, hereby grant permission for FPM Group (FPM) to access my property to conduct soil vapor sampling as directed by the New York State Department of Environmental Conservation (NYSDEC).

It is understood that sampling will include collection of a soil vapor through the property pavement and that I will provide access to accommodate the sampling. If possible, either I or another knowledgeable party designated by me, will be present during the sampling to provide access to facilitate access. I acknowledge that FPM, the responsible party for the Former NuHart Plastic Manufacturing Site, and others, including the NYSDEC, may rely on the information that I, or another designated knowledgeable party, provide relative to the property.

The work to be performed will include placing tubing through the pavement and into the soil beneath the pavement. The tubing will be installed through a small hole to be cut through the pavement. The hole will be cut in a manner so as to be minimally visible. A soil gas sample will be collected from this location via the tubing and the tubing will be removed following the sampling. The small, approximate 1 inch-diameter hole will be backfilled as needed upon completion of sampling, the pavement surface will be patched, and FPM will remove any waste resulting from this sampling.

Signed:

Date:

FPM

FPM group — Engineering and Environmental Science

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
909 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

March 19, 2015

Occupant
19 Clay Street
Brooklyn, NY 11222

RE: Access Request for Sub-slab Soil Vapor and Indoor Air Sampling
19 Clay Street, Brooklyn, NY
FPM File No. 1134g-15-11

Dear Property Occupant:

The New York State Department of Environmental Conservation (NYSDEC) has required the responsible party for the Former NuHart Plastic Manufacturing Site (NYSDEC #224136), located at 280 Franklin Street, Brooklyn, New York to perform sampling at several properties adjoining the Site across Clay Street to the north. One of these properties is identified as 19 Clay Street, Brooklyn, New York (Brooklyn Tax Map: Block 2482, Lot 9).

The NYSDEC has required that sub-slab soil vapor and indoor air be tested at 19 Clay Street, with your concurrence. FPM Group, Ltd. (FPM) has been contracted to perform this work on behalf of the responsible party. We respectfully request your assistance in completing this NYSDEC requirement by allowing FPM access to the building 19 Clay Street to perform the required work.

The proposed work for sub-slab vapor sampling includes drilling an approximately one-inch-diameter hole into the floor slab of the building to a depth of approximately six inches below the slab surface to collect a soil vapor sample. Subsurface utilities will be marked in the street prior to sampling and FPM will coordinate with you or a property representative to ensure that no subsurface structures are located beneath the selected soil vapor sample location and that the location is in an inconspicuous area. An indoor air sample will be collected near this location at the same time that the soil vapor sampling is performed. The sample location will be backfilled with cement to grade when the sampling is complete. This work typically does not result in significant disturbance or mess and FPM will clean up our work area before leaving the premises. Upon receiving authorization from you, the work will take place. These samples are required to be collected over an 8-hour period and during the heating season, which ends on March 31st, so a prompt response is appreciated.

Please confirm that you will permit access to the building 19 Clay Street, Brooklyn, New York for this required sampling work by signing the attached access agreement and returning a signed copy to the undersigned via email or mail. Thank you for your assistance in this matter. Please feel free to contact Mr. John Bukoski or Ms. Stephanie Davis of FPM with any questions you may have. Contact information is provided below:

Mr. John Bukoski or Ms. Stephanie Davis
FPM Group, Ltd.
909 Marconi Avenue
Ronkonkoma, New York 11779
Phone: (631) 737-6200
Email: j.bukoski@fpm-group.com or s.davis@fpm-group.com

You may also contact the NYSDEC Project Manager for this site if you have any questions about the requirement for this sampling:

Bryan Wong
NYSDEC
Div. of Environmental Remediation
47-40 21st Street
Long Island City, NY 11101
Phone: (718) 482-4905
yukyin.wong@dec.ny.gov

Thank you for your assistance in the completion of this study.

Sub-slab Soil Vapor and Indoor Air Sampling Related to Former NuHart Plastic Manufacturing Site, NYSDEC #224136

AGREEMENT FOR ACCESS

I, _____, as the occupant of the property located at 19 Clay Street, Brooklyn, New York, hereby grant permission for FPM Group (FPM) to access the premises to conduct soil vapor and air sampling as directed by the New York State Department of Environmental Conservation (NYSDEC).

It is understood that sampling will include collection of sub-slab soil vapor and indoor air samples and that I will provide access to accommodate the sampling. If possible, either I or another knowledgeable party designated by me, will be present during the sampling to facilitate access. I acknowledge that FPM, the responsible party for the Former NuHart Plastic Manufacturing Site, and others, including the NYSDEC, may rely on the information that I, or another designated knowledgeable party, provide relative to the property.

The work to be performed will include installing tubing through the building slab and into the sub-slab soil beneath the building. The tubing will be installed through a small hole to be cut through the slab to approximately six inches below the slab. The hole will be cut in a manner so as to be minimally visible. A soil gas sample will be collected from this location via the tubing and the tubing will be removed following the sampling. An indoor air sample will also be collected in proximity to the sub-slab sampling point. The small, approximate 1 inch-diameter hole will be filled with cement upon completion of sampling and FPM will remove any waste resulting from this sampling.

Signed:

Date:

FPM

FPM group — Engineering and Environmental Science

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
909 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

March 19, 2015

Occupant
29 Clay Street
Brooklyn, NY 11222

RE: Access Request for Sub-slab Soil Vapor and Indoor Air Sampling
29 Clay Street, Brooklyn, NY
FPM File No. 1134g-15-11

Dear Property Occupant:

The New York State Department of Environmental Conservation (NYSDEC) has required the responsible party for the Former NuHart Plastic Manufacturing Site (NYSDEC #224136), located at 280 Franklin Street, Brooklyn, New York to perform sampling at several properties adjoining the Site across Clay Street to the north. One of these properties is identified as 29 Clay Street, Brooklyn, New York (Brooklyn Tax Map: Block 2482, Lot 53).

The NYSDEC has required that sub-slab soil vapor and indoor air be tested at 29 Clay Street, with your concurrence. FPM Group, Ltd. (FPM) has been contracted to perform this work on behalf of the responsible party. We respectfully request your assistance in completing this NYSDEC requirement by allowing FPM access to the building 29 Clay Street to perform the required work.

The proposed work for sub-slab vapor sampling includes drilling an approximately one-inch-diameter hole into the floor slab of the building to a depth of approximately six inches below the slab surface to collect a soil vapor sample. Subsurface utilities will be marked in the street prior to sampling and FPM will coordinate with you or a property representative to ensure that no subsurface structures are located beneath the selected soil vapor sample location and that the location is in an inconspicuous area. An indoor air sample will be collected near this location at the same time that the soil vapor sampling is performed. The sample location will be backfilled with cement to grade when the sampling is complete. This work typically does not result in significant disturbance or mess and FPM will clean up our work area before leaving the premises. Upon receiving authorization from you, the work will take place. These samples are required to be collected over an 8-hour period and during the heating season, which ends on March 31st, so a prompt response is appreciated.

Please confirm that you will permit access to the building 29 Clay Street, Brooklyn, New York for this required sampling work by signing the attached access agreement and returning a signed copy to the undersigned via email or mail. Thank you for your assistance in this matter. Please feel free to contact Mr. John Bukoski or Ms. Stephanie Davis of FPM with any questions you may have. Contact information is provided below:

Mr. John Bukoski or Ms. Stephanie Davis
FPM Group, Ltd.
909 Marconi Avenue
Ronkonkoma, New York 11779
Phone: (631) 737-6200
Email: j.bukoski@fpm-group.com or s.davis@fpm-group.com

You may also contact the NYSDEC Project Manager for this site if you have any questions about the requirement for this sampling:

Bryan Wong
NYSDEC
Div. of Environmental Remediation
47-40 21st Street
Long Island City, NY 11101
Phone: (718) 482-4905
yukyin.wong@dec.ny.gov

Thank you for your assistance in the completion of this study.

Sub-slab Soil Vapor and Indoor Air Sampling Related to Former NuHart Plastic Manufacturing Site, NYSDEC #224136

AGREEMENT FOR ACCESS

I, _____, as the occupant of the property located at 29 Clay Street, Brooklyn, New York, hereby grant permission for FPM Group (FPM) to access the premises to conduct soil vapor and air sampling as directed by the New York State Department of Environmental Conservation (NYSDEC).

It is understood that sampling will include collection of sub-slab soil vapor and indoor air samples and that I will provide access to accommodate the sampling. If possible, either I or another knowledgeable party designated by me, will be present during the sampling to facilitate access. I acknowledge that FPM, the responsible party for the Former NuHart Plastic Manufacturing Site, and others, including the NYSDEC, may rely on the information that I, or another designated knowledgeable party, provide relative to the property.

The work to be performed will include installing tubing through the building slab and into the sub-slab soil beneath the building. The tubing will be installed through a small hole to be cut through the slab to approximately six inches below the slab. The hole will be cut in a manner so as to be minimally visible. A soil gas sample will be collected from this location via the tubing and the tubing will be removed following the sampling. An indoor air sample will also be collected in proximity to the sub-slab sampling point. The small, approximate 1 inch-diameter hole will be filled with cement upon completion of sampling and FPM will remove any waste resulting from this sampling.

Signed:

Date:

FPM

FPM group — Engineering and Environmental Science

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
909 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

March 19, 2015

Nicole Associates, LLC
29 Clay Street
Brooklyn, NY 11222

RE: Access Request for Sub-slab Soil Vapor and Indoor Air Sampling
19 and 29 Clay Street, Brooklyn, NY
FPM File No. 1134g-15-11

Dear Property Owner:

The New York State Department of Environmental Conservation (NYSDEC) has required the responsible party for the Former NuHart Plastic Manufacturing Site (NYSDEC #224136), located at 280 Franklin Street, Brooklyn, New York to perform sampling at several properties adjoining the Site across Clay Street to the north. Two of these properties are identified as 19 and 29 Clay Street, Brooklyn, New York (Brooklyn Tax Map: Block 2482, Lots 9 and 53).

The NYSDEC has required that sub-slab soil vapor and indoor air be tested at 19 and 29 Clay Street, with your concurrence. FPM Group, Ltd. (FPM) has been contracted to perform this work on behalf of the responsible party. We respectfully request your assistance in completing this NYSDEC requirement by allowing FPM access to the buildings at 19 and 29 Clay Street to perform the required work.

The proposed work for sub-slab vapor sampling includes drilling an approximately one-inch-diameter hole into the floor slab of each building to a depth of approximately six inches below the slab surface to collect a soil vapor sample. Subsurface utilities will be marked in the street prior to sampling and FPM will coordinate with you or a property representative to ensure that no subsurface structures are located beneath the selected soil vapor sample locations and that the locations are in inconspicuous areas. An indoor air sample will be collected near each location at the same time that the soil vapor sampling is performed. The sample locations will be backfilled with cement to grade when the sampling is complete. This work typically does not result in significant disturbance or mess and FPM will clean up our work areas before leaving the premises. Upon receiving authorization from you, the work will take place. These samples are required to be collected over an 8-hour period and during the heating season, which ends on March 31st, so a prompt response is appreciated.

Please confirm that you will permit access to the buildings at 19 and 29 Clay Street, Brooklyn, New York for this required sampling work by signing the attached access agreement and returning a signed copy to the undersigned via email or mail. Thank you for your assistance in this matter. Please feel free to contact Mr. John Bukoski or Ms. Stephanie Davis of FPM with any questions you may have. Contact information is provided below:

Mr. John Bukoski or Ms. Stephanie Davis
FPM Group, Ltd.
909 Marconi Avenue
Ronkonkoma, New York 11779
Phone: (631) 737-6200
Email: j.bukoski@fpm-group.com or s.davis@fpm-group.com

You may also contact the NYSDEC Project Manager for this site if you have any questions about the requirement for this sampling:

Bryan Wong
NYSDEC
Div. of Environmental Remediation
47-40 21st Street
Long Island City, NY 11101
Phone: (718) 482-4905
yukyin.wong@dec.ny.gov

Thank you for your assistance in the completion of this study.

Sub-slab Soil Vapor and Indoor Air Sampling Related to Former NuHart Plastic Manufacturing Site, NYSDEC #224136

AGREEMENT FOR ACCESS

I, _____, as the owner of the property located at 19 and 29 Clay Street, Brooklyn, New York, hereby grant permission for FPM Group (FPM) to access my property to conduct soil vapor and air sampling as directed by the New York State Department of Environmental Conservation (NYSDEC).

It is understood that sampling will include collection of sub-slab soil vapor and indoor air samples and that I will provide access to accommodate the sampling. If possible, either I or another knowledgeable party designated by me, will be present during the sampling to identify areas where underground obstructions (e.g., underground storage tanks, underground utilities, sanitary pools, drainage facilities, etc.) may be present. I acknowledge that FPM, the responsible party for the Former NuHart Plastic Manufacturing Site, and others, including the NYSDEC, may rely on the information that I, or another designated knowledgeable party, provide relative to these potential obstructions.

The work to be performed will include installing tubing through the building slab and into the sub-slab soil beneath the buildings. The tubing will be installed through small holes to be cut through the slabs to approximately six inches below the slabs. The holes will be cut in a manner so as to be minimally visible. A soil gas sample will be collected from each location via the tubing and the tubing will be removed following the sampling. An indoor air sample will also be collected in proximity to the sub-slab sampling points. The small, approximate 1 inch-diameter holes will be filled with cement upon completion of sampling and FPM will remove any waste resulting from this sampling.

Signed:

Date:

FPM

FPM group — Engineering and Environmental Science

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
909 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

March 19, 2015

Occupant
15 Clay Street
Brooklyn, NY 11222

RE: Access Request for Sub-slab Soil Vapor and Indoor Air Sampling
15 Clay Street, Brooklyn, NY
FPM File No. 1134g-15-11

Dear Property Occupant:

The New York State Department of Environmental Conservation (NYSDEC) has required the responsible party for the Former NuHart Plastic Manufacturing Site (NYSDEC #224136), located at 280 Franklin Street, Brooklyn, New York to perform sampling at several properties adjoining the Site across Clay Street to the north. One of these properties is identified as 15 Clay Street, Brooklyn, New York (Brooklyn Tax Map: Block 2482, Lot 7).

The NYSDEC has required that sub-slab soil vapor and indoor air be tested at 15 Clay Street, with your concurrence. FPM Group, Ltd. (FPM) has been contracted to perform this work on behalf of the responsible party. We respectfully request your assistance in completing this NYSDEC requirement by allowing FPM access to the building 15 Clay Street to perform the required work.

The proposed work for sub-slab vapor sampling includes drilling an approximately one-inch-diameter hole into the floor slab of the building to a depth of approximately six inches below the slab surface to collect a soil vapor sample. Subsurface utilities will be marked in the street prior to sampling and FPM will coordinate with you or a property representative to ensure that no subsurface structures are located beneath the selected soil vapor sample location and that the location is in an inconspicuous area. An indoor air sample will be collected near this location at the same time that the soil vapor sampling is performed. The sample location will be backfilled with cement to grade when the sampling is complete. This work typically does not result in significant disturbance or mess and FPM will clean up our work area before leaving the premises. Upon receiving authorization from you, the work will take place. These samples are required to be collected over an 8-hour period and during the heating season, which ends on March 31st, so a prompt response is appreciated.

Please confirm that you will permit access to the building 15 Clay Street, Brooklyn, New York for this required sampling work by signing the attached access agreement and returning a signed copy to the undersigned via email or mail. Thank you for your assistance in this matter. Please feel free to contact Mr. John Bukoski or Ms. Stephanie Davis of FPM with any questions you may have. Contact information is provided below:

Mr. John Bukoski or Ms. Stephanie Davis
FPM Group, Ltd.
909 Marconi Avenue
Ronkonkoma, New York 11779
Phone: (631) 737-6200
Email: j.bukoski@fpm-group.com or s.davis@fpm-group.com

You may also contact the NYSDEC Project Manager for this site if you have any questions about the requirement for this sampling:

Bryan Wong
NYSDEC
Div. of Environmental Remediation
47-40 21st Street
Long Island City, NY 11101
Phone: (718) 482-4905
yukyin.wong@dec.ny.gov

Thank you for your assistance in the completion of this study.

Sub-slab Soil Vapor and Indoor Air Sampling Related to Former NuHart Plastic Manufacturing Site, NYSDEC #224136

AGREEMENT FOR ACCESS

I, _____, as the occupant of the property located at 15 Clay Street, Brooklyn, New York, hereby grant permission for FPM Group (FPM) to access the premises to conduct soil vapor and air sampling as directed by the New York State Department of Environmental Conservation (NYSDEC).

It is understood that sampling will include collection of sub-slab soil vapor and indoor air samples and that I will provide access to accommodate the sampling. If possible, either I or another knowledgeable party designated by me, will be present during the sampling to facilitate access. I acknowledge that FPM, the responsible party for the Former NuHart Plastic Manufacturing Site, and others, including the NYSDEC, may rely on the information that I, or another designated knowledgeable party, provide relative to the property.

The work to be performed will include installing tubing through the building slab and into the sub-slab soil beneath the building. The tubing will be installed through a small hole to be cut through the slab to approximately six inches below the slab. The hole will be cut in a manner so as to be minimally visible. A soil gas sample will be collected from this location via the tubing and the tubing will be removed following the sampling. An indoor air sample will also be collected in proximity to the sub-slab sampling point. The small, approximate 1 inch-diameter hole will be filled with cement upon completion of sampling and FPM will remove any waste resulting from this sampling.

Signed:

Date:

FPM

FPM group — Engineering and Environmental Science

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
909 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

March 19, 2015

Davrich Realty Corp. c/o Steven Heller
15 Clay Street
Brooklyn, NY 11222

RE: Access Request for Sub-slab Soil Vapor and Indoor Air Sampling
15 Clay Street, Brooklyn, NY
FPM File No. 1134g-15-11

Dear Property Owner:

The New York State Department of Environmental Conservation (NYSDEC) has required the responsible party for the Former NuHart Plastic Manufacturing Site (NYSDEC #224136), located at 280 Franklin Street, Brooklyn, New York to perform sampling at several properties adjoining the Site across Clay Street to the north. One of these properties is identified as 15 Clay Street, Brooklyn, New York (Brooklyn Tax Map: Block 2482, Lot 7).

The NYSDEC has required that sub-slab soil vapor and indoor air be tested at 15 Clay Street, with your concurrence. FPM Group, Ltd. (FPM) has been contracted to perform this work on behalf of the responsible party. We respectfully request your assistance in completing this NYSDEC requirement by allowing FPM access to the building at 15 Clay Street to perform the required work.

The proposed work for sub-slab vapor sampling includes drilling an approximately one-inch-diameter hole into the floor slab of the building to a depth of approximately six inches below the slab surface to collect a soil vapor sample. Subsurface utilities will be marked in the street prior to sampling and FPM will coordinate with you or a property representative to ensure that no subsurface structures are located beneath the selected soil vapor sample location and that the location is in an inconspicuous area. An indoor air sample will be collected near this location at the same time that the soil vapor sampling is performed. The sample location will be backfilled with cement to grade when the sampling is complete. This work typically does not result in significant disturbance or mess and FPM will clean up our work area before leaving the premises. Upon receiving authorization from you, the work will take place. These samples are required to be collected over an 8-hour period and during the heating season, which ends on March 31st, so a prompt response is appreciated.

Please confirm that you will permit access to the building at 15 Clay Street, Brooklyn, New York for this required sampling work by signing the attached access agreement and returning a signed copy to the undersigned via email or mail. Thank you for your assistance in this matter. Please feel free to contact Mr. John Bukoski or Ms. Stephanie Davis of FPM with any questions you may have. Contact information is provided below:

Mr. John Bukoski or Ms. Stephanie Davis
FPM Group, Ltd.
909 Marconi Avenue
Ronkonkoma, New York 11779
Phone: (631) 737-6200
Email: j.bukoski@fpm-group.com or s.davis@fpm-group.com

You may also contact the NYSDEC Project Manager for this site if you have any questions about the requirement for this sampling:

Bryan Wong
NYSDEC
Div. of Environmental Remediation
47-40 21st Street
Long Island City, NY 11101
Phone: (718) 482-4905
yukyin.wong@dec.ny.gov

Thank you for your assistance in the completion of this study.

Sub-slab Soil Vapor and Indoor Air Sampling Related to Former NuHart Plastic Manufacturing Site, NYSDEC #224136

AGREEMENT FOR ACCESS

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The work to be performed will include installing tubing through the building slab and into the sub-slab soil beneath the building. The tubing will be installed through a small hole to be cut through the slab to approximately six inches below the slab. The hole will be cut in a manner so as to be minimally visible. A soil gas sample will be collected from this location via the tubing and the tubing will be removed following the sampling. An indoor air sample will also be collected in proximity to the sub-slab sampling point. The small, approximate 1 inch-diameter hole will be filled with cement upon completion of sampling and FPM will remove any waste resulting from this sampling.

Signed:

Date:

FPM

■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Nicole Associates, LLC
29 Clay Street
Brooklyn, NY 11222

2. Article Number (Transfer from service label) 7012 0470 0001 5399 8314

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☑ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

A. Signature
X

☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Davrich Realty Corp.
c/o Steven Heller
15 Clay Street
Brooklyn, NY 11222

2. Article Number (Transfer from service label) 7012 0470 0001 5399 8291

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☑ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X

☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Occupant
15 Clay Street
Brooklyn, NY 11222

2. Article Number (Transfer from service label) 7012 0470 0001 5399 [illegible]07

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☑ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X

☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Occupant
29 Clay Street
Brooklyn, NY 11222

2. Article Number (Transfer from service label) 7012 0470 0001 5399 8321

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☑ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X

☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER:

- Comple
  item 4 if
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Enrico A. Manetta
101 Malba Drive
Whitestone, NY 11357

Agent
☐ Addressee

B. Received by (Printed Name) Lucy Manetta

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☑ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number
(Transfer from service label) 7012 0470 0001 5399 8338

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

APPENDIX B

INVESTIGATION PERSONNEL

Stephanie O. Davis, PG, CPG

FPM group — Engineering and Environmental Science



Ms. Davis has diversified experience in geology and hydrogeology. Her professional technical experience includes groundwater, soil, and soil vapor investigations, design and management of soil and groundwater remediation projects, design and installation of groundwater containment systems, design and evaluation of soil vapor mitigation systems, groundwater flow modeling, aquifer testing and interpretation, evaluation of site compliance with environmental regulations, environmental permitting, and personnel training. Ms. Davis presently manages several large-scale investigation and remedial programs, including program scopes, budgets, staffing, and schedules.

Functional Role	Title	Years of Experience
Senior Project Manager	**Corporate Vice President**	**30+**

Personal Data

Education
M.S./1984/Geology/University of Southern California
B.S./1981/Geology/Bucknell University

Registration and Certifications
Certified Professional Geologist #9487, (AIPG) 1995
California Registered Geologist #5192, 1991
Pennsylvania Registered Geologist #PG-000529-G, 1994
OSHA – Approved 40 hour Health and Safety Training Course (1990)
OSHA - Approved 8 hour Health and Safety Training Refresher Courses (1991-Present)
OSHA-Approved 8-hour Site Safety Supervisor Training Course (2008)
National Ground Water Association
Long Island Association of Professional Geologists
USEPA Triad Training for Practitioners

Employment History

1993-Present	FPM Group
1992-1993	Chevron Research and Technology Co.
1990-1992	Chevron Manufacturing Co.
1984-1990	Chevron Exploration, Land, and Production Company

Continuing Education
- Treatment of Contaminated Soil and Rock
- Groundwater Pollution and Hydrology
- Environmental Law and Regulation
- Remedial Engineering
- Soil and Foundation Engineering
- Environmental Geochemistry
- Project Management Professional (PMP) training

Detailed Experience

Site Investigations

- **Program Manager** for ongoing investigation and remedial projects at several New York State Inactive Hazardous Waste Disposal sites, Voluntary Cleanup Program (VCP) sites, and Brownfield Cleanup Program (BCP) sites. Investigations have included site characterization, Remedial Investigations/Feasibility Studies (RI/FS), and Resource Conservation and Recovery Act (RCRA) facility investigations and closures. Remedial services have included contaminated soil removal; ORC and HRC injections; design, installation, and operation of air sparge/soil vapor extraction (AS/SVE) systems and sub-slab depressurization systems (SSDS), capping, and other remedial services.
- **Program Manager, NYS BCP Site, Far Rockaway, NY.** Managed all aspects of pre-application investigation, BCP application, RI Work Plan development, and Citizen Participation Plan (CPP) for a chlorinated solvent site. Responsible for scope development, NYSDEC and NYSDOH coordination, budget, schedule, staffing, and report management.
- **Program Manager, Site Characterization (SC) for NYS Inactive Hazardous Waste Disposal Site, Flushing, NY.** Responsible for SC scope development, budget, schedule, SC Work Plan and report review, staffing, and agency negotiations for a chlorinated solvent site undergoing residential redevelopment.
- **Program Manager** for all Phase I ESA, Phase II investigations, and remediation projects for a major commercial developer on Long Island, New York. Projects have included environmental services associated for the purchase and redevelopment of office buildings, aerospace facilities, former research and development facilities, and large manufacturing plants. Remedial services have included RCRA closures, UIC closures, tank removals, and BCP projects.
- **Program Manager, Remedial Investigation/ Feasibility Study (RI/FS), Levittown, NY.** Managed all aspects of RI/FS for a Class 2 Inactive Hazardous Waste Disposal (Superfund) site involving chlorinated solvents. Responsibilities included RI/FS scope, budget and schedule development, RI/FS work plan, HASP, CAMP, and QAPP, coordination with client, tenants, and regulatory agencies, report review, remedial approach development, and conceptual design.

- **Project Manager, RCRA Facilities Investigation (RFI), Barksdale AFB, LA, AFCEE**. Responsible for all aspects of field program planning, solicitation and selection of subcontractors, mobilization and establishment of a field office, supervising multiple field crews, installation and sampling of monitoring wells, collection and soil samples, data tracking and management and preparation of an RFI report. The scope of work included characterization of the nature and extent of groundwater and soil contamination at thirteen Solid Waste Management Units (SWMUs), performing a base-wide evaluation of background contaminant concentrations, and developing a long-term monitoring (LTM) program for the base.
- **Field Services Manager, UST Investigation, Plattsburgh AFB, NY, AFCEE**. Responsible for field crew training, coordination of sampling crews at multiple sites, sample labeling, handling, tracking, and shipping, field data management and remote field office management. The scope of work included collection of over 450 groundwater samples to characterize groundwater conditions in the vicinity of 150 USTs using a Geoprobe sampling rig, well points, and rapid turnaround-time analysis.
- **Project Manager** for site investigation activities, including soil vapor sampling, soil sampling and analysis, groundwater sampling and analysis, and geotechnical evaluation for numerous sites in Suffolk County, New York. The resulting data were utilized by a major supermarket company in the negotiations for the purchase of the properties and in the property remediation prior to development.
- **Project Manager, Site Investigation, Bronx, NY, NYCT.** Managed field sampling and data analysis activities, including soil vapor analysis, soil sample analysis, and groundwater sampling and analysis at an active commercial bus terminal. Made recommendations for site remediation, including UST removal, soil excavation and disposal, and free-phase product extraction.
- **Project Manager, RCRA Facilities Investigation, City of Richmond, CA**. Prepared RFI work plan, incorporating existing geologic, chemical, and historical data, evaluating newly-acquired site data, and developing recommendations for further investigation and remedial action at a former municipal landfill.
- **Project Manager, Site Investigation, Bay Shore, NY**. **Manufacturing facility.** Managed onsite and offsite soil and groundwater sampling program. Compiled and evaluated data and prepared a comprehensive report of the investigation results for the Suffolk County Department of Health Services (SCDHS) and NYS Department of Environmental Conservation (NYSDEC). Proposed remediation technologies for onsite soil contamination and onsite and offsite groundwater contamination.
- **Project Manager, Site Investigation, Newark Airport, NJ, FAA.** Managed and conducted a soil and groundwater sampling program adjacent to Runway 29. Analyzed chemical analytical data and developed recommendations.
- **Project Manager, Remedial Investigation, Richmond Refinery, CA.** Supervised and conducted drilling, soil sampling, cone penetrometer testing, and well installation at a refinery process water effluent treatment system and former municipal landfill.
- **Senior Hydrogeologist, multiple sites, NY metro area**. Supervised drilling, installation, development, and sampling of monitoring wells at numerous sites in the greater New York metro area. Utilized resulting stratigraphic, hydrologic, and chemical analytical data to evaluate site conditions.
- **Program Manager, multiple sites, major New York Metro area automobile dealer.** Managed all investigation and remedial activities for a major automobile retailer with multiple facilities. Sites included tanks, petroleum spills, underground injection control (UIC) systems, soil vapor intrusion issues, and hazardous waste management. Responsible for work scope and budget preparation, staffing and oversight, client and regulatory agency interactions, addressing insurance issues, reporting and certification, and project closeouts.
- **Program Manager, SWTP groundwater monitoring program, Town of East Hampton.** Managed groundwater sampling and reporting for the Scavenger Waste Treatment Plant (SWTP). Responsibilities included oversight of well installation, purging and sampling the SWTP groundwater monitoring wells, and providing data to the Town for reporting purposes.

Remediation

- **Program Manager, NYSDEC BCP site, NY City, major real estate developer.** In responsible charge of all investigation and remedial activities at a NYSDEC BCP site in New York City. Prepared the Remedial Investigation and Remedial Work Plan; coordinated with the owner, other contractors, and the NYSDEC; prepared for and conducted citizen participation activities; supervised all waste characterization, profile preparation, and waste management; developed the Final Engineering Report (FER) and Site Management Plan (SMP) for

NYSDEC approval; and ensured that all remedial requirements were met such that the Certificate of Completion (COC) was issued. Continuing activities include coordination of the ongoing site management, communications with the NYSDEC and NYSDOH, and preparation of the annual Certification Report.

- **Program Manager, Major Oil Storage Facility (MOSF) closure, Glen Harbor, NY. Real estate developer.** Responsibilities included coordination of the work scope with the NYSDEC and NCDOH, development of work plans for tanks, UIC, and petroleum spill closure, budget and schedule development, staffing and oversight, reporting and certification, and closeout of all environmental issues such that residential redevelopment could proceed.
- **Program Manager, Delineation and Remedial Services, NYS Spill Site, St. James, NY.** Responsible for client and agency coordination, budget, schedule, staffing, remedial design and reporting for a petroleum release at a Service Station property with offsite impacts.
- **Program Manager, RCRA Closure Site, Freeport, NY.** Managed all aspects of RCRA Closure of a former printing facility, including scope, budget and schedule development, Closure Plan, NYSDEC interactions, QAPP, and specifications for contractor services.
- **Program Manager, Sub-slab depressurization system (SSDS), Brooklyn, NY.** Managed all aspects of SSDS implementation, including delineation sampling, remedial design, budget and schedule, construction services testing, reporting, and O&M manual development for a former dry cleaner site in an active shopping center.
- **Program Manager, SSDS, Bronx, NY.** Responsible for all aspects of SSDS implementation for a former dry cleaner site in a mixed-use building, including delineation sampling, SSDS design, construction contractor services, testing, reporting, and O&M manual development.
- **Project Manager, Soil Remediation, Hauppauge, NY. Metal plating facility**. Planned remedial project and managed contractor support for soil remediation. Project was completed and approved by SCDHS.
- **Remedial Design, AS/SVE projects**. Developed pilot test plans, evaluated pilot test results, and prepared conceptual designs for several air sparge/soil vapor extraction (AS/SVE) systems to treat petroleum and/or chlorinated solvent VOCs. These systems were subsequently installed and Ms. Davis provides ongoing review of system operations and remedial monitoring results.
- **Program Manager, Waste soil management, Brooklyn, NY. Travelers Insurance**. In responsible charge of several task orders for waste characterization of a 90,000-cy construction soil stockpile at a municipal sewer facility. Responsibilities included development and implementation of Sampling and Analysis Plans (SAP), coordination of staffing, review of lab data, preparation of Field Sampling Summary Reports (FSSR), coordination with disposal facilities, and preparation of waste profiles.
- **Program Manager, NYS Inactive Hazardous Waste Disposal (Superfund) site, Hicksville, NY. Property owner**. Responsibilities included developing and implementing pre-demolition investigations, developing and implementing remedial actions (source removal) in conjunction with retail redevelopment, conceptual design and installation of sub-slab depressurization systems (SSDSs), maintaining ongoing OM&M programs.
- **Project Manager, Remedial projects, Patchogue, NY. US Tape**. Designed and performed indoor underground storage tank abandonment program, leaching pool remediation plan, and managed contractor support for closure activities at a manufacturing facility. SCDHS provided oversight and approval.
- **Senior Hydrogeologist, Remedial design for a landfill, Richmond, CA**. Contributed to the design of a groundwater containment and remediation system for a former municipal landfill, including subsurface groundwater barrier walls and extraction wells.
- **Project Manager, Soil remediation, Carle Place, NY, Kimco**. Designed remedial plan and supervised soil remediation activities at an active construction site involving excavation and disposal of 5,000 tons of PCB-, metal-, and petroleum-contaminated soil. NYSDEC oversaw and approved the completed remediation.
- **Project Manager, Groundwater containment system, Richmond, CA**. Coordinated technical aspects of groundwater barrier wall construction, including routing, permitting, design, material selection, and field activities.
- **Project Manager, Multiple UIC investigations and closures, Suffolk and Nassau Counties, NY** Responsible for investigation and remediation of contaminated cesspool and stormwater drain pool in systems. Fully conversant with SCDHS SOP 9-95 and USEPA UIC regulations for investigation and cleanup of leaching pool systems, including Action Levels and Cleanup Standards, groundwater monitoring criteria, and remedial requirements.

- **Project Coordinator, UIC Closure, Hempstead, NY.** Coordinated and supervised all aspects of waste management for a UIC closure, including disposal facility review, waste sampling and classification, manifesting, project closeout, and taxation issues.

Hydrogeologic Evaluations

- **Project Manager, well permitting, East Hampton, NY. Private client**. Prepared Engineer's Report for Long Island Well Permit for a 230-gpm irrigation supply well. Responsible for evaluation of well interference, salt water upcoming, impacts from contaminants, and other factors affecting the proposed well. Performed well design (gravel pack size, screen size, etc.) for numerous groundwater wells on Long Island. Familiar with sieve analyses, well construction and development methods.
- **Senior Hydrogeologist, groundwater modeling, East Hampton,** NY. Utilized Visual Modflow to evaluate the impact of a contaminant plume on a proposed SCWA wellfield. Model development included evaluation of recharge, aquifer properties, subsurface stratigraphy, boundary conditions, plume source and concentration, and various wellfield locations and pumping rates.
- **Hydrogeologist, aquifer testing, Manhattan, NY. NYCT.** Participated in a multi-day, multi-well aquifer pumping test for NYCT. Responsible for operating and maintaining data logging equipment, coordinating manual water level measurements, and analyzing resulting drawdown data.
- **Hydrogeologist, aquifer evaluation, Brooklyn, NY. NYCT.** Evaluated subsurface geologic conditions for subway site utilizing existing boring logs, topographic, and historic map data.
- **Hydrogeologist, aquifer testing, Queens, NY. NYCT**. Performed slug tests on monitoring wells at an East Side Access site, and evaluated hydrologic properties using the HYDROLOGIC ISOAQX computer program.
- **Hydrogeologist, remedial wells, Deer Park, NY**. **USEPA.** Supervised drilling, installation and development of groundwater extraction, injection, and monitoring wells at a Superfund site. Interpreted aquifer and well performance from development data and recommended modification of drilling and development procedures.
- **Hydrogeologist, aquifer testing, NYC, NYCT**. Performed aquifer pumping and slug tests and evaluated hydrologic properties using the computer program AQTESOLV.
- **Hydrogeologist, aquifer evaluation, Mattituck Airport, Mattituck, NY**. Performed water level and water quality monitoring at a NYSDEC Superfund site. Constructed groundwater elevation contour maps and utilized chemical analytical data to predict contaminant plume migration.
- **Senior Hydrogeologist, DEIS services, Lazy Point, NY. Town of East Hampton**. Prepared a detailed evaluation of groundwater conditions and potential impacts for a water extension to Lazy Point for a draft Environmental Impact Statement (DEIS). Evaluated current and historic groundwater data and analytical models to determine potential impacts for both Lazy Point and the drinking water source area and prepared associated portions of the DEIS.

Landfills

- **Program Manager, Greenhouse gas monitoring program, Town of Islip, NY**. Responsibilities include scope and budget management, staffing, client and USEPA coordination, reporting review, and troubleshooting.
- **Project Manager, Landfill Closure Investigations, Town of East Hampton, NY**. Prepared Closure Investigation work plans, including Hydrogeologic investigations, methane investigations, surface leachate investigations, and vector investigations. Prepared final Closure Investigation Reports, approved by the NYSDEC.
- **Project Manager, Landfill monitoring networks, Town of East Hampton, NY.** Supervised installation of groundwater and methane monitoring wells at the landfills, including hollow-stern auger and mud-rotary well installations, split-spoon soil sampling and boring log preparation, oversight and interpretation of wireline electric logging, and completion of initial baseline monitoring events.
- **Hydrogeologist, Landfill groundwater monitoring, NJ, private client**. Performed groundwater sampling at a radio tower facility constructed on a landfill. Analyzed results and made recommendations.
- **Hydrogeologist, Landfill gas monitoring, Town of East Hampton, NY**. Conducted methane monitoring at two landfills over a multi-year period.
- **Program Manager, Landfill monitoring programs, Town of East Hampton, NY.** Supervises ongoing groundwater and methane monitoring programs, including field team coordination, communications with the Town, report scheduling, data review, and report review

prior to distribution to the client and NYSDEC. Negotiated successfully with NYSDEC for reduced monitoring frequencies based on historic monitoring results.

- **Senior Hydrogeologist, Landfill plume modeling, Town of East Hampton, NY.** Conducted groundwater flow modeling to evaluate the nature and extent of a landfill plume and its fate. Findings were presented at public meetings and were used to determine the configuration of the landfill's groundwater monitoring network.
- **Hydrogeologist, Septage lagoon Superfund site, Town of East Hampton, NY.** Conducted sampling of former septage lagoons at a landfill. Evaluated the resulting data and prepared a delisting petition for this NYSDEC Superfund site.
- **Hydrogeologist, containment system modeling, Richmond, CA.** Used the FLOW PATH modeling program to predict groundwater flow directions and evaluate extraction well locations and pumping rates for a groundwater containment and remediation system at a former municipal landfill.
- **Program Manager, Landfill gas monitoring program, Town of Islip, NY**. Manages monthly methane monitoring for all landfills, including onsite and offsite monitoring wells, methane collection systems, and flare systems. Data is recorded electronically and downloaded to computer for formatting prior to expedited delivery to Town.
- **Program Manager, Landfill monitoring reporting program, Town of Smithtown, NY**. Supervised and reviewed production of quarterly and annual monitoring reports for all monitoring programs at the landfills for Town compliance with NYSDEC requirements, including tabulation and reporting of groundwater and methane monitoring data, solid waste and recycling collection data, yard waste composting operations, and landfill leachate collection and disposal data.
- **Program Manager, Landfill remediation, Town of Huntington, NY.** An historic landfill was removed from parkland under the NYSDEC's ERP. Responsibilities included work scope development, schedule and budget management, staffing, client and regulatory agency coordination and reporting, and report review and certification.

Environmental Data Analysis

Ms. Davis has participated in multiple sessions of environmental geochemistry training provided by environmental geochemists, including physical chemistry, thermodynamics, ionic interactions, complexation, biologic effects, and other basic principles. Training also included field sampling procedures and effects on chemical data, chemical analytical methods and equipment, and QA/QC procedures and interpretation. Attended periodic environmental chemistry training sessions hosted by environmental laboratories and participated in hands-on training in data and QA/QC evaluation.

- **Data Evaluation, multiple projects**. Reviewed and evaluated numerous soil, groundwater, product, indoor/ambient air, and soil vapor chemical analytical datasets, including evaluation of batch and site-specific QA/QC samples, laboratory narratives, comparison to regulatory agency criteria, historic data, and background data.
- **QAPPs, multiple projects**. Developed and implemented numerous QAPP, including QAPP design, sample delivery group (SDG) evaluations, sampling procedures and sequences, and QA/QC sample preparation/collection.
- **DUSR Preparation, multiple projects**. Prepared Data Usability Summary Reports (DUSRs) for numerous chemical analytical datasets for projects overseen by USEPA, NYSDEC and other regulatory agencies, including soil, groundwater, soil vapor, indoor air, and ambient air datasets.
- **Electronic Data Deliverables, multiple projects**. Implemented protocols and procedures for all FPM sites for which NYSDEC Electronic Data Deliverables (EDDs) are required. Responsibilities included staff training, data package QA/QC, client interactions, budget and schedule impact assessments, and dissemination of EDD training information.
- **Data Evaluation, multiple sites**. Performed forensic assessments of historic environmental chemical analytical data to resolve apparent discrepancies with modern data and other inconsistencies.
- **Leachate test assessments**. Assessed leachate test protocols and results to determine the most applicable methods to evaluate and develop soil cleanup objectives for non-regulated compounds.
- **Organic parameter breakdown assessments.** Interpreted numerous organic parameter datasets to evaluate breakdown sequences, likely original parameters, and rates of degradation.
- **Insitu remediation assessments, multiple sites**. Formulated numerous chemical treatment plans for insitu remediation, including assessment of contaminant concentrations and distribution, chemical processes and indicators, natural attenuation indicators, additional stociometric demands, and hydrogeologic factors.

Community Impacts

- **Community Monitoring Plans, multiple hazardous waste sites**. Developed Community Air Monitoring Plans (CAMP) for investigation and remediation projects, including monitoring procedures, action levels, and mitigation measures for odors, traffic, noise, dust, and/or vapors with the potential to affect surrounding communities. Each CAMP was reviewed and approved by the NYSDEC and NYSDOH and was implemented under agency oversight. Presented CAMP findings at numerous community meetings. Addressed community and agency questions and issues
- **Vector Assessments, multiple landfill sites, Long Island, NY**. Evaluated and implemented abatement for vectors (rodents, flies, and seagulls) in association with landfill closures, including inspection and reporting of vector populations, development of vector abatement plans, and assisting Town personnel with vector abatement.
- **Odor Abatement, NYSDEC BCP site, NYC, NY. Major real estate developer**. Developed and implemented an odor abatement plan for highly-odorous soil discovered during a remedial project. The site was surrounded by three public schools; complaints following discovery of odorous soil resulted in a job shutdown until the nuisance was abated. The odor abatement plan was prepared and implemented within 24 hours and involved immediate covering of the odorous soil followed by spot excavation and removal during non-school hours (night work) and the use of odor-controlling foam. The removal was completed within one week without further incident. The NYSDEC and NYSDOH approved the completed work, allowing the job to recommence.
- **Vector Assessment, transfer station, Town of East Hampton, NY**. Conducted inspections of intense fly infestations at a Town transfer station building to identify the locations and migration pathways of flies inside the building and to develop an abatement plan. This plan was successfully implemented and abated the nuisance flies.
- **Soil Vapor Intrusion Assessments, multiple sites**. Developed and implemented air and soil vapor investigations of residential and commercial properties, as approved by the NYSDEC/NYSDOH, to evaluate potential air quality impacts and determine if mitigation or monitoring was necessary. Monitoring/mitigation designs were developed for NYSDEC/NYSDOH approval.
- **CAMP Monitoring, multiple sites**. Conducted odor, dust, noise, and organic vapor monitoring in communities surrounding environmental sites. Data were collected and interpreted in accordance with NYSDEC and/or NYSDOH guidance and the results were submitted to these agencies together with recommendations for mitigation, if appropriate.
- **Project Manager, Environmental data assessment, Windmill Village, Town of East Hampton, NY.** Evaluated environmental data obtained during due diligence testing for a proposed housing development. Recommended additional sampling and confirmed the absence of impacts.

Expert Witness/Technical Services

- **Expert Witness/Technical Services, residential project, Glen Harbor, NY. Private client**. Provided expert witness and technical services regarding environmental conditions and remedial procedures for residential redevelopment of a former oil terminal, including preparing and obtaining NYSDEC and NCDOH approval of remedial work plans, preparing remedial cost estimates and schedules, and providing testimony at a public hearing before the Town Board from which a change of zone was requested. The proposed change of zone, although subject to considerable public opposition, was approved, allowing redevelopment and associated remediation of the property to move forward.
- **Expert Witness/Technical Services, petroleum spill site, Westbury, NY. Private client.** Provided expert witness and technical services to a petroleum company defending NYSDEC cost recovery claims for a petroleum spill. The spill site involved two very large petroleum releases at gasoline stations adjoining the defendant's property. Services provided included evaluating tank tests, groundwater, soil and soil vapor chemical analytical data, petroleum fingerprint data, remediation activities and costs. Prepared numerous detailed timelines of activities, large displays of site information and subsurface conditions, and cost allocation calculations. Conducted a detailed subsurface investigation to evaluate stratigraphic conditions.
- **Expert Technical Services, development site, Village of Larchmont, NY**. Assisted the Village in successfully opposing the construction of a very large superstore in the adjoining community, including evaluating previous environmental investigations, developing cost estimates and scopes of work for a full environmental site assessment, preparing scoping cost estimates for likely remediation scenarios, preparing technical documents in support of the Village's position, and making a presentation at a public hearing. The proposed project was subsequently withdrawn.

- **Expert Hydrogeologist Services, development site, Town of Carmel, NY**. Provided technical evaluation of a proposed water district. The proposed water district would impact existing residents due to limited available water supplies and likely impact on existing wells. The work included evaluation of aquifer pumping tests, determining impacts on nearby wells, assessment of likely increased water demand, preparation of supporting documents, and presentations at project hearings. The proposed project was subsequently conditionally approved by the NYSDEC with significant modifications to protect the water rights of existing residents.
- **Expert Technical Services, solvent plume site, Nassau County, NY. Private client**. Provided technical support to a property owner subject to a USEPA investigation as the potential source of a large chlorinated solvent plume, including evaluation of a plume-wide RI/FS, detailed review of property historic information, multiple meetings with the USEPA, client and counsel, and identification of additional potential source areas.
- **Expert Witness Affidavits, multiple projects**. Prepared affidavits regarding environmental conditions at client properties in support of pending legal actions, including landfill issues, wetlands and navigatable waterway issues, and petroleum spills.
- **Expert Technical Services, road construction projects, Westchester County, NY. Croton Watershed Clean Water Coalition**. Provided technical services to the CWCWC to assess impacts from proposed road construction projects on the Kensico Reservoir and other New York City water supply system facilities. This work included evaluating stormwater pollutant loading calculations, assessing impacts to wetlands, promoting application of more accurate stormwater runoff calculation methods, assessing proposed stormwater management techniques, presenting at public meetings, preparing technical statements for submittal to regulatory agencies, and participating in the NYSDOT SWPPP Guidance committee

Health and Safety

- **Health and safety monitoring, multiple sites**. Implemented HASP monitoring at investigation and remediation sites during intrusive activities, including calibration and operation of photoionization detector (PID) and flame ionization detector (FID) for organic vapors and combustible gas indicator (CGI) for methane. Compared results to applicable action levels and implemented protective measures as necessary.
- **CAMP monitoring, multiple sites**. Performed community monitoring, including monitoring for noise, particulates (dust), and organic vapors. Recorded observations and compared to applicable action levels. Calibrated and operated noise meters, particulate monitors, and PID/FID.
- **Radiation screening, multiple sites**. Performed screening for radiation at select sites, including operating Geiger counter in different radiation modes and obtaining background readings.

Miscellaneous Projects

- **Phase I ESAs**. Performed numerous Phase I Site Assessments for residential and industrial sites in the metropolitan New York area.
- **Environmental Trainer.** Conducted aquifer pumping and soil vapor extraction test training. Instructed classes for site investigation methods, aquifer pumping test analysis, and risk assessment.
- **Project Management**. Performs a wide range of project management functions, including development and management of project budgets and schedules, coordination of field and office staffing, document preparation, review, editing, and interaction with clients, regulatory, legal, real estate, consultant, and compliance personnel.
- **Field Mapping Studies**. Organized, supervised, and conducted field mapping studies in Alaska.
- **Downhole Logging**. Directed petroleum well site geophysical logging operations and interpreted geophysical well logs.
- **Geophysical Data Interpretation**. Processed and interpreted seismic reflection data and constructed seismic velocity models.
- **Regulatory Evaluations**. Assisted and reviewed regulator's revision of proposed risk assessment-based UST cleanup guidelines. Reviewed proposed USEPA NPDES permits for remediation system effluent.
- **Geologic Mapping**. Constructed and interpreted structural and stratigraphic cross sections, and structure contour, fault surface, isochore, and isopach maps.

Regulatory Compliance

- **Site Audits**. Has conducted numerous site audits for regulatory compliance, particularly with respect to Resource Conservation and Recovery Act (RCRA), Comprehensive Environmental Responsibility and Liability Act (CERCLA), the Clean Water Act (CWA) and Clean Air Act (CAA).

- **RCRA compliance audits.** Conducted inspections and reporting regarding underground and aboveground storage tanks (USTs and ASTs), hazardous waste storage facilities, waste management and reporting requirements, and hazardous waste storage area closures in compliance with RCRA.
- **CERCLA Compliance**. Oversees and coordinates environmental site assessments (ESAs) for compliance with CERCLA requirements for a wide variety of facilities including operating and historic industrial sites manufacturing plants, abandoned facilities, and multi-property Brownfield sites.
- **Superfund Sites**. Managed multiple investigation and remedial projects at state and federal Superfund sites. Is very familiar with all phases of CERCLA projects including PA/SI, RI, FS, RD and RA. Has overseen activities at many Superfund sites from investigation through closure.
- **CWA Projects.** Conducted investigation and remediation of Class V underground injection control (UIC) Systems, investigation and acquisition of UIC discharge permits, and discharges into surface water bodies.
- **CAA Compliance Projects**. Conducted facility investigations for emissions sources, including paint booths, fume hoods, process discharges and other point sources. Sampled and evaluated remediation system discharges for CAA compliance, recommended emissions treatment when required.

Representative DOD Projects

- **Barksdale RFI, Barksdale AFB, LA, $520K-**Lead Geologist for RFI for multiple Base-wide sites at Barksdale AFB, including landfills, petroleum spills, fire training areas, sewage treatment plans, and chemical spills. Managed field crews and sampling of soil, groundwater, and waste, performed sample and waste management, and coordinated with Base representatives. Prepared RFI Report, including analytical data reports, CS, and recommendations.
- **Barksdale LTM Program, Barksdale AFB, LA, $1.7M-**Lead Geologist for LTM Program for Base-wide Barksdale groundwater, including landfills, petroleum spills, fire training areas, sewage treatment plants, and chemical spills. Supervised field crews, managed samples and waste, prepared LTM Reports and made recommendations for LTM optimization.
- **Site Characterization, Plattsburgh AFB, NY, $720K-**Field Team Leader for SC investigation of fuel oil USTs and petroleum spills at Base housing, officers' quarters, and support building prior to transition of these areas to other uses. Working for AFCEE, developed and conducted an SC for over 200 USTs, including soil and groundwater sampling to identify petroleum contamination. Supervised several field crews in an accelerated sampling program to complete the SC prior to winter conditions. Prepared SC Report submitted to and approved by the NYSDEC.

MGP Site Experience

- **Field Sampling Services. Soil Investigation, Brooklyn Union Greenpoint MGP site**. Conducted soil sampling and screening activities during tank removal activities at this former MGP facility. Tasks included visual observations, screening with a calibrated PID, soil sampling, interfacing with the client, subcontractors and NYSDEC personnel, and report preparation.
- **Program Manager. Soil Vapor Intrusion Investigation and Mitigation, Brooklyn MGP site**. Developed and implemented a soil vapor intrusion (SVI) investigation following the discovery of chlorinated solvents in soil vapor beneath a shopping center constructed on an MGP site. Managed all scheduling, budget and contract issues. Reviewed results and developed an SVI mitigation plan to address the chlorinated solvent vapors. Oversaw design and installation of a sub-slab depressurization system (SSDS) to address SVI. This work was completed on time and within budget.
- **Field Team Supervisor. Soil Remediation, Brooklyn Union Coney Island MGP site**. Responsible for coordinating all field activities associated with segregation and removal of lead-paint impacted soil from MGP waste at this NYSDEC-listed MGP site. Conducted pre-excavation waste characterization, implemented HASP, oversaw subcontractor and FPM staff, coordinated with client and NYSDEC, managed waste manifesting, conducted community air monitoring, and prepared remediation report.

John S. Bukoski

FPM group — Engineering and Environmental Science



Mr. Bukoski is an Environmental Scientist with diversified experience in both the Federal and private sector, including groundwater and soil investigations and evaluation, soil remediation projects, soil vapor intrusion evaluation, aquifer testing and interpretation, design and management of soil and groundwater remediation projects, groundwater flow modeling, evaluation of site compliance with environmental regulations, and environmental permitting.

Functional Role	Title	Years of Experience
Environmental Scientist	Project Manager	16

Personal Data

Education

B.S./1998/Environmental Science/SUNY Buffalo

Registration and Certifications

OSHA 40-hr and current 8-hr Health and Safety Training Course (1999-present)
OSHA-Approved 8 hour Health and Safety Training Refresher Courses (2000-Present)
OSHA-Approved 8-hr Site Safety Supervisor Training Course (2008)
MTA NYC Transit Track Safety Certification
National Groundwater Association
Long Island Association of Professional Geologists
Advanced Technologies for Natural Attenuation Certification

Employment History

1999-present	FPM Group
1991-1998	Sutherland's Office Centre
1985-1991	United States Marine Corps

Detailed Experience

Site Investigations

- Performed Phase I Environmental Site Assessments and Phase II Investigations for numerous sites in New York State, including office buildings, aerospace facilities, former research and development facilities, and large manufacturing plants.
- Provided oversight and coordination for ongoing investigation and remedial projects at several New York State Inactive Hazardous Waste Disposal (Superfund) Sites, Voluntary Cleanup Program (VCP) Sites, and Brownfield Cleanup Program (BCP) Sites. Investigations included Site Characterization (SC), Remedial Investigation/ Feasibility Studies (RI/FS), and RCRA Facility Investigations. Remedial services have included contaminated soil removals; UIC closures, ORC and HRC injections; design, installation and operation of air sparge/soil vapor extraction (AS/SVE) systems; sub-slab depressurization systems (SSDS) and, capping.
- Managed site investigation activities, including soil vapor and air sampling, soil sampling and analysis, groundwater sampling and analysis, and geotechnical evaluation for numerous supermarket sites in Suffolk County, New York in support of negotiations for property purchases and redevelopment.
- Investigated several petroleum-contaminated spill sites at Griffiss AFB, Rome, NY. Performed soil and groundwater sampling via Geoprobe, installed groundwater wells for monitoring and assessment of attenuation. Proposed remediation technologies for soil and groundwater contamination. Analyzed chemical data and prepared a Site Investigation (SI) Report.
- Investigated several chlorinated solvent-contaminated sites at Griffiss AFB, Rome, NY. Performed aquifer testing to establish direction of groundwater flow. Collected groundwater samples and analyzed the chemical data to identify the constituents of concern. Proposed remediation technologies for groundwater contamination.
- Supervised drilling installation, development, and sampling of monitoring wells at numerous sites in the greater New York metropolitan area. Utilized resulting stratigraphic, hydrologic, and chemical analytical data to evaluate site conditions. Prepared investigation reports identifying site history, contaminant characteristics, sampling methods, and site-specific lithology.
- Managed landfill monitoring projects at several landfills in Suffolk County. Collected and evaluated methane and groundwater monitoring data. Prepared reports documenting monitoring results and provided recommendations regarding methane collection, stormwater runoff, capping, and other landfill management strategies.
- Performed long-term monitoring projects at several landfills at Griffiss AFB. Collected groundwater, leachate, and surface water samples. Evaluated resulting data and prepared monitoring reports for state and federal agency review.

John S. Bukoski

FPM group — Engineering and Environmental Science

Remediation

- Performed investigation and remedial activities at a NYSDEC BCP site in New York City. Assisted in preparing the Remedial Investigation and Remedial Work Plan; coordinated with the owner, contractors, and the NYSDEC; conducted citizen participation activities; performed waste characterization, waste profiles, and waste management; assisted in developing the Site Management Plan (SMP) for NYSDEC approval.
- Performed waste characterization of a 90,000-cy construction soil stockpile at a municipal sewer facility. Responsibilities included development and implementation of Sampling and Analysis Plan (SAP), evaluation of lab data, preparation of Field Sampling Summary Reports (FSSR), coordination with disposal facilities, and preparation of waste profiles.
- Developed pilot test plans, evaluated pilot test results, and prepared conceptual designs for several air sparge/soil vapor extraction (AS/SVE) systems to treat petroleum and/or chlorinated solvent VOCs. Provided construction oversight for system installation. Performed routine system operation monitoring and evaluated system performance. Prepared system installation and monitoring reports.
- Assisted in the design of a soil remediation plan and performed construction and soil remediation oversight for a metal parts plating and manufacturing facility in Suffolk County, New York. Remediated numerous leaching pools impacted with petroleum compounds and metals. Prepared a UIC Closure Report for USEPA approval.
- Assisted in the design and oversight of indoor underground storage tank abandonment program, leaching pool remediation plan, and managed contractor support for a tape measure manufacturing facility in Suffolk County, New York. SCDHS provided oversight and approval.

Hydrogeologic Evaluations

- Performed well design (gravel pack size, screen size, etc.) for numerous groundwater wells and variable depths on Long Island. Experience includes sieve analyses, well construction and development methods.
- Performed aquifer pumping and slug tests and evaluated hydrologic properties using the computer program AQTESOLV for several sites in New York City and Long Island.
- Participated in multi-day, multi-well aquifer pumping test for New York City Transit (NYCT). Responsible for operating and maintaining data logging equipment, coordinating manual water level measurements, and analyzing resulting drawdown data.
- Performed water level and water quality monitoring at several sites in Nassau and Suffolk Counties. Constructed groundwater elevation contour maps and utilized chemical analytical data to predict contaminant plume migration.
- Supervised drilling, installation and development of groundwater monitoring wells at three sites within Griffiss AFB, NY and numerous sites in New York City and Long Island. Performed aquifer testing and constructed groundwater elevation contour maps to delineate plumes and predict contaminant plume migration.

Landfills

- Managed ongoing groundwater and methane monitoring programs for Town of East Hampton landfills. Responsibilities included field team coordination, communications with the Town, report scheduling, data package review, and report preparation for distribution to the client and NYSDEC.
- Managed and conducted quarterly methane monitoring at Springs-Fireplace Road and Montauk Landfills for the Town of East Hampton. Tabulated resulting data, evaluated historic methane monitoring results, and recommended appropriate actions including methane monitoring well installations and a methane extraction system. Performed off-site methane monitoring on private property confirm methane containment. Prepared quarterly monitoring reports for submittal to the Town and NYSDEC.
- Performed monthly methane monitoring and prepared monitoring reports for all Town of Islip Landfills. Monitoring program included onsite and offsite methane wells, methane collection systems, and flare systems. Data was recorded electronically and downloaded to computer for formatting prior to delivery to Town. Prepared monthly monitoring reports for submittal to the Town and NYSDEC.
- Produced quarterly and annual monitoring reports for all monitoring programs at Town of Smithtown landfill. Project included tabulation and reporting of groundwater and methane monitoring data, solid waste and recycling collection data, yard waste

composting operations, and landfill leachate collection and disposal data.

Water Quality Monitoring

- Conducted groundwater monitoring for the Town of Riverhead, including sampling a multi-depth monitoring well network, analysis and interpretation of analytical and hydrogeologic data, and monitoring reporting in accordance with NYSDEC requirements. Responsibilities including sampling, communications with the Town, laboratory data package review, and report preparation for distribution to the client and NYSDEC.
- Conducted investigation and remedial projects at several New York State BCP Sites. Tasks included contaminated soil removal, groundwater remediation and long-term monitoring, groundwater plume evaluation, and preparation and submittal of annual reports to the NYSDEC.
- Coordinated and performed onsite and offsite groundwater monitoring at various petroleum release sites on Long Island, the New York metropolitan area and in Westchester County in accordance with NYSDEC requirements. Utilized resulting stratigraphic, hydrologic, and chemical analytical data to evaluate site conditions. Prepared work plans identifying site history, contaminant characteristics, sampling methods, and site-specific lithology. Monitoring programs generally included installation and sampling of a multi-depth monitoring well network utilizing standard or low flow sampling techniques, analysis and interpretation of analytical and hydrogeologic data, and reporting.
- Performed water level and water quality monitoring at an industrial site in Mattituck, NY. Constructed groundwater elevation contour maps and utilized chemical analytical data to predict contaminant plume migration. Prepared reports, coordinated with the property owner and NYSDEC, and developed a closure plan.
- Conducted numerous investigations and remediation of contaminated cesspool and stormwater drain pool systems in Suffolk County. Fully conversant with SCDHS, SOP 9-95 for investigation and cleanup of leaching pool systems, including Action Levels and Cleanup Standards, groundwater monitoring criteria, and remedial requirements.

Griffiss Air Force Base

- Conducted several Site Investigations for AFCEE. Performed soil and groundwater sampling, aquifer testing, and recommended cleanup procedures necessary for the closure and conversion of the Base. Responsible for compliance with all applicable laws including CERCLA, SARA, RCRA, and NCP.

Roslyn Air National Guard Station

- Conducted several Site Investigations for Roslyn ANGS. Performed soil and groundwater sampling, aquifer testing, and mold evaluations. Prepared reports documenting recommended cleanup procedures necessary for the closure and conversion of the Base. Responsible for compliance with all applicable laws including CERCLA, SARA, RCRA, and NCP.

Health and Safety

- Performed health and safety monitoring at investigation and remediation sites during intrusive activities. Monitoring included calibration and operation of photoionization detectors (PIDs), flame-ionization detectors (FIDs), dust monitors, and combustible gas indicators (CGI). Compared results to applicable action levels and undertook preventative/protective measures as necessary.
- Performed community monitoring, including monitoring for noise, particulates (dust), and organic vapors at several sites throughout New York State. Recorded observations and compared to applicable action levels. Implemented calibration and operation programs and training for noise meters, particulate monitors, PIDs, and FIDs.
- Performed screening for radiation at several sites. Operated Geiger counters in different radiation modes and compared data to background readings.

Miscellaneous Projects

- Performed unexploded ordnance evaluations and mapping for the United States Marine Corps at several munitions ranges in 29 Palms, California, and Camp Lejeune, North Carolina.
- Conducted land survey and mapping for the United States Marine Corps at several artillery ranges in 29 Palms, California and Camp LeJeune, North Carolina.

Richard J. Baldwin, C.P.G., P.G.
Apex Companies, LLC, Project Director

Mr. Baldwin is a hydrogeologist with more than twenty five years of experience in the fields of environmental consulting, hydrogeology and geology with particular experience in conducting and supervising environmental investigations and remedial actions at industrial, private, Federal and publicly-owned facilities and sites. Additionally, Mr. Baldwin has experience in evaluating potential environmental impacts of projects including golf courses, housing developments, senior housing, schools and retail shopping centers. For the last several years, Mr. Baldwin's work has focused primarily on sites and facilities located in the Long Island, New York City and Upstate New York areas. He has extensive knowledge and experience pertaining to Long Island's federally-designated sole-source drinking water aquifer system. Mr. Baldwin has extensive experience in evaluating complex laboratory data packages to ensure that they are precise, accurate, repeatable and comparable.

Education

- *Graduate Course Work, San Jose State University, 1985-1988*
- *BA Geology, San Francisco State University, 1982*

Professional Registrations

- *Professional Geologist, PG-000552-G, Commonwealth of Pennsylvania*
- *Certified Professional Geologist, CPG #9158, Amer.Inst. of Prof. Geologists*
- *OSHA Certification, 40-hour Health and Safety Training at Hazardous Waste Sites*
- *OSHA Certification, 8-hou Refresher Health and Safety Training at Hazardous Waste Sites*
- *OSHA Certification, 8-hour Management Training*
- *OSHA Certification, 8-hour Radiation Safety Training*

Continuing Education

- *Princeton Groundwater Hydrogeology and Pollution course*
- *Environmental Law and Regulations Course, U.C. Berkeley Extension*
- *NGWA MODFLOW and MODPATH Modeling Course*
- *NGWA Visual MODFLOW Modeling Course*

Typical Project Experience

Mr. Baldwin has extensive experience in the selection, design, installation and maintenance of a wide range of soil and groundwater remediation systems. Remedial systems have included both active and passive free-product recovery, traditional groundwater pump and treat, soil-vapor extraction, air sparging, bioventing, bioremediation, excavation impacted-soil management and natural attenuation.

Mr. Baldwin has been the principal-in-charge and directly responsible for hundreds of projects related to the wireless telecommunications field. He has overseen the conduct of hundreds of Phase I Environmental Site Assessments (ESAs) and limited Phase II ESAs. He has developed and implemented Soil and Groundwater Management Work Plan to address environmental impairment issues. He has been instrumental in developing appropriate mitigation measures with various project team members including site acquisition, legal counsel and headquarters level staff.

Mr. Baldwin has evaluated the potential environmental impacts of proposed projects including golf courses, housing developments, senior housing, schools, automobile repair facilities and retail shopping centers. The potential impacts included those to groundwater quality from herbicide/pesticide application, disposal of sanitary waste and school laboratory waste and the impacts to soil quality from handling and disposal of hazardous materials, leaking underground storage tanks, historic disposal of hazardous waste and pesticide/herbicide application. These impacts were evaluated through a variety of means including the collection and analysis of soil and groundwater samples, geo- and organic-chemistry modeling, groundwater fate and transport modeling and basic research of materials, their uses and their potential migration pathways. Mr. Baldwin has provided expert witness services for various venues ranging from NYSDEC spill and hazardous waste sites to potential noise impacts.

Mr. Baldwin has been involved in hundreds of subsurface soil and groundwater investigations ranging from Phase I & II Environmental Site Assessments (ESAs) to Remedial Investigations. Investigation and delineation techniques have included soil borings, groundwater monitoring well networks, hydropunch/GeoProbe sampling, surface and bore-hole geophysical methods, soil-gas surveys, aquifer testing, surface water and sediment sampling, waste characterization (soils piles, drums, USTs, ASTs, landfills, etc), test pits, and computer fate and transport modeling. Materials investigated have included petroleum products (heating/fuel oil and gasoline), PCB oils, coal tar, heavy metals, chlorinated solvents, explosives, pesticides, herbicides and buried medical waste.

Mr. Baldwin has been in the forefront of both evaluating and addressing shallow soils on Long Island which have been impacted by pesticides (particularly arsenic) and herbicides. This important issue is particularly of concern due to the re-development of agricultural lands for residential and educational end uses. Mr. Baldwin has work closely with the SCDHS and Town of Brookhaven to develop effective and easily implementable Soil Management Plans.

Mr. Baldwin works closely with the U.S. Environmental Protection Agency (EPA), New York State Department of Environmental Conservation (NYSDEC) Region 1, Region 2, Region 3 and Central Office, New York State Department of Health (NYSDOH), Suffolk County

APEX

Department of Health Services (SCDHS) and Nassau County Department of Health (NCDOH). Mr. Baldwin also works with local planning and review boards including the Town of East Hampton, Town of Southampton, Town of Babylon, Town of Brookhaven, Village of Patchogue, Village of Great Neck and New York City on issues ranging from groundwater quality to historic resources to noise impacts.

Mr. Baldwin's projects include supervising and performing Remedial Investigations/Feasibility Studies (RI/FSs), Interim Remedial Actions (IRMs), and implementation of selected remedies at NYSDEC Class 2 and 2a Inactive Hazardous Waste Disposal sites. Other work, conducted with the NYSDEC, includes evaluating and implementing large-scale groundwater and soil treatment systems to remediate MTBE.

Environmental Data Analyses

Mr. Baldwin has received multiple sessions of environmental geochemistry training provided by environmental geochemists, including physical chemistry, thermodynamics, ionic interactions, complexation, biologic effects, and other basic principles. Training also included field sampling procedures and effects on chemical data chemical analytical methods and equipment, and QA / QC procedures and interpretation.

Mr. Baldwin has reviewed and evaluated numerous soil, groundwater, product, indoor / ambient air and soil vapor chemical analytical datasets, including evaluation of batch and site-specific QA / QC samples, laboratory narratives, comparison to regulatory agency criteria, historic data, and background data.

Mr. Baldwin has been responsible for the development and implementation of numerous Quality Assurance Project Plans (QAPP), including QAPP design, sample delivery group (SDG) evaluations, sampling procedures and sequences, and QA / QC sample preparation/collection.

Mr. Baldwin has attended periodic environmental chemistry training sessions hosted by environmental laboratories and participated in hands-on training in data and QA / QC evaluation.

Mr. Baldwin has prepared Data Usability Summary Reports (DUSRs) for numerous chemical analytical datasets for projects overseen by the USEPA, NYSDEC and other regulatory agencies. Datasets evaluated have included soil, groundwater, soil vapor, indoor air and ambient air.

Mr. Baldwin has performed forensic assessments of historic environmental chemical analytical data to resolve apparent discrepancies with modern data and other dataset inconsistencies.
Mr. Baldwin has interpreted numerous organic parameter datasets to evaluate breakdown sequences, likely original parameters and rates of degradation.

Mr. Baldwin has formulated numerous chemical treatment plans for insitu remediation of environment contaminants, including assessment of contaminant concentrations and distribution, chemical processes and indicators, natural attenuation indicators, additional stociometric demands and hydrogeologic factors.

Selected Project Experience

Project Director for Major NY Metro Airport Project

Mr. Baldwin is part of a large project team which has been tasked by a coalition of major airlines to evaluate the efficacy of re-instituting the delivery of jet fuel via a water-borne barge delivery system. As part of the project, Mr. Baldwin evaluated the requirements for permits from various agencies including the NYSDEC, USACE, NYSDOS and New York City. Mr. Baldwin has also been providing ongoing evaluations of potential project design scenarios which required the evaluation of existing data sets (e.g., bathymetric surveys, former permits, etc.), conducting cost-benefit analyses assuming various dredge spoil disposal options, etc. This is a major, on-going project with long-term ramifications at all of the major New York Metropolitan airport facilities.

Project Director for Ferry Terminal Project, Glen Cove, NY

The City of Glen Cove Industrial Development Agency (IDA) has acquired Federal Stimulus Funding to develop a ferry terminal along their waterfront area in order to provide passenger ferry service from the North Shore of Long Island to the New York Metropolitan Area, and potentially to selected Connecticut locations. The selected site is part of the former Li Tungsten and Captains Cove Federal and New York State Department of Environmental Conservation (NYSDEC) Superfund Sites. Both sites were subject to remedial actions and were "closed" by both the United States Environmental Protection Agency (USEPA) and NYSDEC circa 2000. A wide range of contaminant types were potentially associated with both sites including solvents, petroleum, oils, heavy metals and radiation. The

NYSDEC and IDA required the preparation of a Soil Management Plan (SMP) as potentially-impacted soils and bottom sediments were potentially going to be encountered as part of the project. Mr. Baldwin successfully prepared and executed a Dredging / Excavation (D / E) Work Plan which detailed the requirements to field screen all excavated soils and dredge spoils with a radiation detector, photo-ionization detector (PID) and by visual / olfactory inspection. Based upon the results of the field screening, excavated soils and dredge spoils were to be addressed by one of the following: 1) cleared for use as on-site backfill materials; 2) disposed of as non-hazardous, regulated materials; or, 3) as hazardous waste. Mr. Baldwin was also responsible for designing and implementing a sediment sampling and analyses program to: 1) evaluate ambient creek bottom conditions with respect to a wide-range of contaminant types; and, 2) confirm the chemical conditions of the "new sea floor" prior of dredging and excavation activities. Mr. Baldwin also successfully applied for a received a NYSDEC Case-specific Beneficial Use Determination (BUD) finding as part of a cost-effective materials disposal option, as well as successfully applying for a NYSEC Long Island Well permit required as part of continuing project support activities.

Project Director for Marina Property, Glen Cove, NY

Mr. Baldwin was responsible for conducting turn-key environmental and engineering services for this active marina facility. The services included: 1) conducting a high-resolution bathymetric survey of the marina's basin in order to evaluate effective depths / vessel mooring and access restrictions; 2) successful acquisition of a United States Army Corps of Engineers (USACE) / NYSDEC Joint Application permit to repair a failed bulk head; 3) preparation of a full engineered design package to rebuild a failing dock-side water supply system; 4) conduct of a land-ward and marine geotechnical evaluation to determine the suitability of sub-surface materials for future construction projects; 5) collection and analyses of multiple bottom sediment samples to evaluate same for dredging issues; and, 6) participation in the marina design team. As part of this, Apex participated in multiple site meetings to discuss dock geometry, future infrastructure repair requirements, future regulatory permitting requirements, travel lift slip issues, potential future dredging protocols, etc.

Project Director for Marina Property, Patchogue, NY

Mr. Baldwin was responsible for providing turn-key environmental and engineering services for this active marina facility. These services included: 1) conduct of a high-resolution bathymetric survey of the marina's basin in order to evaluate effective depths / vessel mooring and access restrictions; 2) Preparation and submission of a USACE / NYSDEC Joint Application permit for maintenance dredging /marina infrastructure improvement; 3) preparation of a full engineered design package to rebuild a failing travel lift rail system; 4) contractor oversight; and, 5) Participation in the marina design team. As part of this, Apex has participated in multiple site meetings to discuss dock geometry, future infrastructure repair requirements, future regulatory permitting requirements, travel lift slip issues, potential future dredging protocols, etc.

Project Director for 10-Year Dredging and Beach Nourishment Program, Yarmouth, MA

Mr. Baldwin has been responsible for providing permit application preparation services for the Town of Yarmouth on Cape Cod. There are currently 37 Town-wide sites which are subject to multiple local, State and Federal permits for maintenance dredging and beach nourishment activities. The Town of Yarmouth's wetlands and waterways represent a highly-valuable, yet fragile ecosystem/resource. Current and historic dredging and beach nourishment practices on a site-by-site basis over the past decades have resulted in a confusing and difficult-to-manage situation with respect to this highly-complex system. Apex recommended that a 10-Year Town-wide Dredging and Beach Nourishment Program be approved and implemented wherein all 37 Yarmouth and Dennis dredge and beach nourishment sites are included/managed under one comprehensive management program. This will allow for effective use of Town resources, as well as ensuring that the dredge/nourishment sites are appropriately managed within appropriate regulatory guidelines. Again, the overall goal of this program is to allow the Town of Yarmouth to manage more effectively its waterways and beaches.

New York State Department of Environmental Conservation, Groundwater Evaluation and Treatment, Taconic Developmental Disabilities Services Office, Wassaic, NY

Worked on a public water supply site in New York conducting a full-scale groundwater investigation in the vicinity of the facility's supply wells which have been impacted by MTBE. Multiple well clusters were installed surrounding the high-capacity wells to evaluate subsurface conditions. One impacted well was converted to a remediation well to provide hydraulic capture of the MTBE plume prior to its impacting the remaining downgradient wells. A large-scale granulated-activated carbon (GAC) system was installed to treat the water extracted from the well. A 40,000-pound GAC unit was also installed in standby mode to address the facility's drinking water should the concentrations of MTBE ever warrant treatment. Several rounds of groundwater investigation were also conducted to confirm the MTBE source area as a nearby gasoline service station. Pilot testing was conducted and an on-site groundwater treatment system was being designed to provide source area remediation.

New York State Department of Environmental Conservation, Potable Water Treatment System, Village of Brewster, NY

Designed and constructed a supplemental water treatment system at a public water supply plant to address MTBE contamination in the system prior to its distribution. The treatment system consisted of a large air stripping tower, installed in line with an existing air stripper to remove the MTBE to non-detectable concentrations. Additionally, a source area investigation was being conducted to determine the potential source(s) of the MTBE contamination.

New York State Department of Environmental Conservation, Potable Water Treatment System, Sullivan Correctional Facility, Fallsburg, NY

Worked with the NYSDEC to evaluate, design and install a supplemental water treatment system to address MTBE present in a New York State Correctional Facility's drinking water. All four of the facility's wells were impacted. Several remedial options including utilizing GAC or air strippers were evaluated. The selected alternative was a 20,000-pound GAC system which was installed inline and in standby mode.

New York State Department of Environmental Conservation, Large Scale Investigation / Remediation Project, Lake Success, New York

Managed large-scale site activities at a major Long Island aerospace facility. Activities included operations of on-going IRMs (soil vapor extraction and groundwater extraction and treatment systems); citizen participation activities; design and implementation of on-site remedies (drywell removal and soil excavation, installation of fencing and an 1,800 gallon per minute groundwater extraction and treatment system); on- and off-site RIs; regulatory compliance activities; client interactions; multi-task, multi-contractor scheduling and management; and general project management. As part of the RI, prepared a large three-dimensional groundwater flow and particle model utilizing Visual MODFLOW and MODPATH. The model was then utilized to design an optimum groundwater treatment system.

Prepared a scoping plan and RI report for an Inactive Hazardous Waste Disposal site in New York under the NYSDEC Superfund program. The work involved evaluating the nature and extent of halogenated solvents in soil and groundwater both on and off of the site. Was responsible for overseeing all phases of the report preparation, including communications with the NYSDEC and for implementing the citizen participation program. Also involved in the preparation of the FS report and selection of the final remedy which included the use of an innovative groundwater treatment technology, in-well air stripping.

Project Director for Marina Property Assessment, Hampton Bays, NY

The owner of this active marina facility was served with a Notice of Violation (NOV) by the NYSDEC for various environmental issues, mostly related to on-site petroleum storage / delivery systems, as well as impacts potentially associated with marine-activity uses such as vessel bottom paint removal and application, use of preserved woods, vessel maintenance activities, housing-keeping issues, etc. Apex was responsible, with input from the NYSDEC, for developing and implementing a Site Investigation Program to investigate potential soil and groundwater impacts associated with the aforementioned on-site practices. Based upon the results of the investigation, Apex was able to conclude that the fuel distribution system was not leaking and that groundwater was not deleteriously impacted. Minor areas of impacted soil, likely from vessel bottom cleaning activities, were identified. Apex prepared and implemented a NYSDEC-approved Remedial Action Plan which included the following: 1) targeted removal of metals-impacted soils; 2) conversion of the existing gasoline / diesel underground storage tank (UST) / sub-grade distribution system to non-regulated biofuel use; 3) confirmation of facility use of aboveground storage tanks (ASTs) equipped with double-walled containment, 4) permitting a vessel-washing rinsate containment/treatment system; and, 5) use of asphaltic/concrete paving as engineering controls to minimize future potential user contact with remaining impacted soils.

Project Manager for Dredge Spoils Quality Investigation, New London, CT.

Mr. Baldwin was retained by a not-for-profit group concerned that the planned disposition of dredge spoils from the Thames River associated with the US Navy nuclear submarine base would negatively impact the lobster fishery of off Fishers Island in the Long Island Sound. Mr. Baldwin directed the field team which collected gravity cores from along the portion of the Thames River slated for dredging. Mr. Baldwin utilized the services of a nationally-recognized laboratory to analyze the bottom sediment samples for a wide-range of contaminants. Other than potentially elevated concentrations of dioxins, the bottom sediments proved to be relatively free of anthropogenic contaminants.

Project Director for Marina Property Assessment, Center Moriches, NY.
Mr. Baldwin was responsible for conducting an evaluation of environmental conditions at this active marina which was under consideration for re-development with residential housing. Issues evaluated included soil and groundwater conditions associated with on-site vessel repair, bottom paint application/removal, USTs and dredge spoils. Based upon the results of the investigation, impacted soils were excavated, transported to and disposed of at an appropriately-licensed facility. The dredge spoils were not impacted above regulatory criteria and required not special actions. Based upon the results of the investigation and remediation activities, the Suffolk County Department of Health Services approved the site for residential re-development.

Senior Project Manager for Former La Salle Military Academy, Oakdale, NY.
Mr. Baldwin was part of project team that conducted a feasibility study for the redevelopment of a portion of this former educational facility. A major component of the Feasibility Study was the evaluation of an on-site boat basin and associated building infrastructure (e.g., a team house) with respect to potential dredging requirements, permitting issues, bottom sediment conditions and marina design.

Former Hess Terminal, Patchogue River, Patchogue, NY.
Mr. Baldwin conducted a site investigation program at this former major fuel oil terminal site to evaluate the efficacy of same for residential re-development, which would have included a residence-use only marina. The site had been the subject of previous site remediation activities, and the NYSDEC had closed its spill file assuming that the site would only be utilized for commercial or industrial purposes. Soil, groundwater, soil vapor and outdoor ambient air samples were collected and analyzed as part of this evaluation. The results of the investigation indicated that additional soil remediation would have been required to make the property suitable for residential re-development. Additionally, the NYSDEC would have likely required the installation and operation of sub-slab depressurization systems for all on-site residential buildings prior to their approving the plans for the site.

Former Lumber Yard Facility, Arverne, NY.
Mr. Baldwin provided environmental consulting services associated with planned redevelopment of a six-acre parcel of land located on the Barbados Basin. The client proposed to construct and operate a boat marina with associated catering hall/shopping complex on this former lumber yard. An exhaustive site investigation including a geophysical survey, soil and groundwater testing and wetlands/permit evaluation was conducted in accordance with the New York City Environmental Quality Review (CEQR) regulations. Also conducted an exhaustive feasibility study regarding stormwater runoff /sanitary waste disposal options. The results of the investigation indicated that historic fill materials on the subject property contained actionable concentrations of lead. Prepared a site specific Soil Management Plan for submission to the New York City Department of Environmental Protection (NYCDEP). The NYCDEP agreed with the remedial option of capping the lead-impacted fill materials under two feet of clean fill to prevent future site users from coming into contact with same.

Dielectric Fluid Release, Village of Port Washington, NY.
During excavation activities being conducted for installing a team building at a Town-owned marina facility, Town of North Hempstead personnel encountered and broke a major, unmarked buried electric line. This rupture caused the immediate and catastrophic release of an estimated 30,000 gallons of dielectric fluid. Mr. Baldwin was retained by the Town of North Hempstead to oversee the cleanup of surface materials, as well as the evaluation of dielectric fluid floating on top of the water table. Adsorbent booms were placed and maintained along the associated wetlands and all identified areas of impacted soils were remediated. A series of monitoring wells were installed and evaluated to ensure the absence of dielectric fluid floating on the water table which would eventually discharge to the adjacent water way. Based upon the work conducted, the released dielectric fluid did not contain polychlorinated biphenyls (PCBs), and the NYSDEC was satisfied that the released had been adequately remediated.

Brownfield Re-development, Greenport, NY.
Mr. Baldwin managed one of the few active NYSDEC Brownfield sites on Long Island utilizing New York State Environmental Bond Act funding. The work included evaluating a large Village-owned undeveloped water-front property for the presence of undocumented USTs utilizing surface geophysical techniques, removing the USTs and associated impacted soils and preparing Site Investigation and Remedial Action reports. Responsible for all regulatory interactions, subcontractor management and Citizen Participation Plan implementation. The work was conducted concurrently with the redevelopment of the site for use as a public park including a water-front walk way, amphitheater and historic carousal.

Preliminary Site Assessment, Concord Naval Weapons Station, Concord, NY.
Mr. Baldwin was the Project Manager responsible for conducting an environmental investigation in the portion of the Concord Naval Weapons Station known as the Tidal Area. The investigation included collecting and analyzing soil, sediment and groundwater samples from adjacent to and within on-site wetlands. Mr. Baldwin also utilized an aerial

magnetic survey to identify anomalies on a nearby off-shore island which could potentially represent buried railcars full of munitions which were reportedly buried after a major WW II explosion which killed hundreds of people. Mr. Baldwin conducted the field investigation which evaluated the nine magnetic anomalies which turned out to be ship wrecks, a crane, gas well heads, miscellaneous debris, etc. No anomalies representative of buried rail cars were observed. Mr. Baldwin was responsible for conducting a geotechnical evaluation of the materials making up the island, known as Bay Muds, which due to their very poor shear strength, could not have been excavated sufficiently to allow for burial of the rail cars. Therefore, it was Mr. Baldwin's belief that the reported burial of the rail cars full of munitions was incorrect.

Site Investigation Activities, Saint George Ferry Terminal, Staten Island NY

Mr. Baldwin was responsible for implementing a groundwater evaluation of the major ferry terminal site to evaluate the most efficacious means of removing two, large out-of-service No. 6 fuel oil USTs. The work including setting up and conducting a tidal influence study, major aquifer pumping test and conducting three-dimensional groundwater modeling. Evaluated and recommended the use of sheet piling surrounding the two USTs to isolate same from the surrounding aquifer materials and protect the adjacent buildings. The recommended remedial approach was implemented and the USTs were successfully removed with minimal de-watering required and the adjacent buildings were successfully protected.

Bottom Sediment Evaluation, Lake Success, NY

As part of a major environmental investigation of a nearby New York State Superfund site, Mr. Baldwin was responsible for the collection and analysis of bottom sediment samples from Lake Success and two on-site stormwater recharge basins. The results of the investigation indicated that the bottom sediment conditions in the on-site recharge basins and Lake Success were very similar leading to the conclusion that the observed impacts to the basins were likely non-site related and typical of stormwater runoff. Further, a bathymetric survey and at-depth water quality investigation was conducted for Lake Success.

Stormwater Retention Basin Bottom Sediment Evaluation, Lake Success, NY

As part of a major environmental investigation of a New York State Superfund site, Mr. Baldwin was responsible for evaluating the thickness of potentially impacted bottom sediments in two on-site stormwater recharge basins. The basins had reportedly been subject to discharge on impacted non-contact cooling waters and other site process waters. As a cost-saving measure, and in order to collected as much data as quickly as possible, Apex utilized an innovative investigation approach of transecting the surfaces of both frozen basins with a ground-penetrating radar (GPR) units. The GPR data was then cross-correlated with direct field measurements collected utilizing more standard techniques (e.g., gravity coring, penetration tests, etc.) to confirm the accuracy of the geophysical technique. The final data set was utilized to evaluate potential remedial techniques and costs.

Terrestrial/Martian Analogue Evaluation, Dry Valley Lakes, Antarctica

While at the United States Geological Survey (USGS), Mr. Baldwin participated on a project team which evaluated the physical and biota conditions of ice-covered lakes in the Dry Valley Region of Antarctica. Such conditions (e.g., ice-covered lakes in an otherwise frozen, low-precipitation region) were believed to be a strong terrestrial analogue for potential lakes which may have formed in the distant past in the Valles Marineris Canyon System on Mars. The biota of the Dry Valley ice-covered lakes was dominated by primitive stromatolites mounds, with much of the sedimentary section dominated by sand and gravel which had migrated through the ice cover. The overall purpose of the work was to assist NASA in evaluating future Mars landing sites with the highest potential for providing fossilized evidence for life on Mars.

Riverine Sediment Evaluation, Thames River, New London, CT

Mr. Baldwin was retained by a not-for-profit group concerned that the planned disposition of dredge spoils from the Thames River associated with the US Navy nuclear submarine base would negatively impact the lobster fishery of off Fishers Island in the Long Island Sound. Mr. Baldwin directed the field team which collected gravity cores from along the portion of the Thames River slated for dredging. Mr. Baldwin utilized the services of a nationally-recognized laboratory to analyze the bottom sediment samples for a wide-range of contaminants. Other than potentially elevated concentrations of dioxins.

Additional information upon request

APPENDIX C

FIELD OBSERVATIONS

CANISTER FIELD SAMPLING RECORD

Project: **NuHart Plastics Site**

Site Location: **280 Franklin St Brooklyn**

Sample ID	SV-1	Canister ID	129
Sampler	JB	Canister Volume	1 L
Location		Flow Controller ID	172
Height	-5 ft	Flow Controller Setting	2 hr

Sample Type (sub-slab, soil gas, amb, indoor) soil gas

Reading	Date	Time	Vacuum
Initial Canister Vacuum	4/24/2015	0730	-30
Final Canister Vacuum	4/24/2015	0910	-7

Weather or Ambient Conditions: Clear, Wind 8mph NW, 55 degrees F

Purge Data: Purged three volumes

Helium Check Data: Helium check performed, seal confirmed

Comments:

CANISTER FIELD SAMPLING RECORD

Project: **NuHart Plastics Site**

Site Location: **280 Franklin St Brooklyn**

Sample ID	SV-1	Canister ID	1189
Sampler	JB	Canister Volume	1 L
Location		Flow Controller ID	1172
Height	-5 ft	Flow Controller Setting	2 hr

Sample Type (sub-slab, soil gas, amb, indoor) soil gas

Reading	Date	Time	Vacuum
Initial Canister Vacuum	4/24/2015	0730	-30
Final Canister Vacuum	4/24/2015	0910	-7

Weather or Ambient Conditions: Clear, Wind 8mph NW, 55 degrees F

Purge Data: Purged three volumes

Helium Check Data: Helium check performed, seal confirmed

Comments:

CANISTER FIELD SAMPLING RECORD

Project: **NuHart Plastics Site**

Site Location: **280 Franklin St Brooklyn**

Sample ID	SV-2	Canister ID	1181
Sampler	JB	Canister Volume	1 L
Location		Flow Controller ID	145
Height	-5 ft	Flow Controller Setting	2 hr

Sample Type (sub-slab, soil gas, amb, indoor) soil gas

Reading	Date	Time	Vacuum
Initial Canister Vacuum	4/24/2015	0740	-30
Final Canister Vacuum	4/24/2015	0930	-3

Weather or Ambient Conditions: Clear, Wind 8mph NW, 55 degrees F

Purge Data: Purged three volumes

Helium Check Data: Helium check performed, seal confirmed

Comments:

CANISTER FIELD SAMPLING RECORD

Project: **NuHart Plastics Site**

Site Location: **280 Franklin St Brooklyn**

Sample ID	SV-3	Canister ID	367
Sampler	JB	Canister Volume	1 L
Location		Flow Controller ID	146
Height	-5 ft	Flow Controller Setting	2 hr
Sample Type (sub-slab, soil gas, amb, indoor)	soil gas		

Reading	Date	Time	Vacuum
Initial Canister Vacuum	4/24/2015	0755	-30
Final Canister Vacuum	4/24/2015	0950	-4

Weather or Ambient Conditions: Clear, Wind 8mph NW, 55 degrees F

Purge Data: Purged three volumes

Helium Check Data: Helium check performed, seal confirmed

Comments:

CANISTER FIELD SAMPLING RECORD

Project: **NuHart Plastics Site**

Site Location: **280 Franklin St Brooklyn**

Sample ID	SV-4	Canister ID	419
Sampler	JB	Canister Volume	1 L
Location		Flow Controller ID	176
Height	-5 ft	Flow Controller Setting	2 hr

Sample Type (sub-slab, soil gas, amb, indoor) soil gas

Reading	Date	Time	Vacuum
Initial Canister Vacuum	4/24/2015	0805	-30
Final Canister Vacuum	4/24/2015	1000	-7

Weather or Ambient Conditions: Clear, Wind 8mph NW, 55 degrees F

Purge Data: Purged three volumes

Helium Check Data: Helium check performed, seal confirmed

Comments:

CANISTER FIELD SAMPLING RECORD

Project: **NuHart Plastics Site**

Site Location: **280 Franklin St Brooklyn**

Sample ID	SV-4	Canister ID	141
Sampler	JB	Canister Volume	1 L
Location		Flow Controller ID	124
Height	-5 ft	Flow Controller Setting	2 hr

Sample Type (sub-slab, soil gas, amb, indoor) soil gas

Reading	Date	Time	Vacuum
Initial Canister Vacuum	4/24/2015	0805	-30
Final Canister Vacuum	4/24/2015	1000	-1

Weather or Ambient Conditions: Clear, Wind 8mph NW, 55 degrees F

Purge Data: Purged three volumes

Helium Check Data: Helium check performed, seal confirmed

Comments:

CANISTER FIELD SAMPLING RECORD

Project: NuHart Plastic (280 Franklin) 1134.5-15-12

Site Location: 48 Commercial

Sample ID	SG-5	Canister ID	1189
Sampler	JB/GH	Canister Volume	1L
Location	48 Commercial	Flow Controller ID	149
Height	-4'	Flow Controller Setting	1 hr

Sample Type (sub-slab, soil gas, amb, indoor) soil gas

Reading	Date	Time	Vacuum
Initial Canister Vacuum	6/19/15	1005	-30
Final Canister Vacuum	6/19/15	1100	-5

Weather or Ambient Conditions: Clear, Wind 5-8 NW, 75F

Purge Data: Purged three volumes

Helium Check Data: Helium check performed, no bypassing, seal confirmed

Comments:

CANISTER FIELD SAMPLING RECORD

Project: Nuttart Plastic (280 Franklin) 1134g-15-12

Site Location: 48 Commercial

Sample ID	S6-5D	Canister ID	191
Sampler	JB/GH	Canister Volume	1L
Location	48 Commercial	Flow Controller ID	110
Height	-4'	Flow Controller Setting	1 hr

Sample Type (sub-slab, soil gas, amb, indoor) soil gas

Reading	Date	Time	Vacuum
Initial Canister Vacuum	6/19/15	1010	-30
Final Canister Vacuum	6/19/15	1105	-2

Weather or Ambient Conditions: Clear, Wind 5-8 NW, 75°F

Purge Data: Purged three volumes

Helium Check Data: Helium check performed, no bypassing, seal confirmed

Comments:

FPM group

DAILY SUMMARY REPORT

Location: 49 Dupont St, New York, NY **Date: 4/23/15**

Organizations	Staff	Equipment
Associated Environmental	Jose	Geoprobe
FPM Group	RM and JB	PID, dust monitor

On-Site Visitors	Purpose
Brian Wong-DEC	Inspection

Description of Daily Activities	
FPM	Air and dust monitoring
Associated Env	SV implant installations

Weather Conditions		
	AM	PM
Temperature, estimated (°F)	48	57
Weather Conditions	Cloudy	Cloudy
Prevailing Wind, estimated (mph)	10	10
Wind Gusts?	No	No
Wind Direction	W	W

Monitoring				
	Dust (ug/m^3)		Organic Vapors (ppm)	
Time	Upwind	Downwind	Upwind	Downwind
0845	45	44	0	0
1025	43	41	0	0
1110	45	46	0	0
1145	36	39	0	0
1230	46	44	0	0
1350	39	32	0	0
1430	40	42	0	0

FPM group

DAILY SUMMARY REPORT

Location: 49 Dupont St, Brooklyn, NY **Date: 4/24/15**

Organizations	Staff	Equipment
FPM Group	JB	PID, dust monitor

On-Site Visitors	Purpose
None	

Description of Daily Activities	
FPM	Air and dust monitoring; soil vapor sampling

Weather Conditions		
	AM	PM
Temperature, estimated (°F)	47	58
Weather Conditions	Clear	Clear
Prevailing Wind, estimated (mph)	8	8
Wind Gusts?	No	No
Wind Direction	NW	NW

Monitoring				
	Dust (ug/m^3)		Organic Vapors (ppm)	
Time	Upwind	Downwind	Upwind	Downwind
0750	37	38	0	0
0855	40	41	0	0
1015	36	39	0	0
1105	38	44	0	0
1210	*39*	32	0	0
1315	44	39	0	0

FPM group

DAILY SUMMARY REPORT

Location: 48 Commercial Street **Date: 6/19/15**

Organizations	Staff	Equipment
FPM Group	JB	PID, dust monitor

On-Site Visitors	Purpose
None	

Description of Daily Activities	
FPM	Air and dust monitoring; soil vapor sampling

Weather Conditions		
	AM	PM
Temperature, estimated (°F)	72	82
Weather Conditions	Clear	Clear
Prevailing Wind, estimated (mph)	5-8	5-8
Wind Gusts?	No	No
Wind Direction	NW	NW

Monitoring				
	Dust (ug/m^3)		Organic Vapors (ppm)	
Time	Upwind	Downwind	Upwind	Downwind
0800	29	32	0	0
0955	34	31	0	0
1115	36	31	0	0
1320	37	35	0	0

APPENDIX D

LABORATORY REPORTS AND DUSRS

CENTEK LABORATORIES, LLC

Date: *03-Jun-15*

ANALYTICAL QC SUMMARY REPORT

CLIENT: FPM Group, Ltd.
Work Order: C1504099
Project: 49 Dupont

TestCode: 1ugM3_TO15

Sample ID **ALCS1UGD-050115** SampType: **LCSD** TestCode: **1ugM3_TO15** Units: **ppbV** Prep Date: RunNo: **9625**
Client ID: **ZZZZZ** Batch ID: **R9625** TestNo: **TO-15** Analysis Date: **5/2/2015** SeqNo: **113541**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.200	0.15	1	0	120	70	130	1.21	0.830	30	
1,1,2,2-Tetrachloroethane	1.230	0.15	1	0	123	70	130	1.19	3.31	30	
1,1,2-Trichloroethane	1.110	0.15	1	0	111	70	130	1.13	1.79	30	
1,1-Dichloroethane	1.190	0.15	1	0	119	70	130	1.13	5.17	30	
1,1-Dichloroethene	1.060	0.15	1	0	106	70	130	1.04	1.90	30	
1,2,4-Trichlorobenzene	1.100	0.15	1	0	110	70	130	0.91	18.9	30	
1,2,4-Trimethylbenzene	0.7500	0.15	1	0	75.0	70	130	0.74	1.34	30	
1,2-Dibromoethane	1.210	0.15	1	0	121	70	130	1.19	1.67	30	
1,2-Dichlorobenzene	1.090	0.15	1	0	109	70	130	1.04	4.69	30	
1,2-Dichloroethane	1.100	0.15	1	0	110	70	130	1.04	5.61	30	
1,2-Dichloropropane	1.020	0.15	1	0	102	70	130	0.99	2.99	30	
1,3,5-Trimethylbenzene	0.9500	0.15	1	0	95.0	70	130	0.9	5.41	30	
1,3-butadiene	0.8700	0.15	1	0	87.0	70	130	0.84	3.51	30	
1,3-Dichlorobenzene	1.080	0.15	1	0	108	70	130	1.09	0.922	30	
1,4-Dichlorobenzene	1.130	0.15	1	0	113	70	130	1.1	2.69	30	
1,4-Dioxane	0.7600	0.30	1	0	76.0	70	130	0.74	2.67	30	
2,2,4-trimethylpentane	0.9000	0.15	1	0	90.0	70	130	0.92	2.20	30	
4-ethyltoluene	0.8200	0.15	1	0	82.0	70	130	0.86	4.76	30	
Acetone	0.8200	0.30	1	0	82.0	70	130	0.73	11.6	30	
Allyl chloride	0.8000	0.15	1	0	80.0	70	130	0.78	2.53	30	
Benzene	1.050	0.15	1	0	105	70	130	1.03	1.92	30	
Benzyl chloride	0.7200	0.15	1	0	72.0	70	130	0.8	10.5	30	
Bromodichloromethane	1.200	0.15	1	0	120	70	130	1.15	4.26	30	
Bromoform	1.290	0.15	1	0	129	70	130	1.22	5.58	30	
Bromomethane	1.010	0.15	1	0	101	70	130	0.98	3.02	30	

Qualifiers:
. Results reported are not blank corrected
J Analyte detected at or below quantitation limits
S Spike Recovery outside accepted recovery limits
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1504099
Project: 49 Dupont

TestCode: 1ugM3_TO15

Sample ID ALCS1UGD-050115	SampType: LCSD	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9625
Client ID: ZZZZZ	Batch ID: R9625	TestNo: TO-15		Analysis Date: 5/2/2015	SeqNo: 113541

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	1.180	0.15	1	0	118	70	130	1.11	6.11	30	
Carbon tetrachloride	1.230	0.15	1	0	123	70	130	1.23	0	30	
Chlorobenzene	1.150	0.15	1	0	115	70	130	1.06	8.14	30	
Chloroethane	0.9700	0.15	1	0	97.0	70	130	0.97	0	30	
Chloroform	1.060	0.15	1	0	106	70	130	1.02	3.85	30	
Chloromethane	0.9700	0.15	1	0	97.0	70	130	0.98	1.03	30	
cis-1,2-Dichloroethene	1.030	0.15	1	0	103	70	130	0.99	3.96	30	
cis-1,3-Dichloropropene	1.030	0.15	1	0	103	70	130	0.98	4.98	30	
Cyclohexane	0.9500	0.15	1	0	95.0	70	130	0.95	0	30	
Dibromochloromethane	1.250	0.15	1	0	125	70	130	1.26	0.797	30	
Ethyl acetate	0.9200	0.25	1	0	92.0	70	130	0.71	25.8	30	
Ethylbenzene	0.9600	0.15	1	0	96.0	70	130	0.91	5.35	30	
Freon 11	1.150	0.15	1	0	115	70	130	1.18	2.58	30	
Freon 113	1.190	0.15	1	0	119	70	130	1.13	5.17	30	
Freon 114	1.110	0.15	1	0	111	70	130	1.06	4.61	30	
Freon 12	1.120	0.15	1	0	112	70	130	1.07	4.57	30	
Heptane	0.8400	0.15	1	0	84.0	70	130	0.84	0	30	
Hexachloro-1,3-butadiene	1.250	0.15	1	0	125	70	130	1.06	16.5	30	
Hexane	0.9300	0.15	1	0	93.0	70	130	0.94	1.07	30	
Isopropyl alcohol	0.9400	0.15	1	0	94.0	70	130	0.75	22.5	30	
m&p-Xylene	2.020	0.30	2	0	101	70	130	1.8	11.5	30	
Methyl Butyl Ketone	0.9000	0.30	1	0	90.0	70	130	1.01	11.5	30	
Methyl Ethyl Ketone	0.8900	0.30	1	0	89.0	70	130	0.83	6.98	30	
Methyl Isobutyl Ketone	0.7400	0.30	1	0	74.0	70	130	0.72	2.74	30	
Methyl tert-butyl ether	1.000	0.15	1	0	100	70	130	0.91	9.42	30	
Methylene chloride	0.8700	0.15	1	0	87.0	70	130	0.87	0	30	
o-Xylene	1.090	0.15	1	0	109	70	130	0.95	13.7	30	
Propylene	0.8300	0.15	1	0	83.0	70	130	0.8	3.68	30	
Styrene	0.9700	0.15	1	0	97.0	70	130	0.82	16.8	30	
Tetrachloroethylene	1.250	0.15	1	0	125	70	130	1.26	0.797	30	
Tetrahydrofuran	0.8900	0.15	1	0	89.0	70	130	0.82	8.19	30	

Qualifiers:
. Results reported are not blank corrected
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1504099
Project: 49 Dupont

TestCode: 1ugM3_TO15

Sample ID ALCS1UGD-050115	SampType: LCSD	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9625
Client ID: ZZZZZ	Batch ID: R9625	TestNo: TO-15		Analysis Date: 5/2/2015	SeqNo: 113541

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	1.140	0.15	1	0	114	70	130	1.07	6.33	30	
trans-1,2-Dichloroethene	1.190	0.15	1	0	119	70	130	1.09	8.77	30	
trans-1,3-Dichloropropene	0.9800	0.15	1	0	98.0	70	130	0.93	5.24	30	
Trichloroethene	1.230	0.15	1	0	123	70	130	1.18	4.15	30	
Vinyl acetate	1.030	0.15	1	0	103	70	130	0.95	8.08	30	
Vinyl Bromide	1.120	0.15	1	0	112	70	130	1.07	4.57	30	
Vinyl chloride	1.020	0.15	1	0	102	70	130	0.98	4.00	30	
Surr: Bromofluorobenzene	0.9400	0	1	0	94.0	70	130	0	0	30	

Sample ID ALCS1UGD-050415	SampType: LCSD	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9626
Client ID: ZZZZZ	Batch ID: R9626	TestNo: TO-15		Analysis Date: 5/5/2015	SeqNo: 114676

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.260	0.15	1	0	126	70	130	1.14	10.0	30	
1,1,2,2-Tetrachloroethane	1.140	0.15	1	0	114	70	130	1.26	10.0	30	
1,1,2-Trichloroethane	1.240	0.15	1	0	124	70	130	1.23	0.810	30	
1,1-Dichloroethane	1.170	0.15	1	0	117	70	130	1.14	2.60	30	
1,1-Dichloroethene	1.020	0.15	1	0	102	70	130	1.05	2.90	30	
1,2,4-Trichlorobenzene	0.7900	0.15	1	0	79.0	70	130	0.83	4.94	30	
1,2,4-Trimethylbenzene	0.7800	0.15	1	0	78.0	70	130	0.7	10.8	30	
1,2-Dibromoethane	1.280	0.15	1	0	128	70	130	1.14	11.6	30	
1,2-Dichlorobenzene	0.8800	0.15	1	0	88.0	70	130	1.05	17.6	30	
1,2-Dichloroethane	1.040	0.15	1	0	104	70	130	1.05	0.957	30	
1,2-Dichloropropane	1.050	0.15	1	0	105	70	130	1.16	9.95	30	
1,3,5-Trimethylbenzene	0.7000	0.15	1	0	70.0	70	130	0.81	14.6	30	
1,3-butadiene	0.7900	0.15	1	0	79.0	70	130	0.78	1.27	30	
1,3-Dichlorobenzene	0.9000	0.15	1	0	90.0	70	130	1.06	16.3	30	
1,4-Dichlorobenzene	0.8700	0.15	1	0	87.0	70	130	1.03	16.8	30	
1,4-Dioxane	< 0.30	0.30	1	0	0	70	130	1.29	0	30	S
2,2,4-trimethylpentane	0.8800	0.15	1	0	88.0	70	130	0.91	3.35	30	

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: FPM Group, Ltd.
Work Order: C1504099
Project: 49 Dupont

TestCode: 1ugM3_TO15

Sample ID ALCS1UGD-050415	SampType: LCSD	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9626
Client ID: ZZZZZ	Batch ID: R9626	TestNo: TO-15		Analysis Date: 5/5/2015	SeqNo: 114676

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-ethyltoluene	0.7700	0.15	1	0	77.0	70	130	0.82	6.29	30	
Acetone	0.7600	0.30	1	0	76.0	70	130	0.79	3.87	30	
Allyl chloride	0.7300	0.15	1	0	73.0	70	130	0.96	27.2	30	
Benzene	1.050	0.15	1	0	105	70	130	1.03	1.92	30	
Benzyl chloride	1.070	0.15	1	0	107	70	130	0.8	28.9	30	
Bromodichloromethane	1.250	0.15	1	0	125	70	130	1.25	0	30	
Bromoform	1.270	0.15	1	0	127	70	130	1.27	0	30	
Bromomethane	1.020	0.15	1	0	102	70	130	1.07	4.78	30	
Carbon disulfide	1.090	0.15	1	0	109	70	130	1.11	1.82	30	
Carbon tetrachloride	1.230	0.15	1	0	123	70	130	1.22	0.816	30	
Chlorobenzene	1.100	0.15	1	0	110	70	130	1.04	5.61	30	
Chloroethane	0.9000	0.15	1	0	90.0	70	130	0.83	8.09	30	
Chloroform	1.030	0.15	1	0	103	70	130	1.03	0	30	
Chloromethane	0.9400	0.15	1	0	94.0	70	130	1.07	12.9	30	
cis-1,2-Dichloroethene	0.9700	0.15	1	0	97.0	70	130	0.94	3.14	30	
cis-1,3-Dichloropropene	0.9600	0.15	1	0	96.0	70	130	1.14	17.1	30	
Cyclohexane	0.9000	0.15	1	0	90.0	70	130	0.94	4.35	30	
Dibromochloromethane	1.250	0.15	1	0	125	70	130	1.3	3.92	30	
Ethyl acetate	1.010	0.25	1	0	101	70	130	0.84	18.4	30	
Ethylbenzene	0.9200	0.15	1	0	92.0	70	130	0.94	2.15	30	
Freon 11	1.220	0.15	1	0	122	70	130	1.11	9.44	30	
Freon 113	1.220	0.15	1	0	122	70	130	1.16	5.04	30	
Freon 114	1.080	0.15	1	0	108	70	130	1.1	1.83	30	
Freon 12	1.150	0.15	1	0	115	70	130	1.11	3.54	30	
Heptane	0.8500	0.15	1	0	85.0	70	130	0.91	6.82	30	
Hexachloro-1,3-butadiene	0.8800	0.15	1	0	88.0	70	130	1.26	35.5	30	R
Hexane	0.8600	0.15	1	0	86.0	70	130	0.93	7.82	30	
Isopropyl alcohol	0.7500	0.15	1	0	75.0	70	130	0.87	14.8	30	
m&p-Xylene	1.590	0.30	2	0	79.5	70	130	1.8	12.4	30	
Methyl Butyl Ketone	< 0.30	0.30	1	0	0	70	130	1.46	0	30	S
Methyl Ethyl Ketone	0.7500	0.30	1	0	75.0	70	130	0.79	5.19	30	

Qualifiers:
- . Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1504099
Project: 49 Dupont

TestCode: 1ugM3_TO15

Sample ID ALCS1UGD-050415	SampType: LCSD	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9626
Client ID: ZZZZZ	Batch ID: R9626	TestNo: TO-15		Analysis Date: 5/5/2015	SeqNo: 114676

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl Isobutyl Ketone	< 0.30	0.30	1	0	0	70	130	1.24	0	30	S
Methyl tert-butyl ether	0.9100	0.15	1	0	91.0	70	130	0.89	2.22	30	
Methylene chloride	0.7700	0.15	1	0	77.0	70	130	0.77	0	30	
o-Xylene	0.9000	0.15	1	0	90.0	70	130	1.05	15.4	30	
Propylene	0.9400	0.15	1	0	94.0	70	130	0.81	14.9	30	
Styrene	0.7700	0.15	1	0	77.0	70	130	0.92	17.8	30	
Tetrachloroethylene	1.250	0.15	1	0	125	70	130	1.25	0	30	
Tetrahydrofuran	0.8300	0.15	1	0	83.0	70	130	0.75	10.1	30	
Toluene	1.110	0.15	1	0	111	70	130	1.07	3.67	30	
trans-1,2-Dichloroethene	1.210	0.15	1	0	121	70	130	1.06	13.2	30	
trans-1,3-Dichloropropene	1.030	0.15	1	0	103	70	130	1.04	0.966	30	
Trichloroethene	1.270	0.15	1	0	127	70	130	1.29	1.56	30	
Vinyl acetate	0.8600	0.15	1	0	86.0	70	130	0.96	11.0	30	
Vinyl Bromide	1.140	0.15	1	0	114	70	130	1.07	6.33	30	
Vinyl chloride	0.9600	0.15	1	0	96.0	70	130	0.95	1.05	30	
Surr: Bromofluorobenzene	0.8600	0	1	0	86.0	70	130	0	0	30	

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AM050425.D Vial: 20
Acq On : 5 May 2015 12:28 am Operator: RJP
Sample : ALCS1UGD-050415 Inst : MSD #1
Misc : A415_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 07 13:29:39 2015 Quant Results File: A415_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A415_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Tue Apr 28 11:01:13 2015
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	10.30	128	14067m	1.00	ppb		0.03
35) 1,4-difluorobenzene	12.51	114	61103	1.00	ppb		0.03
50) Chlorobenzene-d5	16.94	117	48890	1.00	ppb		0.03
System Monitoring Compounds							
66) Bromofluorobenzene	18.50	95	32334	0.86	ppb		0.03
Spiked Amount 1.000	Range 70 - 130		Recovery = 86.00%				
Target Compounds							Qvalue
2) Propylene	4.47	41	13220	0.94	ppb		91
3) Freon 12	4.52	85	72410	1.15	ppb		98
4) Chloromethane	4.73	50	17615	0.94	ppb		96
5) Freon 114	4.73	85	56307	1.08	ppb		94
6) Vinyl Chloride	4.95	62	13602	0.96	ppb		93
7) Butane	5.04	43	18608	0.79	ppb		90
8) 1,3-butadiene	5.05	39	12213	0.79	ppb		92
9) Bromomethane	5.42	94	19817	1.02	ppb		95
10) Chloroethane	5.61	64	5589	0.90	ppb	#	88
11) Ethanol	5.75	45	5295	1.03	ppb		80
12) Acrolein	6.37	56	2934	0.76	ppb	#	69
13) Vinyl Bromide	5.96	106	19907	1.14	ppb		95
14) Freon 11	6.23	101	76866	1.22	ppb		98
15) Acetone	6.47	58	6053m	0.76	ppb		
16) Pentane	6.52	42	13903	0.70	ppb		83
17) Isopropyl alcohol	6.59	45	17421m	0.75	ppb		
18) 1,1-dichloroethene	7.02	96	18102	1.02	ppb		95
19) Freon 113	7.22	101	52935	1.22	ppb		95
21) Methylene chloride	7.50	84	12426	0.77	ppb		94
22) Allyl chloride	7.48	41	11638	0.73	ppb	#	92
23) Carbon disulfide	7.67	76	40184	1.09	ppb		95
24) trans-1,2-dichloroethene	8.46	61	20955	1.21	ppb		98
25) methyl tert-butyl ether	8.50	73	39509	0.91	ppb		89
26) 1,1-dichloroethane	8.89	63	33885	1.17	ppb		98
27) Vinyl acetate	8.91	43	21445	0.86	ppb		94
28) Methyl Ethyl Ketone	9.43	72	4587m	0.75	ppb		
29) cis-1,2-dichloroethene	9.84	61	20552	0.97	ppb		94
30) Hexane	9.41	57	19882	0.86	ppb	#	78
31) Ethyl acetate	10.01	43	32431m	1.01	ppb		
32) Chloroform	10.46	83	50232	1.03	ppb		98
33) Tetrahydrofuran	10.66	42	12968m	0.83	ppb		
34) 1,2-dichloroethane	11.56	62	27818	1.04	ppb		99
36) 1,1,1-trichloroethane	11.26	97	58000	1.26	ppb		100
37) Cyclohexane	11.93	56	19923	0.90	ppb	#	62
38) Carbon tetrachloride	11.87	117	68954m	1.23	ppb		
39) Benzene	11.85	78	48601	1.05	ppb		96
40) Methyl methacrylate	13.34	41	8580	0.49	ppb		96
42) 2,2,4-trimethylpentane	12.64	57	62783	0.88	ppb		89
43) Heptane	12.97	43	23969	0.85	ppb		96
44) Trichloroethene	13.12	130	27397	1.27	ppb		96
45) 1,2-dichloropropane	13.22	63	19260	1.05	ppb		99
46) Bromodichloromethane	13.54	83	59590	1.25	ppb		100
47) cis-1,3-dichloropropene	14.30	75	24035	0.96	ppb		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AM050425.D Vial: 20
Acq On : 5 May 2015 12:28 am Operator: RJP
Sample : ALCS1UGD-050415 Inst : MSD #1
Misc : A415_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 07 13:29:39 2015 Quant Results File: A415_1UG.RES

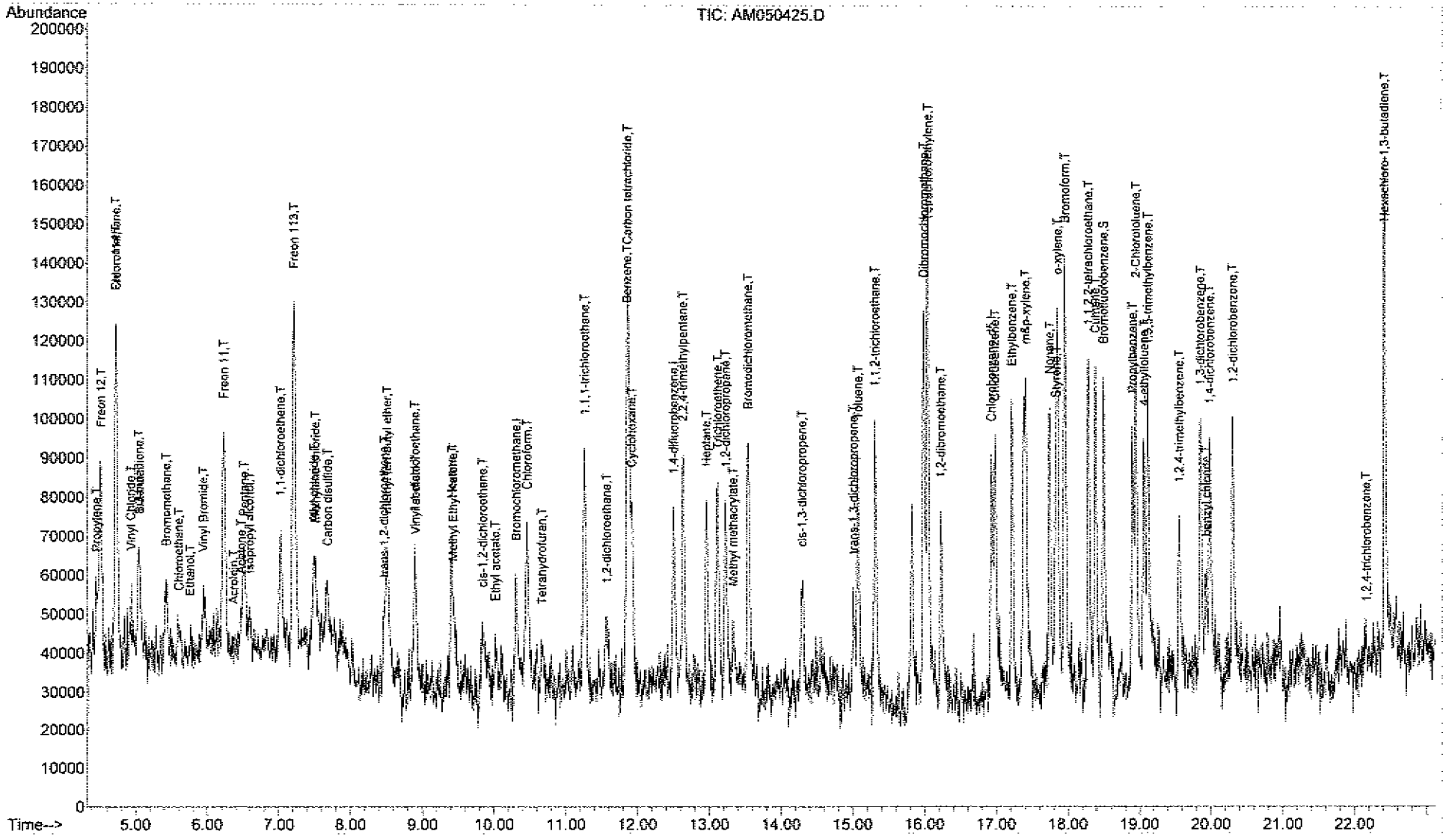
Quant Method : C:\HPCHEM\1\METHODS\A415_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Tue Apr 28 11:01:13 2015
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
48)	trans-1,3-dichloropropene	15.01	75	23940	1.03	ppb	94
49)	1,1,2-trichloroethane	15.31	97	28032	1.24	ppb	97
51)	Toluene	15.07	92	34610	1.11	ppb	95
53)	Dibromochloromethane	15.99	129	59342m	1.25	ppb	
55)	1,2-dibromoethane	16.24	107	41404	1.28	ppb	98
56)	Tetrachloroethylene	16.05	164	33552m	1.25	ppb	
57)	Chlorobenzene	16.99	112	47833	1.10	ppb	99
59)	Ethylbenzene	17.22	91	67053	0.92	ppb	98
60)	m&p-xylene	17.41	91	93994	1.59	ppb	96
61)	Nonane	17.74	43	29012	0.81	ppb	98
62)	Styrene	17.83	104	29955	0.77	ppb	95
63)	Bromoform	17.96	173	64941m	1.27	ppb	
64)	o-xylene	17.86	91	60960	0.90	ppb	100
65)	Cumene	18.38	105	62292	0.75	ppb	97
67)	1,1,2,2-tetrachloroethane	18.29	83	53976	1.14	ppb	99
68)	Propylbenzene	18.91	91	72094m	0.79	ppb	
69)	2-Chlorotoluene	18.95	91	71242m	0.95	ppb	
70)	4-ethyltoluene	19.06	105	55513m	0.77	ppb	
71)	1,3,5-trimethylbenzene	19.12	105	60366m	0.70	ppb	
72)	1,2,4-trimethylbenzene	19.56	105	52097m	0.78	ppb	
73)	1,3-dichlorobenzene	19.86	146	39317	0.90	ppb	98
74)	benzyl chloride	19.93	91	43180m	1.07	ppb	
75)	1,4-dichlorobenzene	20.00	146	34561	0.87	ppb	96
77)	1,2-dichlorobenzene	20.31	146	39964	0.88	ppb	94
78)	1,2,4-trichlorobenzene	22.18	180	14328m	0.79	ppb	
80)	Hexachloro-1,3-butadiene	22.43	225	39520	0.88	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : C:\HPCHEM\1\DATA\AM050425.D Vial: 20
Acq On : 5 May 2015 12:28 am Operator: RJP
Sample : ALCS1UGD-050415 Inst : MSD #1
Misc : A415_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 3 9:47 2015 Quant Results File: A415_1UG.RES

Method : C:\HPCHEM\1\METHODS\A415_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Tue Apr 28 11:01:13 2015
Response via : Initial Calibration



280 Franklin Street, Brooklyn, NY
DATA USABILITY SUMMARY REPORT
April 24, 2015 Soil Vapor / Air Samples (SDG No. C1504099)
Lab Report # C1504099

This data usability summary report (DUSR) was prepared in accordance with ***Appendix 2B*** of New York State Department of Environmental Conservation (NYSDEC) DER-10 using the entire original laboratory report, including the sample data summary report and the extended data package. The sampling event included four primary soil vapor samples, one ambient air sample and associated quality assurance / quality control (QA / QC) samples collected on April 24, 2015.

Sample Collection

The samples were collected in labeled laboratory-provided sample containers; no issues with sample containers or labeling were reported by the laboratory. All of the sample canisters exhibited measurable vacuums at the end of the sampling period.

Sampling procedures, including collection of field QA / QC samples, were reported to have been in accordance with the procedures presented in the NYSDEC-approved Quality Assurance Project Plan (November 2011) for this project. All sample collection was conducted under Chain of Custody (COC) procedures.

Field QA / QC samples, including a blind duplicate sample and a trip blank sample, were collected to evaluate field sampling methods and laboratory procedures.

Sample Analyses

The samples were transmitted to and analyzed by Centek Laboratories, LLC at their Syracuse, New York facility, which is New York State Department of Health-certified for the analyses performed. The samples were prepared and analyzed for volatile organic compounds (VOCs) (including isopropyl alcohol [IPA]) using EPA Method TO-15. The analytical method and analytes are appropriate for the intended use of the data. The sample holding times were met and no problems with sample receipt or handling were reported by the laboratory.

All of the soil vapor samples required dilution for 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2,2,4-trimethylpentane, 4-ethyltoluene, acetone, benzene, carbon disulfide, chloroform, cis-1,2-dichloroethene, cyclohexane, ethyl acetate, ethylbenzene, heptane, hexane, isopropyl alcohol, m&p-xylenes, methyl ethyl ketone, methyl isobutyl ketone, o-xylenes, toluene, tricholoroethene and / or vinyl chloride. The reporting limits have been adjusted accordingly.

QA / QC Results

Surrogate Samples

Surrogate recoveries and internal standard responses were elevated and did not meet criteria for samples C1504099-002, 003, 004 and 005, apparently due to the presence on a non-target, interfering compound(s). The affected samples were analyzed at elevated dilutions and the resulting analyses met criteria. These results indicate that the data are anticipated to be accurate.

Trip Blanks

A trip blank sample was collected on 9/24/15 which was transported with the project sample canisters. Trip blank samples are used to verify that cross-contamination between samples did not occur in the field, in transit or in the laboratory. No VOCs were detected at concentrations exceeding their respective RLs in the trip blank sample. These data indicated that cross contamination between samples did not occur and affect the overall quality of the data set.

Blind Duplicate Samples

A blind duplicate sample was collected and utilized to evaluate the precision of the laboratory analyses. The results from the duplicate sample (SV-1D) and the associated parent sample (SV-1) are very similar for all analytes.

Based on the blind duplicate sample results, the laboratory results are likely to be precise for the remaining VOCs.

Method Blank Samples

Method blank (MB) samples were analyzed by the laboratory to evaluate for the potential for cross contamination associated with the sample preparation and analysis. The MB results did not show concentrations of analytes above their method detection limits and / or the reporting limits. Based upon the MB data, cross contamination associated with sample preparation and analysis does not appear to present a concern.

Laboratory Control Samples and Duplicates

Laboratory control samples (LCSs) and duplicates (LCSDs) were used by the laboratory to verify the accuracy and precision of the analyses. The original laboratory data package included the incorrect LCSD package for ALCCS1UGD-050415. The revised LCSD printout attached to this DUSR has been revised and should be attached to the original data package with the original data excerpted. The LCS / LCSD results were all within established guidelines, with the following exception:

- The spike recovery (%REC) failed limit in the LCS for ALCS1UG-050415 for methyl butyl ketone (high %REC).

- The spike recovery or the Relative Percent Difference (%RPD) failed limits in the LCSD for ALCS1UG-050415 for the following three VOCs: 1,4-dioxane (low %REC), hexachloro-1,3-butadiene (high %RPD) and methyl butyl ketone (low %REC).

Based upon the LCS / LCSD results, and as none of the VOCs which exhibited LCS / LCSD excursions were detected in any of the samples, the data do not appear to have been significantly affected by laboratory-related accuracy or precision issues.

Questions and Responses as per DER-10

1. Is the data package complete as defined under the current requirements for the NYSDEC ASP Category B or USEPA CLP deliverables?

   The data package is complete. The external and internal chain of custody forms are present and complete. The case narrative and sample analysis summaries are present and complete. The analytical QA / QC summary forms, including surrogate recovery forms, LCS forms, IDL forms, initial and continuing calibration summary forms, standards raw data, tuning criteria report, and MB data are all present and complete. The data report forms, including sample prep logs, injection logs, and examples of the calculations used to determine the sample concentrations are all present and complete. The raw data used to identify and quantify the contract-specified analytes are present and complete.

2. Have all holding times been met?

   All samples were received and analyzed within the EPA-recommended holding times for the analyses performed.

3. Do all the QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data, fall within the protocol-required limits and specifications?

   No – Although the majority of QC data were found to fall within the protocol-required limits and specifications, minor exceptions were noted above; however, these exceptions do not appear to significantly affect the data set.

4. Have all of the data been generated using established and agreed-upon analytical protocols?

   Yes - all of the data were generated using TO-15 for VOCs.

5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

   Yes – a representative number of raw data results were compared with the reported data results to confirm that the reported analytical results (identification and quantification) are substantiated by the raw data.

6. Have the correct data qualifiers been used?

   Yes – results below the quantitation limit and above the method detection limit have been J-qualified and results analyzed for but not detected have been U-qualified.

7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheets from the data package been attached to the DUSR?

   Yes – exceedances have been noted in the DUSR and the corresponding QC summary sheets are attached.

Conclusions

The soil vapor / air samples were reported to have been collected in accordance with the NYSDEC-approved QAPP for this project. No field or laboratory conditions occurred that would result in non-valid analytical data other than as noted above. The data appear to be adequate for their intended purpose.

Attachments

TABLE 3.2.4.1
SOIL VAPOR ANALYTICAL DATA - APRIL 2015
FORMER NUHART PLASTIC MANUFACTURING FACILITY, SITE #224136
280 FRANKLIN STREET, BROOKLYN, NEW YORK

Sample Number	SV-1	SV-1D (duplicate)	SV-2	SV-3	SV-4	Trip Blank	Ambient	Indoor Air Background Levels, Commercial *
Volatile Organic Compounds in micrograms per cubic meter								
1,1,1-Trichloroethane	ND	ND	2.1	ND	ND	ND	ND	2.6 - 33.0
1,2,4-Trimethylbenzene	9.8	11	9.3	9.8	190	ND	ND	1.7 - 13.7
1,3,5-Trimethylbenzene	2.3	2.3	2.9	3.3	83	ND	ND	ND - 4.6
2,2,4-Trimethylpentane	38	43	76	8.9	44	ND	ND	-
4-Ethyltoluene	3.7	3.8	5.5	5.9	110	ND	ND	ND - 5.9
Acetone	100	120	490	510	570	ND	12	32.4 - 120.2
Benzene	1,600	1,600	19	11	41	ND	0.45 J	2.1 - 12.5
Bromodichloromethane	ND	ND	0.80 J	ND	ND	ND	ND	-
Carbon disulfide	0.84	1.1	17	8.7	15	ND	ND	ND - 6.4
Carbon tetrachloride	ND	ND	ND	ND	0.69 J	ND	0.75 J	ND - 0.7
Chloroform	ND	ND	16	ND	1.2	ND	ND	ND - 1.4
Chloromethane	ND	ND	ND	0.85	ND	ND	0.87	2.1 - 4.4
cis-1,2-Dichloroethene	11	11	3.2	ND	ND	ND	ND	ND
Cyclohexane	38	42	7.9	3.6	8.3	ND	ND	-
Ethyl acetate	6.8 J	5.8 J	20	120	160	ND	0.54 J	ND - 9.5
Ethylbenzene	11	10	48	14	330	ND	ND	ND - 7.6
Freon 11 (Trichlorofluoromethane)	ND	ND	1.7	1.6	5.7	ND	1.7	ND - 54.0
Freon 113 (Trichlorotrifluoroethane)	ND	ND	1.8	ND	ND	ND	ND	ND - 1.8
Freon 12 (Dichlorodifluoromethane)	ND	ND	2.2	2.9	2.4	ND	2.9	4.8 - 32.9
Heptane	25	27	40	20	32	ND	0.49 J	ND - 3.1
Hexane	74	78	25	ND	ND	ND	ND	1.6 - 15.2
Isopropyl alcohol	ND	ND	ND	49	53	ND	1.5	-
Xylene (m,p)	37	31	100	42	1,200	ND	ND	4.1 - 28.5
Methyl Ethyl Ketone	ND	ND	56	55	50	ND	1.1	3.3 - 13.5
Methyl Isobutyl Ketone	ND	ND	23	9.4 J	10 J	ND	ND	-
Methylene chloride	ND	ND	4.0	3.8	4.9	ND	0.80	ND - 16.0
Xylene (o)	11	10	25	12	520	ND	ND	ND - 11.2
Tetrachloroethylene	8.7	8.9	7.9	0.88 J	ND	ND	ND	ND - 25.4
Toluene	60	56	240	80	1,100	ND	2.9	10.7 - 70.8
Trichloroethene	140	120	1,100	0.81	ND	ND	ND	ND - 6.5
Vinyl Chloride	44	43	ND	ND	ND	ND	ND	ND

Notes:

Only compounds detected in one or more samples are reported. See laboratory report for complete data.

ND = Not detected.

J = Analyte detected at or below quantitation limits.

- = Background concentration not established.

CENTEK LABORATORIES, LLC

Date: *01-Jun-15*

CLIENT: FPM Group, Ltd.
Project: 49 Dupont
Lab Order: C1504099

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Compendium of Methods for the Detetmination of Toxic Organic Compounds, Compendium Method TO-15, January 1999 and Centek Laboratories, LLC SOP TS-80:

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the corrective action report(s). All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination.

NYSDEC ASP samples:
Canisters should be evacuated to a reading of less than or equal to 50 millitorr prior to shipment to sampling personnel. The vacuum in the canister will be field checked prior to sampling, and must read 28" of Hg (±2", vacuum, absolute) before a sample can be collected. After the sample has been collected, the pressure of the canister will be read and recorded again, and must be 5" of Hg (±1", vacuum, absolute) for the sample to be valid. Once received at the laboratory, the canister vacuum should be confirmed to be 5" of Hg,±1". Please record and report the pressure/vacuum of received canisters on the sample receipt paperwork. A pressure/vacuum reading should also be taken just prior to the withdrawal of sample from the canister, and recorded on the sample preparation log sheet. All regulators are calibrated to meet these requirements before they leave the laboratory. However, due to environmental conditions and use of the equipment Centek can not guarantee that this criteria can always be achieved.

See Corrective Action: [3213] IS did not meet criteria.

CENTEK LABORATORIES, LLC

Sample Receipt Checklist

Client Name FPM - RONKONKOMA | Date and Time Receive 4/30/2015

Work Order Numbe C1504089 | Received by NM

Checklist completed by [signature] 4-30-15 (Signature / Date) | Reviewed by WD 4/30/15 (Initials / Date)

Matrix: | Carrier name: FedEx Ground

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Presen ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Presen ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Presen ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☑	

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Dilutions

Centek Laboratories, LLC

Date: 21-May-15

CLIENT: FPM Group, Ltd.
Client Sample ID: SV-1
Lab Order: C1504099
Tag Number: 129.172
Project: 49 Dupont
Collection Date: 4/24/2015
Lab ID: C1504099-002A
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/1/2015 5:39:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/1/2015 5:39:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/1/2015 5:39:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/1/2015 5:39:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	5/1/2015 5:39:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	5/1/2015 5:39:00 PM
1,2,4-Trimethylbenzene	9.8	0.74		ug/m3	1	5/1/2015 5:39:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/1/2015 5:39:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/1/2015 5:39:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/1/2015 5:39:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/1/2015 5:39:00 PM
1,3,5-Trimethylbenzene	2.3	0.74		ug/m3	1	5/1/2015 5:39:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/1/2015 5:39:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/1/2015 5:39:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/1/2015 5:39:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	5/1/2015 5:39:00 PM
2,2,4-trimethylpentane	38	7.0		ug/m3	10	5/1/2015 9:22:00 PM
4-ethyltoluene	3.7	0.74		ug/m3	1	5/1/2015 5:39:00 PM
Acetone	100	28		ug/m3	40	5/1/2015 9:59:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/1/2015 5:39:00 PM
Benzene	1600	130		ug/m3	270	5/4/2015 8:54:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/1/2015 5:39:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/1/2015 5:39:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/1/2015 5:39:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/1/2015 5:39:00 PM
Carbon disulfide	0.84	0.47		ug/m3	1	5/1/2015 5:39:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	5/1/2015 5:39:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/1/2015 5:39:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/1/2015 5:39:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/1/2015 5:39:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	5/1/2015 5:39:00 PM
cis-1,2-Dichloroethene	11	0.59		ug/m3	1	5/1/2015 5:39:00 PM
cis-1,3-Dichloropropene	< 0.66	0.66		ug/m3	1	5/1/2015 5:39:00 PM
Cyclohexane	36	5.2		ug/m3	10	5/1/2015 9:22:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/1/2015 5:39:00 PM
Ethyl acetate	6.8	9.0	J	ug/m3	10	5/1/2015 9:22:00 PM
Ethylbenzene	11	6.5		ug/m3	10	5/1/2015 9:22:00 PM
Freon 11	< 0.84	0.84		ug/m3	1	5/1/2015 5:39:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/1/2015 5:39:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/1/2015 5:39:00 PM

Qualifiers:
** Reporting Limit
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
JN Non-routine analyte. Quantitation estimated.
S Spike Recovery outside accepted recovery limits
. Results reported are not blank corrected
E Value above quantitation range
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: *21-May-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-1
Lab Order:	C1504099	**Tag Number:**	129.172
Project:	49 Dupont	**Collection Date:**	4/24/2015
Lab ID:	C1504099-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: RJP
Freon 12	< 0.74	0.74		ug/m3	1	5/1/2015 5:39:00 PM
Heptane	25	6.1		ug/m3	10	5/1/2015 9:22:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	5/1/2015 5:39:00 PM
Hexane	74	5.3		ug/m3	10	5/1/2015 9:22:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	5/1/2015 5:39:00 PM
m&p-Xylene	37	13		ug/m3	10	5/1/2015 9:22:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/1/2015 5:39:00 PM
Methyl Ethyl Ketone	< 0.88	0.88		ug/m3	1	5/1/2015 5:39:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	5/1/2015 5:39:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/1/2015 5:39:00 PM
Methylene chloride	< 0.52	0.52		ug/m3	1	5/1/2015 5:39:00 PM
o-Xylene	11	6.5		ug/m3	10	5/1/2015 9:22:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/1/2015 5:39:00 PM
Styrene	< 0.64	0.64		ug/m3	1	5/1/2015 5:39:00 PM
Tetrachloroethylene	8.7	1.0		ug/m3	1	5/1/2015 5:39:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	5/1/2015 5:39:00 PM
Toluene	60	5.7		ug/m3	10	5/1/2015 9:22:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/1/2015 5:39:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/1/2015 5:39:00 PM
Trichloroethene	140	32		ug/m3	40	5/1/2015 9:59:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/1/2015 5:39:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/1/2015 5:39:00 PM
Vinyl chloride	44	3.8		ug/m3	10	5/1/2015 9:22:00 PM

Qualifiers:	** Reporting Limit	.	Results reported are not blank corrected
	B Analyte detected in the associated Method Blank	E	Value above quantitation range
	H Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *21-May-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-1D
Lab Order:	C1504099	**Tag Number:**	1189.172
Project:	49 Dupont	**Collection Date:**	4/24/2015
Lab ID:	C1504099-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/1/2015 6:17:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/1/2015 6:17:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/1/2015 6:17:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/1/2015 6:17:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	5/1/2015 6:17:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	5/1/2015 6:17:00 PM
1,2,4-Trimethylbenzene	11	0.74		ug/m3	1	5/1/2015 6:17:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/1/2015 6:17:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/1/2015 6:17:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/1/2015 6:17:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/1/2015 6:17:00 PM
1,3,5-Trimethylbenzene	2.3	0.74		ug/m3	1	5/1/2015 6:17:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/1/2015 6:17:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/1/2015 6:17:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/1/2015 6:17:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	5/1/2015 6:17:00 PM
2,2,4-trimethylpentane	43	0.70		ug/m3	1	5/1/2015 6:17:00 PM
4-ethyltoluene	3.8	0.74		ug/m3	1	5/1/2015 6:17:00 PM
Acetone	120	28		ug/m3	40	5/1/2015 11:11:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/1/2015 6:17:00 PM
Benzene	1600	130		ug/m3	270	5/4/2015 9:30:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/1/2015 6:17:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/1/2015 6:17:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/1/2015 6:17:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/1/2015 6:17:00 PM
Carbon disulfide	1.1	0.47		ug/m3	1	5/1/2015 6:17:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	5/1/2015 6:17:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/1/2015 6:17:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/1/2015 6:17:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/1/2015 6:17:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	5/1/2015 6:17:00 PM
cis-1,2-Dichloroethene	11	5.9		ug/m3	10	5/1/2015 10:35:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/1/2015 6:17:00 PM
Cyclohexane	42	5.2		ug/m3	10	5/1/2015 10:35:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/1/2015 6:17:00 PM
Ethyl acetate	5.8	9.0	J	ug/m3	10	5/1/2015 10:35:00 PM
Ethylbenzene	10	6.5		ug/m3	10	5/1/2015 10:35:00 PM
Freon 11	< 0.84	0.84		ug/m3	1	5/1/2015 6:17:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/1/2015 6:17:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/1/2015 6:17:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *21-May-15*

CLIENT:	FPM Group, Ltd.	Client Sample ID:	SV-1D
Lab Order:	C1504099	Tag Number:	1189.172
Project:	49 Dupont	Collection Date:	4/24/2015
Lab ID:	C1504099-003A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: RJP
Freon 12	< 0.74	0.74		ug/m3	1	5/1/2015 6:17:00 PM
Heptane	27	6.1		ug/m3	10	5/1/2015 10:35:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	5/1/2015 6:17:00 PM
Hexane	78	5.3		ug/m3	10	5/1/2015 10:35:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	5/1/2015 6:17:00 PM
m&p-Xylene	31	13		ug/m3	10	5/1/2015 10:35:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/1/2015 6:17:00 PM
Methyl Ethyl Ketone	< 0.88	0.88		ug/m3	1	5/1/2015 6:17:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	5/1/2015 6:17:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/1/2015 6:17:00 PM
Methylene chloride	< 0.52	0.52		ug/m3	1	5/1/2015 6:17:00 PM
o-Xylene	10	6.5		ug/m3	10	5/1/2015 10:35:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/1/2015 6:17:00 PM
Styrene	< 0.64	0.64		ug/m3	1	5/1/2015 6:17:00 PM
Tetrachloroethylene	8.9	1.0		ug/m3	1	5/1/2015 6:17:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	5/1/2015 6:17:00 PM
Toluene	56	5.7		ug/m3	10	5/1/2015 10:35:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/1/2015 6:17:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/1/2015 6:17:00 PM
Trichloroethene	120	32		ug/m3	40	5/1/2015 11:11:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/1/2015 6:17:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/1/2015 6:17:00 PM
Vinyl chloride	43	3.8		ug/m3	10	5/1/2015 10:35:00 PM

Qualifiers:

**	Reporting Limit	-	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *21-May-15*

CLIENT:	FPM Group, Ltd.	Client Sample ID:	SV-2
Lab Order:	C1504099	Tag Number:	1181.145
Project:	49 Dupont	Collection Date:	4/24/2015
Lab ID:	C1504099-004A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	2.1	0.82		ug/m3	1	5/1/2015 6:54:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/1/2015 6:54:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/1/2015 6:54:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/1/2015 6:54:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	5/1/2015 6:54:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	5/1/2015 6:54:00 PM
1,2,4-Trimethylbenzene	9.3	7.4		ug/m3	10	5/1/2015 11:47:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/1/2015 6:54:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/1/2015 6:54:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/1/2015 6:54:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/1/2015 6:54:00 PM
1,3,5-Trimethylbenzene	2.9	0.74		ug/m3	1	5/1/2015 6:54:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/1/2015 6:54:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/1/2015 6:54:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/1/2015 6:54:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	5/1/2015 6:54:00 PM
2,2,4-trimethylpentane	76	7.0		ug/m3	10	5/1/2015 11:47:00 PM
4-ethyltoluene	5.5	0.74		ug/m3	1	5/1/2015 6:54:00 PM
Acetone	490	64		ug/m3	90	5/4/2015 10:06:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/1/2015 6:54:00 PM
Benzene	19	4.8		ug/m3	10	5/1/2015 11:47:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/1/2015 6:54:00 PM
Bromodichloromethane	0.80	1.0	J	ug/m3	1	5/1/2015 6:54:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/1/2015 6:54:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/1/2015 6:54:00 PM
Carbon disulfide	17	4.7		ug/m3	10	5/1/2015 11:47:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	5/1/2015 6:54:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/1/2015 6:54:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/1/2015 6:54:00 PM
Chloroform	16	7.3		ug/m3	10	5/1/2015 11:47:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	5/1/2015 6:54:00 PM
cis-1,2-Dichloroethene	3.2	0.59		ug/m3	1	5/1/2015 6:54:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/1/2015 6:54:00 PM
Cyclohexane	7.9	5.2		ug/m3	10	5/1/2015 11:47:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/1/2015 6:54:00 PM
Ethyl acetate	20	9.0		ug/m3	10	5/1/2015 11:47:00 PM
Ethylbenzene	48	6.5		ug/m3	10	5/1/2015 11:47:00 PM
Freon 11	1.7	0.84		ug/m3	1	5/1/2015 6:54:00 PM
Freon 113	1.8	1.1		ug/m3	1	5/1/2015 6:54:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/1/2015 6:54:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *21-May-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-2
Lab Order:	C1504099	**Tag Number:**	1181.145
Project:	49 Dupont	**Collection Date:**	4/24/2015
Lab ID:	C1504099-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: RJP
Freon 12	2.2	0.74		ug/m3	1	5/1/2015 6:54:00 PM
Heptane	40	6.1		ug/m3	10	5/1/2015 11:47:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	5/1/2015 6:54:00 PM
Hexane	25	5.3		ug/m3	10	5/1/2015 11:47:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	5/1/2015 6:54:00 PM
m&p-Xylene	100	13		ug/m3	10	5/1/2015 11:47:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/1/2015 6:54:00 PM
Methyl Ethyl Ketone	56	8.8		ug/m3	10	5/1/2015 11:47:00 PM
Methyl Isobutyl Ketone	23	12		ug/m3	10	5/1/2015 11:47:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/1/2015 6:54:00 PM
Methylene chloride	4.0	0.52		ug/m3	1	5/1/2015 6:54:00 PM
o-Xylene	25	6.5		ug/m3	10	5/1/2015 11:47:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/1/2015 6:54:00 PM
Styrene	< 0.64	0.64		ug/m3	1	5/1/2015 6:54:00 PM
Tetrachloroethylene	7.9	1.0		ug/m3	1	5/1/2015 6:54:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	5/1/2015 6:54:00 PM
Toluene	240	23		ug/m3	40	5/2/2015 12:23:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/1/2015 6:54:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/1/2015 6:54:00 PM
Trichloroethene	1100	75		ug/m3	90	5/4/2015 10:05:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/1/2015 6:54:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/1/2015 6:54:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	5/1/2015 6:54:00 PM

Qualifiers:	**	Reporting Limit	- Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits	

Centek Laboratories, LLC

Date: *21-May-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-3
Lab Order:	C1504099	**Tag Number:**	367.146
Project:	49 Dupont	**Collection Date:**	4/24/2015
Lab ID:	C1504099-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/1/2015 7:32:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/1/2015 7:32:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/1/2015 7:32:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/1/2015 7:32:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	5/1/2015 7:32:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	5/1/2015 7:32:00 PM
1,2,4-Trimethylbenzene	9.8	7.4		ug/m3	10	5/2/2015 12:59:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/1/2015 7:32:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/1/2015 7:32:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/1/2015 7:32:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/1/2015 7:32:00 PM
1,3,5-Trimethylbenzene	3.3	0.74		ug/m3	1	5/1/2015 7:32:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/1/2015 7:32:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/1/2015 7:32:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/1/2015 7:32:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	5/1/2015 7:32:00 PM
2,2,4-trimethylpentane	8.9	7.0		ug/m3	10	5/2/2015 12:59:00 AM
4-ethyltoluene	5.9	0.74		ug/m3	1	5/1/2015 7:32:00 PM
Acetone	510	190		ug/m3	270	5/4/2015 10:41:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/1/2015 7:32:00 PM
Benzene	11	4.8		ug/m3	10	5/2/2015 12:59:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/1/2015 7:32:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/1/2015 7:32:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/1/2015 7:32:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/1/2015 7:32:00 PM
Carbon disulfide	6.7	4.7		ug/m3	10	5/2/2015 12:59:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	5/1/2015 7:32:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/1/2015 7:32:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/1/2015 7:32:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/1/2015 7:32:00 PM
Chloromethane	0.85	0.31		ug/m3	1	5/1/2015 7:32:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/1/2015 7:32:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/1/2015 7:32:00 PM
Cyclohexane	3.6	0.52		ug/m3	1	5/1/2015 7:32:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/1/2015 7:32:00 PM
Ethyl acetate	120	36		ug/m3	40	5/2/2015 1:35:00 AM
Ethylbenzene	14	6.5		ug/m3	10	5/2/2015 12:59:00 AM
Freon 11	1.6	0.84		ug/m3	1	5/1/2015 7:32:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/1/2015 7:32:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/1/2015 7:32:00 PM

Qualifiers:
- **: Reporting Limit
- B: Analyte detected in the associated Method Blank
- H: Holding times for preparation or analysis exceeded
- JN: Non-routine analyte. Quantitation estimated
- S: Spike Recovery outside accepted recovery limits
- -: Results reported are not blank corrected
- E: Value above quantitation range
- J: Analyte detected at or below quantitation limits
- ND: Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: 21-May-15

CLIENT:	FPM Group, Ltd.	Client Sample ID:	SV-3
Lab Order:	C1504099	Tag Number:	367146
Project:	49 Dupont	Collection Date:	4/24/2015
Lab ID:	C1504099-005A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Freon 12	2.9	0.74		ug/m3	1	5/1/2015 7:32:00 PM
Heptane	20	6.1		ug/m3	10	5/2/2015 12:59:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	5/1/2015 7:32:00 PM
Hexane	< 0.53	0.53		ug/m3	1	5/1/2015 7:32:00 PM
Isopropyl alcohol	49	3.7		ug/m3	10	5/2/2015 12:59:00 AM
m&p-Xylene	42	13		ug/m3	10	5/2/2015 12:59:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/1/2015 7:32:00 PM
Methyl Ethyl Ketone	55	8.8		ug/m3	10	5/2/2015 12:59:00 AM
Methyl Isobutyl Ketone	9.4	12	J	ug/m3	10	5/2/2015 12:59:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/1/2015 7:32:00 PM
Methylene chloride	3.8	0.52		ug/m3	1	5/1/2015 7:32:00 PM
o-Xylene	12	6.5		ug/m3	10	5/2/2015 12:59:00 AM
Propylene	< 0.26	0.26		ug/m3	1	5/1/2015 7:32:00 PM
Styrene	< 0.64	0.64		ug/m3	1	5/1/2015 7:32:00 PM
Tetrachloroethylene	0.88	1.0	J	ug/m3	1	5/1/2015 7:32:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	5/1/2015 7:32:00 PM
Toluene	80	23		ug/m3	40	5/2/2015 1:35:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/1/2015 7:32:00 PM
trans-1,3-Dichloropropene	< 0.66	0.66		ug/m3	1	5/1/2015 7:32:00 PM
Trichloroethene	0.81	0.81		ug/m3	1	5/1/2015 7:32:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/1/2015 7:32:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/1/2015 7:32:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	5/1/2015 7:32:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-May-15

CLIENT: FPM Group, Ltd.
Lab Order: C1504099
Project: 49 Dupont
Lab ID: C1504099-006A

Client Sample ID: SV-4
Tag Number: 419.176
Collection Date: 4/24/2015
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/1/2015 8:10:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/1/2015 8:10:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/1/2015 8:10:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/1/2015 8:10:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	5/1/2015 8:10:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	5/1/2015 8:10:00 PM
1,2,4-Trimethylbenzene	190	29		ug/m3	40	5/2/2015 2:46:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/1/2015 8:10:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/1/2015 8:10:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/1/2015 8:10:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/1/2015 8:10:00 PM
1,3,5-Trimethylbenzene	83	29		ug/m3	40	5/2/2015 2:46:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/1/2015 8:10:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/1/2015 8:10:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/1/2015 8:10:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	5/1/2015 8:10:00 PM
2,2,4-trimethylpentane	44	7.0		ug/m3	10	5/2/2015 2:10:00 AM
4-ethyltoluene	110	29		ug/m3	40	5/2/2015 2:46:00 AM
Acetone	570	190		ug/m3	270	5/5/2015 7:19:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/1/2015 8:10:00 PM
Benzene	41	4.8		ug/m3	10	5/2/2015 2:10:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/1/2015 8:10:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/1/2015 8:10:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/1/2015 8:10:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/1/2015 8:10:00 PM
Carbon disulfide	15	4.7		ug/m3	10	5/2/2015 2:10:00 AM
Carbon tetrachloride	0.69	0.94	J	ug/m3	1	5/1/2015 8:10:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/1/2015 8:10:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/1/2015 8:10:00 PM
Chloroform	1.2	0.73		ug/m3	1	5/1/2015 8:10:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	5/1/2015 8:10:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/1/2015 8:10:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/1/2015 8:10:00 PM
Cyclohexane	8.3	5.2		ug/m3	10	5/2/2015 2:10:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/1/2015 8:10:00 PM
Ethyl acetate	160	36		ug/m3	40	5/2/2015 2:46:00 AM
Ethylbenzene	330	170		ug/m3	270	5/5/2015 7:19:00 AM
Freon 11	5.7	0.84		ug/m3	1	5/1/2015 8:10:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/1/2015 8:10:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/1/2015 8:10:00 PM

Qualifiers:
** Reporting Limit
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
JN Non-routine analyte. Quantitation estimated.
S Spike Recovery outside accepted recovery limits
. Results reported are not blank corrected
E Value above quantitation range
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: *21-May-15*

CLIENT:	FPM Group, Ltd.	Client Sample ID:	SV-4
Lab Order:	C1504099	Tag Number:	419.176
Project:	49 Dupont	Collection Date:	4/24/2015
Lab ID:	C1504099-006A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: RJP
Freon 12	2.4	0.74		ug/m3	1	5/1/2015 8:10:00 PM
Heptane	92	8.1		ug/m3	10	5/2/2015 2:10:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	5/1/2015 8:10:00 PM
Hexane	< 0.53	0.53		ug/m3	1	5/1/2015 8:10:00 PM
Isopropyl alcohol	53	3.7		ug/m3	10	5/2/2015 2:10:00 AM
m&p-Xylene	1200	350		ug/m3	270	5/5/2015 7:19:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/1/2015 8:10:00 PM
Methyl Ethyl Ketone	50	8.8		ug/m3	10	5/2/2015 2:10:00 AM
Methyl Isobutyl Ketone	10	12	J	ug/m3	10	5/2/2015 2:10:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/1/2015 8:10:00 PM
Methylene chloride	4.9	0.52		ug/m3	1	5/1/2015 8:10:00 PM
o-Xylene	520	170		ug/m3	270	5/5/2015 7:19:00 AM
Propylene	< 0.26	0.26		ug/m3	1	5/1/2015 8:10:00 PM
Styrene	< 0.64	0.64		ug/m3	1	5/1/2015 8:10:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/1/2015 8:10:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	5/1/2015 8:10:00 PM
Toluene	1100	150		ug/m3	270	5/5/2015 7:19:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/1/2015 8:10:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/1/2015 8:10:00 PM
Trichloroethene	< 0.81	0.81		ug/m3	1	5/1/2015 8:10:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/1/2015 8:10:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/1/2015 8:10:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	5/1/2015 8:10:00 PM

Qualifiers:

- **: Reporting Limit
- B: Analyte detected in the associated Method Blank
- H: Holding times for preparation or analysis exceeded
- N: Non-routine analyte. Quantitation estimated.
- S: Spike Recovery outside accepted recovery limits
- Results reported are not blank corrected
- E: Value above quantitation range
- J: Analyte detected at or below quantitation limits
- ND: Not Detected at the Reporting Limit

Centek Laboratories, LLC

Corrective Action Report

Date Initiated: 01-May-15 **Corrective Action Report ID:** 3213

Initiated By: Russell Pellegrino **Department:** MSVOA

Corrective Action Description

CAR Summary: IS did not meet criteria.

Description of Nonconformance Root/Cause(s): IS was high and did not meet criteria for samples C1504099-002,003,004 & 006. Based on the chromatographic evidence, it appears that the contamination is from a high concentration of interfering compounds.

Description of Corrective Action w/Proposed C.A.: SampleS were analyzed further as dilutions with criteria being met. Due to matrix being in a canister it is difficult to see any signs of problems. All sets of data submitted.

Performed By: Russell Pellegrino **Completion Date:** 05-May-15

Client Notification

Client Notification Required: No **Notified By:**

Comment:

Quality Assurance Review

Nonconformance Type: Deficiency

Further Action required by QA: Monitor IS for poor matrix. At this time no further corrective action taken. All sets of data submitted

Approval and Closure

Technical Director / Deputy Tech. Dir.: William Dobbin **Close Date:** 06-May-15

QA Officer Approval: Nick Scala **QA Date:** 06-May-15

Last Updated BY russ Updated: 01-Jun-2015 12:33 PM Reported: 01-Jun-2015 12:33 P

Date: 21-May-15

CENTEK LABORATORIES, LLC

QC SUMMARY REPORT
SURROGATE RECOVERIES

CLIENT: FPM Group, Ltd.
Work Order: C1504099
Project: 49 Dupont
Test No: TO-15 **Matrix:** A

Sample ID	BR4FBZ
ALCS1UG-050115	105
ALCS1UG-050415	94.0
ALCS1UGD-050115	94.0
ALCS1UGD-050415	86.0
AMB1UG-050115	81.0
AMB1UG-050415	88.0
C1504099-001A	83.0
C1504099-002A	122
C1504099-003A	102
C1504099-004A	97.0
C1504099-005A	117
C1504099-006A	111
C1504099-007A	81.0

Acronym		Surrogate	QC Limits
BR4FBZ	=	Bromofluorobenzene	70-130

* Surrogate recovery outside acceptance limits

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA\AM050103.D
Tune Time : 1 May 2015 10:10 am

Daily Calibration File : C:\HPCHEM\1\DATA\AM050103.D

			(BFB)	(IS1)	(IS2)	(IS3)
				17808	81496	61655
File	Sample	DL	Surrogate Recovery %	Internal Standard Responses		
AM050104.D	ALCS1UG-050115		105	17447	77030	60744
AM050105.D	AMB1UG-050115		81	15595	62640	47384
AM050110.D	C1504099-007A		81	15334	62037	46022
AM050111.D	C1504099-001A		83	14616	66318	51037
AM050112.D	C1504099-002A		122	20408	98283	95158*
AM050113.D	C1504099-003A		102	21360	98898	94607*
AM050114.D	C1504099-004A		97	20828	89196	90732*
AM050115.D	C1504099-005A		117	20035	84269	75570
AM050116.D	C1504099-006A		111	18802	84766	87188*
AM050117.D	C1504099-001A	5X	90	14398	63583	49940
AM050118.D	C1504099-002A	10X	106	18170	79711	57449
AM050119.D	C1504099-002A	40X	94	15328	66707	45018
AM050120.D	C1504099-003A	10X	110	17287	77731	62141
AM050121.D	C1504099-003A	40X	83	15606	65921	49749
AM050122.D	C1504099-004A	10X	103	16452	77031	65153
AM050123.D	C1504099-004A	40X	95	15248	67933	49674
AM050124.D	C1504099-005A	10X	123	15548	71148	56243
AM050125.D	C1504099-005A	40X	100	13970	70741	48214
AM050126.D	C1504099-006A	10X	107	17553	72924	69942
AM050127.D	C1504099-006A	40X	96	15473	66614	56005
AM050128.D	ALCS1UGD-050115		94	16055	73363	55803

t - fails 24hr time check * - fails criteria

Created: Thu May 21 09:12:38 2015 MSD #1/

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA\AM050403.D
Tune Time : 4 May 2015 9:33 am

Daily Calibration File : C:\HPCHEM\1\DATA\AM050403.D

	(BFB)		(IS1)	(IS2)	(IS3)
			25335	77554	57808

File	Sample	DL	Surrogate Recovery %	Internal Standard Responses		
AM050404.D	ALCS1UG-050415	94		16250	74324	55543
AM050405.D	AMB1UG-050415	88		12113	52611	42625
AM050418.D	C1504099-001A 10X	76		11874	47836	41898
AM050419.D	C1504099-002A 270X	78		12435	54550	39407
AM050420.D	C1504099-003A 270X	92		11847	48603	33062*
AM050421.D	C1504099-004A 90X	97		12247	46890	36529
AM050422.D	C1504099-005A 270X	79		9957	46757	37722
AM050425.D	ALCS1UGD-050415	86		12175	61103	48890
AM050430.D	C1504099-006A 270X	75		10006	52625	43870

t - fails 24hr time check * - fails criteria

Created: Thu May 21 09:14:56 2015 MSD #1/

Centek Laboratories, LLC

Date: *21-May-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	Trip Blank
Lab Order:	C1504099	**Tag Number:**	195
Project:	49 Dupont	**Collection Date:**	4/24/2015
Lab ID:	C1504099-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/1/2015 4:24:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/1/2015 4:24:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/1/2015 4:24:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/1/2015 4:24:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	5/1/2015 4:24:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	5/1/2015 4:24:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/1/2015 4:24:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/1/2015 4:24:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/1/2015 4:24:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/1/2015 4:24:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/1/2015 4:24:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/1/2015 4:24:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/1/2015 4:24:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/1/2015 4:24:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/1/2015 4:24:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	5/1/2015 4:24:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	5/1/2015 4:24:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/1/2015 4:24:00 PM
Acetone	< 0.71	0.71		ug/m3	1	5/1/2015 4:24:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/1/2015 4:24:00 PM
Benzene	< 0.48	0.48		ug/m3	1	5/1/2015 4:24:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/1/2015 4:24:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/1/2015 4:24:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/1/2015 4:24:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/1/2015 4:24:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	5/1/2015 4:24:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	5/1/2015 4:24:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/1/2015 4:24:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/1/2015 4:24:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/1/2015 4:24:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	5/1/2015 4:24:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/1/2015 4:24:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/1/2015 4:24:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/1/2015 4:24:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/1/2015 4:24:00 PM
Ethyl acetate	< 0.90	0.90		ug/m3	1	5/1/2015 4:24:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	5/1/2015 4:24:00 PM
Freon 11	< 0.84	0.84		ug/m3	1	5/1/2015 4:24:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/1/2015 4:24:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/1/2015 4:24:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-May-15

CLIENT:	FPM Group, Ltd.	Client Sample ID:	Trip Blank
Lab Order:	C1504099	Tag Number:	195
Project:	49 Dupont	Collection Date:	4/24/2015
Lab ID:	C1504099-007A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Freon 12	< 0.74	0.74		ug/m3	1	5/1/2015 4:24:00 PM
Heptane	< 0.61	0.61		ug/m3	1	5/1/2015 4:24:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	5/1/2015 4:24:00 PM
Hexane	< 0.53	0.53		ug/m3	1	5/1/2015 4:24:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	5/1/2015 4:24:00 PM
m&p-Xylene	< 1.3	1.3		ug/m3	1	5/1/2015 4:24:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/1/2015 4:24:00 PM
Methyl Ethyl Ketone	< 0.88	0.88		ug/m3	1	5/1/2015 4:24:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	5/1/2015 4:24:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/1/2015 4:24:00 PM
Methylene chloride	< 0.52	0.52		ug/m3	1	5/1/2015 4:24:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	5/1/2015 4:24:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/1/2015 4:24:00 PM
Styrene	< 0.64	0.64		ug/m3	1	5/1/2015 4:24:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/1/2015 4:24:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	5/1/2015 4:24:00 PM
Toluene	< 0.57	0.57		ug/m3	1	5/1/2015 4:24:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/1/2015 4:24:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/1/2015 4:24:00 PM
Trichloroethene	< 0.81	0.81		ug/m3	1	5/1/2015 4:24:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/1/2015 4:24:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/1/2015 4:24:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	5/1/2015 4:24:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
N	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

CENTEK LABORATORIES, LLC

Date: *21-May-15*

ANALYTICAL QC SUMMARY REPORT

CLIENT: FPM Group, Ltd.
Work Order: C1504099
Project: 49 Dupont

TestCode: 1ugM3_TO15

Sample ID	AMB1UG-050115	SampType:	MBLK	TestCode:	1ugM3_TO15	Units:	ppbV	Prep Date:		RunNo:	9625
Client ID:	ZZZZZ	Batch ID:	R9625	TestNo:	TO-15			Analysis Date:	5/1/2015	SeqNo:	113539

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.15	0.15									
1,1,2,2-Tetrachloroethane	< 0.15	0.15									
1,1,2-Trichloroethane	< 0.15	0.15									
1,1-Dichloroethane	< 0.15	0.15									
1,1-Dichloroethene	< 0.15	0.15									
1,2,4-Trichlorobenzene	< 0.15	0.15									
1,2,4-Trimethylbenzene	< 0.15	0.15									
1,2-Dibromoethane	< 0.15	0.15									
1,2-Dichlorobenzene	< 0.15	0.15									
1,2-Dichloroethane	< 0.15	0.15									
1,2-Dichloropropane	< 0.15	0.15									
1,3,5-Trimethylbenzene	< 0.15	0.15									
1,3-butadiene	< 0.15	0.15									
1,3-Dichlorobenzene	< 0.15	0.15									
1,4-Dichlorobenzene	< 0.15	0.15									
1,4-Dioxane	< 0.30	0.30									
2,2,4-trimethylpentane	< 0.15	0.15									
4-ethyltoluene	< 0.15	0.15									
Acetone	< 0.30	0.30									
Allyl chloride	< 0.15	0.15									
Benzene	< 0.15	0.15									
Benzyl chloride	< 0.15	0.15									
Bromodichloromethane	< 0.15	0.15									
Bromoform	< 0.15	0.15									
Bromomethane	< 0.15	0.15									

Qualifiers:

- `.` Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1504099
Project: 49 Dupont

TestCode: 1ugM3_TO15

Sample ID: AMB1UG-050115	SampType: MBLK	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9625
Client ID: ZZZZZ	Batch ID: R9625	TestNo: TO-15		Analysis Date: 5/1/2015	SeqNo: 113539

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	< 0.15	0.15									
Carbon tetrachloride	< 0.15	0.15									
Chlorobenzene	< 0.15	0.15									
Chloroethane	< 0.15	0.15									
Chloroform	< 0.15	0.15									
Chloromethane	< 0.15	0.15									
cis-1,2-Dichloroethene	< 0.15	0.15									
cis-1,3-Dichloropropene	< 0.15	0.15									
Cyclohexane	< 0.15	0.15									
Dibromochloromethane	< 0.15	0.15									
Ethyl acetate	< 0.25	0.25									
Ethylbenzene	< 0.15	0.15									
Freon 11	< 0.15	0.15									
Freon 113	< 0.15	0.15									
Freon 114	< 0.15	0.15									
Freon 12	< 0.15	0.15									
Heptane	< 0.15	0.15									
Hexachloro-1,3-butadiene	< 0.15	0.15									
Hexane	< 0.15	0.15									
Isopropyl alcohol	< 0.15	0.15									
m&p-Xylene	< 0.30	0.30									
Methyl Butyl Ketone	< 0.30	0.30									
Methyl Ethyl Ketone	< 0.30	0.30									
Methyl Isobutyl Ketone	< 0.30	0.30									
Methyl tert-butyl ether	< 0.15	0.15									
Methylene chloride	< 0.15	0.15									
o-Xylene	< 0.15	0.15									
Propylene	< 0.15	0.15									
Styrene	< 0.15	0.15									
Tetrachloroethylene	< 0.15	0.15									
Tetrahydrofuran	< 0.15	0.15									

Qualifiers:

- . Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1504099
Project: 49 Dupont

TestCode: 1ugM3_TO15

Sample ID	AMB1UG-050115	SampType:	MBLK	TestCode:	1ugM3_TO15	Units:	ppbV	Prep Date:		RunNo:	9525
Client ID:	ZZZZZ	Batch ID:	R9625	TestNo:	TO-15			Analysis Date:	5/1/2015	SeqNo:	113539

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	< 0.15	0.15									
trans-1,2-Dichloroethene	< 0.15	0.15									
trans-1,3-Dichloropropene	< 0.15	0.15									
Trichloroethene	< 0.15	0.15									
Vinyl acetate	< 0.15	0.15									
Vinyl Bromide	< 0.15	0.15									
Vinyl chloride	< 0.15	0.15									

Sample ID	AMB1UG-050415	SampType:	MBLK	TestCode:	1ugM3_TO15	Units:	ppbV	Prep Date:		RunNo:	9626
Client ID:	ZZZZZ	Batch ID:	R9626	TestNo:	TO-15			Analysis Date:	5/4/2015	SeqNo:	113561

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.15	0.15									
1,1,2,2-Tetrachloroethane	< 0.15	0.15									
1,1,2-Trichloroethane	< 0.15	0.15									
1,1-Dichloroethane	< 0.15	0.15									
1,1-Dichloroethene	< 0.15	0.15									
1,2,4-Trichlorobenzene	< 0.15	0.15									
1,2,4-Trimethylbenzene	< 0.15	0.15									
1,2-Dibromoethane	< 0.15	0.15									
1,2-Dichlorobenzene	< 0.15	0.15									
1,2-Dichloroethane	< 0.15	0.15									
1,2-Dichloropropane	< 0.15	0.15									
1,3,5-Trimethylbenzene	< 0.15	0.15									
1,3-butadiene	< 0.15	0.15									
1,3-Dichlorobenzene	< 0.15	0.15									
1,4-Dichlorobenzene	< 0.15	0.15									
1,4-Dioxane	< 0.30	0.30									
2,2,4-trimethylpentane	< 0.15	0.15									
4-ethyltoluene	< 0.15	0.15									

Qualifiers:
- . Results reported are not blank corrected
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1504099
Project: 49 Dupont

TestCode: 1ugM3_TO15

Sample ID: AMB1UG-050415	SampType: MBLK	TestCode: 1ugM3_TO15	Units: pphV	Prep Date:	RunNo: 9626
Client ID: ZZZZZ	Batch ID: R9626	TestNo: TO-15		Analysis Date: 5/4/2015	SeqNo: 113561

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	< 0.30	0.30									
Allyl chloride	< 0.15	0.15									
Benzene	< 0.15	0.15									
Benzyl chloride	< 0.15	0.15									
Bromodichloromethane	< 0.15	0.15									
Bromoform	< 0.15	0.15									
Bromomethane	< 0.15	0.15									
Carbon disulfide	< 0.15	0.15									
Carbon tetrachloride	< 0.15	0.15									
Chlorobenzene	< 0.15	0.15									
Chloroethane	< 0.15	0.15									
Chloroform	< 0.15	0.15									
Chloromethane	< 0.15	0.15									
cis-1,2-Dichloroethene	< 0.15	0.15									
cis-1,3-Dichloropropene	< 0.15	0.15									
Cyclohexane	< 0.15	0.15									
Dibromochloromethane	< 0.15	0.15									
Ethyl acetate	< 0.25	0.25									
Ethylbenzene	< 0.15	0.15									
Freon 11	< 0.15	0.15									
Freon 113	< 0.15	0.15									
Freon 114	< 0.15	0.15									
Freon 12	< 0.15	0.15									
Heptane	< 0.15	0.15									
Hexachloro-1,3-butadiene	< 0.15	0.15									
Hexane	< 0.15	0.15									
Isopropyl alcohol	< 0.15	0.15									
m&p-Xylene	< 0.30	0.30									
Methyl Butyl Ketone	< 0.30	0.30									
Methyl Ethyl Ketone	< 0.30	0.30									
Methyl Isobutyl Ketone	< 0.30	0.30									

Qualifiers:

- . Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: CI504099
Project: 49 Dupont

TestCode: 1ugM3_TO15

Sample ID: AMB1UG-050415	SampType: MBLK	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9626
Client ID: ZZZZZ	Batch ID: R9626	TestNo: TO-15		Analysis Date: 5/4/2015	SeqNo: 113561

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	< 0.15	0.15									
Methylene chloride	< 0.15	0.15									
o-Xylene	< 0.15	0.15									
Propylene	< 0.15	0.15									
Styrene	< 0.15	0.15									
Tetrachloroethylene	< 0.15	0.15									
Tetrahydrofuran	< 0.15	0.15									
Toluene	< 0.15	0.15									
trans-1,2-Dichloroethene	< 0.15	0.15									
trans-1,3-Dichloropropene	< 0.15	0.15									
Trichloroethene	< 0.15	0.15									
Vinyl acetate	< 0.15	0.15									
Vinyl Bromide	< 0.15	0.15									
Vinyl chloride	< 0.15	0.15									

Qualifiers:

- . Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

Centek Laboratories, LLC

CENTEK LABORATORIES, LLC

Date: *21-May-15*

ANALYTICAL QC SUMMARY REPORT

CLIENT: FPM Group, Ltd.
Work Order: C1504099
Project: 49 Dupont

TestCode: 1ugM3_TO15

Sample ID: **ALCS1UG-050115** SampType: **LCS** TestCode: **1ugM3_TO15** Units: **ppbV** Prep Date: RunNo: **9625**
Client ID: **ZZZZZ** Batch ID: **R9625** TestNo: **TO-15** Analysis Date: **5/1/2015** SeqNo: **113540**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.210	0.15	1	0	121	70	130				
1,1,2,2-Tetrachloroethane	1.190	0.15	1	0	119	70	130				
1,1,2-Trichloroethane	1.130	0.15	1	0	113	70	130				
1,1-Dichloroethane	1.130	0.15	1	0	113	70	130				
1,1-Dichloroethene	1.040	0.15	1	0	104	70	130				
1,2,4-Trichlorobenzene	0.9100	0.15	1	0	91.0	70	130				
1,2,4-Trimethylbenzene	0.7400	0.15	1	0	74.0	70	130				
1,2-Dibromoethane	1.190	0.15	1	0	119	70	130				
1,2-Dichlorobenzene	1.040	0.15	1	0	104	70	130				
1,2-Dichloroethane	1.040	0.15	1	0	104	70	130				
1,2-Dichloropropane	0.9900	0.15	1	0	99.0	70	130				
1,3,5-Trimethylbenzene	0.9000	0.15	1	0	90.0	70	130				
1,3-butadiene	0.8400	0.15	1	0	84.0	70	130				
1,3-Dichlorobenzene	1.090	0.15	1	0	109	70	130				
1,4-Dichlorobenzene	1.100	0.15	1	0	110	70	130				
1,4-Dioxane	0.7400	0.30	1	0	74.0	70	130				
2,2,4-trimethylpentane	0.9200	0.15	1	0	92.0	70	130				
4-ethyltoluene	0.8600	0.15	1	0	86.0	70	130				
Acetone	0.7300	0.30	1	0	73.0	70	130				
Allyl chloride	0.7800	0.15	1	0	78.0	70	130				
Benzene	1.030	0.15	1	0	103	70	130				
Benzyl chloride	0.8000	0.15	1	0	80.0	70	130				
Bromodichloromethane	1.150	0.15	1	0	115	70	130				
Bromoform	1.220	0.15	1	0	122	70	130				
Bromomethane	0.9800	0.15	1	0	98.0	70	130				

Qualifiers:
- . Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1504099
Project: 49 Dupont

TestCode: 1ugM3_TO15

Sample ID: ALCS1UG-050115 SampType: LCS TestCode: 1ugM3_TO15 Units: ppbV Prep Date: RunNo: 9625
Client ID: ZZZZZ Batch ID: R9625 TestNo: TO-15 Analysis Date: 5/1/2015 SeqNo: 113540

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	1.110	0.15	1	0	111	70	130				
Carbon tetrachloride	1.230	0.15	1	0	123	70	130				
Chlorobenzene	1.060	0.15	1	0	106	70	130				
Chloroethane	0.9700	0.15	1	0	97.0	70	130				
Chloroform	1.020	0.15	1	0	102	70	130				
Chloromethane	0.9600	0.15	1	0	96.0	70	130				
cis-1,2-Dichloroethene	0.9900	0.15	1	0	99.0	70	130				
cis-1,3-Dichloropropene	0.9800	0.15	1	0	98.0	70	130				
Cyclohexane	0.9500	0.15	1	0	95.0	70	130				
Dibromochloromethane	1.260	0.15	1	0	126	70	130				
Ethyl acetate	0.7100	0.25	1	0	71.0	70	130				
Ethylbenzene	0.9100	0.15	1	0	91.0	70	130				
Freon 11	1.180	0.15	1	0	118	70	130				
Freon 113	1.130	0.15	1	0	113	70	130				
Freon 114	1.060	0.15	1	0	106	70	130				
Freon 12	1.070	0.15	1	0	107	70	130				
Heptane	0.8400	0.15	1	0	84.0	70	130				
Hexachloro-1,3-butadiene	1.060	0.15	1	0	106	70	130				
Hexane	0.9400	0.15	1	0	94.0	70	130				
Isopropyl alcohol	0.7500	0.15	1	0	75.0	70	130				
m&p-Xylene	1.800	0.30	2	0	90.0	70	130				
Methyl Butyl Ketone	1.010	0.30	1	0	101	70	130				
Methyl Ethyl Ketone	0.8300	0.30	1	0	83.0	70	130				
Methyl Isobutyl Ketone	0.7200	0.30	1	0	72.0	70	130				
Methyl tert-butyl ether	0.9100	0.15	1	0	91.0	70	130				
Methylene chloride	0.8700	0.15	1	0	87.0	70	130				
o-Xylene	0.9500	0.15	1	0	95.0	70	130				
Propylene	0.8000	0.15	1	0	80.0	70	130				
Styrene	0.8200	0.15	1	0	82.0	70	130				
Tetrachloroethylene	1.260	0.15	1	0	126	70	130				
Tetrahydrofuran	0.8200	0.15	1	0	82.0	70	130				

Qualifiers:
- . Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1504099
Project: 49 Dupont

TestCode: 1ugM3_TO15

Sample ID ALCS1UG-050115	SampType: LCS	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9625
Client ID: ZZZZZ	Batch ID: R9625	TestNo: TO-15		Analysis Date: 5/1/2015	SeqNo: 113540

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	1.070	0.15	1	0	107	70	130				
trans-1,2-Dichloroethene	1.090	0.15	1	0	109	70	130				
trans-1,3-Dichloropropene	0.9300	0.15	1	0	93.0	70	130				
Trichloroethene	1.180	0.15	1	0	118	70	130				
Vinyl acetate	0.9500	0.15	1	0	95.0	70	130				
Vinyl Bromide	1.070	0.15	1	0	107	70	130				
Vinyl chloride	0.9800	0.15	1	0	98.0	70	130				

Sample ID ALCS1UG-050415	SampType: LCS	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9626
Client ID: ZZZZZ	Batch ID: R9626	TestNo: TO-15		Analysis Date: 5/4/2015	SeqNo: 113562

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.140	0.15	1	0	114	70	130				
1,1,2,2-Tetrachloroethane	1.260	0.15	1	0	126	70	130				
1,1,2-Trichloroethane	1.230	0.15	1	0	123	70	130				
1,1-Dichloroethane	1.140	0.15	1	0	114	70	130				
1,1-Dichloroethene	1.050	0.15	1	0	105	70	130				
1,2,4-Trichlorobenzene	0.8300	0.15	1	0	83.0	70	130				
1,2,4-Trimethylbenzene	0.7000	0.15	1	0	70.0	70	130				
1,2-Dibromoethane	1.140	0.15	1	0	114	70	130				
1,2-Dichlorobenzene	1.050	0.15	1	0	105	70	130				
1,2-Dichloroethane	1.050	0.15	1	0	105	70	130				
1,2-Dichloropropane	1.160	0.15	1	0	116	70	130				
1,3,5-Trimethylbenzene	0.8100	0.15	1	0	81.0	70	130				
1,3-butadiene	0.7800	0.15	1	0	78.0	70	130				
1,3-Dichlorobenzene	1.060	0.15	1	0	106	70	130				
1,4-Dichlorobenzene	1.030	0.15	1	0	103	70	130				
1,4-Dioxane	1.290	0.30	1	0	129	70	130				
2,2,4-trimethylpentane	0.9100	0.15	1	0	91.0	70	130				
4-ethyltoluene	0.8200	0.15	1	0	82.0	70	130				

Qualifiers:

- Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1504099
Project: 49 Dupont

TestCode: 1ugM3_TO15

Sample ID: ALCS1UG-050415	SampType: LCS	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9626
Client ID: ZZZZZ	Batch ID: R9626	TestNo: TO-15		Analysis Date: 5/4/2015	SeqNo: 113562

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	0.7900	0.30	1	0	79.0	70	130				
Allyl chloride	0.9600	0.15	1	0	96.0	70	130				
Benzene	1.030	0.15	1	0	103	70	130				
Benzyl chloride	0.8000	0.15	1	0	80.0	70	130				
Bromodichloromethane	1.250	0.15	1	0	125	70	130				
Bromoform	1.270	0.15	1	0	127	70	130				
Bromomethane	1.070	0.15	1	0	107	70	130				
Carbon disulfide	1.110	0.15	1	0	111	70	130				
Carbon tetrachloride	1.220	0.15	1	0	122	70	130				
Chlorobenzene	1.040	0.15	1	0	104	70	130				
Chloroethane	0.8300	0.15	1	0	83.0	70	130				
Chloroform	1.030	0.15	1	0	103	70	130				
Chloromethane	1.070	0.15	1	0	107	70	130				
cis-1,2-Dichloroethene	0.9400	0.15	1	0	94.0	70	130				
cis-1,3-Dichloropropene	1.140	0.15	1	0	114	70	130				
Cyclohexane	0.9400	0.15	1	0	94.0	70	130				
Dibromochloromethane	1.300	0.15	1	0	130	70	130				
Ethyl acetate	0.8400	0.25	1	0	84.0	70	130				
Ethylbenzene	0.9400	0.15	1	0	94.0	70	130				
Freon 11	1.110	0.15	1	0	111	70	130				
Freon 113	1.160	0.15	1	0	116	70	130				
Freon 114	1.100	0.15	1	0	110	70	130				
Freon 12	1.110	0.15	1	0	111	70	130				
Heptane	0.9100	0.15	1	0	91.0	70	130				
Hexachloro-1,3-butadiene	1.260	0.15	1	0	126	70	130				
Hexane	0.9300	0.15	1	0	93.0	70	130				
Isopropyl alcohol	0.8700	0.15	1	0	87.0	70	130				
m&p-Xylene	1.800	0.30	2	0	90.0	70	130				
Methyl Butyl Ketone	1.460	0.30	1	0	146	70	130				S
Methyl Ethyl Ketone	0.7900	0.30	1	0	79.0	70	130				
Methyl Isobutyl Ketone	1.240	0.30	1	0	124	70	130				

Qualifiers:

- . Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1504099
Project: 49 Dupont

TestCode: 1ugM3_TO15

Sample ID: ALCS1UG-050415	SampType: LCS	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9626
Client ID: ZZZZZ	Batch ID: R9626	TestNo: TO-15		Analysis Date: 5/4/2015	SeqNo: 113552

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	0.8900	0.15	1	0	89.0	70	130				
Methylene chloride	0.7700	0.15	1	0	77.0	70	130				
o-Xylene	1.050	0.15	1	0	105	70	130				
Propylene	0.8100	0.15	1	0	81.0	70	130				
Styrene	0.9200	0.15	1	0	92.0	70	130				
Tetrachloroethylene	1.250	0.15	1	0	125	70	130				
Tetrahydrofuran	0.7500	0.15	1	0	75.0	70	130				
Toluene	1.070	0.15	1	0	107	70	130				
trans-1,2-Dichloroethene	1.060	0.15	1	0	106	70	130				
trans-1,3-Dichloropropene	1.040	0.15	1	0	104	70	130				
Trichloroethene	1.290	0.15	1	0	129	70	130				
Vinyl acetate	0.9600	0.15	1	0	96.0	70	130				
Vinyl Bromide	1.070	0.15	1	0	107	70	130				
Vinyl chloride	0.9500	0.15	1	0	95.0	70	130				

Qualifiers:

- `.` Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CENTEK LABORATORIES, LLC

Date: *03-Jun-15*

ANALYTICAL QC SUMMARY REPORT

CLIENT: FPM Group, Ltd.
Work Order: C1504099
Project: 49 Dupont

TestCode: 1ugM3_TO15

Sample ID ALCS1UGD-050115 SampType: LCSD TestCode: 1ugM3_TO15 Units: ppbV Prep Date: RunNo: 9625
Client ID: ZZZZZ Batch ID: R9625 TestNo: TO-15 Analysis Date: 5/2/2015 SeqNo: 113541

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.200	0.15	1	0	120	70	130	1.21	0.830	30	
1,1,2,2-Tetrachloroethane	1.230	0.15	1	0	123	70	130	1.19	3.31	30	
1,1,2-Trichloroethane	1.110	0.15	1	0	111	70	130	1.13	1.79	30	
1,1-Dichloroethane	1.190	0.15	1	0	119	70	130	1.13	5.17	30	
1,1-Dichloroethene	1.060	0.15	1	0	106	70	130	1.04	1.90	30	
1,2,4-Trichlorobenzene	1.100	0.15	1	0	110	70	130	0.91	18.9	30	
1,2,4-Trimethylbenzene	0.7500	0.15	1	0	75.0	70	130	0.74	1.34	30	
1,2-Dibromoethane	1.210	0.15	1	0	121	70	130	1.19	1.67	30	
1,2-Dichlorobenzene	1.090	0.15	1	0	109	70	130	1.04	4.69	30	
1,2-Dichloroethane	1.100	0.15	1	0	110	70	130	1.04	5.61	30	
1,2-Dichloropropane	1.020	0.15	1	0	102	70	130	0.99	2.99	30	
1,3,5-Trimethylbenzene	0.9500	0.15	1	0	95.0	70	130	0.9	5.41	30	
1,3-butadiene	0.8700	0.15	1	0	87.0	70	130	0.84	3.51	30	
1,3-Dichlorobenzene	1.080	0.15	1	0	108	70	130	1.09	0.922	30	
1,4-Dichlorobenzene	1.130	0.15	1	0	113	70	130	1.1	2.69	30	
1,4-Dioxane	0.7600	0.30	1	0	76.0	70	130	0.74	2.67	30	
2,2,4-trimethylpentane	0.9000	0.15	1	0	90.0	70	130	0.92	2.20	30	
4-ethyltoluene	0.8200	0.15	1	0	82.0	70	130	0.86	4.76	30	
Acetone	0.8200	0.30	1	0	82.0	70	130	0.73	11.6	30	
Allyl chloride	0.8000	0.15	1	0	80.0	70	130	0.78	2.53	30	
Benzene	1.050	0.15	1	0	105	70	130	1.03	1.92	30	
Benzyl chloride	0.7200	0.15	1	0	72.0	70	130	0.8	10.5	30	
Bromodichloromethane	1.200	0.15	1	0	120	70	130	1.15	4.26	30	
Bromoform	1.290	0.15	1	0	129	70	130	1.22	5.58	30	
Bromomethane	1.010	0.15	1	0	101	70	130	0.98	3.02	30	

Qualifiers:
- . Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1504099
Project: 49 Dupont

TestCode: 1ugM3_TO15

Sample ID ALCS1UGD-050115	SampType: LCSD	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9625
Client ID: ZZZZZ	Batch ID: R9625	TestNo: TO-15		Analysis Date: 5/2/2015	SeqNo: 113541

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	1.180	0.15	1	0	118	70	130	1.11	6.11	30	
Carbon tetrachloride	1.230	0.15	1	0	123	70	130	1.23	0	30	
Chlorobenzene	1.150	0.15	1	0	115	70	130	1.06	8.14	30	
Chloroethane	0.9700	0.15	1	0	97.0	70	130	0.97	0	30	
Chloroform	1.060	0.15	1	0	106	70	130	1.02	3.85	30	
Chloromethane	0.9700	0.15	1	0	97.0	70	130	0.98	1.03	30	
cis-1,2-Dichloroethene	1.030	0.15	1	0	103	70	130	0.99	3.96	30	
cis-1,3-Dichloropropene	1.030	0.15	1	0	103	70	130	0.98	4.98	30	
Cyclohexane	0.9500	0.15	1	0	95.0	70	130	0.95	0	30	
Dibromochloromethane	1.250	0.15	1	0	125	70	130	1.26	0.797	30	
Ethyl acetate	0.9200	0.25	1	0	92.0	70	130	0.71	25.8	30	
Ethylbenzene	0.9600	0.15	1	0	96.0	70	130	0.91	5.35	30	
Freon 11	1.150	0.15	1	0	115	70	130	1.18	2.58	30	
Freon 113	1.190	0.15	1	0	119	70	130	1.13	5.17	30	
Freon 114	1.110	0.15	1	0	111	70	130	1.06	4.61	30	
Freon 12	1.120	0.15	1	0	112	70	130	1.07	4.57	30	
Heptane	0.8400	0.15	1	0	84.0	70	130	0.84	0	30	
Hexachloro-1,3-butadiene	1.250	0.15	1	0	125	70	130	1.06	16.5	30	
Hexane	0.9300	0.15	1	0	93.0	70	130	0.94	1.07	30	
Isopropyl alcohol	0.9400	0.15	1	0	94.0	70	130	0.75	22.5	30	
m&p-Xylene	2.020	0.30	2	0	101	70	130	1.8	11.5	30	
Methyl Butyl Ketone	0.9000	0.30	1	0	90.0	70	130	1.01	11.5	30	
Methyl Ethyl Ketone	0.8900	0.30	1	0	89.0	70	130	0.83	6.98	30	
Methyl Isobutyl Ketone	0.7400	0.30	1	0	74.0	70	130	0.72	2.74	30	
Methyl tert-butyl ether	1.000	0.15	1	0	100	70	130	0.91	9.42	30	
Methylene chloride	0.8700	0.15	1	0	87.0	70	130	0.87	0	30	
o-Xylene	1.090	0.15	1	0	109	70	130	0.95	13.7	30	
Propylene	0.8300	0.15	1	0	83.0	70	130	0.8	3.68	30	
Styrene	0.9700	0.15	1	0	97.0	70	130	0.82	16.8	30	
Tetrachloroethylene	1.250	0.15	1	0	125	70	130	1.26	0.797	30	
Tetrahydrofuran	0.8900	0.15	1	0	89.0	70	130	0.82	8.19	30	

Qualifiers:
- `.` Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1504099
Project: 49 Dupont

TestCode: 1ugM3_TO15

Sample ID ALCS1UGD-050115	SampType: LCSD	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9625
Client ID: ZZZZZ	Batch ID: R9625	TestNo: TO-15		Analysis Date: 5/2/2015	SeqNo: 113541

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	1.140	0.15	1	0	114	70	130	1.07	6.33	30	
trans-1,2-Dichloroethene	1.190	0.15	1	0	119	70	130	1.09	8.77	30	
trans-1,3-Dichloropropene	0.9800	0.15	1	0	98.0	70	130	0.93	5.24	30	
Trichloroethene	1.230	0.15	1	0	123	70	130	1.18	4.15	30	
Vinyl acetate	1.030	0.15	1	0	103	70	130	0.95	8.08	30	
Vinyl Bromide	1.120	0.15	1	0	112	70	130	1.07	4.57	30	
Vinyl chloride	1.020	0.15	1	0	102	70	130	0.98	4.00	30	
Surr: Bromofluorobenzene	0.9400	0	1	0	94.0	70	130	0	0	30	

Sample ID ALCS1UGD-050415	SampType: LCSD	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9626
Client ID: ZZZZZ	Batch ID: R9626	TestNo: TO-15		Analysis Date: 5/5/2015	SeqNo: 114675

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.260	0.15	1	0	126	70	130	1.14	10.0	30	
1,1,2,2-Tetrachloroethane	1.140	0.15	1	0	114	70	130	1.26	10.0	30	
1,1,2-Trichloroethane	1.240	0.15	1	0	124	70	130	1.23	0.810	30	
1,1-Dichloroethane	1.170	0.15	1	0	117	70	130	1.14	2.60	30	
1,1-Dichloroethene	1.020	0.15	1	0	102	70	130	1.05	2.90	30	
1,2,4-Trichlorobenzene	0.7900	0.15	1	0	79.0	70	130	0.83	4.94	30	
1,2,4-Trimethylbenzene	0.7800	0.15	1	0	78.0	70	130	0.7	10.8	30	
1,2-Dibromoethane	1.280	0.15	1	0	128	70	130	1.14	11.6	30	
1,2-Dichlorobenzene	0.8800	0.15	1	0	88.0	70	130	1.05	17.6	30	
1,2-Dichloroethane	1.040	0.15	1	0	104	70	130	1.05	0.957	30	
1,2-Dichloropropane	1.050	0.15	1	0	105	70	130	1.16	9.96	30	
1,3,5-Trimethylbenzene	0.7000	0.15	1	0	70.0	70	130	0.81	14.6	30	
1,3-butadiene	0.7900	0.15	1	0	79.0	70	130	0.78	1.27	30	
1,3-Dichlorobenzene	0.9000	0.15	1	0	90.0	70	130	1.06	16.3	30	
1,4-Dichlorobenzene	0.8700	0.15	1	0	87.0	70	130	1.03	16.8	30	
1,4-Dioxane	< 0.30	0.30	1	0	0	70	130	1.28	0	30	S
2,2,4-trimethylpentane	0.8800	0.15	1	0	88.0	70	130	0.91	3.35	30	

Qualifiers:

- . Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1504099
Project: 49 Dupont

TestCode: 1ugM3_TO15

Sample ID ALCS1UGD-050415	SampType: LCSD	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9626
Client ID: ZZZZZ	Batch ID: R9626	TestNo: TO-15		Analysis Date: 5/5/2015	SeqNo: 114676

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-ethyltoluene	0.7700	0.15	1	0	77.0	70	130	0.82	6.29	30	
Acetone	0.7600	0.30	1	0	76.0	70	130	0.79	3.87	30	
Allyl chloride	0.7300	0.15	1	0	73.0	70	130	0.96	27.2	30	
Benzene	1.050	0.15	1	0	105	70	130	1.03	1.92	30	
Benzyl chloride	1.070	0.15	1	0	107	70	130	0.8	28.9	30	
Bromodichloromethane	1.250	0.15	1	0	125	70	130	1.25	0	30	
Bromoform	1.270	0.15	1	0	127	70	130	1.27	0	30	
Bromomethane	1.020	0.15	1	0	102	70	130	1.07	4.78	30	
Carbon disulfide	1.090	0.15	1	0	109	70	130	1.11	1.82	30	
Carbon tetrachloride	1.230	0.15	1	0	123	70	130	1.22	0.816	30	
Chlorobenzene	1.160	0.15	1	0	110	70	130	1.04	5.61	30	
Chloroethane	0.9000	0.15	1	0	90.0	70	130	0.83	8.09	30	
Chloroform	1.030	0.15	1	0	103	70	130	1.03	0	30	
Chloromethane	0.9400	0.15	1	0	94.0	70	130	1.07	12.9	30	
cis-1,2-Dichloroethene	0.9700	0.15	1	0	97.0	70	130	0.94	3.14	30	
cis-1,3-Dichloropropene	0.9600	0.15	1	0	96.0	70	130	1.14	17.1	30	
Cyclohexane	0.9000	0.15	1	0	90.0	70	130	0.94	4.35	30	
Dibromochloromethane	1.250	0.15	1	0	125	70	130	1.3	3.92	30	
Ethyl acetate	1.010	0.25	1	0	101	70	130	0.84	18.4	30	
Ethylbenzene	0.9200	0.15	1	0	92.0	70	130	0.94	2.15	30	
Freon 11	1.220	0.15	1	0	122	70	130	1.11	9.44	30	
Freon 113	1.220	0.15	1	0	122	70	130	1.16	5.04	30	
Freon 114	1.080	0.15	1	0	108	70	130	1.1	1.83	30	
Freon 12	1.150	0.15	1	0	115	70	130	1.11	3.54	30	
Heptane	0.8500	0.15	1	0	85.0	70	130	0.91	6.82	30	
Hexachloro-1,3-butadiene	0.8800	0.15	1	0	88.0	70	130	1.26	35.5	30	R
Hexane	0.8600	0.15	1	0	86.0	70	130	0.93	7.82	30	
Isopropyl alcohol	0.7500	0.15	1	0	75.0	70	130	0.87	14.8	30	
m&p-Xylene	1.590	0.30	2	0	79.5	70	130	1.8	12.4	30	
Methyl Butyl Ketone	< 0.30	0.30	1	0	0	70	130	1.46	0	30	S
Methyl Ethyl Ketone	0.7500	0.30	1	0	75.0	70	130	0.79	5.19	30	

Qualifiers:
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- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
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- R RPD outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1504099
Project: 49 Dupont

TestCode: 1ugM3_TO15

Sample ID: ALCS1UGD-050415	SampType: LCSD	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9626
Client ID: ZZZZZ	Batch ID: R9628	TestNo: TO-15		Analysis Date: 5/5/2015	SeqNo: 114676

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl Isobutyl Ketone	< 0.30	0.30	1	0	0	70	130	1.24	0	30	S
Methyl tert-butyl ether	0.9100	0.15	1	0	91.0	70	130	0.89	2.22	30	
Methylene chloride	0.7700	0.15	1	0	77.0	70	130	0.77	0	30	
o-Xylene	0.9000	0.15	1	0	90.0	70	130	1.05	15.4	30	
Propylene	0.9400	0.15	1	0	94.0	70	130	0.81	14.9	30	
Styrene	0.7700	0.15	1	0	77.0	70	130	0.92	17.8	30	
Tetrachloroethylene	1.250	0.15	1	0	125	70	130	1.25	0	30	
Tetrahydrofuran	0.8300	0.15	1	0	83.0	70	130	0.75	10.1	30	
Toluene	1.110	0.15	1	0	111	70	130	1.07	3.67	30	
trans-1,2-Dichloroethene	1.210	0.15	1	0	121	70	130	1.06	13.2	30	
trans-1,3-Dichloropropene	1.030	0.15	1	0	103	70	130	1.04	0.966	30	
Trichloroethene	1.270	0.15	1	0	127	70	130	1.29	1.56	30	
Vinyl acetate	0.8600	0.15	1	0	86.0	70	130	0.96	11.0	30	
Vinyl Bromide	1.140	0.15	1	0	114	70	130	1.07	6.33	30	
Vinyl chloride	0.9600	0.15	1	0	96.0	70	130	0.95	1.05	30	
Surr: Bromofluorobenzene	0.8600	0	1	0	86.0	70	130	0	0	30	

Qualifiers:
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- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AM050425.D Vial: 20
Acq On : 5 May 2015 12:28 am Operator: RJP
Sample : ALCS1UGD-050415 Inst : MSD #1
Misc : A415_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 07 13:29:39 2015 Quant Results File: A415_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A415_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Tue Apr 28 11:01:13 2015
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	10.30	128	14067m	1.00	ppb		0.03
35) 1,4-difluorobenzene	12.51	114	61103	1.00	ppb		0.03
50) Chlorobenzene-d5	16.94	117	48890	1.00	ppb		0.03
System Monitoring Compounds							
66) Bromofluorobenzene	18.50	95	32334	0.86	ppb		0.03
Spiked Amount 1.000	Range 70 - 130		Recovery = 86.00%				
Target Compounds							Qvalue
2) Propylene	4.47	41	13220	0.94	ppb		91
3) Freon 12	4.52	85	72410	1.15	ppb		98
4) Chloromethane	4.73	50	17615	0.94	ppb		96
5) Freon 114	4.73	85	56307	1.08	ppb		94
6) Vinyl Chloride	4.95	62	13602	0.96	ppb		93
7) Butane	5.04	43	18608	0.79	ppb		90
8) 1,3-butadiene	5.05	39	12213	0.79	ppb		92
9) Bromomethane	5.42	94	19817	1.02	ppb		95
10) Chloroethane	5.61	64	5589	0.90	ppb	#	88
11) Ethanol	5.75	45	5295	1.03	ppb		80
12) Acrolein	6.37	56	2934	0.76	ppb	#	69
13) Vinyl Bromide	5.96	106	19907	1.14	ppb		95
14) Freon 11	6.23	101	76866	1.22	ppb		98
15) Acetone	6.47	58	6053m	0.76	ppb		
16) Pentane	6.52	42	13903	0.70	ppb		83
17) Isopropyl alcohol	6.59	45	17421m	0.75	ppb		
18) 1,1-dichloroethene	7.02	96	18102	1.02	ppb		95
19) Freon 113	7.22	101	52935	1.22	ppb		95
21) Methylene chloride	7.50	84	12426	0.77	ppb		94
22) Allyl chloride	7.48	41	11638	0.73	ppb	#	92
23) Carbon disulfide	7.67	76	40184	1.09	ppb		95
24) trans-1,2-dichloroethene	8.46	61	20955	1.21	ppb		98
25) methyl tert-butyl ether	8.50	73	39509	0.91	ppb		89
26) 1,1-dichloroethane	8.89	63	33885	1.17	ppb		98
27) Vinyl acetate	8.91	43	21445	0.86	ppb		94
28) Methyl Ethyl Ketone	9.43	72	4587m	0.75	ppb		
29) cis-1,2-dichloroethene	9.84	61	20552	0.97	ppb		94
30) Hexane	9.41	57	19882	0.86	ppb	#	78
31) Ethyl acetate	10.01	43	32431m	1.01	ppb		
32) Chloroform	10.46	83	50232	1.03	ppb		98
33) Tetrahydrofuran	10.66	42	12968m	0.83	ppb		
34) 1,2-dichloroethane	11.56	62	27838	1.04	ppb		99
36) 1,1,1-trichloroethane	11.26	97	58000	1.26	ppb		100
37) Cyclohexane	11.93	56	19923	0.90	ppb	#	62
38) Carbon tetrachloride	11.87	117	68954m	1.23	ppb		
39) Benzene	11.85	78	48601	1.05	ppb		96
40) Methyl methacrylate	13.34	41	8580	0.49	ppb		96
42) 2,2,4-trimethylpentane	12.64	57	62783	0.88	ppb		89
43) Heptane	12.97	43	23969	0.85	ppb		96
44) Trichloroethene	13.12	130	27397	1.27	ppb		96
45) 1,2-dichloropropane	13.22	63	19260	1.05	ppb		99
46) Bromodichloromethane	13.54	83	59590	1.25	ppb		100
47) cis-1,3-dichloropropene	14.30	75	24035	0.96	ppb		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\AM050425.D Vial: 20
Acq On : 5 May 2015 12:28 am Operator: RJP
Sample : ALCS10GD-050415 Inst : MSD #1
Misc : A415_1UG Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 07 13:29:39 2015 Quant Results File: A415_1UG.RES

Quant Method : C:\HPCHEM\1\METHODS\A415_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Tue Apr 28 11:01:13 2015
Response via : Initial Calibration
DataAcq Meth : 1UG_RUN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
48)	trans-1,3-dichloropropene	15.01	75	23940	1.03	ppb	94
49)	1,1,2-trichloroethane	15.31	97	28032	1.24	ppb	97
51)	Toluene	15.07	92	34610	1.11	ppb	95
53)	Dibromochloromethane	15.99	129	59342m	1.25	ppb	
55)	1,2-dibromoethane	16.24	107	41404	1.28	ppb	98
56)	Tetrachloroethylene	16.05	164	33552m	1.25	ppb	
57)	Chlorobenzene	16.99	112	47833	1.10	ppb	99
59)	Ethylbenzene	17.22	91	67053	0.92	ppb	98
60)	m&p-xylene	17.41	91	93994	1.59	ppb	96
61)	Nonane	17.74	43	29012	0.81	ppb	98
62)	Styrene	17.83	104	29955	0.77	ppb	95
63)	Bromoform	17.96	173	64941m	1.27	ppb	
64)	o-xylene	17.86	91	60960	0.90	ppb	100
65)	Cumene	18.38	105	62292	0.75	ppb	97
67)	1,1,2,2-tetrachloroethane	18.29	83	53976	1.14	ppb	99
68)	Propylbenzene	18.91	91	72094m	0.79	ppb	
69)	2-Chlorotoluene	18.95	91	71242m	0.95	ppb	
70)	4-ethyltoluene	19.06	105	55513m	0.77	ppb	
71)	1,3,5-trimethylbenzene	19.12	105	60366m	0.70	ppb	
72)	1,2,4-trimethylbenzene	19.56	105	52097m	0.78	ppb	
73)	1,3-dichlorobenzene	19.86	146	39317	0.90	ppb	98
74)	benzyl chloride	19.93	91	43180m	1.07	ppb	
75)	1,4-dichlorobenzene	20.00	146	34561	0.87	ppb	96
77)	1,2-dichlorobenzene	20.31	146	39964	0.88	ppb	94
78)	1,2,4-trichlorobenzene	22.38	180	14328m	0.79	ppb	
80)	Hexachloro-1,3-butadiene	22.43	225	29520	0.88	ppb	98

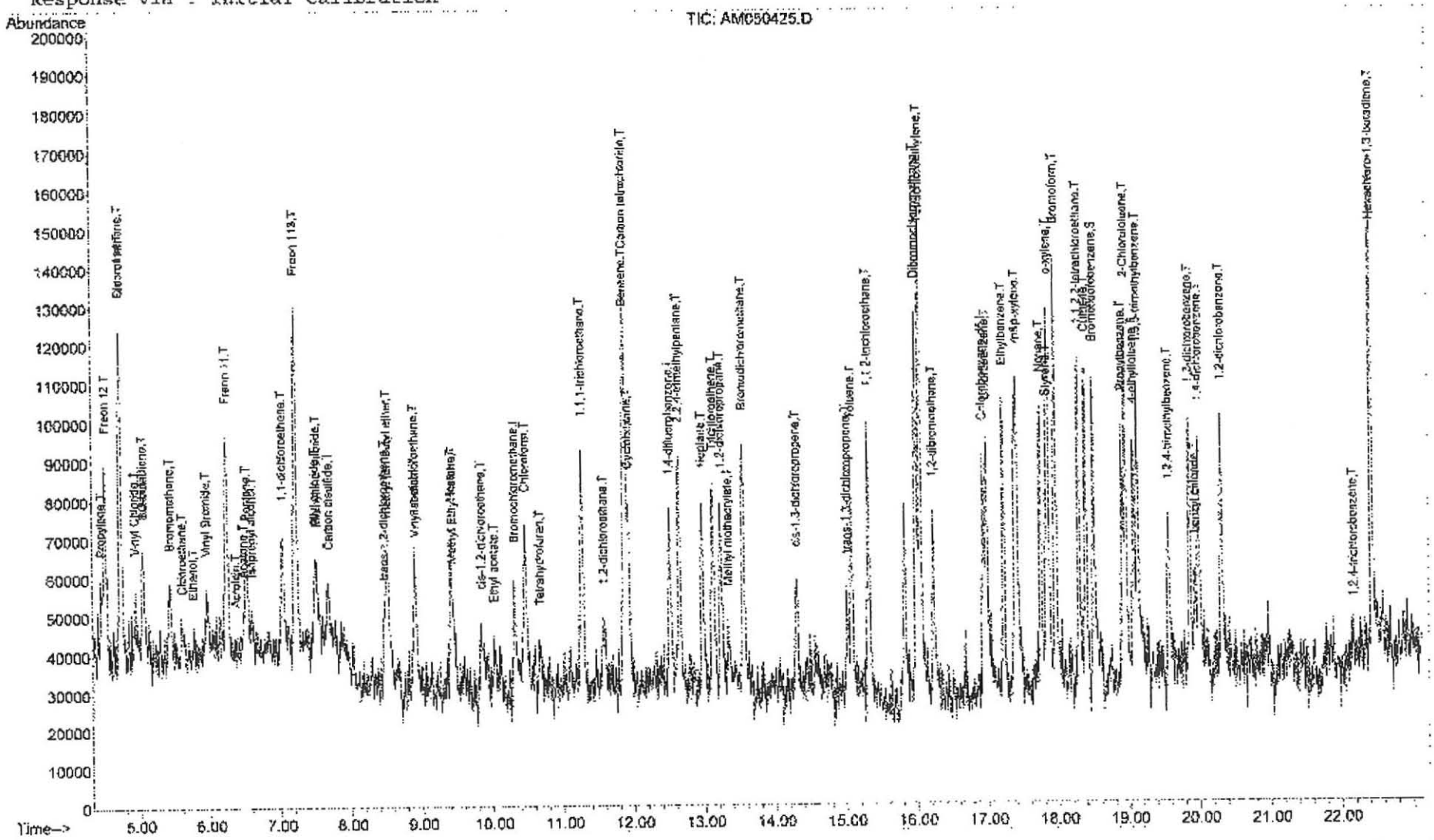
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : C:\HPCHEM\1\DATA\AM050425.D
Acq On : 5 May 2015 12:28 am
Sample : ALCS1UGD-050415
Misc : A415_1UG
MS Integration Params: RTEINT.P
Quant Time: Jun 3 9:47 2015

Vial: 20
Operator: RJP
Inst : MSD #1
Multiplr: 1.00

Quant Results File: A415_1UG.RES

Method : C:\HPCHEM\1\METHODS\A415_1UG.M (RTE Integrator)
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Tue Apr 28 11:01:13 2015
Response via : Initial Calibration



280 Franklin Street, Brooklyn, NY
DATA USABILITY SUMMARY REPORT
June 19, 2015, 2015 Soil Vapor Samples (SDG No. C1506069)
Lab Report # C1506069

This data usability summary report (DUSR) was prepared in accordance with ***Appendix 2B*** of New York State Department of Environmental Conservation (NYSDEC) DER-10 using the entire original laboratory report, including the sample data summary report and the extended data package. The sampling event included one primary soil vapor sample and associated quality assurance / quality control (QA / QC) sample collected on June 19, 2015.

Sample Collection

The samples were collected in labeled laboratory-provided sample containers; no issues with sample containers or labeling were reported by the laboratory. All of the sample canisters exhibited measurable vacuums at the end of the sampling period.

Sampling procedures, including collection of field QA / QC samples, were reported to have been in accordance with the procedures presented in the NYSDEC-approved Quality Assurance Project Plan (November 2011) for this project. All sample collection was conducted under Chain of Custody (COC) procedures.

Field QA / QC samples, including a blind duplicate sample, were collected to evaluate field sampling methods and laboratory procedures.

Sample Analyses

The samples were transmitted to and analyzed by Centek Laboratories, LLC at their Syracuse, New York facility, which is New York State Department of Health-certified for the analyses performed. The samples were prepared and analyzed for volatile organic compounds (VOCs) (including isopropyl alcohol [IPA]) using EPA Method TO-15. The analytical method and analytes are appropriate for the intended use of the data. The sample holding times were met and no problems with sample receipt or handling were reported by the laboratory.

All of the soil vapor samples required dilution for 1,4-dichlorobenzene, acetone, benzene, carbon disulfide, cyclohexane, heptane, hexane, methyl ethyl ketone and toluene. The reporting limits have been adjusted accordingly.

QA / QC Results

<u>Surrogate Samples</u>

Surrogate recoveries and internal standard responses were elevated and did not meet criteria for samples C1506069-001A and C1506069-002A, apparently due to the presence on a non-target, interfering compound(s). The affected samples were analyzed at elevated dilutions and the resulting analyses met criteria. These results indicate that the data are anticipated to be accurate.

Trip Blanks

The laboratory did not include a trip blank canister for the sampling program; however, as only one soil vapor sample was collected, a trip blank was not necessary to evaluate for the cross-contamination of samples during shipment.

Blind Duplicate Samples

A blind duplicate sample was collected and utilized to evaluate the precision of the laboratory analyses. The results from the duplicate sample (SG-5D) and the associated parent sample (SG-5) are very similar for all analytes.

Based on the blind duplicate sample results, the laboratory results are likely to be precise for all analytes.

Method Blank Samples

Method blank (MB) samples were analyzed by the laboratory to evaluate for the potential for cross contamination associated with the sample preparation and analysis. The MB results did not show concentrations of analytes above their method detection limits and / or the reporting limits. Based upon the MB data, cross contamination associated with sample preparation and analysis does not appear to present a concern.

Laboratory Control Samples and Duplicates

Laboratory control samples (LCSs) and duplicates (LCSDs) were used by the laboratory to verify the accuracy and precision of the analyses. The LCS / LCSD results were all within established guidelines, with the following exception:

- The spike recovery Relative Percent Difference (%REC) failed limits in the LCS and LCSD for ALCS1UG-062515 for 1,4-dioxane (low %REC), methyl butyl ketone (low %REC) and methyl isobutyl ketone (low %REC).

- The %RPD failed limits in the LCSD for ALCS1UG-062515 for methyl tert-butyl ether (high %REC).

Based upon the LCS / LCSD results, only one VOC was detected in the field sample (i.e., methyl isobutyl ketone). As this VOC was detected in both the field sample and associated blind duplicate sample at very similar and low concentrations, the data do not appear to have been significantly affected by laboratory-related accuracy or precision issues.

Questions and Responses as per DER-10

1. Is the data package complete as defined under the current requirements for the NYSDEC ASP Category B or USEPA CLP deliverables?

   The data package is complete. The external and internal chain of custody forms are present and complete. The case narrative and sample analysis summaries are present and complete. The analytical QA / QC summary forms, including surrogate recovery forms, LCS forms, IDL forms, initial and continuing calibration summary forms, standards raw data, tuning criteria report, and MB data are all present and complete. The data report forms, including sample prep logs, injection logs, and examples of the calculations used to determine the sample concentrations are all present and complete. The raw data used to identify and quantify the contract-specified analytes are present and complete.

2. Have all holding times been met?

   All samples were received and analyzed within the EPA-recommended holding times for the analyses performed.

3. Do all the QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data, fall within the protocol-required limits and specifications?

   No – Although the majority of QC data were found to fall within the protocol-required limits and specifications, minor exceptions were noted above; however, these exceptions do not appear to significantly affect the data set.

4. Have all of the data been generated using established and agreed-upon analytical protocols?

   Yes - all of the data were generated using TO-15 for VOCs.

5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

   Yes – a representative number of raw data results were compared with the reported data results to confirm that the reported analytical results (identification and quantification) are substantiated by the raw data.

6. Have the correct data qualifiers been used?

   Yes – results below the quantitation limit and above the method detection limit have been J-qualified.

7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheets from the data package been attached to the DUSR?

Yes – exceedances have been noted in the DUSR and the corresponding QC summary sheets are attached.

Conclusions

The soil vapor / QA/QC samples were reported to have been collected in accordance with the NYSDEC-approved QAPP for this project. No field or laboratory conditions occurred that would result in non-valid analytical data other than as noted above. The data appear to be adequate for their intended purpose.

Attachments

TABLE 3.2.4.1
SOIL VAPOR ANALYTICAL DATA - 2015
FORMER NUHART PLASTIC MANUFACTURING FACILITY, SITE #224136
280 FRANKLIN STREET, BROOKLYN, NEW YORK

Sample Number	SV-1	SV-1D (duplicate)	SV-2	SV-3	SV-4	Trip Blank	Ambient	SG-5	SG-5D (duplicate)	Indoor Air Background Levels, Commercial *
Date	4/24/15							6/19/15		
Volatile Organic Compounds in micrograms per cubic meter										
1,1,1-Trichloroethane	ND	ND	2.1	ND	ND	ND	ND	ND	ND	2.6 - 33.0
1,2,4-Trimethylbenzene	9.8	11	9.3	9.8	190	ND	ND	4.1	3.9	1.7 - 13.7
1,3,5-Trimethylbenzene	2.3	2.3	2.9	3.3	83	ND	ND	2.4	2.5	ND - 4.6
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	150	150	ND - 1.7
2,2,4-Trimethylpentane	38	43	76	8.9	44	ND	ND	6.1	ND	-
4-Ethyltoluene	3.7	3.8	5.5	5.9	110	ND	ND	1.3	1.2	ND - 5.9
Acetone	100	120	490	510	570	ND	12	480	500	32.4 - 120.2
Benzene	1,600	1,600	19	11	41	ND	0.45 J	60	67	2.1 - 12.5
Bromodichloromethane	ND	ND	0.80 J	ND	ND	ND	ND	ND	ND	-
Carbon disulfide	0.84	1.1	17	8.7	15	ND	ND	22	20	ND - 6.4
Carbon tetrachloride	ND	ND	ND	ND	0.69 J	ND	0.75 J	ND	ND	ND - 0.7
Chloroform	ND	ND	16	ND	1.2	ND	ND	ND	ND	ND - 1.4
Chloromethane	ND	ND	ND	0.85	ND	ND	0.87	ND	ND	2.1 - 4.4
cis-1,2-Dichloroethene	11	11	3.2	ND	ND	ND	ND	6.0	6.0	ND
Cyclohexane	38	42	7.9	3.6	8.3	ND	ND	24	28	-
Ethyl acetate	6.8 J	5.8 J	20	120	160	ND	0.54 J	ND	ND	ND - 9.5
Ethylbenzene	11	10	48	14	330	ND	ND	5.1	5.1	ND - 7.6
Freon 11 (Trichlorofluoromethane)	ND	ND	1.7	1.6	5.7	ND	1.7	1.1	0.90	ND - 54.0
Freon 113 (Trichlorotrifluoroethane)	ND	ND	1.8	ND	ND	ND	ND	ND	ND	ND - 1.8
Freon 12 (Dichlorodifluoromethane)	ND	ND	2.2	2.9	2.4	ND	2.9	3.4	2.6	4.8 - 32.9
Heptane	25	27	40	20	32	ND	0.49 J	23	24	ND - 3.1
Hexane	74	78	25	ND	ND	ND	ND	47	42	1.6 - 15.2
Isopropyl alcohol	ND	ND	ND	49	53	ND	1.5	ND	ND	-
Xylene (m,p)	37	31	100	42	1,200	ND	ND	9.4	9.4	4.1 - 28.5
Methyl Ethyl Ketone	ND	ND	56	55	50	ND	1.1	47	37	3.3 - 13.5
Methyl Isobutyl Ketone	ND	ND	23	9.4 J	10 J	ND	ND	3.2	2.5	-
Methylene chloride	ND	ND	4.0	3.8	4.9	ND	0.80	1.0	0.80	ND - 16.0
Xylene (o)	11	10	25	12	520	ND	ND	6.6	6.8	ND - 11.2
Tetrachloroethylene	8.7	8.9	7.9	0.88 J	ND	ND	ND	6.0	6.3	ND - 25.4
Toluene	60	56	240	80	1,100	ND	2.9	9.4	8.3	10.7 - 70.8
Trichloroethene	140	120	1,100	0.81	ND	ND	ND	9.4	9.9	ND - 6.5
Vinyl Chloride	44	43	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

Only compounds detected in one or more samples are reported. See laboratory reports for complete data.
ND = Not detected.
J = Analyte detected at or below quantitation limits.
- = Background concentration not established.

CENTEK LABORATORIES, LLC

Date: *29-Jul-15*

CLIENT: FPM Group, Ltd.
Project: 48 Commercial
Lab Order: C1506069

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Centek Laboratories, LLC SOP TS-80
Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the corrective action report(s). All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination.

NYSDEC ASP samples:
Canisters should be evacuated to a reading of less than or equal to 50 millitorr prior to shipment to sampling personnel. The vacuum in the canister will be field checked prior to sampling, and must read 28" of Hg (±2", vacuum, absolute) before a sample can be collected. After the sample has been collected, the pressure of the canister will be read and recorded again, and must be 5" of Hg (±1", vacuum, absolute) for the sample to be valid. Once received at the laboratory, the canister vacuum should be confirmed to be 5" of Hg,±1". Please record and report the pressure/vacuum of received canisters on the sample receipt paperwork. A pressure/vacuum reading should also be taken just prior to the withdrawal of sample from the canister, and recorded on the sample preparation log sheet. All regulators are calibrated to meet these requirements before they leave the laboratory. However, due to environmental conditions and use of the equipment Centek can not guarantee that this criteria can always be achieved.

See Corrective Action: [3256] IS did not meet criteria.

Centek Laboratories, LLC

Corrective Action Report

Date Initiated: 25-Jun-15 **Corrective Action Report ID:** 3256

Initiated By: Russell Pellegrino **Department:** MSVOA

Corrective Action Description

CAR Summary: IS did not meet criteria.

Description of Nonconformance Root/Cause(s): IS was high and did not meet criteria for samples C1506069-001 & 002. Based on the chromatographic evidence, it appears that the contamination is from a high concentration of interfering compounds.

Description of Corrective Action w/Proposed C.A.: Samples were analyzed further as dilutions with criteria being met. Due to matrix being in a canister it is difficult to see any signs of problems. All sets of data submitted.

Performed By: Russell Pellegrino **Completion Date:** 26-Jun-15

Client Notification

Client Notification Required: No **Notified By:**

Comment:

Quality Assurance Review

Nonconformance Type: Deficiency

Further Action required by QA: Monitor all quality control for sample matrix interference. At this time no further corrective action taken. All sets of data submitted.

Approval and Closure

Technical Director / Deputy Tech. Dir.: William Dobbin **Close Date:** 27-Jun-15

QA Officer Approval: Nick Scala **QA Date:** 27-Jun-15

Last Updated BY: russ Updated: 19-Aug-2015 9:48 AM Reported: 19-Aug-2015 9:49 AM

Centek Chain of Custody

Centek Laboratories

143 Midler Park Drive
Syracuse, NY 13206
315-431-9730
www.CentekLabs.com

Vapor Intrusion & IAQ

Site Name: 48 COMMERCIAL
Project:
PO#: 11346-15-1.0
Quote #: Q-50 / 80
Other: 5096

Detection Limit	Report Level
☐ 5ppbv	☐ Level I
☒ 1ug/M3	☐ Level II
☐ 1ug/M3 +TCE .25	☒ Cat "B" Like

TAT Turnaround Time:	Check One	Rush TAT Surcharge %	Due Date:
5 Business Days	☒	0%	
4 Business Days	☐	25%	
3 Business Days	☐	50%	
2 Business Days	☐	75%	
*Next Day by 5pm	☐	100%	
*Next Day by Noon	☐	150%	
*Same Day	☐	200%	

*For Same and Next Day TAT Please Notify Lab

Company: FPM
Report to: John Bukoski
Address:
City, State, Zip: 901 Marconi Ave Ronkonkoma, NY 11779
Email: j.bukoski@fpm-group.com
Phone: 516-381-3535

Company:
Check Here If Same: ☒
Invoice to:
Address:
City, State, Zip
Email:
Phone:

Sample ID	Date Sampled	Canister Number	Regulator Number	Analysis Request	Comments	Vacuum Start/Stop
SG-5	6/19/15	1189	149	TO-15		-30/-5
SG-5D	↓	191	110	TO-15		-30/-2

Chain of Custody	Print Name	Signature	Date/Time	Courier: CIRCLE ONE
Sampled by:	John Bukoski	John S Bukoski	6/19/15 1130	FedEx UPS Pickup/Dropoff
Relinquished by:	John Bukoski	John S Bukoski	6/19/15 1500	For LAB USE ONLY
Received at Lab by:	NICK MARCHESANO		6-23-15	Work Order # C1506069

*** By signing Centek Labs Chain of Custody, you are accepting Centek Labs Terms and Conditions listed on the reverse side.

CENTEK LABORATORIES, LLC

Sample Receipt Checklist

Client Name FPM - RONKONKOMA | Date and Time Receive 6/23/2015

Work Order Numbe C1506099 | Received by NM

Checklist completed by _____ 6-23-15 (Signature / Date) | Reviewed by WD 6/23/15 (Initials / Date)

Matrix: | Carrier name: FedEx Ground

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Presen ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Presen ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Presen ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☑	

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Date: 23-Jul-15

CENTEK LABORATORIES, LLC

QC SUMMARY REPORT
SURROGATE RECOVERIES

CLIENT: FPM Group, Ltd.
Work Order: C1506069
Project: 48 Commercial
Test No: TO-15 **Matrix:** A

Sample ID	BR4FBZ
ALCS1UG-062515 - LCS	101
ALCS1UGD-062515 - LCSD	105
AMB1UG-062515 - MB	80.0
C1506069-001A	110 OK
C1506069-002A	117

Acronym	Surrogate	QC Limits
BR4FBZ	Bromofluorobenzene	70-130

* Surrogate recovery outside acceptance limits

1

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA2\AM062503.D
Tune Time : 25 Jun 2015 9:47 am

Daily Calibration File : C:\HPCHEM\1\DATA2\AM062503.D

			(BFB)	(IS1)	(IS2)	(IS3)
				33051	130384	123436
File	Sample	DL	Surrogate Recovery %	Internal Standard Responses		
AM062504.D	ALCS1UG-062515		101	33350	136629	122980
AM062505.D	AMB1UG-062515		80	29331	122201	109057
AM062518.D	C1506069-001A		110	68613*	338624*	393133*
AM062519.D	C1506069-002A		117	90815*	452355*	492999*
AM062532.D	C1506069-001A	10x	108	27072	126057	124515
AM062534.D	C1506069-002A	10x	104	29554	125986	131074
AM062536.D	C1506069-001A	90x	84	30156	120279	108421
AM062537.D	C1506069-002A	90x	86	29111	122661	108725

failed
Diluted
OK

t - fails 24hr time check * - fails criteria

Created: Thu Jul 23 09:54:25 2015 MSD #1/

CENTEK LABORATORIES, LLC

Date: *23-Jul-15*

ANALYTICAL QC SUMMARY REPORT

CLIENT: FPM Group, Ltd.
Work Order: C1506069
Project: 48 Commercial

TestCode: 1ugM3_TO15

Sample ID	AMB1UG-062515	SampType:	MBLK	TestCode:	1ugM3_TO15	Units:	ppbV	Prep Date:		RunNo:	9804
Client ID:	ZZZZZ	Batch ID:	R9804	TestNo:	TO-15			Analysis Date:	6/25/2015	SeqNo:	115631

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.15	0.15									
1,1,2,2-Tetrachloroethane	< 0.15	0.15									
1,1,2-Trichloroethane	< 0.15	0.15									
1,1-Dichloroethane	< 0.15	0.15									
1,1-Dichloroethene	< 0.15	0.15									
1,2,4-Trichlorobenzene	< 0.15	0.15									
1,2,4-Trimethylbenzene	< 0.15	0.15									
1,2-Dibromoethane	< 0.15	0.15									
1,2-Dichlorobenzene	< 0.15	0.15									
1,2-Dichloroethane	< 0.15	0.15									
1,2-Dichloropropane	< 0.15	0.15									
1,3,5-Trimethylbenzene	< 0.15	0.15									
1,3-butadiene	< 0.15	0.15									
1,3-Dichlorobenzene	< 0.15	0.15									
1,4-Dichlorobenzene	< 0.15	0.15									
1,4-Dioxane	< 0.30	0.30									
2,2,4-trimethylpentane	< 0.15	0.15									
4-ethyltoluene	< 0.15	0.15									
Acetone	< 0.30	0.30									
Allyl chloride	< 0.15	0.15									
Benzene	< 0.15	0.15									
Benzyl chloride	< 0.15	0.15									
Bromodichloromethane	< 0.15	0.15									
Bromoform	< 0.15	0.15									
Bromomethane	< 0.15	0.15									

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits	H	Holding times for preparation or analysis exceeded
		R	RPD outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1506069
Project: 48 Commercial

TestCode: 1ugM3_TO15

Sample ID: AMB1UG-062515 SampType: MBLK TestCode: 1ugM3_TO15 Units: ppbV Prep Date: RunNo: 9804
Client ID: ZZZZZ Batch ID: R9804 TestNo: TO-15 Analysis Date: 6/25/2015 SeqNo: 115631

Analyte	Result	POL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	< 0.15	0.15									
Carbon tetrachloride	< 0.15	0.15									
Chlorobenzene	< 0.15	0.15									
Chloroethane	< 0.15	0.15									
Chloroform	< 0.15	0.15									
Chloromethane	< 0.15	0.15									
cis-1,2-Dichloroethene	< 0.15	0.15									
cis-1,3-Dichloropropene	< 0.15	0.15									
Cyclohexane	< 0.15	0.15									
Dibromochloromethane	< 0.15	0.15									
Ethyl acetate	< 0.25	0.25									
Ethylbenzene	< 0.15	0.15									
Freon 11	< 0.15	0.15									
Freon 113	< 0.15	0.15									
Freon 114	< 0.15	0.15									
Freon 12	< 0.15	0.15									
Heptane	< 0.15	0.15									
Hexachloro-1,3-buladiene	< 0.15	0.15									
Hexane	< 0.15	0.15									
Isopropyl alcohol	< 0.15	0.15									
m&p-Xylene	< 0.30	0.30									
Methyl Butyl Ketone	< 0.30	0.30									
Methyl Ethyl Ketone	< 0.30	0.30									
Methyl Isobutyl Ketone	< 0.30	0.30									
Methyl tert-butyl ether	< 0.15	0.15									
Methylene chloride	< 0.15	0.15									
o-Xylene	< 0.15	0.15									
Propylene	< 0.15	0.15									
Styrene	< 0.15	0.15									
Tetrachloroethylene	< 0.15	0.15									
Tetrahydrofuran	< 0.15	0.15									

Qualifiers:
- Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1506069
Project: 48 Commercial

TestCode: 1ugM3_TO15

Sample ID: AMB1UG-062515	SampType: MBLK	TestCode: 1ugM3_TO15	Units: ppbV		Prep Date:				RunNo: 9804		
Client ID: ZZZZZ	Batch ID: R9804	TestNo: TO-15			Analysis Date: 6/25/2015				SeqNo: 115631		
Analyte	Result	POL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	< 0.15	0.15									
trans-1,2-Dichloroethene	< 0.15	0.15									
trans-1,3-Dichloropropene	< 0.15	0.15									
Trichloroethene	< 0.15	0.15									
Vinyl acetate	< 0.15	0.15									
Vinyl Bromide	< 0.15	0.15									
Vinyl chloride	< 0.15	0.15									

Qualifiers:

- Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CENTEK LABORATORIES, LLC

Date: *23-Jul-15*

ANALYTICAL QC SUMMARY REPORT

CLIENT: FPM Group, Ltd.
Work Order: C1506069
Project: 48 Commercial

TestCode: 1ugM3_TO15

Sample ID	ALCS1UG-062515	SampType:	LCS	TestCode:	1ugM3_TO15	Units:	ppbV	Prep Date:		RunNo:	9804
Client ID:	ZZZZZ	Batch ID:	R9804	TestNo:	TO-15			Analysis Date:	6/25/2015	SeqNo:	115632

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.130	0.15	1	0	113	70	130				
1,1,2,2-Tetrachloroethane	0.9200	0.15	1	0	92.0	70	130				
1,1,2-Trichloroethane	0.9400	0.15	1	0	94.0	70	130				
1,1-Dichloroethane	0.9000	0.15	1	0	90.0	70	130				
1,1-Dichloroethene	1.220	0.15	1	0	122	70	130				
1,2,4-Trichlorobenzene	0.7800	0.15	1	0	78.0	70	130				
1,2,4-Trimethylbenzene	0.9700	0.15	1	0	97.0	70	130				
1,2-Dibromoethane	1.000	0.15	1	0	100	70	130				
1,2-Dichlorobenzene	1.010	0.15	1	0	101	70	130				
1,2-Dichloroethane	1.040	0.15	1	0	104	70	130				
1,2-Dichloropropane	0.8400	0.15	1	0	84.0	70	130				
1,3,5-Trimethylbenzene	1.030	0.15	1	0	103	70	130				
1,3-buladiene	1.240	0.15	1	0	124	70	130				
1,3-Dichlorobenzene	1.070	0.15	1	0	107	70	130				
1,4-Dichlorobenzene	1.060	0.15	1	0	106	70	130				
1,4-Dioxane	0.5900	0.30	1	0	59.0	70	130				S
2,2,4-trimethylpentane	0.7700	0.15	1	0	77.0	70	130				
4-ethyltoluene	1.010	0.15	1	0	101	70	130				
Acetone	1.160	0.30	1	0	116	70	130				
Allyl chloride	1.200	0.15	1	0	120	70	130				
Benzene	0.9100	0.15	1	0	91.0	70	130				
Benzyl chloride	1.040	0.15	1	0	104	70	130				
Bromodichloromethane	1.080	0.15	1	0	108	70	130				
Bromoform	1.110	0.15	1	0	111	70	130				
Bromomethane	1.270	0.15	1	0	127	70	130				

Qualifiers:

. Results reported are not blank corrected
J Analyte detected at or below quantitation limits
S Spike Recovery outside accepted recovery limits
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1506069
Project: 48 Commercial

TestCode: 1ugM3_TO15

Sample ID: ALCS1UG-062515	SampType: LCS	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9804
Client ID: ZZZZZ	Batch ID: R9804	TestNo: TO-15		Analysis Date: 6/25/2015	SeqNo: 115632

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	1.350	0.15	1	0	135	70	130				S
Carbon tetrachloride	1.080	0.15	1	0	108	70	130				
Chlorobenzene	1.020	0.15	1	0	102	70	130				
Chloroethane	1.230	0.15	1	0	123	70	130				
Chloroform	1.020	0.15	1	0	102	70	130				
Chloromethane	1.190	0.15	1	0	119	70	130				
cis-1,2-Dichloroethene	0.8800	0.15	1	0	88.0	70	130				
cis-1,3-Dichloropropene	0.9600	0.15	1	0	96.0	70	130				
Cyclohexane	0.8400	0.15	1	0	84.0	70	130				
Dibromochloromethane	1.110	0.15	1	0	111	70	130				
Ethyl acetate	0.7200	0.25	1	0	72.0	70	130				
Ethylbenzene	0.9800	0.15	1	0	98.0	70	130				
Freon 11	1.270	0.15	1	0	127	70	130				
Freon 113	1.290	0.15	1	0	129	70	130				
Freon 114	1.230	0.15	1	0	123	70	130				
Freon 12	1.060	0.15	1	0	106	70	130				
Heptane	0.7800	0.15	1	0	78.0	70	130				
Hexachloro-1,3-butadiene	1.050	0.15	1	0	105	70	130				
Hexane	0.8200	0.15	1	0	82.0	70	130				
Isopropyl alcohol	1.070	0.15	1	0	107	70	130				
m&p-Xylene	2.050	0.30	2	0	103	70	130				
Methyl Butyl Ketone	0.6400	0.30	1	0	64.0	70	130				S
Methyl Ethyl Ketone	0.7600	0.30	1	0	76.0	70	130				
Methyl Isobutyl Ketone	0.4200	0.30	1	0	42.0	70	130				S
Methyl tert-butyl ether	0.8000	0.15	1	0	80.0	70	130				
Methylene chloride	1.290	0.15	1	0	129	70	130				
o-Xylene	1.050	0.15	1	0	105	70	130				
Propylene	0.7900	0.15	1	0	79.0	70	130				
Styrene	1.020	0.15	1	0	102	70	130				
Tetrachloroethylene	1.090	0.15	1	0	109	70	130				
Tetrahydrofuran	0.8200	0.15	1	0	82.0	70	130				

Qualifiers:
- . Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1506069
Project: 48 Commercial

TestCode: 1ugM3_TO15

Sample ID: ALCS1UG-062515	SampType: LCS	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9804
Client ID: ZZZZZ	Batch ID: R9804	TestNo: TO-15		Analysis Date: 6/25/2015	SeqNo: 115632

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	0.9700	0.15	1	0	97.0	70	130				
trans-1,2-Dichloroethene	0.9300	0.15	1	0	93.0	70	130				
trans-1,3-Dichloropropene	0.9400	0.15	1	0	94.0	70	130				
Trichloroethene	0.9900	0.15	1	0	99.0	70	130				
Vinyl acetate	0.7700	0.15	1	0	77.0	70	130				
Vinyl Bromide	1.170	0.15	1	0	117	70	130				
Vinyl chloride	1.140	0.15	1	0	114	70	130				

Sample ID: ALCS1UGD-062515	SampType: LCSD	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9804
Client ID: ZZZZZ	Batch ID: R9804	TestNo: TO-15		Analysis Date: 6/26/2015	SeqNo: 115633

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.170	0.15	1	0	117	70	130	1.13	3.48	30	
1,1,2,2-Tetrachloroethane	0.9700	0.15	1	0	97.0	70	130	0.92	5.29	30	
1,1,2-Trichloroethane	1.040	0.15	1	0	104	70	130	0.94	10.1	30	
1,1-Dichloroethane	0.9200	0.15	1	0	92.0	70	130	0.9	2.20	30	
1,1-Dichloroethene	1.290	0.15	1	0	129	70	130	1.22	5.58	30	
1,2,4-Trichlorobenzene	0.9900	0.15	1	0	99.0	70	130	0.78	23.7	30	
1,2,4-Trimethylbenzene	1.060	0.15	1	0	106	70	130	0.97	8.87	30	
1,2-Dibromoethane	1.040	0.15	1	0	104	70	130	1	3.92	30	
1,2-Dichlorobenzene	1.080	0.15	1	0	108	70	130	1.01	6.70	30	
1,2-Dichloroethane	1.060	0.15	1	0	106	70	130	1.04	1.90	30	
1,2-Dichloropropane	0.9000	0.15	1	0	90.0	70	130	0.84	6.90	30	
1,3,5-Trimethylbenzene	1.090	0.15	1	0	109	70	130	1.03	5.66	30	
1,3-butadiene	1.250	0.15	1	0	125	70	130	1.24	0.803	30	
1,3-Dichlorobenzene	1.160	0.15	1	0	116	70	130	1.07	8.07	30	
1,4-Dichlorobenzene	1.190	0.15	1	0	119	70	130	1.06	11.6	30	
1,4-Dioxane	0.5600	0.30	1	0	56.0	70	130	0.59	5.22	30	S
2,2,4-trimethylpentane	0.7900	0.15	1	0	79.0	70	130	0.77	2.56	30	
4-ethyltoluene	1.050	0.15	1	0	105	70	130	1.01	3.88	30	

Qualifiers:

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- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1506069
Project: 48 Commercial

TestCode: 1ugM3_TO15

Sample ID ALCS1UGD-062515	SampType: LCSD	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9804
Client ID: ZZZZZ	Batch ID: R9804	TestNo: TO-15		Analysis Date: 6/26/2015	SeqNo: 115633

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	1.160	0.30	1	0	116	70	130	1.16	0	30	
Allyl chloride	1.230	0.15	1	0	123	70	130	1.2	2.47	30	
Benzene	0.9400	0.15	1	0	94.0	70	130	0.91	3.24	30	
Benzyl chloride	1.190	0.15	1	0	119	70	130	1.04	13.5	30	
Bromodichloromethane	1.100	0.15	1	0	110	70	130	1.08	1.83	30	
Bromoform	1.200	0.15	1	0	120	70	130	1.11	7.79	30	
Bromomethane	1.230	0.15	1	0	123	70	130	1.27	3.20	30	
Carbon disulfide	1.210	0.15	1	0	121	70	130	1.35	10.9	30	
Carbon tetrachloride	1.140	0.15	1	0	114	70	130	1.08	5.41	30	
Chlorobenzene	1.050	0.15	1	0	105	70	130	1.02	2.90	30	
Chloroethane	1.240	0.15	1	0	124	70	130	1.23	0.810	30	
Chloroform	1.030	0.15	1	0	103	70	130	1.02	0.976	30	
Chloromethane	1.220	0.15	1	0	122	70	130	1.19	2.49	30	
cis-1,2-Dichloroethene	0.9200	0.15	1	0	92.0	70	130	0.88	4.44	30	
cis-1,3-Dichloropropene	0.9900	0.15	1	0	99.0	70	130	0.96	3.08	30	
Cyclohexane	0.8400	0.15	1	0	84.0	70	130	0.84	0	30	
Dibromochloromethane	1.090	0.15	1	0	109	70	130	1.11	1.82	30	
Ethyl acetate	0.7200	0.25	1	0	72.0	70	130	0.72	0	30	
Ethylbenzene	1.040	0.15	1	0	104	70	130	0.98	5.94	30	
Freon 11	1.260	0.15	1	0	126	70	130	1.27	0.791	30	
Freon 113	1.190	0.15	1	0	119	70	130	1.29	8.06	30	
Freon 114	1.230	0.15	1	0	123	70	130	1.23	0	30	
Freon 12	1.060	0.15	1	0	106	70	130	1.06	0	30	
Heptane	0.8100	0.15	1	0	81.0	70	130	0.78	3.77	30	
Hexachloro-1,3-butadiene	1.270	0.15	1	0	127	70	130	1.06	19.0	30	
Hexane	0.8100	0.15	1	0	81.0	70	130	0.82	1.23	30	
Isopropyl alcohol	1.210	0.15	1	0	121	70	130	1.07	12.3	30	
m&p-Xylene	2.150	0.30	2	0	108	70	130	2.05	4.76	30	
Methyl Butyl Ketone	0.5200	0.30	1	0	52.0	70	130	0.64	20.7	30	S
Methyl Ethyl Ketone	0.7500	0.30	1	0	75.0	70	130	0.76	1.32	30	
Methyl Isobutyl Ketone	0.4800	0.30	1	0	48.0	70	130	0.42	13.3	30	S

Qualifiers:

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- ND Not Detected at the Reporting Limit
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- R RPD outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1506069
Project: 48 Commercial

TestCode: 1ugM3_TO15

Sample ID ALCS1UGD-062515	SampType: LCSD	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 9804
Client ID: ZZZZZ	Batch ID: R9804	TestNo: TO-15		Analysis Date: 6/26/2015	SeqNo: 115633

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	1.270	0.15	1	0	127	70	130	0.8	45.4	30	R
Methylene chloride	1.280	0.15	1	0	128	70	130	1.29	0.778	30	
o-Xylene	1.110	0.15	1	0	111	70	130	1.05	5.56	30	
Propylene	0.7200	0.15	1	0	72.0	70	130	0.79	9.27	30	
Styrene	1.100	0.15	1	0	110	70	130	1.02	7.55	30	
Tetrachloroethylene	1.130	0.15	1	0	113	70	130	1.09	3.60	30	
Tetrahydrofuran	0.7700	0.15	1	0	77.0	70	130	0.82	6.29	30	
Toluene	1.060	0.15	1	0	106	70	130	0.97	8.87	30	
trans-1,2-Dichloroethene	1.190	0.15	1	0	119	70	130	0.93	24.5	30	
trans-1,3-Dichloropropene	0.9700	0.15	1	0	97.0	70	130	0.94	3.14	30	
Trichloroethene	1.010	0.15	1	0	101	70	130	0.99	2.00	30	
Vinyl acetate	0.7600	0.15	1	0	76.0	70	130	0.77	1.31	30	
Vinyl Bromide	1.280	0.15	1	0	128	70	130	1.17	8.98	30	
Vinyl chloride	1.160	0.15	1	0	116	70	130	1.14	1.74	30	

Qualifiers:

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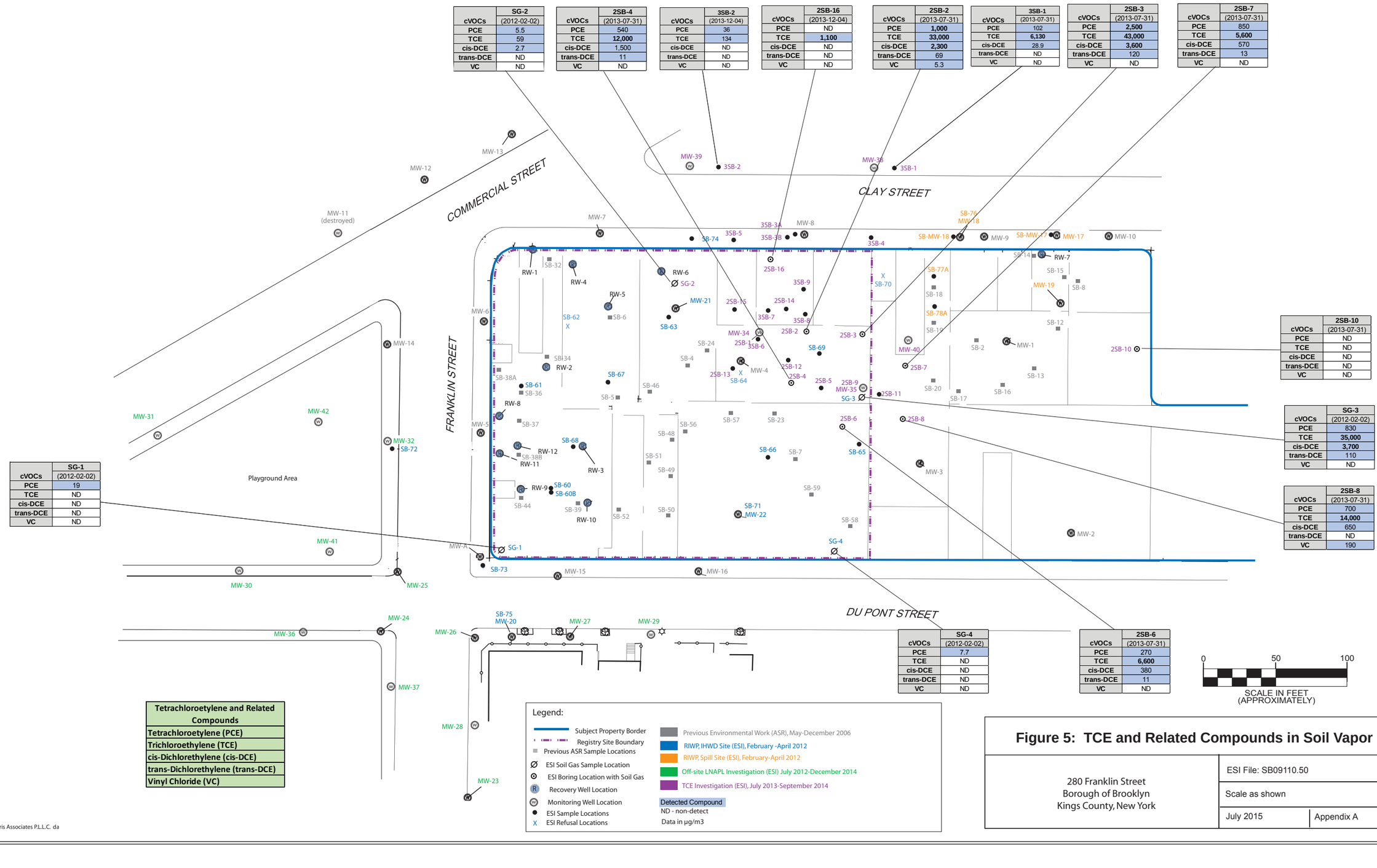
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

APPENDIX E

SUMMARIES OF CVOC IMPACTS

Ecosystems Strategies, Inc.



	SG-2
cVOCs	(2012-02-02)
PCE	5.5
TCE	59
cis-DCE	2.7
trans-DCE	ND
VC	ND

	2SB-4
cVOCs	(2013-07-31)
PCE	540
TCE	**12,000**
cis-DCE	1,500
trans-DCE	11
VC	ND

	3SB-2
cVOCs	(2013-12-04)
PCE	36
TCE	134
cis-DCE	ND
trans-DCE	ND
VC	ND

	2SB-16
cVOCs	(2013-12-04)
PCE	ND
TCE	**1,100**
cis-DCE	ND
trans-DCE	ND
VC	ND

	2SB-2
cVOCs	(2013-07-31)
PCE	**1,000**
TCE	**33,000**
cis-DCE	**2,300**
trans-DCE	69
VC	5.3

	3SB-1
cVOCs	(2013-07-31)
PCE	102
TCE	**6,130**
cis-DCE	28.9
trans-DCE	ND
VC	ND

	2SB-3
cVOCs	(2013-07-31)
PCE	**2,500**
TCE	**43,000**
cis-DCE	**3,600**
trans-DCE	120
VC	ND

	2SB-7
cVOCs	(2013-07-31)
PCE	850
TCE	**5,600**
cis-DCE	570
trans-DCE	13
VC	ND

	2SB-10
cVOCs	(2013-07-31)
PCE	ND
TCE	ND
cis-DCE	ND
trans-DCE	ND
VC	ND

	SG-3
cVOCs	(2012-02-02)
PCE	830
TCE	**35,000**
cis-DCE	**3,700**
trans-DCE	110
VC	ND

	2SB-8
cVOCs	(2013-07-31)
PCE	700
TCE	**14,000**
cis-DCE	650
trans-DCE	ND
VC	190

	SG-1
cVOCs	(2012-02-02)
PCE	19
TCE	ND
cis-DCE	ND
trans-DCE	ND
VC	ND

	SG-4
cVOCs	(2012-02-02)
PCE	7.7
TCE	ND
cis-DCE	ND
trans-DCE	ND
VC	ND

	2SB-6
cVOCs	(2013-07-31)
PCE	270
TCE	**6,600**
cis-DCE	380
trans-DCE	11
VC	ND

Tetrachloroetylene and Related Compounds
Tetrachloroetylene (PCE)
Trichloroethylene (TCE)
cis-Dichlorethylene (cis-DCE)
trans-Dichlorethylene (trans-DCE)
Vinyl Chloride (VC)

Legend:

- Subject Property Border
- Registry Site Boundary
- Previous ASR Sample Locations
- ESI Soil Gas Sample Location
- ESI Boring Location with Soil Gas
- Recovery Well Location
- Monitoring Well Location
- ESI Sample Locations
- ESI Refusal Locations

- Previous Environmental Work (ASR), May-December 2006
- RIWP, IHWD Site (ESI), February -April 2012
- RIWP, Spill Site (ESI), February-April 2012
- Off-site LNAPL Investigation (ESI) July 2012-December 2014
- TCE Investigation (ESI), July 2013-September 2014

Detected Compound
ND - non-detect
Data in µg/m3

Base map provided by Morris Associates P.L.L.C. da

Figure 5: TCE and Related Compounds in Soil Vapor

280 Franklin Street
Borough of Brooklyn
Kings County, New York

ESI File: SB09110.50

Scale as shown

July 2015 | Appendix A

Ecosystems Strategies, Inc.

cVOCs	2SB-15 (2013-11-25)
PCE	7.5
TCE	110
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	3SB-7 (10-15) (2014-09-24)
PCE	ND
TCE	32
cis-DCE	14
trans-DCE	ND
VC	ND

cVOCs	3SB-5 (10-15) (2014-09-22)	3SB-5 (15-20) (2014-09-22)
PCE	ND	ND
TCE	99	1,300
cis-DCE	13	21
trans-DCE	ND	ND
VC	ND	ND

cVOCs	3SB-3B (15-20) (2014-09-22)
PCE	ND
TCE	2,600
cis-DCE	19
trans-DCE	ND
VC	ND

cVOCs	3SB-3A (0-5) (2014-09-22)	3SB-3A (10-15) (2014-09-22)
PCE	ND	ND
TCE	12	14,000
cis-DCE	ND	540
trans-DCE	ND	ND
VC	ND	ND

cVOCs	3SB-9 (15-20) (2014-09-24)	3SB-9 (20-25) (2014-09-24)
PCE	31	ND
TCE	2,600	6.2
cis-DCE	510	ND
trans-DCE	2.7	ND
VC	10	ND

cVOCs	3SB-4 (15-20) (2014-09-22)	3SB-4 (20-25) (2014-09-22)
PCE	ND	ND
TCE	5,700	8,100
cis-DCE	2,400	76
trans-DCE	ND	ND
VC	39	ND

cVOCs	2SB-14 (2013-11-25)
PCE	ND
TCE	26
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	2SB-4 (0-5) (2013-08-01)	2SB-4 (10-15) (2013-08-01)
PCE	ND	ND
TCE	26	190
cis-DCE	ND	100
trans-DCE	ND	ND
VC	ND	ND

cVOCs	2SB-12 (2013-11-25)
PCE	2.9
TCE	13
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	2SB-1/MW-34 (10-15) (2013-08-01)	2SB-1/MW-34 (15-20) (2013-08-01)
PCE	ND	3.2 J
TCE	1,000	2,700
cis-DCE	96	430 J
trans-DCE	ND	ND
VC	ND	6.2

cVOCs	SB-MW-17 (12-16) (2012-04-19)
PCE	ND
TCE	2.4 J
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	3SB-8 (0-5) (2014-09-24)	3SB-8 (15-20) (2014-09-24)
PCE	ND	2.6
TCE	14	710
cis-DCE	ND	270
trans-DCE	ND	ND
VC	ND	ND

cVOCs	2SB-13 (2013-11-25)
PCE	11
TCE	56
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	2SB-2 (0-5) (2013-08-01)	2SB-2 (10-15) (2013-08-01)
PCE	20	ND
TCE	5,400	100
cis-DCE	23	21
trans-DCE	ND	ND
VC	ND	ND

cVOCs	SB-67 (2012-02-02)
PCE	3.5 J
TCE	10
cis-DCE	1.8 J
trans-DCE	ND
VC	ND

cVOCs	2SB-3 (10-15) (2013-08-01)
PCE	ND
TCE	77
cis-DCE	15
trans-DCE	ND
VC	ND

cVOCs	MW-40 (0-5) (2014-09-24)	MW-40 (15-20) (2014-09-24)
PCE	ND	ND
TCE	7.6	56
cis-DCE	ND	ND
trans-DCE	ND	ND
VC	ND	ND

cVOCs	SB-61 (2012-02-01)
PCE	ND
TCE	16 J
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	2SB-7 (10-15) (2013-08-01)
PCE	ND
TCE	4.1 J
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	SB-60 (2012-02-01)
PCE	9.3 J
TCE	26 J
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	SB-69 (2012-02-01)
PCE	ND
TCE	1.9 J
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	2SB-11 (10-15) (2013-08-01)
PCE	ND
TCE	5.5
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	2SB-9/MW-35 (0-5) (2013-08-01)	2SB-9/MW-35 (10-15) (2013-08-01)
PCE	ND	ND
TCE	7.4	33
cis-DCE	ND	6.9
trans-DCE	ND	ND
VC	ND	ND

cVOCs	SB-66 (12-16) (2012-04-19)
PCE	ND
TCE	2.7 J
cis-DCE	ND
trans-DCE	ND
VC	ND

cVOCs	2SB-5 (10-15) (2013-08-01)
PCE	ND
TCE	66
cis-DCE	33
trans-DCE	ND
VC	ND

cVOCs	SB-65 (8-12) (2012-04-19)
PCE	ND
TCE	ND
cis-DCE	120
trans-DCE	ND
VC	ND

cVOCs	2SB-6 (10-15) (2013-08-01)
PCE	ND
TCE	3.8 J
cis-DCE	ND
trans-DCE	ND
VC	ND

Tetrachloroetylene and Related Compounds	Unrestricted SCOs	Restricted Residential SCOs
Tetrachloroetylene (PCE)	1,300	19,000
Trichloroethylene (TCE)	470	21,000
cis-Dichlorethylene (cis-DCE)	250	100,000
trans-Dichlorethylene (trans-DCE)	190	100,000
Vinyl Chloride (VC)	20	900

Legend:

- Subject Property Border
- Registry Site Boundary
- Previous ASR Sample Locations
- ESI Soil Gas Sample Location
- ESI Boring Location with Soil Gas
- Recovery Well Location
- Monitoring Well Location
- ESI Sample Locations
- ESI Refusal Locations
- Previous Environmental Work (ASR), May-December 2006
- RIWP, IHWD Site (ESI), February -April 2012
- RIWP, Spill Site (ESI), February-April 2012
- Off-site LNAPL Investigation (ESI) July 2012-December 2014
- TCE Investigation (ESI), July 2013-September 2014

ND - non-detect
all compounds are non-detect
Data in µg/kg

Below UUSCO
Above UUSCO
Above RRUSCO

0 50 100
SCALE IN FEET (APPROXIMATELY)

N

Base map provided by Morris Associates P.L.L.C. da

Figure 7: TCE and Related Compounds in Soil

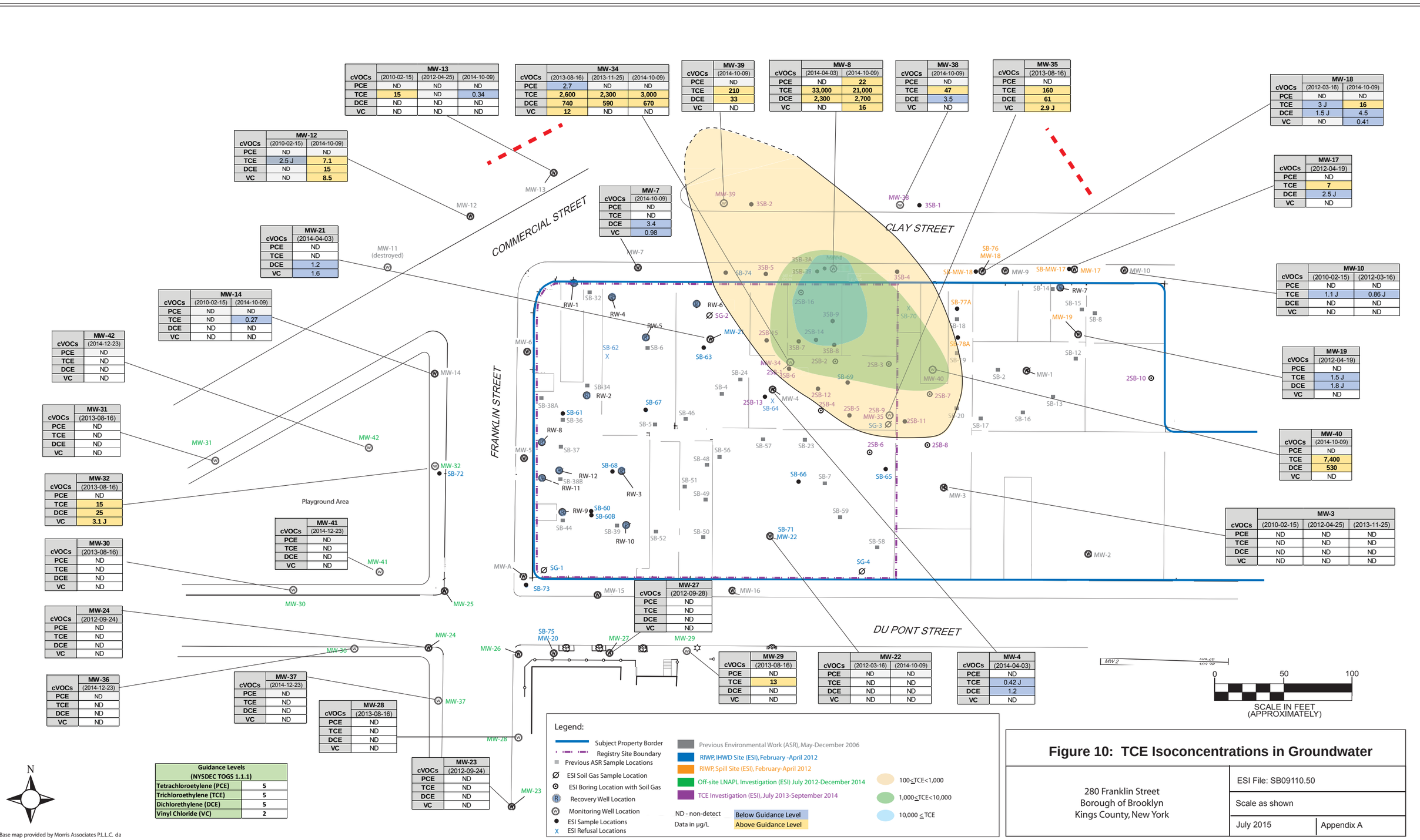
280 Franklin Street
Borough of Brooklyn
Kings County, New York

ESI File: SB09110.50

Scale as shown

July 2015 | Appendix A

Ecosystems Strategies, Inc.



	MW-13		
cVOCs	(2010-02-15)	(2012-04-25)	(2014-10-09)
PCE	ND	ND	ND
TCE	15	ND	0.34
DCE	ND	ND	ND
VC	ND	ND	ND

	MW-34		
cVOCs	(2013-08-16)	(2013-11-25)	(2014-10-09)
PCE	2.7	ND	ND
TCE	2,600	2,300	3,000
DCE	740	590	670
VC	12	ND	ND

	MW-39
cVOCs	(2014-10-09)
PCE	ND
TCE	210
DCE	33
VC	ND

	MW-8	
cVOCs	(2014-04-03)	(2014-10-09)
PCE	ND	22
TCE	33,000	21,000
DCE	2,300	2,700
VC	ND	16

	MW-38
cVOCs	(2014-10-09)
PCE	ND
TCE	47
DCE	3.5
VC	ND

	MW-35
cVOCs	(2013-08-16)
PCE	ND
TCE	160
DCE	61
VC	2.9 J

	MW-18	
cVOCs	(2012-03-16)	(2014-10-09)
PCE	ND	ND
TCE	3 J	16
DCE	1.5 J	4.5
VC	ND	0.41

	MW-12	
cVOCs	(2010-02-15)	(2014-10-09)
PCE	ND	ND
TCE	2.5 J	7.1
DCE	ND	15
VC	ND	8.5

	MW-7
cVOCs	(2014-10-09)
PCE	ND
TCE	ND
DCE	3.4
VC	0.98

	MW-17
cVOCs	(2012-04-19)
PCE	ND
TCE	7
DCE	2.5 J
VC	ND

	MW-21
cVOCs	(2014-04-03)
PCE	ND
TCE	ND
DCE	1.2
VC	1.6

	MW-14	
cVOCs	(2010-02-15)	(2014-10-09)
PCE	ND	ND
TCE	ND	0.27
DCE	ND	ND
VC	ND	ND

	MW-10	
cVOCs	(2010-02-15)	(2012-03-16)
PCE	ND	ND
TCE	1.1 J	0.86 J
DCE	ND	ND
VC	ND	ND

	MW-42
cVOCs	(2014-12-23)
PCE	ND
TCE	ND
DCE	ND
VC	ND

	MW-19
cVOCs	(2012-04-19)
PCE	ND
TCE	1.5 J
DCE	1.8 J
VC	ND

	MW-31
cVOCs	(2013-08-16)
PCE	ND
TCE	ND
DCE	ND
VC	ND

	MW-40
cVOCs	(2014-10-09)
PCE	ND
TCE	7,400
DCE	530
VC	ND

	MW-32
cVOCs	(2013-08-16)
PCE	ND
TCE	15
DCE	25
VC	3.1 J

	MW-41
cVOCs	(2014-12-23)
PCE	ND
TCE	ND
DCE	ND
VC	ND

	MW-3		
cVOCs	(2010-02-15)	(2012-04-25)	(2013-11-25)
PCE	ND	ND	ND
TCE	ND	ND	ND
DCE	ND	ND	ND
VC	ND	ND	ND

	MW-30
cVOCs	(2013-08-16)
PCE	ND
TCE	ND
DCE	ND
VC	ND

	MW-27
cVOCs	(2012-09-28)
PCE	ND
TCE	ND
DCE	ND
VC	ND

	MW-24
cVOCs	(2012-09-24)
PCE	ND
TCE	ND
DCE	ND
VC	ND

	MW-29
cVOCs	(2013-08-16)
PCE	ND
TCE	13
DCE	ND
VC	ND

	MW-22	
cVOCs	(2012-03-16)	(2014-10-09)
PCE	ND	ND
TCE	ND	ND
DCE	ND	ND
VC	ND	ND

	MW-4
cVOCs	(2014-04-03)
PCE	ND
TCE	0.42 J
DCE	1.2
VC	ND

	MW-36
cVOCs	(2014-12-23)
PCE	ND
TCE	ND
DCE	ND
VC	ND

	MW-37
cVOCs	(2014-12-23)
PCE	ND
TCE	ND
DCE	ND
VC	ND

	MW-28
cVOCs	(2013-08-16)
PCE	ND
TCE	ND
DCE	ND
VC	ND

	MW-23
cVOCs	(2012-09-24)
PCE	ND
TCE	ND
DCE	ND
VC	ND

Guidance Levels (NYSDEC TOGS 1.1.1)	
Tetrachloroetylene (PCE)	5
Trichloroethylene (TCE)	5
Dichlorethylene (DCE)	5
Vinyl Chloride (VC)	2

Legend:

- Subject Property Border
- Registry Site Boundary
- Previous ASR Sample Locations
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- TCE Investigation (ESI), July 2013-September 2014

ND - non-detect
Data in µg/L

Below Guidance Level
Above Guidance Level

- 100≤TCE<1,000
- 1,000≤TCE<10,000
- 10,000 ≤TCE

N

Base map provided by Morris Associates P.L.L.C. da

Figure 10: TCE Isoconcentrations in Groundwater

280 Franklin Street
Borough of Brooklyn
Kings County, New York

ESI File: SB09110.50

Scale as shown

July 2015 | Appendix A

APPENDIX H

Data Usability Summary Reports