Ecosystems Strategies, Inc.
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November 7, 2011

Mr. Bryan Wong, Environmental Engineer
NYSDEC
Division of Environmental Remediation, Region 2
One Hunters Point Plaza
47-40 21st Street
Long Island City, New York 11101-5407

Re: Former NuHart Plastic Manufacturing - Site No. 224136
Response to Comments regarding the RIWP (October 2011)
ESI File: SB09110

Dear Mr. Wong:

This letter has been prepared in response to email comments received on November 3, 2011 regarding the revised RIWP, dated October 2011.

Comment 1: The work plan states that soil vapor samples will be collected at fifteen feet below grade. Your previous emails state that groundwater at the site is between 8 to 17 feet below grade. If the water table is reached prior to fifteen feet, the sampling point should be retracted and the sample collected at one foot above the water table.

Response: Agreed; the RIWP will be modified to address this comment.

Comment 2: I have not seen the revised Figure 2 and therefore, cannot comment on the appropriateness of the four soil vapor sampling locations. However, it should be noted that I have no objections to the collection of ten soil vapor samples as depicted on the old figure 2 as they would adequately define soil vapor contamination across the site.

Response: We strongly suspect that soil gas vapors will not be an issue at the site based on a fairly significant amount of historical analytical data collected to date for soil and groundwater. The attached "Figure 2" shows the 4 proposed soil gas survey locations. If the results for the 4 locations dictate otherwise, additional soil survey locations can be added, as appropriate.

Comment 3: The Work Plan does not mention the use of any tracer gas. Please refer to the NYSDOH soil vapor intrusion guidance for proper sampling protocols.

Response: Agreed; helium will be used as a tracer gas, per DOH guidelines. The RIWP will be modified to address this comment.

Comment 4: The purge rate of the soil vapor samples seems a bit excessive at 4 liters per minute. I would prefer the sample borings to be purged for a longer period of time at a lower flow rate. Also, there is no sample collection flow rate specified in the document (other than the 1 hour sample duration). Please note that it should not exceed .2 Liters per minute as per the NYSDOH soil vapor intrusion guidance.

Response: Agreed; the RIWP will be modified to include an appropriate flow rate.

Comment 5: An outdoor air sample should be collected to define ambient conditions.

Response: It is unclear as to why outdoor ambient air quality conditions need to be defined since the RIWP does not propose indoor ambient air quality sampling. We request that this comment be reconsidered by the NYDEC and NYSDOH.

We hope that you will find the responses to the comments received on November 3, 2011 regarding the October 2011 RIWP acceptable. Please contact me or Kimberly Punchar at (845) 452-1658 with any additional questions and/or concerns.

Sincerely,

ECOSYSTEMS STRATEGIES, INC.

Paul H. Ciminello
President

Attachment
PHC:ndc

cc: Jane O'Connell – NYSDEC
Dawn Hettrick – NYSDOH
Bridget Callaghan - NYSDOH
Joseph Folkman – 49 Dupont Realty Corp.
Lawrence P. Schnapf, Esq.

REMEDIAL INVESTIGATION

WORK PLAN

Prepared for the

Former NuHart Plastic Manufacturing Site

Hazardous Waste Site No.: 224136

Located at

280 Franklin Street
Borough of Brooklyn
Kings County, New York

November 2011

ESI File: SB09110.52

Prepared by:

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24 Davis Avenue
Poughkeepsie, New York 12603

Prepared For:

49 Dupont Realty Corporation
P.O. Box 786
Deer Park, New York 11729

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 Work Plan 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).

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

Ecosystems Strategies, Inc. (ESI) has prepared this Remedial Investigation Work Plan (RIWP) in order to investigate the nature and full extent of contamination of regulated chemicals (both on and off-site) resulting from historical operations at the "Former NuHart Plastic Manufacturing Site" (hereafter referred to as the "Site") located at 280 Franklin Street in the Borough of Brooklyn, Kings County, New York as per a NYSDEC Consent Order, dated January 18, 2011.

1.2 Site Location and Description

The Site is the western portion of an industrial building complex which consists of a number of separate buildings joined together over time (the "Complex") in the Greenpoint section of Brooklyn, in a mixed use (industrial/commercial/residential) area. The approximately 1 acre Site is described 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). A map that shows the Site location and outlines the boundaries of the Site is provided as Figure 1, Appendix A.

The Site is bordered immediately to the north and east by commercial/industrial buildings, to the south by multi-family residential structures, and to the west, a park. Additional residential structures are located east of the Complex.

Soil and groundwater have been contaminated by phthalates and a mix of phthalates and paraffinic oil (mineral oil) used historically for industrial operations conducted at this Site. The Site is currently vacant (not used for industrial purposes at the present time).

The most recent manufacturing operations that occurred at the Site did not involve the use of paraffinic/Mineral Oil (this constituent is likely a result of past industrial manufacturing operations conducted by the previous property owner[s]).

1.3 Property & Site History

Information regarding the industrial history at this location was obtained during the completion of a Phase I Environmental Site Assessment for the property. The Complex had several commercial/industrial uses prior to 1950 including: an ironworks, stables, a gas and electric light fixture factory, a sheet metal works, a soap manufacturer, a water proofing manufacturer, and a scrap metal facility. After 1950, the 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).

A Preliminary Phase I Site Assessment and a Phase I Environmental Site Assessment were completed for the Complex by RTP Environmental Associates Inc. and FPM Group, respectively. The reports identified the presence of underground storage tanks (USTs), sub-grade pipe trenches, a loading dock drain and silos in the portion of the Complex that is the Site.

The property owner retained an environmental consultant, Advanced Site Restoration, LLC (ASR), to properly clean and close the USTs (closed in place) and trenches identified at the Site. Tank and trench cleaning/closure and product disposal activities were documented in ASR's Underground Tank Closure Report, dated July 2006.

ASR also advanced extensive soil borings throughout the Site so that soil samples could be collected from the surface and/or the soil-groundwater interface. Elevated concentrations of Regulated Chemicals (a mix of phthalates and mineral oil) were detected at some of the borings located on the Site.

Groundwater monitoring wells and product recovery wells were installed by ASR as documented in a Phase II Site Assessment report, dated March 2007. Free product was detected in several of the on-site wells, but not in the off-site wells. As a result, several additional product recovery wells were installed on the Site and free product was subsequently removed from the recovery wells.

Product removal activities have been documented in a Monthly Monitoring Report, dated December 27, 2007 and several Quarterly Sampling Reports prepared by ASR.

The following provides a summary of analytical data provided in the ASR Phase II Site Assessment Report, dated March 2007 (provided in Appendix F):

1. Soil – Soil borings SB-4, SB-5, SB-6 and SB-7 had numerous detectable levels of Semi-volatile Organic Compounds (SVOCs) which exceeded TAGM levels in 2007. SB-5 also had numerous Volatile Organic Compounds (VOCs) which exceeded TAGM levels in 2007. Note: If this data is compared to current Title 6 NYCRR Part 375, Table 6.8 (current soil cleanup objectives), none of the VOCs for SB-5 exceeded un-restricted clean-up objectives and only one SVOC would exceed restricted clean-up objectives for Industrial sites. Pesticides and/or PCBs were not detected in the soil borings at concentrations that exceeded unrestricted clean up objectives. RCRA metals were detected at concentrations that exceeded either unrestricted use, restricted commercial or industrial or background levels.

2. Soil – Soil boring SB-39 (aka recovery well RW-10) had numerous detectable levels of VOCs and SVOCs which exceeded TAGM levels in 2007. Note: If this data is compared to current Title 6 NYCRR Part 375, Table 6.8 (current soil cleanup objectives), none of the VOCs and only two SVOCs would exceed unrestricted clean-up objectives and none of the SVOCs would exceed restricted clean-up objectives for industrial sites.

3. Groundwater – The majority of the groundwater monitoring wells at the site had detectable concentrations of one to two VOCs and/or one to two SVOCs that exceeded applicable groundwater standards/guidance criteria.

The following provides a summary of information contained in the ASR January – March 2009 Quarterly Report (provided in Appendix G):

1. Product Recovery Program – Free 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. Free product was removed, recorded and was properly disposed of using a peristaltic pump and/or P-10 sticks (an all natural absorbent). It is estimated that approximately 641 gallons of product was recovered from the abovementioned wells in three months (January 2009 through March 2009).

2. BTEX in excess of applicable NYS Groundwater Quality Standards was not detected in any of the groundwater samples collected for this sampling event.

3. A noticeable decrease in the plume size has been observed throughout the quarter (wells that historically contained product, MW-7, MW-15 and MW-16, now only exhibit sheens).

4. The following provides a summary of depth of free product detected in the recovery wells from 2006 to 2008:

    - RW-1 – No free product observed.
    - RW-2 – Depths ranging from 0.01 to 1.68 ft.
    - RW-3 - Depths ranging from 0.17 to 2.22 ft.
    - RW-4 - Depths ranging from 0.13 to 1.98 ft.
    - RW-5 - Depths ranging from 0.01/sheen to 3.82 ft.
    - RW-6 - Depths ranging from 0.03/sheen to 0.83 ft.
    - RW-7 – Not part of this site.
    - RW-8 – Depths ranging from 0.25 to 2.30 ft.
    - RW-9 – Depths ranging from 0.12 to 1.50 ft.
    - RW-10 – Depths ranging from 0.07 to 0.76 ft.

The most recent investigative activities at the Site were completed by another environmental consultant, Ecosystems, Strategies, Inc. (ESI), in 2010 (results are documented in ESI's April 2010 Interim Investigation Report). Findings of this investigation included the following:

1. Groundwater was determined to be flowing from the east (slightly southeast) to the west (slightly northwest) across the subject property (towards Franklin Avenue and away from residential dwellings in the nearby area). On-site wells were not affected by tidal fluctuation in the nearby East River.

2. Two distinctly different free products were identified at the Site. Based on field evidence and laboratory analysis these products include phthalates near the western portion of the Site, and a mixture of phthalates and mineral oils (paraffinic/mineral oil) in the southern portion of the Site.

3. Current sampling data documents no significant dissolved contamination in any of the wells sampled on the Site.

The ESI report indentifies several constraints with regard to implementing remedial activities for the Site, which will have to be considered while developing any further interim and/or full-scale remediation. These constraints include:

1. The presence of the on-site building including the ceiling height and structural supports for the upper stories present in the most western portion of the structure.

2. The native on-site subsurface soils consist of fine silty sand and silty clay which will restrict the movement of free product towards remedial measures and would require extensive stabilization if excavation is considered as part of remediation.

3. The depth to water is relatively deep at the Site, requiring extensive excavation in order to implement certain remedial activities (e.g. trenches).

4. A summary of free product depth as measured on February 15 and 22 of 2010 is as follows:

    - MW-8, MW-12, MW-13, MW-14 and RW-1 – No Free Product
    - MW-4 and MW-15 – 11.16 and 8.88 inches, respectively
    - MW-5 – 58.44 inches
    - MW-6 – 45.12 inches
    - MW-7 – 33.48 inches
    - MW-16 – 1.8 inches
    - RW-2 – 51.48 inches

- RW-3, RW-4 and RW-9 – 15.96, 16.44 and 17.4 inches, respectively
- RW-5 and RW-6 – 6.96 and 2.88 inches, respectively
- RW-8 – 38.52 inches
- RW-11 – 27.24 inches
- RW-12 – 57.48 inches

The interim remedial measure being implemented at the Site to address the presence of free product is described below.

Product Recovery Belt skimmers have been installed at the Site to continuously remove free product from wells to the surface where it is collected/removed for off-site disposal. Belt skimmers make use of the differences in specific gravity and surface tension between oil and water. These physical characteristics allow the skimmer's continuous belt to attract floating oil in the well. After picking up the oil, the belt travels over the head pulley on the drive unit and through tandem wiper blades. The oil is then scraped off both sides of the belt and discharged to a collection vessel.

1.4 Proposed Future Use of the Site

Future use of the property, which includes the Site, is expected to be industrial, therefore, it is the intent of the Site Owner to remediate the Site so it is consistent with NYSDEC Remedial Program Restricted Use Soil Cleanup Objectives (SCOs) for Industrial uses (6 NYCRR Subpart 375, Table 375-6.8[b]).

2.0 SITE INVESTIGATION

2.1 Investigation Objectives

The objective of this RIWP, as required by the NYSDEC Consent Order, is to further investigate the extent of existing contamination at the Site by documenting and clearly defining the presence or absence of contaminants in subsurface soils and groundwater; so further investigation and/or remedial activities can be completed/recommended, as appropriate.

2.2 Summary of Investigation Services

In order to achieve the objective specified in the section above, the following will be completed:

1. Coordinate and supervise the advancement of 12 interior soil borings (proposed soil borings SB-60 through SB-71) and 4 off-site borings (SB-72 through SB-75). Collect one soil sample from each boring.

2. Complete 3 of the interior soil borings as recovery wells (proposed recovery wells RW-13 through RW-15). Collect one groundwater sample from each well after development.

3. Complete 3 of the borings as groundwater monitoring wells (MW-20, MW-21 and MW-22) and the collection and analysis of three groundwater samples.

4. Re-develop and collect a groundwater sample from 8 existing monitoring wells (MW-4, MW-6, MW-7, MW-12, MW-13, MW-14, MW-15 and MW-16).

5. Measure the amount of free product, if any, within existing recovery wells RW-1, RW-2, RW-3, RW-4, RW-5, RW-6, RW-8, RW-9, RW-10, RW-11 and RW-12 (any free product observed will be removed from the well(s) and will be disposed of appropriately).

6. Document the presence or absence of contamination through sampling and laboratory analysis of subsurface soil and groundwater for volatile organic compounds (VOCs) by EPA Method 8260 (full list, plus tics), semi-volatile organic compounds (SVOCs) by EPA Method 8270 (full list, plus tics) and TAL metals by EPA method 6010.

7. All samples will be analyzed for SVOCs utilizing USEPA Method 8270 (full list, plus tics) and 10% of the samples will be analyzed for TAL Metals utilizing USEPA Method 6010 and 7471. Given the significant amount of prior investigation work already completed at the site which has established that the constituents of concern are limited to SVOCs (more specifically, phalates) as opposed to VOCs, it is proposed that approximately 50% (minimum) of the samples be analyzed for VOCs utilizing USEPA Method 8260 (full list, plus tics) unless field observations dictate otherwise.

8. All groundwater samples will be collected using low-flow purging and sampling methodologies. Refer to Appendix D for a Quality Assurance Project Plan (QAPP) which identifies the principal personnel who will participate in the investigation and which includes a table that summarizes proposed sample locations and analysis.

9. A Soil Gas Survey (SGS) will be completed to determine the concentration of volatile organic vapors (VOCs) located within the sub-grade soils.

This RIWP is divided into individual sections that describe site preparation and fieldwork methodologies (Section 2.3), proposed investigation services (Section 2.4), and the proposed project schedule (Section 3.0)

2.3 Site Preparation & Fieldwork Methodology

2.3.1 Agency Notification

The NYSDEC will be notified in writing at least five (5) business days prior to the start of fieldwork. Notification of subsequent field activities will be in accordance with reasonable business practice, with verbal notification for immediate (within 48 hours) activities and written notification otherwise. Written notifications will be transmitted to the agencies via facsimile or electronic mail.

2.3.2 Utility Markout

Prior to the implementation of any of the investigative tasks outlined in subsequent sections, a request for a complete utility markout of the Site will be submitted a required by New York State Department of Labor regulations. Confirmation of underground utility locations will be secured, and a field check of the utility markout will be conducted prior to the initiation of field work. Any utilities identified on the Site will be protected (as necessary) by the contractor or owner.

2.3.3 Equipment Calibration

A photo-ionization detector (PID) will be utilized during fieldwork activities to screen monitoring well headspace for the presence of volatile vapors. The PID will be calibrated at the onset of each workday, and a written calibration log will be maintained for this project. The PID will be calibrated to read parts per million gas equivalents of isobutylene in accordance with protocols set forth by the equipment manufacturer.

Prior to the initiation of fieldwork, all field equipment to be used during the work will be properly decontaminated in accordance with NYSDEC guidelines, and all field instruments will be properly calibrated in accordance with procedures set forth by the equipment manufacturer(s). Unless otherwise specified, a MiniRAE 3000 photo-ionization detector (PID) will be used for the screening of organic vapors. The PID is calibrated to read parts per million calibration gas equivalents (ppm-cge) of isobutylene. Instrument calibration will be performed no more than 24 hours prior to the commencement of fieldwork, and a written record of calibration results will be maintained in the project files.

2.3.4 Subcontractor Coordination

Subcontractors will perform requested services under the direct supervision of the On-site Coordinator (OSC). Prior to the initiation of fieldwork, all subcontractors will be notified of the components of the Health and Safety Plan (see Section 2.3.6, below), as appropriate. All necessary insurance certificates will be secured from subcontractors by the OSC and will be transmitted to and approved by the Client. At this time, the following subcontractors are anticipated to be used on this project:

- Driller
- Analytical Laboratory
- Independent Data Validator

2.3.5 Exposure Assessment

This exposure assessment is being provided to qualitatively assess potential impacts to human health and the environment based on current information collected to date for the Site (not the property).

The primary contaminants present on the Site are phthalates and a mix of phthalates and paraffinic oil in the subsurface soil and groundwater. Contaminated soil is located beneath portions of the building complex within tax lots 1, 10, 12 and 72. Since the contaminated area is covered by the floor of the buildings, it is unlikely there will be direct contact with contaminated soil. Exposure to contaminated groundwater is not occurring, as there are no water supply wells located in the vicinity of the Site and the surrounding area is served by a public water supply.

The potential exists at the site for "Vapor intrusion", although existing evidence would suggest that any vapors present on the Site are minimal and/or have originated from off-site sources (that is, soil data from samples collected on the Site indicate only low levels of volatile organic compounds). According to the NYSDEC, “Vapor intrusion is the process by which volatile chemicals move from a subsurface source into the indoor air of overlying or adjacent buildings. The subsurface source can either be contaminated groundwater or contaminated soil which releases vapors into the pore spaces in the soil. Vapors can enter buildings in two different ways. In rare cases, vapor intrusion is the result of groundwater contamination which enters basements and releases volatile chemicals into the indoor air. In most cases, vapor intrusion is caused by contaminated vapors migrating through the soil directly into basements or foundation slabs.”

Direct contact or inhalation of contaminated soils/sediment, soil vapors, or dust generated during proposed/future investigation activities are the most likely exposure pathways. Ingestion of contaminated media is another possible exposure pathway (ingestion of contaminated water is not a reasonable route of exposure as the Site and surrounding area is serviced by a public water supply).

On-site workers (or trespassers) present during future investigation, remediation and/or development activities are the most likely receptor population. The implementation of a Health and Safety Plan (HASP), incorporating a Community Health and Safety Plan and community air-monitoring plan, will mitigate possible impacts to any potential receptor populations.

Ecological exposures are limited to the movement of groundwater contaminated by VOCs, SVOCs and/or heavy metals. Historical data collected to date indicates that limited off-site migration of dissolved contamination (low VOC levels) has occurred; however interim remedial measures have been implemented at the site to prevent the possibility of further off-site migration (installation of product recovery wells equipped with belt skimmers), therefore exposure to VOCs and/or SVOCs to ecological resources is not currently an issue.

2.3.6 Health and Safety Plan

A site-specific Health and Safety Plan (HASP) will be reviewed with on-site personnel (including subcontractors) prior to the initiation of fieldwork. All proposed work will be performed in “Level D” personal protective equipment; however, all on-site field personnel will be prepared to continue services wearing more protective levels of equipment should field conditions warrant. See Appendix B for a copy of the site-specific HASP.

2.4 Proposed Investigation Services

2.4.1 Community Air Monitoring Plan

A Community Air Monitoring Plan (CAMP) will be initiated during all ground intrusive activities that are reasonably likely to generate significant dust and/or vapors. The implementation of the CAMP will document the presence or absence of specific compounds in the air surrounding the work zone, which may migrate off-site due to fieldwork activities. This plan provides guidance on the need for implementing more stringent dust and emission controls based on air quality data. Air monitoring will be conducted for VOCs and for dust. See Appendix C for a copy of the CAMP.

2.4.2 Extension of Borings

Sixteen (16) borings are proposed to be advanced at the Site in locations specified on the Proposed Fieldwork Map (Figure 2) using a hollow-stem, rotary drill rig or comparable equipment. Borings will be advanced to a minimum depth of 15 feet (23 feet for the borings developed as recovery or monitoring wells) or deeper if field conditions warrant (e.g., presence of evidence of contamination), as appropriate. Additional borings may be performed should field evidence of significant contamination (e.g., staining, odors, etc.) be encountered. Three borings will be completed as recovery wells, as detailed in Section 2.4.5, below.

A determination will be made in the field regarding exact boring locations, based on the locations of underground utilities and other relevant Site conditions. An assessment of subsurface soil characteristics, including soil type, the presence of foreign materials, field indications of contamination, and instrument indications of contamination (i.e., PID readings) will be made by the OSC during the extension of each boring. The OSC will be responsible for identifying any soils which, in the opinion of the OSC, may contain elevated concentrations of contaminants and should, therefore, require stockpiling (on and covered by 6-mil plastic) and/or containerization (inside 55-gallon drums) for characterization and proper disposition.

Soil cuttings generated during boring advancement activities will be returned to the boreholes /re-interred unless field evidence suggests segregation/containerization, as described above. The depth to native (previously undisturbed) soils, if encountered, will be noted at each boring to generate cross-sections of the subsurface. A photographic record as well as field screening data (using a photoionization detector) will be maintained by field personnel.

The OSC will ensure that any unforeseen environmental conditions are managed in accordance with applicable federal and state regulations.

2.4.3 Soil Sampling and Analysis

Sixteen soil samples, one from each proposed soil boring (SB-60 through SB-75), will be collected. Additional soil samples may be collected if field evidence (e.g. unusual coloration patterns, odors, and/or positive PID readings) suggests contamination at a particular stratum. All encountered soils will be properly characterized in the field and findings will be recorded in a logbook.

Material selected for sampling will be obtained in a manner consistent with NYSDEC sample collection protocols; that is, sampling will be biased towards encountered soils/materials that have evidence of contamination (soils that are likely to require special handling) or soils at the groundwater interface, if encountered. Decontaminated stainless steel trowels and dedicated gloves may be used at each sample location to place the material into laboratory-supplied glassware. Prior to and after the collection of each material sample, the sample collection instrument will be properly decontaminated to avoid cross-contamination between samples.

All samples will be submitted to a New York State Department of Health (NYSDOH) ELAP-certified laboratory using appropriate chain of custody procedures. Dedicated, laboratory supplied glassware will be used for sample collection. Field personnel will maintain all samples at cold temperatures and complete all chain of custody forms. One duplicate and one matrix spike/matrix spike duplicate (MS/MSD) soil sample will be collected for quality assurance/quality control purposes. An equipment rinse blank may also be collected, if appropriate/warranted.

All samples will be analyzed for SVOCs utilizing USEPA Method 8270 (full list, plus tics). Given the significant amount of prior investigation work already completed at the site which has established that the constituents of concern are limited to SVOCs (more specifically, phalates), it is proposed that approximately 50% (minimum) of the samples be analyzed for VOCs utilizing USEPA Method 8260 (full list, plus tics) and TAL Metals utilizing USEPA Method 6010 and 7471.

2.4.4 Recovery Well/Monitoring Well Installation & Monitoring Well Development

Three of the boreholes will be completed as product recovery wells using a 6.25 ID hollow stem auger. Any overtly contaminated soil exposed during boring operations will be handled as per protocols discussed in Section 2.4.2, above.

1. Each recovery well will be constructed of four-inch steel casing with a ten foot length of 0.02-inch (or as determined by the Project Manager) slotted steel well screening across the water table. No glue will be used to thread the casing lengths. Wells will be constructed such that a minimum of 2.0 foot of screening will extend above the water table; approximately 8.0 feet of screening will extend below the water level.

2. Each Monitoring well will be constructed of one or two-inch PVC casing with a ten foot length of 0.01-inch slotted PVC well screening across the water table. No glue will be used to thread the casing lengths. Wells will be constructed such that a minimum of 2.0 foot of screening will extend above the water table; approximately 8.0 feet of screening will extend below the water level.

3. The annular space between the well screen and the borehole (for both recovery and monitoring wells) will be backfilled with clean #1 silica sand to a depth of one to two feet above the well screen. A one-foot thick bentonite seal will be poured down the borehole above the sand pack and allowed to hydrate before grouting the remaining annular space.

4. A locked cap with vent will be installed at the top of the PVC riser and all wells (both recovery and monitoring wells) will be protected by a secure “drive-over” metal cover. The elevation of the top of the PVC well riser will be determined relative to a permanent on-site marker using a surveyor’s transit. Monitoring well locations and relative elevations will be recorded in field logs and indicated on all fieldwork maps.

5. Wells will be developed and sampled a minimum of one week following installation utilizing a pump and dedicated tubing. Well development will begin at the top of the saturated portion of the screened interval to prevent clogging of the pump within the well casing. The wells will be developed until the discharge water is free of sediment and the indicator parameters (pH, temperature, turbidity, dissolved oxygen and specific conductivity) have stabilized. Well development will be discontinued when the turbidity of the discharged water is below 50 NTUs and the other parameters have stabilized. Upon completion, the pump assembly will be removed from the well while the pump is still running to avoid discharge of purged water back into the well. Between wells, all non-dedicated equipment will be properly decontaminated according to NYSDEC guidelines.

It is proposed that existing monitoring wells MW-4, MW-6, MW-7, MW-12, MW-13, MW-14, MW-15 and MW-16 be re-developed and sampled as part of this remedial investigation.

Wells will be developed one week prior to conducting sampling activities utilizing a pump and dedicated polyethylene tubing in order to clear fine-grained material that may have settled around the well screen, and, to enhance the natural hydraulic connection between the well screen and the surrounding soils. Prior to development, the monitoring well casing will be opened and the well column immediately screened with a PID to document the presence of any volatile organic vapors. Well development will begin at the top of the saturated portion of the screened interval to prevent clogging of the pump within the well casing. The pump will be raised and lowered one to two feet within various portions of the screened interval to force water back and forth through the screen. Repeated surging and pumping at intervals of less than five feet will be performed to the bottom of the screen until the discharged water appears clear. The wells will be developed until the discharge water is free of sediment and the indicator parameters (pH, temperature, turbidity below 50 NTUs, dissolved oxygen and specific conductivity) have stabilized. Upon completion, the pump assembly will be removed from the well while the pump is still running to avoid discharge of purged water back into the well. Between wells, all non-dedicated equipment will be properly decontaminated according to NYSDEC guidelines. Water removed from the monitoring well will be visually inspected for indications of petroleum contamination. Purged groundwater will be containerized and will be disposed of in accordance with applicable federal and state requirements, pending receipt of analytical results.

2.4.5 Groundwater Sampling and Analysis

Groundwater samples will be collected approximately 1 week after well development activities are completed from the wells identified in Section 2.4.4, above. Provided below is a description of the proposed groundwater sampling protocol. All relevant data will be recorded in field logbooks:

1. Basic climatological data (e.g., temperature, precipitation, etc.) will be noted;

2. The protective casing on the well will be unlocked and the air in the wellhead will be screened for organic vapors using the PID;

3. The well's static water level will be measured to the nearest 0.01 foot relative to the top of the PVC casing using a decontaminated water level meter;

4. The volume of standing water in the well will be calculated (using the well diameter, total well depth, and the measured depth of the standing water) to determine the amount of water to be purged from the well prior to sampling; Groundwater purged/removed from the monitoring wells during development and sampling will be containerized within 55-gallon drums or totes that can hold up to 400 gallons and will be disposed of in accordance with applicable federal and state requirements, pending receipt of analytical results.

5. The well will be purged a minimum of three well volumes using a properly decontaminated mechanical peristaltic pump and dedicated polyethylene tubing (low-flow purging). The purged volumes will be calculated by discharging the well water into a container of known volume. The time at the beginning and the end of purging, and all observations (e.g., turbidity, odor, presence of a sheen, etc.) will be recorded;

6. Groundwater samples will be collected from each well using a properly decontaminated mechanical peristaltic pump and dedicated polyethylene tubing in accordance with procedures outlined in US EPA protocols for low-flow sampling;

7. Groundwater samples will be placed in appropriately sized and preserved laboratory supplied glassware, and will be stored and transported at cold temperatures, following proper chain of custody procedures;

8. The protective cap on the well will be replaced and locked.

All samples will be submitted to a New York State Department of Health (NYSDOH) ELAP-certified laboratory using appropriate chain of custody procedures. Dedicated, laboratory supplied glassware will be used for sample collection. Field personnel will maintain all samples at cold temperatures and complete all chain of custody forms.

All groundwater samples will be analyzed for SVOCs utilizing USEPA Method 8270 (full list, plus tics). Given the significant amount of prior investigation work already completed at the site which has established that the constituents of concern are limited to SVOCs (more specifically, phalates), it is proposed that approximately 50% (minimum) of the samples be analyzed for VOCs utilizing USEPA Method 8260 (full list, plus tics) and TAL Metals utilizing USEPA Method 6010 and 7471. One trip blank will be supplied for each day of fieldwork involving groundwater sample collection activities. One duplicate and one MS/MSD groundwater sample will be collected for quality assurance/quality control purposes.

Groundwater sample results will be compared to NYSDEC Part 703 Water Quality Standards and Division of Water Technical and Operational Guidance Series 1.1.1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (TOGS 1.1.1), as appropriate.

2.4.6 Groundwater Flow & Measurable Free Product

The direction of groundwater flow will be re-confirmed based on elevations of static groundwater as measured for the on-site wells specifically identified in this RIWP (measurements will be obtained prior to collecting water quality samples). Measurements will be collected with an electronic depth meter with an accuracy of measuring depth to the nearest 0.01 foot. Data will be recorded in field logs for use in generating a Direction of Groundwater Flow Map.

Existing recovery wells RW-1, RW-2, RW-3, RW-4, RW-5, RW-6, RW-8, RW-9, RW-10, RW-11 and RW-12 will be observed for the presence of measurable free product when the existing monitoring wells are being developed and sampled. Any measurable free product will be removed.

2.4.7 Soil Gas Survey

A total of four soil gas survey samples will be collected as shown on Figure 2. The SGS will be completed by lowering Teflon tubing into the invert of a boring (boring depths are anticipated to be ~15 ft bsg – regardless, the sampling point will be collected at 1 foot above the water table) and then backfilling it with sand (soil samples will NOT be collected from the 4 SGS borings). The top of the bore hole will be sealed using a non-VOC containing caulk in order to prevent the infiltration of surface air. Helium will be used as a tracer gas, as per NYSDOH guidelines. Each soil gas boring will be purged for at least five minutes, using a GilAir 3 air-sampling pump, at a rate of approximately 0.2 liters/minute. Soil gas samples will then be collected into laboratory supplied 6 liter stainless steel Summa canisters equipped with 1 hour calibrated flow controllers which will be submitted back to the laboratory (a New York State Department of Health - NYSDOH ELAP-certified laboratory) using appropriate chain of custody procedures. Soil gas sample results will be compared to the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (dated October 2006).

2.4. 8 Documentation of Site Investigation

At the completion of all services detailed in this RIWP, a Remedial Investigation Report (RIR) will be prepared and will be submitted to the NYSDEC for review and approval. This RIR will include, at a minimum, a summary of fieldwork activities, results of any laboratory analyses generated as a result of this investigation, waste transport/disposal manifests for all investigation-derived waste (well purge water & measurable free product, if present), maps illustrating Site investigation activities, a Data Usability Summary Report (DUSR) prepared by a third, independent party, which maintains NYSDOH ELAP CLP Certification, and a recommendation for either additional investigation, additional monitoring or a recommendation for remediation, as appropriate.

3.0 PROJECT SCHEDULE

The following general schedule is anticipated for implementing the actions detailed in this RIWP:

MONTHS	ACTION	DELIVERABLES
0 –3	Soil Boring Advancement, Soil Sample Collection, Recovery Well Installation, Recovery Well Measurements, Monitoring Well Redevelopment & Groundwater Sampling	None
3– 6	Data Validation, Waste Disposal & RIR Development	RIR Submission

Appendix E provides a detailed timeline/schedule for activities to be completed.

APPENDIX A

Maps

Figure 1: Site Location & Features Map

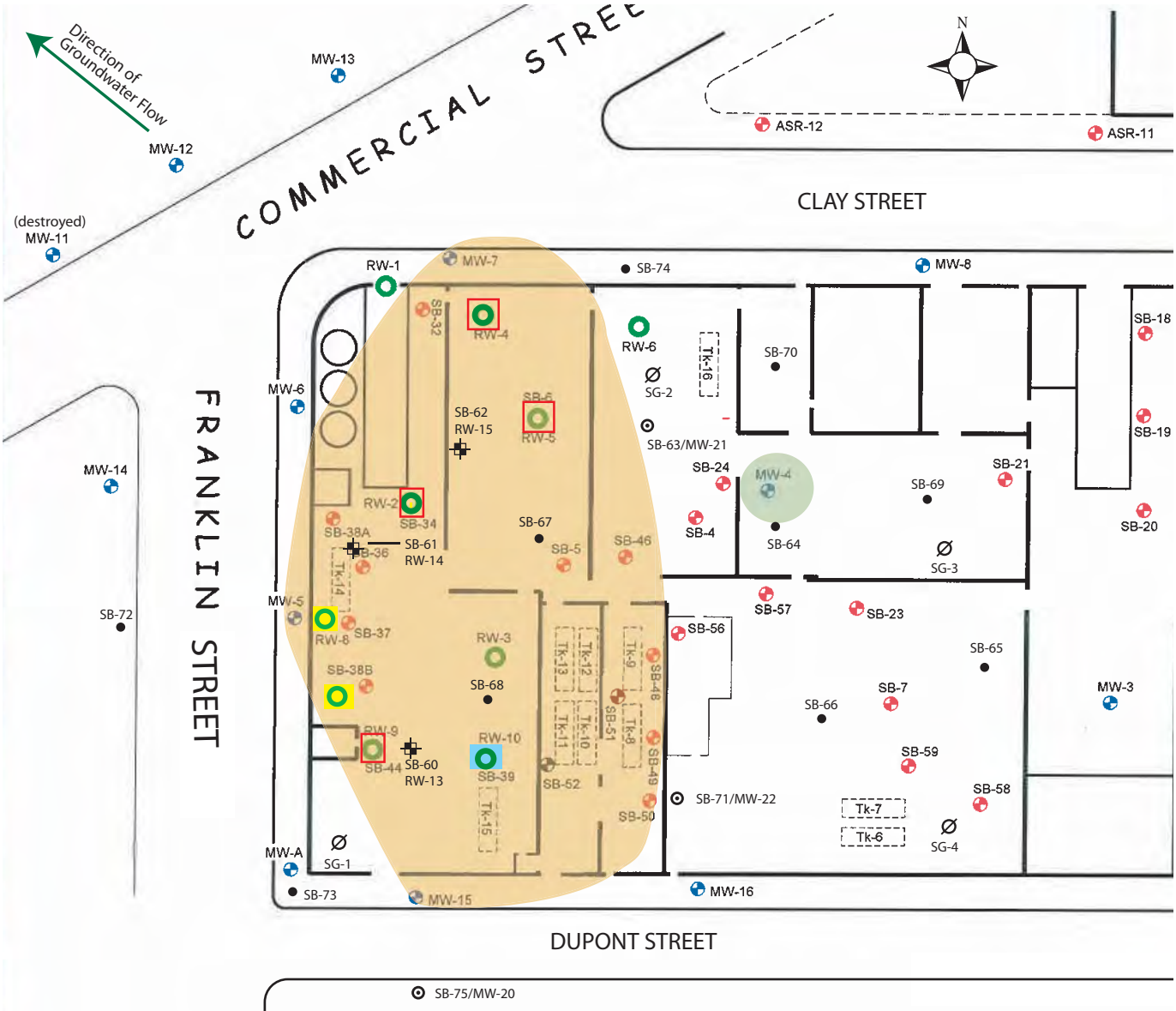
Hazardous Waste Site No. 224136
280 Franklin Street
Borough of Brooklyn
Kings County, New York

ESI File: SB9110.50

October 2011

Appendix A

Ecosystems Strategies, Inc.



MW-2 Location of Groundwater Monitoring Well

SB-22 Location of Geoprobe Soil Boring

RW-3 Location of Product Recovery Wells

Existing recovery well with belt skimmer

Existing recovery well with pump

Dark brown to black phthalates/paraffinic oil (free product)

Yellow phthalates (free product)

Petroleum (free product)

Soil Gas Survey Location

Proposed Soil Boring

Existing recovery well (w/proposed future belt skimmer)

Proposed soil boring to be completed as new recovery well (w/ future belt skimmer)

Note: locations dependent on physical constraints within the building

Borings completed as Monitoring Wells

Base Map Source: Advanced Site Restoration, LLC - Borehole & Well Location Map December 2006 Rev: 12/14/06. 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 2: Proposed Fieldwork Map

Hazardous Waste Site #224136
280 Franklin Street
Borough of Brooklyn
Kings County, New York

ESI File: SB09110.52
October 2011
Scale : 1" = 47' approximately
Appendix A

APPENDIX B

Health and Safety Plan

HEALTH AND SAFETY PLAN

FOR

SITE INVESTIGATION

(INCORPORATING COMMUNITY HEALTH AND SAFETY PLAN)

Hazardous Waste Site No. 224136

280 Franklin Street
Borough of Brooklyn
Kings County, New York

October 2011

ESI File: SB09110.50

Prepared By

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ATTACHMENTS

Proposed Fieldwork Map
MSDS Sheets

1.0 INTRODUCTION

1.1 Purpose

This Health and Safety Plan for Site Investigation (HASP) has been developed to provide the requirements and general procedures to be followed by Ecosystems Strategies, Inc. (ESI) and on-site subcontractors while performing remedial investigation services at the site located at 30 Clay Street, Borough of Brooklyn, New York.

This HASP incorporates policies, guidelines, and procedures that have the objective of protecting the public health of the community during the performance of fieldwork activities, and therefore serves as a Community Health and Safety Plan (CHASP). The objectives of the CHASP are met by establishing guidelines to minimize community exposure to hazards during fieldwork, and by planning for and responding to emergencies affecting the public.

This HASP describes the responsibilities, training requirements, protective equipment, and standard operating procedures to be utilized by all personnel while on the Site. All on-site personnel and visitors shall follow the guidelines, rules, and procedures contained in this safety plan. The Project Manager or Site Health and Safety Officer (SHSO) may impose any other procedures or prohibitions believed to be necessary for safe operations. This HASP incorporates by reference the applicable Occupational Safety and Health Administration (OSHA) requirements in 29 CFR 1910 and 29 CFR 1926.

The requirements and guidelines in this HASP are based on a review of available information and evaluation of potential on-site hazards. This HASP will be discussed with Site personnel and will be available on-site for review while work is underway. On-site personnel will report to the Site Health and Safety Officer (SHSO) in matters of health and safety. The on-site project supervisor(s) are responsible for enforcement and implementation of this HASP, which is applicable to all field personnel, including contractors and subcontractors.

This HASP is specifically intended for the conduct of activities within the defined scope of work in specified areas of the Site. Changes in site conditions and future actions that may be conducted at the Site may necessitate the modification of the requirements of the HASP. Although this HASP can be made available to interested persons for informational purposes, ESI has no responsibility over the interpretations or activities of any other persons or entities other than employees of ESI or ESI's subcontractors.

1.2 Site Location and Description

The Site as defined in this HASP is the property located at 280 Franklin Street, Borough of Brooklyn, New York. A Proposed Fieldwork Map (illustrating the configuration of the Site as well as the areas of proposed fieldwork activities) are included in the Attachments of this HASP.

1.3 Work Activities

Environmental investigation activities are detailed in the Remedial Investigation Work Plan (RIWP), dated March 2011. The specific tasks detailed in the RIWP are wholly incorporated by reference into this HASP. The RIWP was prepared to investigate potential subsurface contamination on the property located at 280 Franklin Street, and describes tasks required to adequately delineate and document on-site environmental conditions.

The Investigation Objectives are to:

- Further investigate the extent of existing contamination at the Site by documenting and clearly defining the presence or absence of contaminants in subsurface soils and groundwater; so further investigation and/or remedial activities can be completed / recommended, as appropriate.

The Scope of Work includes:

In order to achieve the objective specified in the section above, the following will be completed:

- Coordinate and supervise the advancement of 9 interior soil borings (proposed soil borings SB-60 through SB-68). Collect one soil sample from each boring.

- Complete 3 of the interior soil borings as recovery wells (proposed recovery wells RW-13 through RW-15). Collect one groundwater sample from each well after development.

- Re-develop and collect a groundwater sample from 8 existing monitoring wells (MW-4, MW-6, MW-7, MW-12, MW-13, MW-14, MW-15 and MW-16).

- Measure the amount of free product, if any, within existing recovery wells RW-1, RW-2, RW-3, RW-4, RW-5, RW-6, RW-8, RW-9, RW-10, RW-11 and RW-12 (any free product observed will be removed from the well(s) and will be disposed of appropriately).

- Document the presence or absence of petroleum contamination through sampling and laboratory analysis of subsurface soil and groundwater for volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270 and TAL metals by EPA method 6010.

Note: A soil gas survey is not included in the scope of work for this proposed investigation based on a review of historical analytical soil results which show that VOCs are not a contaminant of concern within the soils at the site.

2.0 HEALTH AND SAFETY HAZARDS

2.1 Hazard Overview for On-Site Personnel

The potential exists for the presence of elevated levels of organic compounds in on-site soils and groundwater. The possibility exists for on-site personnel to have contact with contaminated soils, groundwater, and/or vapor during site investigative work. Contact with contaminated substances may present a skin contact, inhalation, and/or ingestion hazard. These potential hazards are addressed in Sections 3.0 through 11.0, below. Material Safety Data Sheets (MSDS) for Polycyclic Aromatic Hydrocarbons (PAHs) and Mineral Oil have been provided as an attachment to this HASP.

2.2 Potential Hazards to the Public from Fieldwork Activities

The potential exists for the public to be exposed to contaminated soils, groundwater, and/or vapor, which may present a skin contact, inhalation, and/or ingestion hazard. Additional potential hazards to the public that are associated with fieldwork activities include mechanical/physical hazards, traffic hazards from fieldwork vehicles, and noise impacts associated with operation of mechanical equipment.

Impacts to public health and safety are expected to be limited to hazards that could directly affect on-site visitors and/or trespassers. These effects will be mitigated through site access and control measures

(see Section 6.0, below). Specific actions taken to protect the public health (presented in Sections 3.0 through 11, below) are anticipated to minimize any potential off-site impacts from contaminant migration, noise, and traffic hazards.

3.0 PERSONAL PROTECTIVE EQUIPMENT

The levels of protection identified for the services specified in the RIWP represent a best estimate of exposure potential and protective equipment needed for that exposure. Determination of levels was based on data provided by previous studies of the Site and information reviewed on current and past Site usage. The SHSO may recommend revisions to these levels based on an assessment of actual exposures and may at any time require Site workers, supervisors, and/or visitors to use specific safety equipment.

The level of protective clothing and equipment selected for this project is Level D. Level D PPE provides minimal skin protection and no respiratory protection, and is used when the atmosphere contains no known hazard, oxygen concentrations are not less than 19.5%, and work activities exclude splashes, immersion, or the potential for unexpected inhalation or contact with hazardous levels of chemicals. Workers will wear Level D protective clothing including, but not limited to, a hard hat, steel-toed boots, nitrile gloves (when handling soils and/or groundwater), hearing protection (foam ear plugs or ear muffs, as required), and safety goggles (in areas of exposed groundwater and when decontaminating equipment). Personal protective equipment (PPE) will be worn at all times, as designated by this HASP.

Disposable gloves will be changed immediately following the handling of contaminated soils, water, or equipment. Tyvek suits will be worn during activities likely to excessively expose work clothing to contaminated dust or soil (chemically-resistant over garments will be required in situations where exposures could lead to penetration of clothing and direct dermal contact by contaminants).

The requirement for the use of PPE by official on-site visitors shall be determined by the SHSO, based on the most restrictive PPE requirement for a particular Work Zones (see Section 6 for Work Zone definitions). All on-site visitors shall, at a minimum, be required to wear an approved hardhat and be provided with appropriate hearing protection as necessary.

The need for an upgrade in PPE will be determined based upon encountered Site conditions, including measurements taken in the breathing zone of the work area using a photo-ionization detector (PID). An upgrade to a higher level of protection (Level C) will begin when specific action levels are reached (see Section 5.0, below), or as otherwise required by the SHSO. Level C PPE includes a full-face or half-mask air-purifying respirator (NIOSH approved for the compound[s] of concern), hooded chemical-resistant clothing, outer and inner chemical-resistant gloves, and (as needed) coveralls, outer boots/boot covers, escape mask, and face shield. Level C PPE may be used only when: oxygen concentrations are not less than 19.5%; contaminant contact will not adversely affect any exposed skin; types of air contaminants have been identified, concentrations measured, and a cartridge or canister is available that can remove the contaminant; atmospheric contaminant concentrations do not exceed immediately dangerous to life or health (IDLH) levels; and job functions do not require self-contained breathing apparatus (SCBAs). The need for Level B or Level A PPE is not anticipated for the planned investigative activities at this Site.

If any equipment fails and/or any employee experiences a failure or other alteration of their protective equipment that may affect its protective ability, that person will immediately leave the work area. The Project Manager and the SHSO will be notified and, after reviewing the situation, determine the effect of the failure on the continuation of on-going operations. If the failure affects the safety of personnel, the work site, or the surrounding environment, personnel will be evacuated until appropriate corrective actions have been taken.

4.0 CONTAMINANT CONTROL

Precautions will be taken during dry weather (e.g., wetting or covering exposed soils) to avoid generating and breathing dust-generated from soils. A PID (or equivalent equipment) will be used to monitor potential contaminant levels. Response to the monitoring will be in accordance with the action levels provided in Section 5.0.

5.0 MONITORING AND ACTION LEVELS

Concentrations of petroleum compounds in the air are expected to be below the OSHA Permissible Exposure Limits (PELs). Air monitoring will be conducted for VOCs. Monitoring will be conducted at all times that fieldwork activities which are likely to generate emissions are occurring. PID readings consistently in excess of 5 ppm will be used as an indication of the need to initiate personnel monitoring, increase worker protective measures, and/or modify or cease on-site operations in order to mitigate off-site community exposure.

PID readings that consistently exceed background in the breathing zone (during any of the proposed tasks) will necessitate moving away from the source or implementing a higher PPE level.

6.0 SITE CONTROL/WORK ZONES

Site control procedures will be established to reduce the possibility of worker/visitor contact with compounds present in the soil, to protect the public in the area surrounding the Site and to limit access to the Site to only those persons required to be in the work zone. Notices will be placed near the Site warning the public not to enter fieldwork areas and directing visitors to report to the Project Manager or SHSO. Measures will be taken to limit the entry of unauthorized personnel into the specific areas of field activity and to safely direct and control all vehicular traffic in and near the Site (e.g., placement of traffic cones and warning tape).

The following Work Zone will be established:

Exclusion Zone ("Hot Zone") - The exclusion zone will be that area immediately surrounding the work being performed for remediation purposes (i.e. the area where contaminated media are being handled). It is anticipated that much of the work will be accomplished with heavy equipment in the exclusion zone. Only individuals with appropriate PPE and training are allowed into this zone. It is the responsibility of the Site Health and Safety Officer to prevent unauthorized personnel from entering the exclusion zone. When necessary, such as in high traffic areas, the exclusion zone will be delineated with barricade tape, cones, and/or barricades.

Decontamination Area - A decontamination area for personnel and equipment is not anticipated being required during completion of the RAWP; however, care will be taken to remove gloves, excess soil from boots, and soiled clothing (if necessary) before entering the Intermediate Zone.

Contamination Reduction Zone and Support Zone - Not anticipated being required during the completion of the RAWP.

Intermediate Zone (Decontamination Zone) - The intermediate zone, also known as the decontamination zone, is where patient decontamination should take place, if necessary. A degree of contamination still is found in this zone; thus, some PPE is required, although it is usually of a lesser degree than that required for the hot zone.

Command Zone - The command zone is located outside the decontamination zone. All exposed individuals and equipment from the "hot zone" and decontamination zone should be decontaminated before entering the command zone. Access to all zones must be controlled. Keeping the media and onlookers well away from the Site is critical and will be the responsibility of both the SSHO and the Project Manager, and other Site personnel as appropriate.

7.0 NOISE CONTROL

All fieldwork activities will be conducted in a manner designed to reduce unnecessary noise generation, and to minimize the potential for both on-site and off-site harmful noise levels. The Project Manager and SHSO will establish noise reduction procedures (as appropriate to the Site and the work) to meet these requirements.

8.0 PERSONNEL TRAINING

Work zones that will accomplish the general objective stated above will be established by the Project Manager and the SHSO. Site access will be monitored by the SHSO, who will maintain a log-in sheet for personnel that will include, at the minimum, personnel on the Site, their arrival and departure times, and their destination on the Site. All workers will be properly trained in accordance with OSHA requirements (29 CFR 1910). Personnel exiting the work zone(s) will be decontaminated prior to exiting the Site. Site-specific training will be provided to each employee. Personnel will be briefed by the SHSO as to the potential hazards to be encountered. Topics will include:

- Availability of this HASP;
- General site hazards and specific hazards in the work areas, including those attributable to known of suspect on-site contaminants;
- Selection, use, testing, and care of the body, eye, hand, and foot protection being worn, with the limitations of each;
- Decontamination procedures for personnel, their personal protective equipment, and other equipment used on the Site;
- Emergency response procedures and requirements;
- Emergency alarm systems and other forms of notification, and evacuation routes to be followed; and,
- Methods to obtain emergency assistance and medical attention.

9.0 DECONTAMINATION

The SHSO will establish a decontamination system and decontamination procedures (appropriate to the Site and the work) that will prevent potentially hazardous materials from leaving the Site. Trucks will be brushed to remove materials adhering to their surfaces. Sampling equipment will be segregated and, after decontamination, stored separately from splash protection equipment. Decontaminated or clean sampling equipment not in use will be covered with plastic and stored in a designated storage area in the work zone.

10.0 EMERGENCY RESPONSE

10.1 Notification of Site Emergencies

In the event of an emergency, the SHSO will be immediately notified of the nature and extent of the emergency (the names and contact information for key site safety and management personnel, as well as other site safety contact telephone numbers, shall be posted at the Site).
Table 1 in this HASP contains Emergency Response Telephone Numbers, and immediately following is a map detailing the directions to the nearest hospital emergency room. This information will be maintained at the work Site by the SHSO. The location of the nearest telephone will be determined prior to the initiation of on-site activities. In addition to any permanent phone lines, a cellular phone will be in the possession of the SHSO, or an authorized designee, at all times.

10.2 Responsibilities

Prior to the initiation of on-site work activities, the SHSO will:

- Notify individuals, authorities, and/or health care facilities of the potentially hazardous activities and potential wastes that may develop as a result of the investigation.
- Confirm that first aid supplies and a fire extinguisher are available on-site.
- Have a working knowledge of safety equipment available.
- Confirm that a map detailing the most direct route to the hospital is prominently posted with the emergency telephone numbers.

The SHSO will be responsible for directing notification, response, and follow-up actions and for contacting outside response personnel (ambulance, fire department, or others). In the case of an evacuation, the SHSO will account for personnel. A log of individuals entering and leaving the Site will be kept so that everyone can be accounted for in an emergency.

Upon notification of an exposure incident, the SHSO will contact the appropriate emergency response personnel for recommended medical diagnosis and, if necessary, treatment. The SHSO will determine whether and at what levels exposure actually occurred, the cause of such exposure, and the means to prevent similar incidents from occurring.

10.3 Accidents and Injuries

In the event of an accident or injury, measures will be taken to assist those who have been injured or exposed and to protect others from hazards. If an individual is transported to a hospital or doctor, a copy of the HASP will accompany the individual.

The SHSO will be notified and will respond according to the severity of the incident. The SHSO will perform an investigation of the incident and prepare a signed and dated report documenting the investigation. An exposure-incident report will also be completed by the SHSO and the exposed individual. The form will be filed with the employee's medical and safety records to serve as documentation of the incident and the actions taken.

10.4 Communication

No special hand signals will be utilized within the work zone. Field personnel will utilize standard hand signals during the operation of heavy equipment.

10.5 Safe Refuge

Vehicles and on-site structures will serve as the immediate place of refuge in the event of an emergency. If evacuation from the area is necessary, project vehicles will be used to transport on-site personnel to safety.

10.6 Site Security and Control

Site security and control during emergencies, accidents, and incidents will be monitored by the SHSO. The SHSO is responsible for limiting access to the Site to authorized personnel and for oversight of reaction activities.

10.7 Emergency Evacuation

In case of an emergency, personnel will evacuate to the safe refuge identified by the SHSO, both for their personal safety and to prevent the hampering of response/rescue efforts.

10.8 Resuming Work

A determination that it is safe to return to work will be made by the SHSO and/or any personnel assisting in the emergency, e.g., fire department, police department, utility company, etc. No personnel will be allowed to return to the work areas until a full determination has been made by the above-identified personnel that all field activities can continue unobstructed. Such a determination will depend upon the nature of the emergency (e.g., downed power lines -- removal of all lines from the property; fire -- extinguished fire; injury -- safe transport of the injured party to a medical facility with either assurance of acceptable medical care present or completion of medical care; etc.). Before on-site work is resumed following an emergency, necessary emergency equipment will be recharged, refilled, or replaced. Government agencies will be notified as appropriate. An Incident Report Form will be filed.

10.9 Fire Fighting Procedures

A fire extinguisher will be available in the work zone during on-site activities. This extinguisher is intended for small fires. When a fire cannot be controlled with the extinguisher, the area will be evacuated immediately. The SHSO will be responsible for directing notification, response, and follow-up actions and for contacting ambulance and fire department personnel.

10.10 Emergency Decontamination Procedure

The extent of emergency decontamination depends on the severity of the injury or illness and the nature of the contamination. Whenever possible, minimum decontamination will consist of washing, rinsing, and/or removal of contaminated outer clothing and equipment. If time does not permit decontamination, the person will be given first aid treatment and then wrapped in plastic or a blanket prior to transport.

10.11 Emergency Equipment

The following on-site equipment for safety and emergency response will be maintained in the on-site vehicle of the SHSO:

- Fire extinguisher;
- First-aid kit; and,
- Extra copy of this Health and Safety Plan.

11.0 SPECIAL PRECAUTIONS AND PROCEDURES

The activities associated with this investigation may involve potential risks of exposure to both chemical and physical hazards. The potential for chemical exposure to hazardous or regulated substances will be significantly reduced through the use of monitoring, personal protective clothing, engineering controls, and implementation of safe work practices.

11.1 Heat/Cold Stress

Training in prevention of heat/cold stress will be provided as part of the site-specific training. The timing of this project is such that heat/cold stress may pose a threat to the health and safety of personnel. Work/rest regimens will be employed, as necessary, so that personnel do not suffer adverse effects from heat/cold stress. Special clothing and appropriate diet and fluid intake regimens will be recommended to personnel to further reduce this temperature-related hazard. Rest periods will be recommended in the event of high/low temperatures and/or humidity to counter the negative effects of heat/cold stress.

11.2 Heavy Equipment

Working in the vicinity of heavy equipment is the primary safety hazard at the Site. Physical hazards in working near heavy construction equipment include the following: overhead hazards, slips/trip/falls, hand and foot injuries, moving part hazards, improper lifting/back injuries, and noise. All workers will be properly trained in accordance with OSHA requirements (29 CFR 1910). No workers will be permitted within any excavated areas without proper personal protective equipment (PPE), including, as warranted, any necessary Level C equipment (e.g., respirators and protective suits). Air monitoring in excavation areas will be conducted for VOCs in accordance with Section 5.0.

11.3 Additional Safety Practices

The following are important safety precautions which will be enforced during the remedial activities:

- Medicine and alcohol can aggravate the effect of exposure to certain compounds. Controlled substances and alcoholic beverages will not be consumed during investigation activities. Consumption of prescribed drugs will only be at the discretion of a physician familiar with the person's work.
- Eating, drinking, chewing gum or tobacco, smoking, or other practices that increase the probability of hand-to-mouth transfer and ingestion of material is prohibited except in areas designated by the SHSO.
- Contact with potentially contaminated surfaces will be avoided whenever possible. Workers will not unnecessarily walk through puddles, mud, or other discolored surfaces; kneel on the ground; or lean, sit, or place equipment on drums, containers, vehicles, or the ground.
- Personnel and equipment in the work areas will be minimized, consistent with effective site operations.
- Unsafe equipment left unattended will be identified by a "DANGER, DO NOT OPERATE" tag.
- Work areas for various operational activities will be established.

11.4 Daily Log Contents

The SHSO will establish a system appropriate to the Site, the work, and the work zones that will record, at a minimum, the following information:

- Personnel on the Site, their arrival and departure times, and their destination on the Site.
- Incidents and unusual activities that occur on the Site such as, but not limited to, accidents, spills, breaches of security, injuries, equipment failures, and weather-related problems.
- Changes to the HASP.
- Daily information generated such as: changes to work and health and safety plans; work accomplished and the current Site status; and monitoring results.

12.0 TABLE AND FIGURES

Table 1: Emergency Response Telephone Numbers

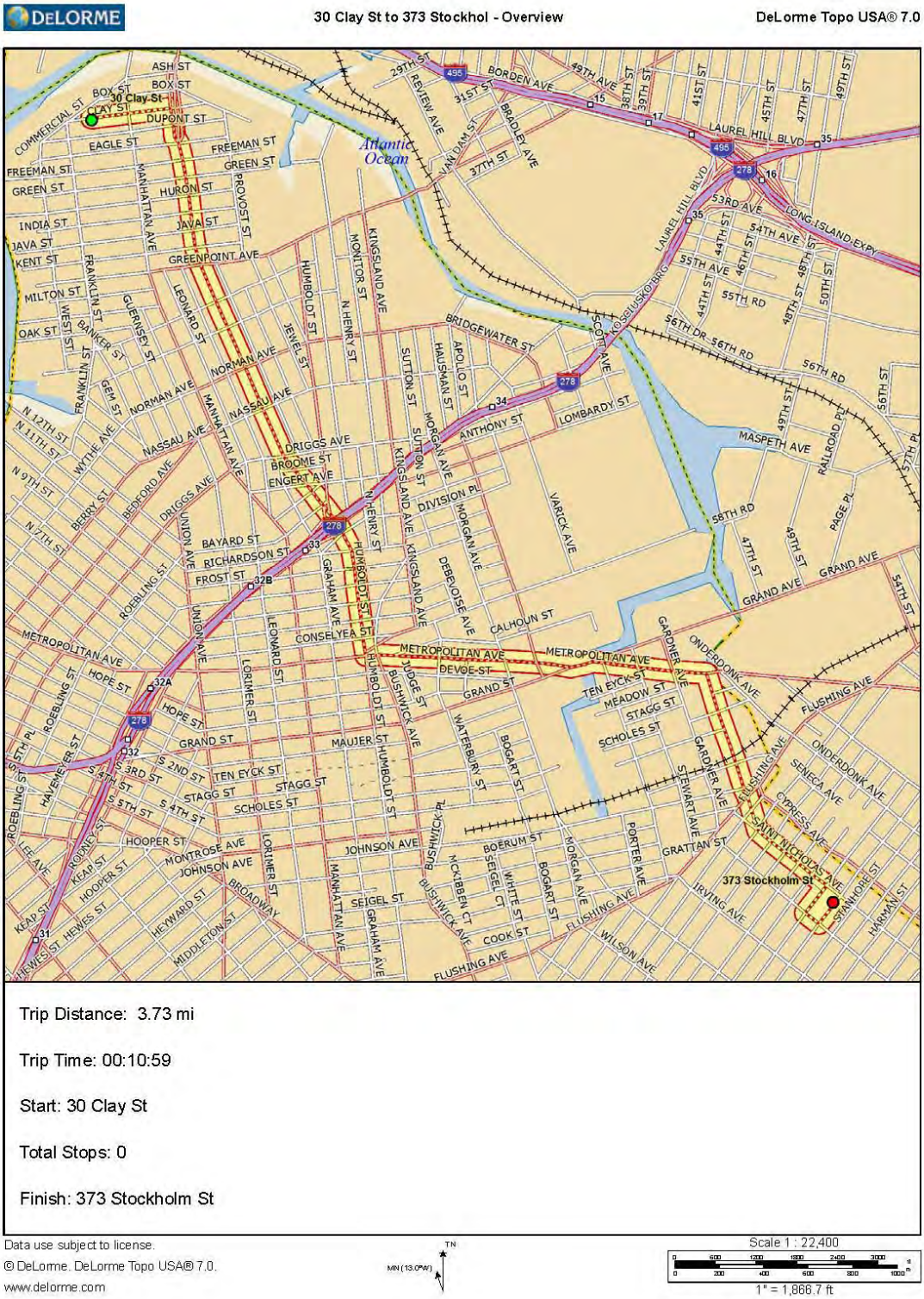
Emergency Agencies	Phone Numbers
EMERGENCY	**911**
Wyckoff Hospital/Medical Center 373 Stockholm Street Brooklyn, NY 11237	(718) 963-7272 or 911
Brooklyn 94th Precinct Police	(718) 383-3879 or 911
NYC Fire Department	911
City Hall	(212) 788-3000
Main Water and Sewer	(212) 315-2101

Figure 1: Directions to Hospital

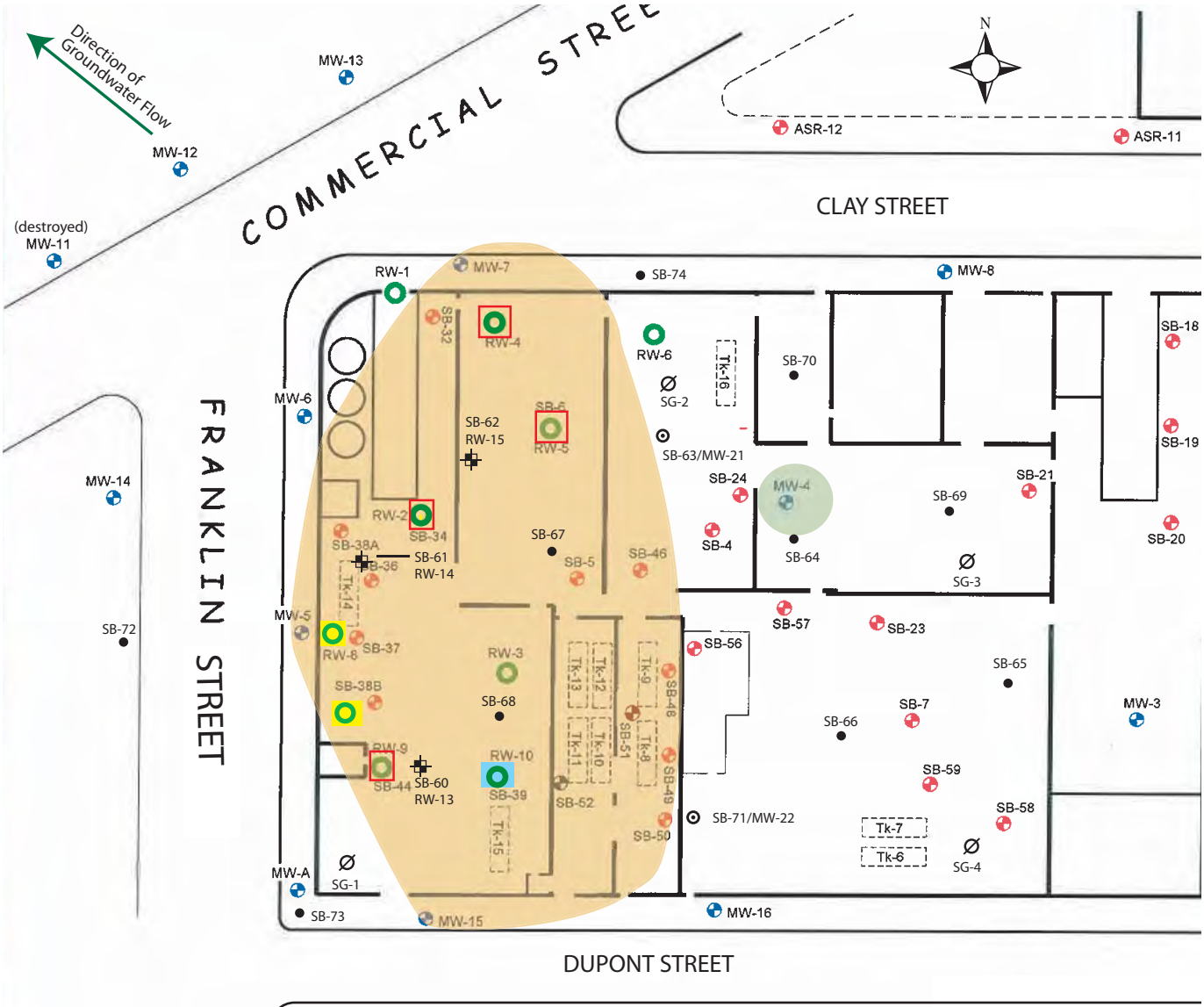
		Dist	Turn		Road	Exit	Total Time	Total Dist
			Start	at	30 Clay St		00:00:00	0.00 mi
			Go straight (E)	on	Clay St		00:00:00	0.00 mi
	in	0.22 mi	Turn right (SSE)	on to	Mc Guinness Blvd		00:00:53	0.22 mi
	in	1.03 mi	Keep left (SE)	on to	Mc Guinness Blvd S		00:03:39	1.25 mi
	in	0.17 mi	Go straight (SSE)	on to	Humboldt St		00:04:07	1.42 mi
	in	0.43 mi	Go straight (SSE)	on to	Hunbldt St		00:05:17	1.85 mi
	in	0.01 mi	Turn left (E)	on to	Metropolitan Ave		00:05:17	1.86 mi
	in	0.57 mi	Keep left (ENE)	on to	Grand St		00:06:50	2.43 mi
	in	0.06 mi	Keep right (E)	on to	Metropolitan Ave		00:06:59	2.49 mi
	in	0.32 mi	Turn right (SSE)	on to	Scott Ave		00:07:49	2.81 mi
	in	0.46 mi	Keep left (SE)	on to	Saint Nicholas Ave		00:09:10	3.27 mi
	in	0.24 mi	Turn right (SW)	on to	Dekalb Ave		00:10:08	3.51 mi
	in	0.10 mi	Turn left (SE)	on to	Wyckoff Ave		00:10:31	3.61 mi
	in	0.05 mi	Turn left (NE)	on to	Stockholm St		00:10:42	3.66 mi
	in	0.07 mi	Finish	at	373 Stockholm St		00:10:59	3.73 mi

Total Time: 00:10:59 Total Distance: 3.73 mi

Figure 2: Map to Hospital (overview)



Ecosystems Strategies, Inc.



MW-2 Location of Groundwater Monitoring Well

SB-22 Location of Geoprobe Soil Boring

RW-3 Location of Product Recovery Wells

Existing recovery well with belt skimmer

Existing recovery well with pump

Dark brown to black phthalates/paraffinic oil (free product)

Yellow phthalates (free product)

Petroleum (free product)

Soil Gas Survey Location

Proposed Soil Boring

Existing recovery well (w/proposed future belt skimmer)

Proposed soil boring to be completed as new recovery well (w/ future belt skimmer)

Note: locations dependent on physical constraints within the building

Borings completed as Monitoring Wells

Base Map Source: Advanced Site Restoration, LLC - Borehole & Well Location Map December 2006 Rev: 12/14/06. 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.

Proposed Fieldwork Map

Hazardous Waste Site #224136
280 Franklin Street
Borough of Brooklyn
Kings County, New York

ESI File: SB09110.52
October 2011
Scale : 1" = 47' approximately
Attachment

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

POLYCYCLIC AROMATIC HYDROCARBONS (PAHs)

Agency for Toxic Substances and Disease Registry ToxFAQs **September 1996**

This fact sheet answers the most frequently asked health questions (FAQs) about polycyclic aromatic hydrocarbons (PAHs). For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Exposure to polycyclic aromatic hydrocarbons usually occurs by breathing air contaminated by wild fires or coal tar, or by eating foods that have been grilled. PAHs have been found in at least 600 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What are polycyclic aromatic hydrocarbons?

(Pronounced pŏl′ĭ-sī′klĭk ăr′ə-măt′ĭk hī′drə-kar′bənz)

Polycyclic aromatic hydrocarbons (PAHs) are a group of over 100 different chemicals that are formed during the incomplete burning of coal, oil and gas, garbage, or other organic substances like tobacco or charbroiled meat. PAHs are usually found as a mixture containing two or more of these compounds, such as soot.

Some PAHs are manufactured. These pure PAHs usually exist as colorless, white, or pale yellow-green solids. PAHs are found in coal tar, crude oil, creosote, and roofing tar, but a few are used in medicines or to make dyes, plastics, and pesticides.

What happens to PAHs when they enter the environment?

- PAHs enter the air mostly as releases from volcanoes, forest fires, burning coal, and automobile exhaust.
- PAHs can occur in air attached to dust particles.
- Some PAH particles can readily evaporate into the air from soil or surface waters.
- PAHs can break down by reacting with sunlight and other chemicals in the air, over a period of days to weeks.
- PAHs enter water through discharges from industrial and wastewater treatment plants.
- Most PAHs do not dissolve easily in water. They stick to solid particles and settle to the bottoms of lakes or rivers.
- Microorganisms can break down PAHs in soil or water after a period of weeks to months.
- In soils, PAHs are most likely to stick tightly to particles; certain PAHs move through soil to contaminate underground water.
- PAH contents of plants and animals may be much higher than PAH contents of soil or water in which they live.

How might I be exposed to PAHs?

- Breathing air containing PAHs in the workplace of coking, coal-tar, and asphalt production plants; smokehouses; and municipal trash incineration facilities.
- Breathing air containing PAHs from cigarette smoke, wood smoke, vehicle exhausts, asphalt roads, or agricultural burn smoke.
- Coming in contact with air, water, or soil near hazardous waste sites.
- Eating grilled or charred meats; contaminated cereals, flour, bread, vegetables, fruits, meats; and processed or pickled foods.
- Drinking contaminated water or cow's milk.

- Nursing infants of mothers living near hazardous waste sites may be exposed to PAHs through their mother's milk.

How can PAHs affect my health?

Mice that were fed high levels of one PAH during pregnancy had difficulty reproducing and so did their offspring. These offspring also had higher rates of birth defects and lower body weights. It is not known whether these effects occur in people.

Animal studies have also shown that PAHs can cause harmful effects on the skin, body fluids, and ability to fight disease after both short- and long-term exposure. But these effects have not been seen in people.

How likely are PAHs to cause cancer?

The Department of Health and Human Services (DHHS) has determined that some PAHs may reasonably be expected to be carcinogens.

Some people who have breathed or touched mixtures of PAHs and other chemicals for long periods of time have developed cancer. Some PAHs have caused cancer in laboratory animals when they breathed air containing them (lung cancer), ingested them in food (stomach cancer), or had them applied to their skin (skin cancer).

Is there a medical test to show whether I've been exposed to PAHs?

In the body, PAHs are changed into chemicals that can attach to substances within the body. There are special tests that can detect PAHs attached to these substances in body tissues or blood. However, these tests cannot tell whether any health effects will occur or find out the extent or source of your exposure to the PAHs. The tests aren't usually available in your doctor's office because special equipment is needed to conduct them.

Has the federal government made recommendations to protect human health?

The Occupational Safety and Health Administration (OSHA) has set a limit of 0.2 milligrams of PAHs per cubic meter of air (0.2 mg/m^3). The OSHA Permissible Exposure Limit (PEL) for mineral oil mist that contains PAHs is 5 mg/m^3 averaged over an 8-hour exposure period.

The National Institute for Occupational Safety and Health (NIOSH) recommends that the average workplace air levels for coal tar products not exceed 0.1 mg/m^3 for a 10-hour workday, within a 40-hour workweek. There are other limits for workplace exposure for things that contain PAHs, such as coal, coal tar, and mineral oil.

Glossary

Carcinogen: A substance that can cause cancer.

Ingest: Take food or drink into your body.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for polycyclic aromatic hydrocarbons. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

Return to MSDS List , Previous MSDS , Next MSDS

MATERIAL SAFETY DATA SHEET

SECTION 1. Product and Company Identification
MINERAL OIL

Product Code: HH-MINERAL OIL
Product Name: MINERAL OIL **Chemical Family:** Compound

Manufacturer Name and Address:		Telephone Numbers:	Dates:
Distributed by:	CHEMTREC	(800)424-9300	Date Created: 10/04/1994
Farnam Companies, Inc.	District of Columbia	(202)483-0414	Revision: 06/26/2007
301 West Osborn Road	Farnam Companies, In	(800)234-2269	Printed: 06/29/2007
Phoenix, AZ.			

Additional Identity Information
77601

SECTION 2. Composition/Information on Ingredients
MINERAL OIL

	Hazardous Components (Chemical Name)	CAS #	Concentration
1.	MINERAL OIL USP	8042-47-5	90.0 -100.0 %

	OSHA PEL	ACGIH TLV
1.	No data.	No data.

SECTION 3. Hazards Identification
MINERAL OIL

Emergency Overview
No data available.
Route(s) of Entry: Inhalation? No , Skin? No , Eyes? No , Ingestion? Yes
Potential Health Effects (Acute and Chronic)
Under Manufacturing Conditions: On rare occasions, prolonged and repeated exposure to oil mist poses a risk of pulmonary disease such as chronic lung inflammation. This condition is usually asymptomatic as a result of repeated small aspirations. Shortness of breath and cough are the most common symptoms. Aspiration may lead to chemical pneumonitis which is characterized by pulmonary edema and hemorrage, and may be fatal. Signs of lung involvement include increased respiration rate, increased heart rate, and a bluish discoloration of the skin. Coughing, choking, and gagging are often noted at the time of aspiration. Gastrointestinal discomfort may develop, followed by vomiting, with a further risk of

aspiration.

Carcinogenicity: NTP? No , IARC Monographs? No , OSHA Regulated? No
Carcinogenicity/Other Information
No data available.
Signs and Symptoms Of Exposure
May cause slight eye irritation

Medical Conditions Generally Aggravated By Exposure
none known

SECTION 4. First Aid Measures
MINERAL OIL

Emergency and First Aid Procedures
IF INGESTED: Do NOT induce vomiting because of aspiration hazard. If victim is conscious,give 1 to 3 glasses of water or milk and contact physician or Poison Control Center. May act as laxative.
IF INHALED: Remove to fresh air. Administer respiration if indicated. If unconscious, seek medical attention.
IF IN EYES: Immediately flush with large amounts of water and continue flushing for 15 minutes. If material is hot, treat for thermal burns and take patient to hospital immediately.
IF ON SKIN: Remove contaminted clothing. If material is hot, submerge injured area in cold water. If patient is severely burned, remove to a hospital immediately.

Note to Physician
No data available.

SECTION 5. Fire Fighting Measures
MINERAL OIL

Flash Pt: 400.00 F **Method Used:** TCC
Explosive Limits: LEL: NE UEL: NE
Autoignition Pt: N.A. **Extinguishing Media**
dry chemical, foam, water spray, or carbon dioxide

Fire Fighting Instructions
Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, expecially if sprayed into containers of hot, burning liquid. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

Flammable Properties and Hazards
Dense smoke may be generated while burning. Carbon monoxide, carbon dioxide and other oxides may be generated as products of combustion.

Hazardous Combustion Products
No data available.

SECTION 6. Accidental Release Measures
MINERAL OIL

Steps To Be Taken In Case Material Is Released Or Spilled
Contain spill immediately. Do not allow spill to enter sewers or watercourses. Remove all sources of ignition. Absorb with appropriate inert material such as sand, clay, etc.. Large spills may be picked up using vacumn pumps, shovels, buckets, or other means and placed in drums or other suitable containers.

SECTION 7. Handling and Storage
MINERAL OIL

Hazard Label Information:
Good general ventilation should be su Facilities storing or utilizing this
Precautions To Be Taken in Handling
Do not transfer to unmarked containers. Store in closed containers away from heat, sparks, open flame, or oxidizing materials. Flammable and combustible liquids.

Precautions To Be Taken in Storing
No data available.
Other Precautions
KEEP OUT OF REACH OF CHILDREN

SECTION 8. Exposure Controls/Personal Protection
MINERAL OIL

Respiratory Equipment (Specify Type)
none under normal use, NIOSH cert. OVR w/dust & mist filter

Eye Protection
Chemical goggles

Protective Gloves
Impervious gloves

Other Protective Clothing
Clothes to prevent skin contact

Engineering Controls (Ventilation etc.)
Local Exhaust: sufficient
Special:
Mechanical (Gen):
Other:

Work/Hygienic/Maintenance Practices
Wash hands before eating, smoking or using restroom.

SECTION 9. Physical and Chemical Properties
MINERAL OIL

Solubility Notes
Negligible

Physical States:	[ ] Gas , [X] Liquid , [ ] Solid
Boiling Point:	740.00 F
Melting Point:	N.A.
Specific Gravity (Water = 1):	0.840000 at 77.0 F
Density:	No data.
Vapor Pressure (vs. Air or mm Hg):	N.A.
Vapor Density (vs. Air = 1):	> AIR
Evaporation Rate (vs Butyl Acetate=1):	N.A.
Solubility in Water:	N.A.
Percent Volatile:	N.A.
Saturated Vapor Concentration:	No data.
Viscosity:	No data.
pH:	No data.

Appearance and Odor
Clear,light colored liquid

SECTION 10. Stability and Reactivity
MINERAL OIL

Stability: Unstable [ ] Stable [X]
Conditions To Avoid - Instability
none known

Incompatibility - Materials To Avoid
strong oxidizing agents

Hazardous Decomposition Or Byproducts
In fire conditions, CO, CO2, and reactive hydrocarbons may be produced.

Hazardous Polymerization: Will occur [ ] Will not occur [X]
Conditions To Avoid - Hazardous Polymerization
will not occur

SECTION 11. Toxicological Information
MINERAL OIL

No data available.

SECTION 12. Ecological Information
MINERAL OIL

No data available.

SECTION 13. Disposal Considerations
MINERAL OIL

Waste Disposal Method
Dispose of in accordance with local, State and Federal regulations.

SECTION 14. Transport Information
MINERAL OIL

DOT Proper Shipping Name
No data available.

DOT Hazard Label: None
UN/NA Number: No dat

Additional Transport Information
No data available.

SECTION 15. Regulatory Information
MINERAL OIL

No data available.

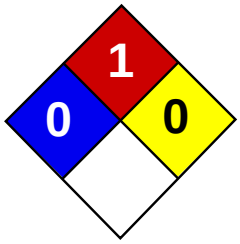
SECTION 16. Other Information
MINERAL OIL

Supercedes Revision 04/25/2001

NFPA Hazard Ratings:

Minimal:	0
Slight:	1
Moderate:	2
Serious:	3
Extreme:	4

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.



Health	1
Fire	1
Reactivity	0
Personal Protection	A

Material Safety Data Sheet
Dioctyl phthalate MSDS

Section 1: Chemical Product and Company Identification

Product Name: Dioctyl phthalate

Catalog Codes: SLD3478

CAS#: 117-81-7

RTECS: TI0350000

TSCA: TSCA 8(b) inventory: Dioctyl phthalate

CI#: Not available.

Synonym: Bisoflex 81, Bisoflex DOP, DEHP, Eviplast 80, Eviplast 81, Fleximel, Flexol DOP, Flexol Plasticizer DOP, Hatcol DOP, Jayflex DOP, Kodaflex DOP, Octoil, Platinol DOP, Reomol DOP, Staflex DOP, Truflex DOP, Vestinol AH, Vinicizer 80, Witicizer 312; Di-(2-ethylhexyl)phthalate; BIS(2-Ethylhexyl)phthalate; 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl)ester; 2-Ethylhexyl phthalate; bis(2-ethylhexyl)-1,2-benzenedicarboxylate; Di(2-Ethylhexyl)orthophthalate

Chemical Name: Phthalic acid, bis(2-ethylhexyl)ester

Chemical Formula: C24-H38-O4

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Dioctyl phthalate	117-81-7	100

Toxicological Data on Ingredients: Dioctyl phthalate: ORAL (LD50): Acute: 30000 mg/kg [Rat]. >30000 mg/kg [Mouse]. 34000 mg/kg [Rabbit]. DERMAL (LD50): Acute: 25000 mg/kg [Rabbit].

Section 3: Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH. Classified 2 (Some evidence.) by NTP. 3 (Not classifiable for human.) by IARC. MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. TERATOGENIC EFFECTS:

Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to liver. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: 390.56°C (735°F)

Flash Points: CLOSED CUP: 207°C (404.6°F). OPEN CUP: 215.56°C (420°F) - 218 C (Cleveland).

Flammable Limits: LOWER: 0.3%

Products of Combustion: These products are carbon oxides (CO, CO2).

Fire Hazards in Presence of Various Substances:
Slightly flammable to flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: When heated to decomposition it emits acrid smoke and irritating fumes.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:
Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection: Safety glasses. Lab coat.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 5 (mg/m3) from ACGIH (TLV) [United States] TWA: 5 (mg/m3) from OSHA (PEL) [United States] TWA: 5 STEL: 10 (mg/m3) from NIOSH [United States]3 Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid. (Oily liquid.)

Odor: Slight.

Taste: Not available.

Molecular Weight: 390.54 g/mole

Color: Colorless to light yellow.

pH (1% soln/water): Not applicable.

Boiling Point: 384°C (723.2°F)

Melting Point: -55 C to -46°C (-50.8°F)

Critical Temperature: Not available.

Specific Gravity: 0.9861 (Water = 1)

Vapor Pressure: 0 kPa (@ 20°C)

Vapor Density: 16 (Air = 1)

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: The product is more soluble in oil; log(oil/water) = 7.6

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility:
Insoluble in cold water. It is miscible in mineral oil, and hexane. It is slightly soluble in carbon tetrachloride.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Excess heat, ignition sources, incompatible materials

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Eye contact.

Toxicity to Animals:
Acute oral toxicity (LD50): 30000 mg/kg [Rat]. Acute dermal toxicity (LD50): 25000 mg/kg [Rabbit].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH. Classified 2 (Some evidence.) by NTP. 3 (Not classifiable for human.) by IARC. MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. May cause damage to the following organs: liver.

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans:
Testicular damage in animal. May cause adverse reproductive effects and birth defects (teratogenic). May affect genetic material (mutagenic). May cause cancer based on animal test data

Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects: Skin: It may cause mild skin irritation. It is not easily absorbed through human skin. Eyes: It may cause mild eye irritation. Inhalation: At significant concentrations, it may cause upper respiratory tract (nost, throat) and mucous membrane irritation. Acute larger inhalation exposure may result in tachypnea or dyspnea. Ingestion: Considered innocuous at small doses. Low hazard for normal industrial handling. May cause digestisve tract irritation with mild gastric disturbances and diarrhea may occur following ingestion of larger doses. CNS depression may occur if large amounts of phthalate esters are absorbed. Chronic Potential Heatlh Effects: Ingestion: Prolonged or repeated ingestion may affect the liver

Section 12: Ecological Information

Ecotoxicity:
Ecotoxicity in water (LC50): 0.7 mg/l 96 hours [Lepomis macrochirus]. >100 mg/l 96 hours [Channel catfish]. >100 mg/l 96 hours [Trout].

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Dioctyl phthalate California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Dioctyl phthalate Connecticut hazardous material survey.: Dioctyl phthalate Illinois toxic substances disclosure to employee act: Dioctyl phthalate Illinois chemical safety act: Dioctyl phthalate New York release reporting list: Dioctyl phthalate Rhode Island RTK hazardous substances: Dioctyl phthalate Pennsylvania RTK: Dioctyl phthalate Minnesota: Dioctyl phthalate Massachusetts RTK: Dioctyl phthalate Massachusetts spill list: Dioctyl phthalate New Jersey: Dioctyl phthalate New Jersey spill list: Dioctyl phthalate Louisiana spill reporting: Dioctyl phthalate California Director's List of Hazardous Substances: Dioctyl phthalate TSCA 8(b) inventory: Dioctyl phthalate TSCA 8(a) IUR: Dioctyl phthalate TSCA 8(d) H and S data reporting: Dioctyl phthalate: Effective date: 10/4/82; Sunset data: 10/4/92 SARA 313 toxic chemical notification and release reporting: Dioctyl phthalate CERCLA: Hazardous substances.: Dioctyl phthalate: 100 lbs. (45.36 kg)

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R60- May impair fertility. R61- May cause harm to the unborn child. S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S53- Avoid exposure - obtain special instructions before use.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 1

Reactivity: 0

Personal Protection: a

National Fire Protection Association (U.S.A.):

Health: 0

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Not applicable. Lab coat. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

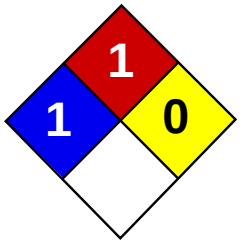
Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 10/09/2005 05:14 PM

Last Updated: 11/01/2010 12:00 PM



Health	1
Fire	1
Reactivity	0
Personal Protection	A

Material Safety Data Sheet
Diethyl phthalate MSDS

Section 1: Chemical Product and Company Identification

Product Name: Diethyl phthalate

Catalog Codes: SLD3262, SLD1141

CAS#: 84-66-2

RTECS: TI1050000

TSCA: TSCA 8(b) inventory: Diethyl phthalate

CI#: Not available.

Synonym: Anozol; DEP; Diethyl 1,2-benzene dicarboxylate; Diethyl o-phthalate; Ethyl Phthalate; Neantine; o-Benzenedicarboxylic acid diethyl ester; Palatinol A; Phthalol; Solvanol

Chemical Name: Phthalic acid, diethyl ester

Chemical Formula: C12H14O4

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Diethyl phthalate	84-66-2	100

Toxicological Data on Ingredients: Diethyl phthalate: ORAL (LD50): Acute: 8600 mg/kg [Rat]. 6172 mg/kg [Mouse]. 1000 mg/kg [Rabbit].

Section 3: Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH. MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to liver, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. WARM water MUST be used. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: 457.22°C (855°F)

Flash Points:
CLOSED CUP: 117°C (242.6°F) (ITI). OPEN CUP: 161.11°C (322°F) (Natioinal Fire Protection Agency); 163 C. (Clayton & Clayton, 1994).

Flammable Limits: LOWER: 0.7%

Products of Combustion: These products are carbon oxides (CO, CO2).

Fire Hazards in Presence of Various Substances: Slightly flammable to flammable in presence of open flames and sparks, of heat.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: When heated to decomposition it emits acrid smoke and irritating fumes.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:
Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray.

Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection: Safety glasses. Lab coat.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 5 (mg/m3) from ACGIH (TLV) [United States] TWA: 5 (mg/m3) from OSHA (PEL) [United States] TWA: 5 (mg/m3) from NIOSH [United States] TWA: 5 STEL: 10 (mg/m3) [United Kingdom (UK)] TWA: 5 STEL: 10 (mg/m3) [Canada]Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid. (Oily liquid.)

Odor: Odorless.

Taste: Bitter.

Molecular Weight: 222.24 g/mole

Color: Clear Colorless.

pH (1% soln/water): Not available.

Boiling Point: 298°C (568.4°F)

Melting Point: -40.5°C (-40.9°F)

Critical Temperature: Not available.

Specific Gravity: 1.12 or 1.118 - 1.122 (Water = 1)

Vapor Pressure: Not available.

Vapor Density: 7.66 (Air = 1)

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: The product is more soluble in oil; log(oil/water) = 2.5

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, diethyl ether, acetone.

Solubility:
Soluble in diethyl ether, acetone. Insoluble or very slightly soluble in cold water. Soluble in alcohol, benzene. Miscible with vegetable oils, ketones, esters, aromatic hydrocarbons. Partially miscible with aliphatic solvents. Solubility in water: 1000 mg/l at 25 deg. C.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Heat, ignition sources, incompatible materials.

Incompatibility with various substances: Reactive with oxidizing agents, acids.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:
May attack some forms of plastic. Incompatible with permanganates, nitric acid.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Eye contact.

Toxicity to Animals: Acute oral toxicity (LD50): 1000 mg/kg [Rabbit].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH. MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. May cause damage to the following organs: liver, central nervous system (CNS).

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans:
Passes through the placental barrier in animal. May cause adverse reproductive effects and birth defects (teratogenic) based on animal test data. May affect genetic material (mutagenic). May cause cancer based on animal test data. No human data found.

Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects: Skin: May cause skin irritation. May be absorbed through the skin. Eyes: May cause eye irritation. May cause lacrimation. Inhalation: Breathing in mist or vapor may cause respiratory tract (nose, throat) irritation. Symptoms may include coughing and hoarseness, and dyspnea. Contact with mist or vapor may cause lacrimation. Inhalation of high concentrations may affect behavior/central nervous system/nervous system (central nervous system depression, headache, dizziness, polyneuropathy, and pain, numbness, weakness, muscle spasms in the arms and legs) Ingestion: Ingestion of large doses may cause gastrointestinal tract irritation. May affect behavior/central nervous system (somnolence, withdrawl and other symptoms similar to that of inhalation), metabolism (weight loss). Chronic Potential Health Effects: Ingestion: Prolonged or repeated ingestion may affect the liver, metabolism (weight loss), blood (changes in serum composition), urinary system (bladder), behavior (see acute ingestion). May cause pupilliary constriction.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Reportable Quantity: 1000 lbs./453.6 kg

Section 15: Other Regulatory Information

Federal and State Regulations:
Connecticut hazardous material survey.: Diethyl phthalate Illinois toxic substances disclosure to employee act: Diethyl phthalate Illinois chemical safety act: Diethyl phthalate New York release reporting list: Diethyl phthalate Rhode Island RTK hazardous substances: Diethyl phthalate Pennsylvania RTK: Diethyl phthalate Minnesota: Diethyl phthalate Massachusetts RTK: Diethyl phthalate Massachusetts spill list: Diethyl phthalate New Jersey: Diethyl phthalate New Jersey spill list: Diethyl phthalate Louisiana spill reporting: Diethyl phthalate California Director's List of Hazardous Substances: Diethyl phthalate TSCA 8(b) inventory: Diethyl phthalate TSCA 8(a) IUR: Diethyl phthalate TSCA 8(d) H and S data reporting: Diethyl phthalate: Effective date: 10/04/82; Sunset Date: 10/04/92 CERCLA: Hazardous substances.: Diethyl phthalate: 1000 lbs. (453.6 kg)

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):
This product is not classified according to the EU regulations. Not applicable.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 1

Reactivity: 0

Personal Protection: a

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Not applicable. Lab coat. Not applicable. Safety glasses.

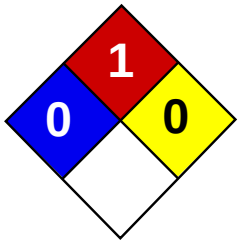
Section 16: Other Information

References:
-Manufacturer's Material Safety Data Sheet. -Hazardous Substance Data Bank (HSDB) Registery of Toxic Effects of Chemical Substances (RTECS) -Hazardtext -National Fire Protection Association (NFPA), Fired Protection Guide to Hazardous Materials, 13th ed.

Other Special Considerations: Not available.

Created: 10/09/2005 05:09 PM

Last Updated: 11/01/2010 12:00 PM



Material Safety Data Sheet
Dibutyl phthalate MSDS

Section 1: Chemical Product and Company Identification

Product Name: Dibutyl phthalate

Catalog Codes: SLD1414

CAS#: 84-74-2

RTECS: TI0875000

TSCA: TSCA 8(b) inventory: Dibutyl phthalate

CI#: Not available.

Synonym: Benzene-o-dicarboxylic acid di-n-butyl ester; Di-n-butyl phthalate; Dibutyl 1,2-benzenedicarboxylate; Dibutyl o-phthalate; n-Butylphthalate

Chemical Name: Phthalic acid, dibutyl ester

Chemical Formula: C16-H22-O4

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Dibutyl phthalate	84-74-2	100

Toxicological Data on Ingredients: Dibutyl phthalate: ORAL (LD50): Acute: 7499 mg/kg [Rat]. 3474 mg/kg [Mouse]. 10000 mg/kg [Guinea pig]. DERMAL (LD50): Acute: >20000 mg/kg [Rabbit]. MIST (LC50): Acute: 25000 mg/m 2 hours [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of eye contact (irritant). Slightly hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to kidneys, the nervous system, liver, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. WARM water MUST be used. Get medical attention.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: 402°C (755.6°F)

Flash Points: CLOSED CUP: 157°C (314.6°F). (TAG) OPEN CUP: 191°C (375.8°F) (Cleveland).

Flammable Limits: LOWER: 0.5%

Products of Combustion: These products are carbon oxides (CO, CO2).

Fire Hazards in Presence of Various Substances: Slightly flammable to flammable in presence of open flames and sparks, of heat.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:
Absorb with an inert material and put the spilled material in an appropriate waste disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Avoid contact with eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids, alkalis.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:
Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 5 (mg/m3) from OSHA (PEL) [United States] TWA: 5 (mg/m3) from ACGIH (TLV) [United States] Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid. (Viscous liquid.)

Odor: Ester (Slight.)

Taste: Bitter. (Strong.)

Molecular Weight: 278.34 g/mole

Color: Colorless to light yellow.

pH (1% soln/water): Not available.

Boiling Point: 340°C (644°F)

Melting Point: -35°C (-31°F)

Critical Temperature: 500°C (932°F)

Specific Gravity: 1.0465 (Water = 1)

Vapor Pressure: 0 kPa (@ 20°C)

Vapor Density: 9.58 (Air = 1)

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: The product is more soluble in oil; log(oil/water) = 4.9

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, diethyl ether, acetone.

Solubility:
Soluble in diethyl ether, acetone. Very slightly soluble in cold water. Solubility in water: 13 mg/l @ 25 deg. C. Soluble in benzene, alcohol, most organic solvents and oils.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Reactive with oxidizing agents, acids, alkalis.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 3474 mg/kg [Mouse]. Acute dermal toxicity (LD50): >20000 mg/kg [Rabbit]. Acute toxicity of the mist (LC50): 25000 mg/m 2 hours [Rat]. 3

Chronic Effects on Humans: May cause damage to the following organs: kidneys, the nervous system, liver, central nervous system (CNS).

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans:
May cause adverse reproductive effects and birth defects (teratogenic). May affect genetic material (mutagenic)

Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects: Skin: May cause skin irritation, stinging and burning sensation. It can cause dermatitis. It can be absorbed by the skn Eyes: Splash contact can cause immediate, severe stinging pain, and profuse tearing. Inhalation: It can irritate the nose and throat. It may affect behavior/central nervous system (headache, drowsiness, hallucinations, ataxia, somnolence, seizures). It may cause nausea. Ingestion: May cause nausea, vomiting. It may affect behavior/central nervous system (headache, drowsiness, hallucinations, ataxia, somnolence, seizures), liver(hepatomegaly, increased liver enzymes), and kidneys (nephritis), blood (normocytic anemia, leukopenia), respiration (dyspnea), metabolism (anorexia, weight loss. May also cause conjunctivitis and edema of the eyelids. Chronic Potential Health Effects: Ingestion: Prolonged or repeated ingestion may have symptoms similar to that of acute ingestion.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: CLASS 9: Miscellaneous hazardous material.

Identification: : Environmentally hazardous substance, liquid, n.o.s. (Dibutyl phthalate) UNNA: 3082 PG: III

Special Provisions for Transport: Marine Pollutant

Section 15: Other Regulatory Information

Federal and State Regulations:
Connecticut hazardous material survey.: Dibutyl phthalate Illinois toxic substances disclosure to employee act: Dibutyl phthalate Illinois chemical safety act: Dibutyl phthalate New York release reporting list: Dibutyl phthalate Rhode Island RTK hazardous substances: Dibutyl phthalate Pennsylvania RTK: Dibutyl phthalate Minnesota: Dibutyl phthalate Massachusetts RTK: Dibutyl phthalate Massachusetts spill list: Dibutyl phthalate New Jersey: Dibutyl phthalate New Jersey spill list: Dibutyl phthalate Louisiana spill reporting: Dibutyl phthalate California Director's List of Hazardous Substances: Dibutyl phthalate TSCA 8(b) inventory: Dibutyl phthalate TSCA 8(a) IUR: Dibutyl phthalate TSCA 8(d) H and S data reporting: Dibutyl phthalate: Effective Date: 10/4/82; Sunset Date: 10/4/92 SARA 313 toxic chemical notification and release reporting: Dibutyl phthalate CERCLA: Hazardous substances.: Dibutyl phthalate: 10 lbs. (4.536 kg)

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):
R50- Very toxic to aquatic organisms. R61- May cause harm to the unborn child. R62- Possible risk of impaired fertility. S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S53- Avoid exposure - obtain special instructions before use. S61- Avoid release to the environment. Refer to special instructions/Safety data sheets.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 0

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 10/10/2005 08:17 PM

Last Updated: 11/01/2010 12:00 PM

APPENDIX C

Community Air Monitoring Plan

New York State Department of Health
Generic Community Air Monitoring Plan

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for volatile organic compounds (VOCs) and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate NYSDEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. "Periodic" monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to

leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

- If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

- If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

- If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

All 15-minute readings must be recorded and be available for State (DEC and DOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored **continuously** at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

- If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

- If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

All readings must be recorded and be available for State (DEC and DOH) personnel to review.

APPENDIX D

Quality Assurance Project Plan

QUALITY ASSURANCE PROJECT PLAN

for the

Former NuHart Plastic Manufacturing Site

280 Franklin Street
Brooklyn, New York

Hazardous Waste Site No. 224136

October 2011

ESI File: SB09110

Prepared By:

Ecosystems Strategies, Inc.
24 Davis Avenue, Poughkeepsie, NY 12603
phone 845.452.1658 | fax 845.485.7083 | ecosystemsstrategies.com

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Attachment – Resumes

1.0 PROJECT MANAGEMENT

1.1 Project/Task Organization

The following individuals are major participants in the project. Following each project participant is their specific responsibilities and authorities for the project. Resumes for Ecosystem Strategies, Inc. personnel are located in Appendix A of this Quality Assurance Project Plan (QAPP).

Bryan Wong **New York State Department of Environmental Conservation (NYSDEC)**

Bryan Wong is the project manager for the NYSDEC. He is responsible for review and approval of all project submittals.

Paul Ciminello **President, Ecosystems Strategies, Inc. (ESI)**

Paul Ciminello will be responsible for overview of all project activities. Mr. Ciminello has authority over all Ecosystems Strategies, Inc (ESI) personnel and subcontractors.

Kimberly Punchar **Senior Project Manager, ESI**

Kimberly Punchar will be responsible for directing and coordinating all project activities, reviewing all project documents, and ensuring that project plans are followed. Ms. Punchar has authority to direct the activities of the field team (OSC and drilling subcontractor).

Richard Hooker **Quality Assurance Officer, ESI**

Richard Hooker will be responsible for reviewing all sampling procedures and certifying that the data was collected and analyzed using the appropriate procedures and will act in conjunction with the project manager in the development of the sampling and analytical portion of a site-specific quality assurance project plan (QAPP).

Melissia Pentz and/or Elizabeth Jerry **On-Site Coordinator (OSC) ESI**

The OSC will be responsible for the completion of all on-site fieldwork, collection of all samples, completion of the field log, and chains of custody. The OSC will have authority over all on-site subcontractors.

Drilling Subcontractor

The drilling subcontractor will be responsible for the operation of drilling equipment.

Laboratory Subcontractor

The laboratory subcontractor will be responsible for the analysis of samples. The laboratory subcontractor will be New York State Department of Health Environmental Laboratory Approved Program (ELAP) certified in the appropriate categories.

1.2 Principal Data Users

The principal users of the generated data in this project are listed below.

- Residents of Brooklyn, especially those residing in the vicinity of the Site
- 49 Dupont Realty Corp.
- NYSDEC

1.3 Problem Definition/Background

The Site is the western portion of an industrial building complex which consists of a number of separate buildings joined together over time (the "Complex") in the Greenpoint section of Brooklyn, in a mixed use (industrial/commercial/residential) area. The approximately 1 acre Site is described 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 bordered immediately to the north and east by commercial/industrial buildings, to the south by multi-family residential structures, and to the west, a park. Additional residential structures are located east of the Complex.

Soil and groundwater have been contaminated by phthalates and a mix of phthalates and paraffinic oil (mineral oil) used historically for industrial operations conducted at this Site. The Site is currently vacant (not used for industrial purposes at the present time).

The most recent manufacturing operations that occurred at the Site did not involve the use of paraffinic/Mineral Oil (this constituent is likely a result of past industrial manufacturing operations conducted by the previous property owner[s]).

Information regarding the industrial history at this location was obtained during the completion of a Phase I Environmental Site Assessment for the property. The Complex had several commercial/industrial uses prior to 1950 including: an ironworks, stables, a gas and electric light fixture factory, a sheet metal works, a soap manufacturer, a water proofing manufacturer, and a scrap metal facility. After 1950, the 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).

A Preliminary Phase I Site Assessment and a Phase I Environmental Site Assessment were completed for the Complex by RTP Environmental Associates Inc. and FPM Group, respectively. The reports identified the presence of underground storage tanks (USTs), sub-grade pipe trenches, a loading dock drain and silos in the portion of the Complex that is the Site.

The property owner retained an environmental consultant, Advanced Site Restoration, LLC (ASR), to properly clean and close the USTs (closed in place) and trenches identified at the Site. Tank and trench cleaning/closure and product disposal activities were documented in ASR's Underground Tank Closure Report, dated July 2006.

ASR also advanced extensive soil borings throughout the Site so that soil samples could be collected from the surface and/or the soil-groundwater interface. Elevated concentrations of Regulated Chemicals (a mix of phthalates and mineral oil) were detected at some of the borings located on the Site.

Groundwater monitoring wells and product recovery wells were installed by ASR as documented in a Phase II Site Assessment report, dated March 2007. Free product was detected in several of the on-site wells, but not in the off-site wells. As a result, several additional product recovery wells were installed on the Site and free product was subsequently removed from the recovery wells. Product removal activities were documented in a Monthly Monitoring Report, dated December 27, 2007 and several Quarterly Sampling Reports prepared by ASR.

The most recent investigative activities at the Site, conducted in 2010, were completed by Ecosystems, Strategies, Inc. (ESI) and the results are documented in ESI's April 2010 Interim Investigation Report). This ESI report indentifies several constraints with regard to implementing remedial activities for the Site, which will have to be considered while developing any further interim and/or full-scale remediation.

The interim remedial measure being implemented at the Site to address the presence of free product is described below.

Product Recovery Belt skimmers have been installed at the Site to continuously remove free product from wells to the surface where it is collected/removed for off-site disposal. Belt skimmers make use of the differences in specific gravity and surface tension between oil and water. These physical characteristics allow the skimmer's continuous belt to attract floating oil in the well. After picking up the oil, the belt travels over the head pulley on the drive unit and through tandem wiper blades. The oil is then scraped off both sides of the belt and discharged to a collection vessel.

1.4 Project/Task Description

The project will meet its objective through the following actions:

- Compliance with DER-10 Technical Guidance for Site Investigation and Remediation, dated May 3, 2010; and,
- Compliance with the RIR.

1.5 Quality Objectives and Criteria

The data collected in this project will be used to further investigate the extent of existing contamination at the Site by documenting and clearly defining the presence or absence of contaminants in subsurface soils and groundwater so further investigation and/or remedial activities can be completed / recommended, as appropriate.

In order to meet the data quality objectives of precision, accuracy, representation, comparability, and completeness the following actions will be taken:

- Duplicate samples will be collected and analyzed (see Section 2.4, below) in order to determine the degree to which measurements obtained under the same protocols are consistent and reproducible.
- Matrix spike samples will be collected and analyzed (see Section 2.4, below) in order to determine accuracy for the samples.
- A trip blank sample will also be analyzed (see Section 2.4, below) in order to detect potential contamination during sample transport (this applies to VOC groundwater samples only).
- A rinse blank will be prepared and analyzed (see Section 2.4, below) for each non-dedicated piece of sampling equipment, if applicable.
- Data generated during the completion of the RIWP will be submitted for review by a third, independent party (see Section 3.2.1, below).

Prior to field activities, the Project Manager and the OSC will review the RAWP to ensure that the data quality objectives of precision, accuracy, representation, comparability, and completeness will be met during the field activities. At the completion of field activities, the Project Manager will review field logs and chains of custody to ensure that field activities met the intent of the RAWP. If a problem is identified, Mr. Paul Ciminello and the Project Manager will meet to determine corrective measures necessary to meet data quality objectives.

1.6 Documents and Records

Electronic and paper copies of all measurements will be retained by Ecosystems Strategies, Inc. As part of the process, documentation of sufficient quality and quantity to represent subsurface conditions at the Site will be provided to the NYSDEC in a Remedial Investigation Report (RIR).

2.0 DATA GENERATION AND ACQUISITION

2.1 Sampling Methods

Samples will be collected in appropriately-sized containers provided by the laboratory, in the manner outlined in the RAWP. Containers will be labeled indicating sample location and depth (if applicable). Soil samples will be collected using properly decontaminated stainless steel trowels and/or dedicated disposable latex gloves. During the sampling procedure, samples will be stored in a cooler prior to transport to the approved laboratory. Any alteration of groundwater samples for metals analysis will be done in accordance with Section 2.1(g) of DER-10.

2.2 Sample Handling and Custody

Samples will be handled by the OSC. After each sample is collected, it will be placed in a sample cooler that is maintained at 4 (+/-2) °C. For each sampling day, sampling personnel will be required to complete a sampling custody worksheet indicating all pertinent information about the samples collected, handling methods, name of the collector, and chain of custody (which will require a Category B Data Deliverable). Upon the completion of each day of sample collection activities, all samples will be shipped via either courier or overnight delivery (per laboratory requirements) to a NYSDOH ELAP certified laboratory. Laboratory personnel will record the cooler temperature upon receipt and analyze the samples prior to the expiration of the hold times as specified in the Analytical Service Protocol Exhibit I Sample Container Cleaning Procedures, Sample Preservation, and Holding Times as indicated in NYSDEC's Analytical Service Protocol Exhibit 1 (July 2005).

2.3 Analytical Methods

Samples (as outlined in the RIWP) will be analyzed for the following:

Table 1: Analytical Methods/Quality Assurance Summary Table

Matrix (& QA/QC)	Sample Analysis (& Holding Times)	Analytical Method	Container (per sample)	Preservative	Number of Samples (& Locations)
Soil (1Duplicate & 1 MS/MSD)*	VOC+10 (14 days)	8260C	1, 2 oz glass jar	None	1 per boring (Borings SB-60 through SB-75)***
Soil (1Duplicate & 1 MS/MSD)*	SVOCs+20 (14 days)	8270B	1, 8 oz glass jar**	None	1 per boring (Borings SB-60 through SB-75)***
Soil (1Duplicate & 1 MS/MSD)*	TAL Metals (6 months)	6010C	1, 8 oz glass jar **	None	1 per boring (Borings SB-60 through SB-75)***
Groundwater (1 Duplicate, 1 MS/MSD & 1Trip Blank)*	VOC+10 (14 days)	8260C	2, 40-ml vials	HCL	1 per well (Wells RW-13, 14, 15 and MW-4, 6, 7, 12, 13, 14, 15, 16, 20, 21 & 22)***
Groundwater (1Duplicate & 1 MS/MSD)*	SVOCs+20 (7 days)	8270B	2, Amber liters	None	1 per well (Wells RW-13, 14, 15 and MW-4, 6, 7, 12, 13, 14, 15, 16, 20, 21 & 22)***
Groundwater (1Duplicate & 1 MS/MSD)*	TAL Metals (6 months)	6010C	1, 250-ml plastic jar	Nitric Acid	1 per well (Wells RW-13, 14, 15 and MW-4, 6, 7, 12, 13, 14, 15, 16, 20, 21 & 22)***

* See Section 2.4 for a discussion about rinse blanks.
**SVOCs and metals for soils require 1, 8-ounce glass jar (both analyses are run from 1 sample container).
***See RIWP Figure 2 – Proposed Remedial Investigation Map for a depiction of the locations.

2.4 Quality Control

Accuracy and precision will be determined by repeated analysis of laboratory standards, and matrix effects and recovery will be determined through use of spiked samples. With each sample run, standards, blanks, and spiked samples will be run.

One duplicate sample will be collected for every 20 matrix samples (or one per week). One in 20 samples will also be submitted for Matrix spike (MS) and Matrix Spike Duplicate (MSD) analysis. One rinse blank will be prepared for each non-dedicated piece of sampling equipment for every 20 analytical samples collected using that piece of equipment. For each day of sampling, a trip blank will be included with each sample cooler and analyzed for VOCs only. Equipment blanks and duplicate samples will be analyzed for all parameters.

Samples will be identified using a unique ID number. This ID will be recorded on the sampling log and/or field record and the sampling container. Samples for each day of fieldwork will be assigned to a Sample Delivery Group (SDG) for that day and will be shipped via either courier or overnight delivery to the laboratory following proper chain of custody procedure, as described above.

2.5 Instrument/Equipment, Testing, Inspection, and Maintenance

Field measurements will be collected using a PID during all sampling. The PID will be stored at Ecosystems Strategies, Inc. offices when not in use. The instrument will be calibrated in accordance with the manufacturer's instructions. Instrument malfunction is normally apparent during calibration. In the event of malfunction, equipment will be cleaned and tested. Equipment testing, inspection, and maintenance will be the responsibility of the Project Manager and/or the OSC for the project.

2.6 Inspection/Acceptance of Supplies and Consumables

All supplies and consumables will be inspected and tested (if necessary) by either the Project Manager or the OSC upon receipt. The following supplies and consumables will be used:

The following supplies and consumables will be used:

- One 8-oz (for SVOCs and Metals) and one 2-oz (for VOCs) clear glass jar will be used for each soil sample. Duplicate soil samples will each require one additional sample volume. Two 40-ml HCL preserved glass vials (for VOCs), two amber liters (for SVOCs), and one 250-ml plastic jar (for metals) will be used for each groundwater sample, as appropriate.

- Disposable gloves (nitrile or equivalent).

- Distilled water (for decontamination and the preparation of rinse blanks)

2.7 Data Management

For the purpose of data management, the data can be divided into field and laboratory data. Field data will be recorded at the time of measurement on written field logs. Laboratory data will be reviewed upon receipt and summarized in data summary tables.

3.0 DATA VALIDATION AND USABILITY

3.1 Data Review, Verification, and Validation

Data generated by this project will be reviewed, verified and validated as follows

3.1.1 Field Measurements

If field instruments are determined to be functioning correctly through calibration and measurements of standards, and if there are no inconsistencies between written records and data recorded in the meters, the data will be assumed to be valid and will be accepted as an indication of field conditions. If instruments malfunction prior to field measurement, they will be restored to proper function prior to re-use. If they malfunction immediately after field measurements are taken, the measurements will be retaken as soon as possible. Inconsistencies between written records and recorded meter data will be resolved by re-testing the material, if possible. If re-testing is not possible, (i.e. the sample has been shipped to the laboratory), the inconsistency will be described in the RIR and the laboratory analysis will be utilized to classify the material. In addition, all field data will be reviewed by the Project Manager for consistency and plausibility.

3.1.2 Laboratory Analysis

A NYSDOH ELAP-certified laboratory will provide a NYSDEC ASP Category B data package for the determinative sample analyses, as described in Section 2 of DER-10 and the July 2005 NYSDEC ASP.

3.2 Verification and Validation Methods

3.2.1 Verification Method

Once collected, all data will go to the Project Manager for review and verification. Review will involve determining that all data has been collected at the proper locations by the proper persons and that all field and laboratory logs are complete. In addition, a Data Usability Summary Report (DUSR) in accordance with DER-10, Appendix 2B, will be prepared by a third, independent party, which maintains NYSDOH ELAP CLP Certification (the DUSR will also include a current resume for the person who prepared it).

3.2.2 Authority for Verification

Authority for verification, validation, and resolution of data issues will be distributed among the investigators. Authority to resolve issues regarding verification of field measurements will rest with the Project Manager and Mr. Paul Ciminello.

3.2.3 Project Reports

Following review, validation, and verification, all data will be conveyed to users via the RIR. This report will include the following:

- All laboratory analytical results obtained from the field sampling event(s). The analytical results will be summarized in tables and will be provided in the NYSDEC's EDD format (EquIS).
- A detailed account of any field procedures used which deviate from those established in the RIWP.
- A complete set of field notes and/or Field Observation Tables.
- Results of the DUSR review of all laboratory results.

Ecosystems Strategies, Inc.

Paul H. Ciminello, CEM, CAQS
PRESIDENT
paul@ecosystemsstrategies.com

EDUCATION

Master of Environmental Management, 1986
School of the Environment, Duke University, Durham, North Carolina

Master of Arts in Public Policy Sciences, 1986
Institute of Policy Sciences and Public Affairs, Duke University, Durham, North Carolina

Bachelor of Arts, 1980
Tufts University, Medford, Massachusetts

CERTIFICATIONS AND TRAINING

Certified Environmental Manager, Environmental Assessment Association, 2006
Certified Air Quality Specialist, Environmental Assessment Association, 2007
NJ Dept. of Environmental Protection Licensed Subsurface Evaluator (License Number: 0014686)
NYS Dept. of Labor Certified Asbestos Building Inspector (Cert. Number: AH92-14884)
NYS Department of State, Division of Licensing Services, Real Estate Instructor
In compliance with OSHA Hazardous Materials Safety (29 CFR 1910) requirements

PROFESSIONAL EXPERIENCE

President, Ecosystems Strategies, Inc., Poughkeepsie, New York *1992 to present*

Coordinates corporate strategic planning, financial management and marketing activities. Oversees corporate work on state and federal superfund sites and manages education/training services. Responsible for technical services in areas of pollution prevention, contaminant delineation and site remediation. Twenty years experience in the investigation and remediation of petroleum contamination at commercial and residential properties. Major recent projects of relevance include:

- Irvington Waterfront Park (Irvington, NY): Project Manager for site investigation and remedial design of abandoned industrial riverfront properties. Documented soil and groundwater contamination and designed remediation including soil removal and site capping. Project completed in 2000; project awarded the 2000 Gold Medal Award by Consulting Engineers Council of New York State.

- Greyston Bakery Site (Yonkers, NY): Project Manager for site investigation and remedial design of former manufactured gas plant site for future use as a bakery. Documented soil, groundwater and soil gas contamination. Remedial systems included installations of a DNAPL collection system, a barrier layer, a subslab depressurization system under the building, and groundwater monitoring. Project completed in 2004.

- 400 Block Redevelopment (Poughkeepsie, NY): Project Manager for site investigation and remedial design of multi-use industrial development property (boiler repair, clothing manufacturer, auto repair) for future retail/residential use. Documented soil (petroleum, PCBs, metals) and groundwater (petroleum) contamination. Remedial systems include: soil (and tank) removal, installation of a barrier, and groundwater monitoring. Project completed in 2006.

- Parkview Commons Site (Bronx, NY): Project Manager for site investigation and remedial design of former gas station/auto repair facility for future use as a residential/commercial building. Remedial investigation and design is currently on-going. Project completed in 2006.

Senior Hazardous Waste Specialist, U.S. Hydrogeologic, Inc., Poughkeepsie, New York 1986 to 1992

Supervisor for corporate hazardous and solid waste investigatory and remedial services. Major projects included:

- Coordination of subsurface investigations at a New York State Superfund site (former industrial facility); project manager in charge of site reclassification (delisted as of January, 1991).
- Coordination of petroleum storage tank management plan for Dutchess County (NY) Department of Public Works, including an assessment of regulatory compliance, product utilization and physical conditions of more than 100 tanks at over 20 facilities.
- Environmental compliance Audit of 42,000-square foot printing facility with specific remediations for solvent handling/disposal, inks storage and metal recovery processes.

Adjunct Professor, (various institutions) *1991 to Present*

Dutchess Community College, Poughkeepsie, New York
*M*arist College, Poughkeepsie, New York
Vassar College, Poughkeepsie, New York

Courses: Macroeconomics, Environmental Economics (DCC)
Introduction to Environmental Issues (Marist)
Environmental Geology (Vassar)

Policy Intern, Southern Growth Policies Board, North Carolina *1985*

Prepared several in-depth and short analyses of environmental and economic issues, with specific concern for their impact on Southern state policies. Analyses included: hazardous waste facility setting policies and environmental impacts of "high tech" industries on host communities.

Research Assistant, University of Oregon, Eugene, Oregon *1983*

Analyzed (with Dr. John Baldwin, Chairman of the Department of Planning, Public Policy and Management, U. of Oregon) the "Oregon Riparian Tax Incentive Program". Designed survey, conducted interviews and analyzed data. Summary paper with programmatic recommendations, was presented at the Annual Conference of the National Association of Environmental Educators.

PRESENTATIONS

- "Environmental Risks in Lending" Training Session for Pawling Savings Bank employees, December 18 and 19, 1989; and July 1, 1993.
- "Identifying Environmental Concerns in Appraisals", Workshops for Lakewood Appraisal Corporation, October, and November, 1989 and April, 1990.
- "State and Local Groundwater Protection Strategies", Annual meeting of the New York State Association of Towns, February, 1990.
- "Environmental Audits on Orchards and Agricultural Properties", Resource Education Institute, Inc., Real Estate Site Assessment and Environmental Audits Conference, December 4, 1990.
- "Environmental Audits on Orchards and Agricultural Properties", National Water Well Association Annual Conference, July 29-31, 1991.
- "Principles of Environmental Economics for Ground Water Professionals", National Groundwater Association Outdoor Action Conference, May 27, 1993.
- “Impact of Environmental Liabilities on Real Estate Transactions”, a NYS Department of Education approved course for licensed real estate professionals, March 1995; April 1995; May 1995; October 1995.
- “Brownfields Redevelopment in New York: A Discussion of Two Case Studies”, New England Environmental Conference 1996, March, 1996.
- “Quantifying Environmental Liabilities”, a NYS Department of Education approved course for licensed real estate professionals, March 1997.
- “Environmental Assessments in Urban Settings”, Vassar College, Fall 1999 and Fall 2000.
- “Navigating Property Contaminant Problems”, Land Trust Alliance Rally 2001, Oct 2001

ARTICLES

Ciminello, P. 1993. A Primer on Petroleum Bulk Storage Tanks and Petroleum Contamination of Property, ASHI Technical Journal, Volume 3, No. 1

Ciminello, P. 1991. Environmental Audits on Orchard and Other Agricultural Properties, Proceedings of the National Water Well Association Annual Conference

Ciminello, P. 1991. Property Managers Should Carefully Examine Current Fuel Storage Practices, NYS Real Estate Journal, Vol. 3, No. 9

Ciminello, P. 1991. New DEC Regulations Affect Development of Agricultural Lands, NYS Real Estate Journal, Vol. 3, No. 6

Ciminello, P., Hodges-Copple, J. 1986. Managing Toxic Risks From High Tech Manufacturing, Growth and Environmental Management Series (Southern Growth Policies Board)

Ciminello, P. 1986. State Assistance in Financing Water Treatment Facilities, Growth and Environmental Management Series (Southern Growth Policies Board)

Ciminello, P. 1985. Plants Amid Plantings: The Future Role of Environmental Factors in Business Climate Ratings, Southern Growth ALERT (Southern Growth Policies Board)

Ciminello, P., J. Baldwin, N. Duhnkrack,1984, An Incentive Approach to Riparian Lands Conservation, Monographs in Environmental Education and Environmental Studies (North American Association of Environmental Educators)

PROFESSIONAL AFFILIATIONS

American Water Resources Association
National Groundwater Association
Hazardous Materials Control Research Institute
Environmental Assessment Association

ADDITIONAL INFORMATION

Member, Dutchess County (NY) Youth Board (1987-1992); Chairman, 1992
Member, City of Poughkeepsie (NY) School District Ad Hoc Committee on Teen Parents and Pregnancy Prevention (1991)
Member, City of Poughkeepsie School District Budget Advisory Committee (1994 to 2000)
Member, City of Poughkeepsie PTA and Middle School Building Level Team

Ecosystems Strategies, Inc.

Kimberly Punchar
Senior Project Manager and Senior Quality Control Manager
Kimberly@ecosystemsstrategies.com

EDUCATION

Marist College, Poughkeepsie, New York
Bachelor of Science in Environmental Science

CERTIFICATIONS AND TRAINING

- Permit Required Confined Space Training Competencies; Attendant, Entrant, Entry Supervisor [Title 29 CFR Part 1910.146(g)(1)]
- Completed EA Engineering, Science and Technology Project Managers Training
- Excellent interpersonal, customer, research & analysis and decision-making skills
- Completed Hydric Soils and Methodology for Delineating Wetlands continuing education courses and received Rutger's University Wetland Delineator Program Certification.
- Licensed New York State Wildlife Rehabilitator

PROFESSIONAL EXPERIENCE

Senior Project Manager and Senior Quality Control Manager,
Ecosystems Strategies, Inc., (ESI) Poughkeepsie, New York *Present*

Management and quality review of environmental site assessments and Phase II technical environmental investigations, and remedial projects including Brownfield sites. Conducts research to obtain field and regulatory information about the environmental status of a designated area. Reviews all documents prepared by ESI to ensure consistency and technical accuracy. Responsibilities associated with the preparation of site assessments include: investigating site histories, conducting facility inspections, reviewing regulatory agency records, documenting facility compliance with relevant State and Federal regulations, and preparing reports. Management of complex technical environmental investigations (including sites currently on the NYSDEC Registry of Inactive Hazardous Waste Sites), involved with: coordinating subcontractors; overseeing fieldwork; designing and implementing material, soil, and water sampling plans, preparing technical reports, and interfacing with regulatory agency personnel.

Director of Office & Environmental Services, Associate Environmental Scientist/Project Manager,
Spectra Environmental Group, Inc., Spectra Engineering, Architecture & Surveying, PC.
Poughkeepsie, New York *2003 – 2011*

- **Management** - Supervised a team of up to 15 Environmental, Engineering and Surveying professionals who managed projects with values that exceeded $1,000,000 or more (e.g. large subdivisions, industrial engineering – asphalt plant relocation design).
- **Petroleum/Chemical** - Extensive experience with Petroleum Bulk Storage Regulations (PBS – Title 6 NYCRR Parts 612-614), Spill Prevention Control and Countermeasure plan development (SPCC – Title 40 CFR Part 112), Chemical Bulk Storage Regulations (CBS – Title 6 NYCRR Parts 595-599), Spill Prevention Report (SPR) development and Emergency Response Plan development. Completed PBS and CBS storage tank inspections and conducted secondary containment (soil) permeability testing at an MOSF facility.

- **Stormwater/SPDES** - Developed and managed the preparation of Stormwater Pollution Prevention Plans (SWPPP) in accordance with Section 402 of the Clean Water Act for stormwater discharges from numerous industrial facilities. Prepared Annual Certification Reports and Discharge Monitoring Reports.
- **Phase I** - Prepared and managed numerous Phase I Environmental Site Assessments (ESAs) for various residential, commercial and industrial sites to assess the presence or absence of recognizable environmental conditions. Prepared reports that summarized the findings and which provided recommendations with related cost estimates for additional sampling/investigative work, as appropriate.
- **Phase II** - Managed numerous Phase II Environmental Site Investigations as a result of Phase I ESA findings, petroleum and chemical spills and leaking underground storage tanks. Performed soil and ground-water monitoring and landfill investigation oversight. Prepared reports based on field monitoring/sampling data; which provided recommendations for cleanup/remediation with related cost estimates, as appropriate.
- **Phase III** - Managed numerous Phase III Remediation projects involving the cleanup of petroleum contaminated soil and groundwater, including the cleanup of a mercury spill. Prepared reports that summarized cleanup/remedial activities and which provided recommendations for spill closure or additional long-term monitoring (with related cost estimates, as appropriate).
- **LTM/Spill Closure** - Developed Long-Term Monitoring Plans and Spill Closure Reports that describe a site's history, outline regulatory requirements, and define the monitoring/reporting program and/or spill cleanup activities completed for various commercial/industrial facilities**.**
- **Solid Waste** - Developed solid waste management facility operation and maintenance manuals which include a general operating plan, a staffing plan, a personnel training plan, a waste control plan, a contingency plan and a closure plan in accordance with Title 6 NYCRR Part 360.
- **Training/Presentations** - Developed training programs for SPCC/ SWPPP and conducted annual training classes for various industrial facilities.
- **SEQRA** - Prepared Environmental Assessment Forms (EAFs), developed Scoping Documents and Environmental Impact Statements (EIS) in accordance with the State Environmental Quality Review Act (SEQR).
- **Health & Safety** - Prepared work plans; sampling plans; quality assurance project plans; and safety and health, and emergency response plans for working at hazardous sites.
- **Mentoring** - Mentored junior staff with regard to conducting Phase I ESAs, Phase II investigation work, Phase III remediation/cleanup and environmental compliance auditing for PBS, CBS and Stormwater Pollution Prevention.

<u>Environmental Scientist/Project Manager</u>
Ea Engineering, Science And Technology, *1999 – 2003*
Newburgh, New York

- **Management** - Independently managed projects, provided support to secure multiple long-term contracts, and developed significant company proposals under an existing term contract. Developed Project Number Request Budgets, reviewed project pre-bill charges and prepared invoice spreadsheets for multiple projects awarded under a long-term environmental service term contract with a New York State Agency. Successfully managed company resources with respect to staff allocation, maximizing equipment usage recovery, demonstrating cost savings/innovations, meeting project milestones with respect to scheduling field events, personnel and deliverables, and performing subcontractor procurement.
- **Mentoring** - Served as a supervisor for multiple people and mentored junior staff.
- **Petroleum/Chemical** - Extensive experience with PBS (Title 6 NYCRR Parts 612-614) and Chemical Bulk Storage (CBS – Title 6 NYCRR Part 595-599) management, SPR development (Title 6 NYCRR Part 598), and SPCC (Title 40 CFR Part 112) plan development and training.

- **Solid Waste** - Performed oversight for various landfill investigations and ground-water contamination investigations in accordance with 6 NYCRR Part 360.
- **Health & Safety** - Developed work plans and safety and health plans for various environmental investigations as required.
- **Phase I & II** - Conducted a Phase I ESA and a Phase II Environmental Site Investigation for a 62+ acre parcel in order to identify areas of environmental concern and to determine if further removal or cleanup actions were necessary. Developed and implemented a long-term monitoring / spill closure plan for a local state facility. Provided oversight for the operation and maintenance of a soil vapor extraction system.
- **Pollution Prevention** - Updated a Pollution Prevention Plan for a Naval Base.
- **Stormwater** - Developed SWPP plans in accordance with Section 402 of the Clean Water Act for stormwater discharges from construction activities that disturb one or more acres of land (Phase II).
- **ISO** - Assisted with Environmental Management System, ISO 14001, 900 1/2, and OHSAS 18001 research for a renowned pharmaceutical company.

Environmental Scientist
Lawler, Matusky And Skelly Engineers,
Wappingers Falls, New York *1994 – 1999*

- **Engineering Support** - Provided engineering support to comply with State, Federal, and Corporate regulations/requirements for industrial facilities.
- **Petroleum/Chemical** - Experienced with New York State PBS regulations Title 6 NYCRR Part 612 – 614. Experienced with New York State CBS regulations Title 6 NYCRR Part 595 – 599 and in the development of SPRs. Experienced in the interpretation and development of Federal SPCC Plans and Facility Response Plans (FRPs) in accordance with Title 40 CFR Part 112.
- **RCRA** - Assisted with Resource Conservation Recovery Act (RCRA) third party auditing.
- **SPDES** - Experienced with State Pollutant Discharge Elimination System (SPDES) sampling, preparation of discharge monitoring reports and flow meter calibration verification.

Ecosystems Strategies, Inc.

Richard Hooker
Project Manager

PROFESSIONAL EXPERIENCE

Project Manager, Ecosystems Strategies, Inc., Poughkeepsie, NY *2001 - present*

- Conducts Environmental Site Investigations and prepares final site assessment reports. Over 300 Investigations and Final Reports completed to date.
- Investigates site histories.
- Conducts facility inspections.
- Reviews regulatory agency records.
- Documents facility compliance with relevant State and Federal regulations.
- Conducts Phase II Technical Environmental Investigations and prepares technical reports.
- Researches field and regulatory information.
- Manages tank removals.
- Coordinates subcontractors.
- Oversees fieldwork and handles collection of material, soil and water samples.

EDUCATION

Ph.D. from the University of St. Andrews, St. Andrews, Scotland *1997*
BA from Staffordshire University, Stoke-on-Trent, England *1989*

SELECT PROJECTS

Former Fur Processing Facility, Bronx, NY

Documented the presence of chlorinated hydrocarbon, petroleum, and metals contamination beneath and/or near a former industrial structure. Coordinated the sampling and removal of multiple drums of hazardous and non-hazardous material from the structure and secured NYCDEP approval. Developed a Workplan for site remediation and directed environmental restoration activities, including: excavation and removal of both aboveground and underground storage tanks, removal of contaminated soils, installation of a barrier layer soil cap, and pre-demolition removal of asbestos materials.

Jamaica Hospital Medical Center, Queens, NY

Coordinated and supervised the removal of two, large underground storage tanks and documented site conditions through soil and groundwater sampling. Secured NYSDEC approval of PBS tank closure and registration requirements.

The Point CDC, Bronx, NY

ESI assisted with the open space for community access to the waterfront in revitalization of a former fur processing plant. Activities included subsurface investigation, hazardous waste characterization/disposal program. Worked with architects, engineers, and demolition contractors to demolish existing structure and assisted with site redesign as a multi-purpose community access point to the Bronx River.

PROFESSIONAL CERTIFICATIONS

- OSHA Hazardous Waste Site Operations
- OSHA Emergency Response Training
- 29 CRF 1910.120 (e) – 40 Hour Hazwoper

Melissia Pentz
Environmental Field Technician
Mellisia@ecosystemsstrategies.com

EDUCATION

SUNY College of Environmental Science and Forestry, Ranger School, Wanakena, New York 13695 AAS degree in Forest Technology

CERTIFICATIONS AND TRAINING

- Transportation Worker Identification Credential 2010
- DCSWCD-8-Hour Training in Soil Erosion and Sediment Control Workshop 2008
- American Red Cross First Aid Basics 2008
- DOT Flagger Training 2007
- 40-Hour OSHA Hazardous Waste Operations Safety Training 2006
- OSHA 8-Hour Annual HAZWOPER Refresher Training 2009
- Permit Confined Space Training 2007
- 10-Hour Construction Safety Training 2005

PROFESSIONAL EXPERIENCE

Environmental Field Technician
Ecosystems Strategies, Inc., (ESI) Poughkeepsie, New York *Present*

Conducts petroleum and chemical bulk storage program inspections, researchs to obtain field and regulatory information about the environmental status of designated areas, completes soil and groundwater sampling and assist with advancement of soil borings and well installations. Responsibilities associated with these investigative projects include: investigating site histories, document reviews, sampling, sample data evaluation, and obtaining regulatory closure. Works with all phases of land surveying services including boundary, topographic survey, and construction layouts. Additionally conducts storm water erosion and sediment control inspections.

Staff Scientist
SPECTRA Environmental Group, Inc., Poughkeepsie, New York *2006-2011*

Developed *Spill Prevention and Countermeasures Plans* (SPCC) as required by Federal regulation and Storm Water Pollution Prevention Plans (SWPPP) for various facilities throughout New York State. Performed *Petroleum Bulk Storage* (PBS) tank system assessments to determine compliance with PBS regulations for various facilities. Directed underground storage tank removal and closure in accordance with State guidelines. Performed *Chemical Bulk Storage* (CBS) tank system assessments, annual inspections and updated Spill Prevention Reports. Collected *soil & groundwater samples* for various types of industrial & commercial facilities. Duties included; collecting depth to ground water measurements, monitoring well purging & collection of soil & groundwater samples. The utilization of sampling equipment including PID, portable pump, bailers &

Isco sampler. Prepared annual *discharge monitoring reports* as required by SPDES for multiple facilities. Duties also included the collection of groundwater and stormwater samples as required by the permit PerfOlmed *Phase I Environmental Site Assessments* activities in accordance with The American Society of Testing and Materials Standard (ASTM) guidelines at a variety of commercial, municipal and industrial properties while utilizing standard industry practices to assess the presence or absence of recognizable environmental conditions. Prepared Phase I Investigation summary reports to document the Phase I Investigation findings. Performed Phase II Environmental Site Investigations to investigate areas of potential environmental concern identified by Phase I investigations. Reviewed tower sitting application packages for consistency with the Generic Environmental Impact Statement and Final Environmental Impact Statement for the New York State Statewide

Wireless Network. Developed Environmental Impact Statement (EIS) in accordance with SEQR for a residential subdivision.

- Conducted inspections of erosion and sediment controls for stormwater discharges from construction activity.
- Produced data using a variety of programs to include Microsoft Word, Excel, computer-aided design and drafting (CADD).
- Knowledgeable with researching and obtaining various types of data information from various agencies (e.g. town/health department NYSDEC records).
- Performed a variety of administrative & clerical functions.
- Assisted with the preparation of proposals.

Survey Technician
SPECTRA Engineering, Architecture & Surveying, P.C., Poughkeepsie,NY 2002-2011

- Performed the duties of Rod Person, Instrument Person and Crew Chief
- Experienced with all phases of land surveying services (office and field) including, but not limited to boundary and topographic surveys and construction layouts, horizontal and vertical control for aerial photogrammetry.
- Knowledgeable with a variety of survey equipment including Leica TCR803 Power Total Station, Carlson Mini Data Collector, Nikon, Sokia SDR33 data collector, Topcon GTS 3B, and Global Positioning System (GPS).
- Attained computer knowledge in AutoCad and LandDesktop
- Assisted with collecting data using the Ground Penetrating Radar (GPR). Survey of parking and lawn areas to identify utilities, historical artifacts and other features.
- Knowledgeable with researching and obtaining various types of data information from various agencies (e.g. deed research and filing maps).
-

Forestry Technician Firefighter
US Forest Service, George Washington and Jefferson National Forests, Deerfield and Glenwood/Pedlar Ranger Districts, Natural Bridge Station, VA 24579 2001

- Constructed and held fire line on wildland fires.
- Conducted mop-up, hose lay, griding and patrolled.
- Assisted with plot surveys in forests. Rehabilitated wildlife clearings and road brushing
- Familiar with the use of hand and power tools (i.e. drills, chainsaws-including sharpening, etc.).

Ecosystems Strategies, Inc.

Elizabeth M. Jerry
Project Manager
Elizabeth@ecosystemsstrategies.com

PROFESSIONAL EXPERIENCE

Project Manager, Ecosystems Strategies, Inc., Poughkeepsie, NY

Performs Phase I and Phase II Environmental Site Assessments, supervises the excavation of contaminated soils, prepares technical environmental reports, reviews regulatory agency records and historical maps and documents to identify potential environmental concerns on properties of interest.

Office Management, Griffin Dewatering *2009 –2010*

- Process weekly payroll, accounts payable and employee expenses.
- Purchasing materials and equipment, maintaining records management systems, and performing basic bookkeeping work.
- Provide administrative/secretarial support assisting visitors and resolving a range of administrative problems and handling customer inquiries.

Bioenvironmetnal Engineering Journeymen, USAF *2004 - 2008*

- Developed and maintained a hazardous waste stream inventory; including characterization of stream, sampling, interpretation of sampling results, and periodic inspections.
- Generated detailed documentation of all inspections, surveys, emergency response plans, and communications with onand offsite personnel.
- Conducted workplace chemical inventories.
- Asses workplace hazards to include; detect and identify chemical, biological, and radiological contaminants in the workplace
- Reviewed plans, work orders, contracts, and specifications for compliance with EPA and OSHA regulations.
- Published standard operating procedures for environmental matters.
- Trained DOD civilian employees and emergency response personnel and other exposed personnel on health hazards and recommended personnel protective equipment.

EDUCATION AND CREDENTIALS

BS Environmental Management (2010)
Eastern Connecticut State University
Willimantic, Connecticut

AS Bioenvironmetnal Engineering Technology (2007)
Community College of the Air Force

PROFESSIONAL CERTIFICATION

40 Hours OSHA HAZWOPER Training
First Aid / CPR training
XL, Citrix®, Oracle ® databases

APPENDIX E

Proposed Timeline/Schedule

Ecosystems Strategies, Inc.

PROJECT SCHEDULE

Former NuHart Plastic Manufacturing Site (Site No: 224136)

ESI File: SB09110

Tasks	November 2011		December 2011		January 2012		February 2012		March 2012		April 2012		May 2012	
	11/1/11-11/11/11	11/14/11-11/30/11	12/1/11-12/16/11	12/19/11-12/30/11	1/2/12-1/13/12	1/16/12-1/31/12	2/1/12-2/10/12	2/13/12-2/29/12	3/1/12-3/16/11	3/19/12-3/30/12	4/2/12-4/13/11	4/16/12-4/30/12	5/1/12-5/15/11	5/16/12-5/31/12
RIWP Approval/Comments														
Field Preparation/Notifications/Utility Markouts														
Soil borings, sampling, recovery well installation & monitoring well development														
Groundwater sampling and laboratory analyses														
Data Validation														
Waste disposal														
RIR														

APPENDIX F

Phase II Site Assessment, March 2007
Prepared by ASR

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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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.
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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

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.

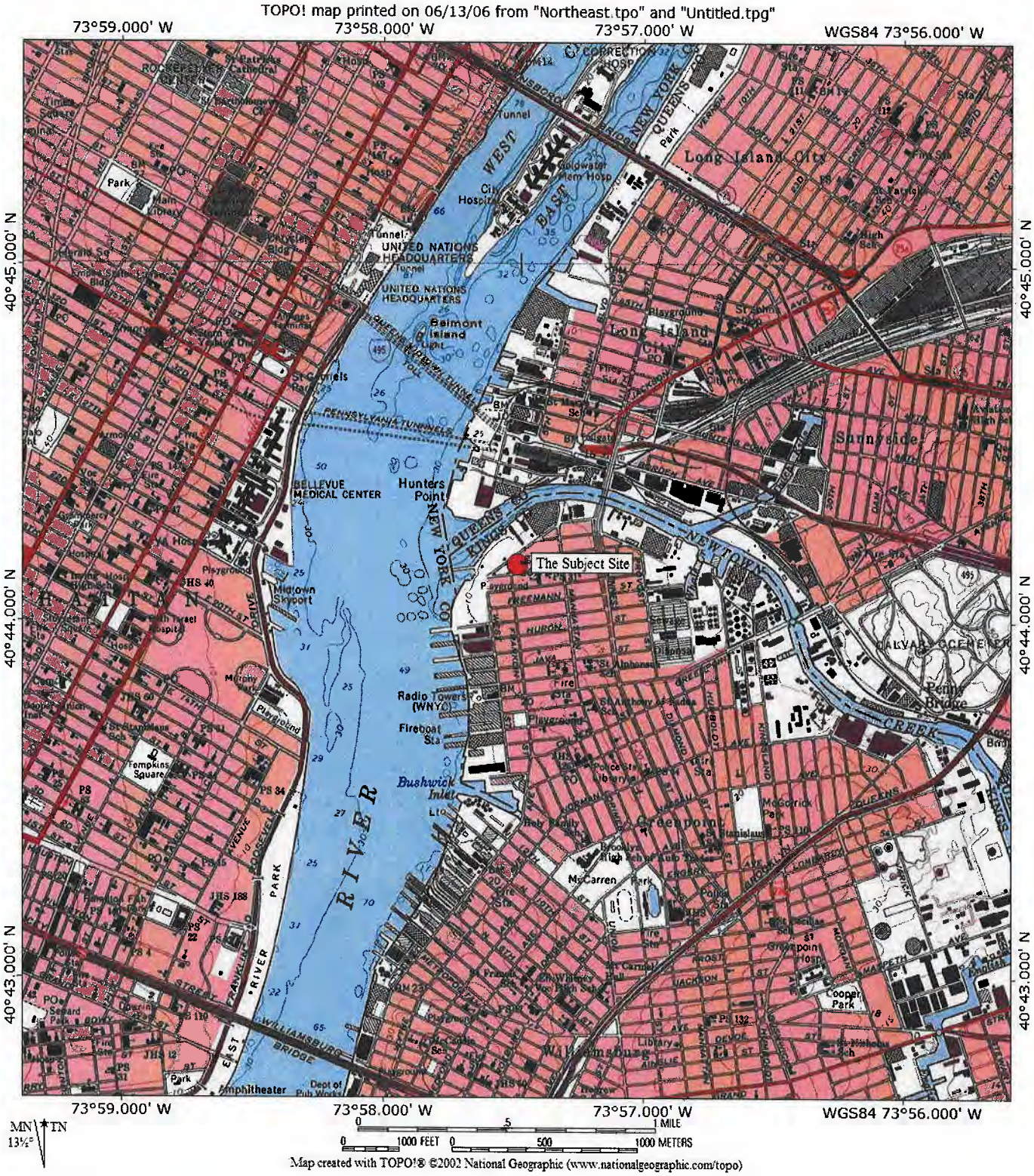
TABLE - 2
Groundwater Sampling Results Data

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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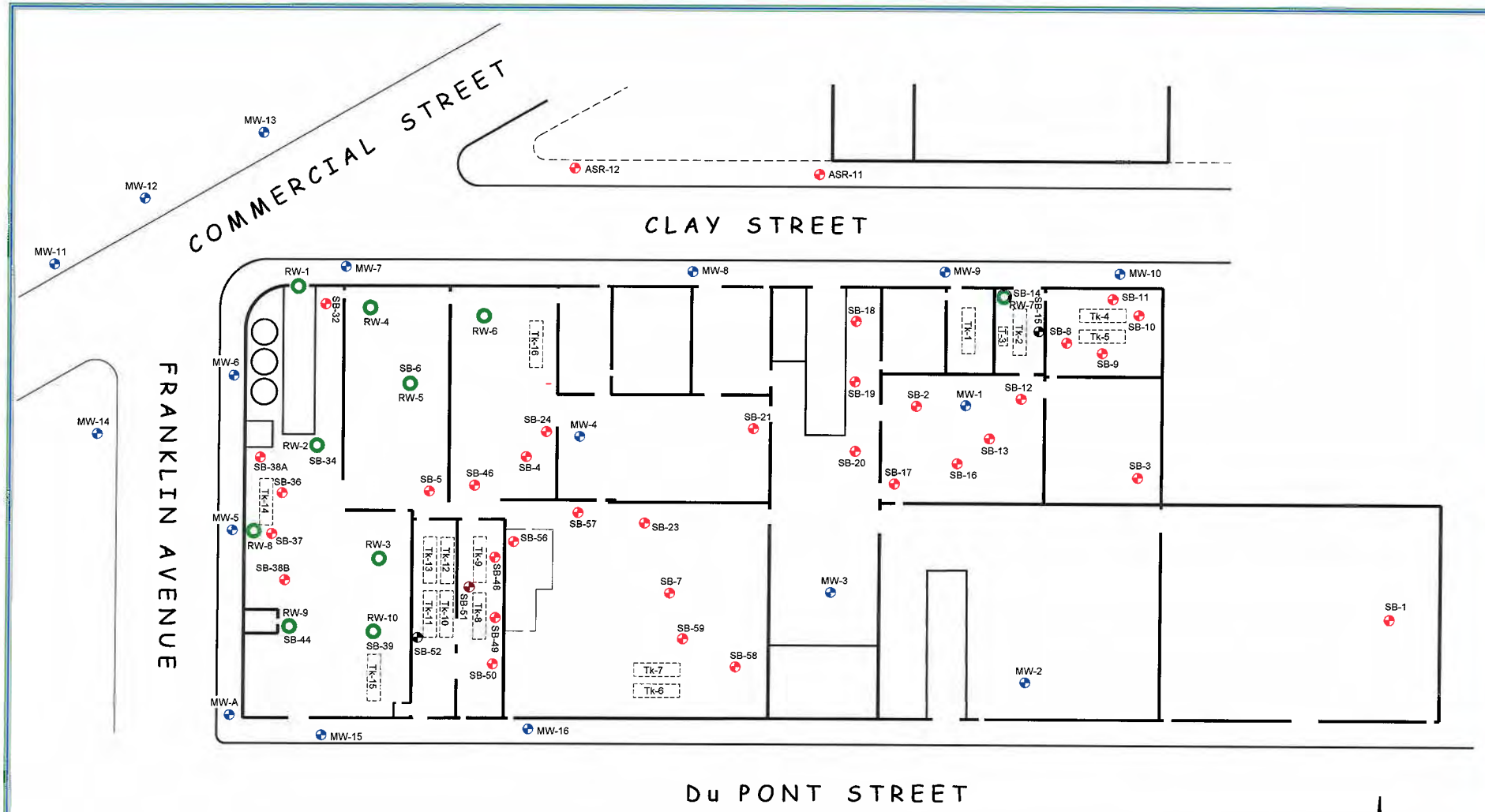
Tel: 212-809-1110 Fax: 212-809-1779 info@askasr com

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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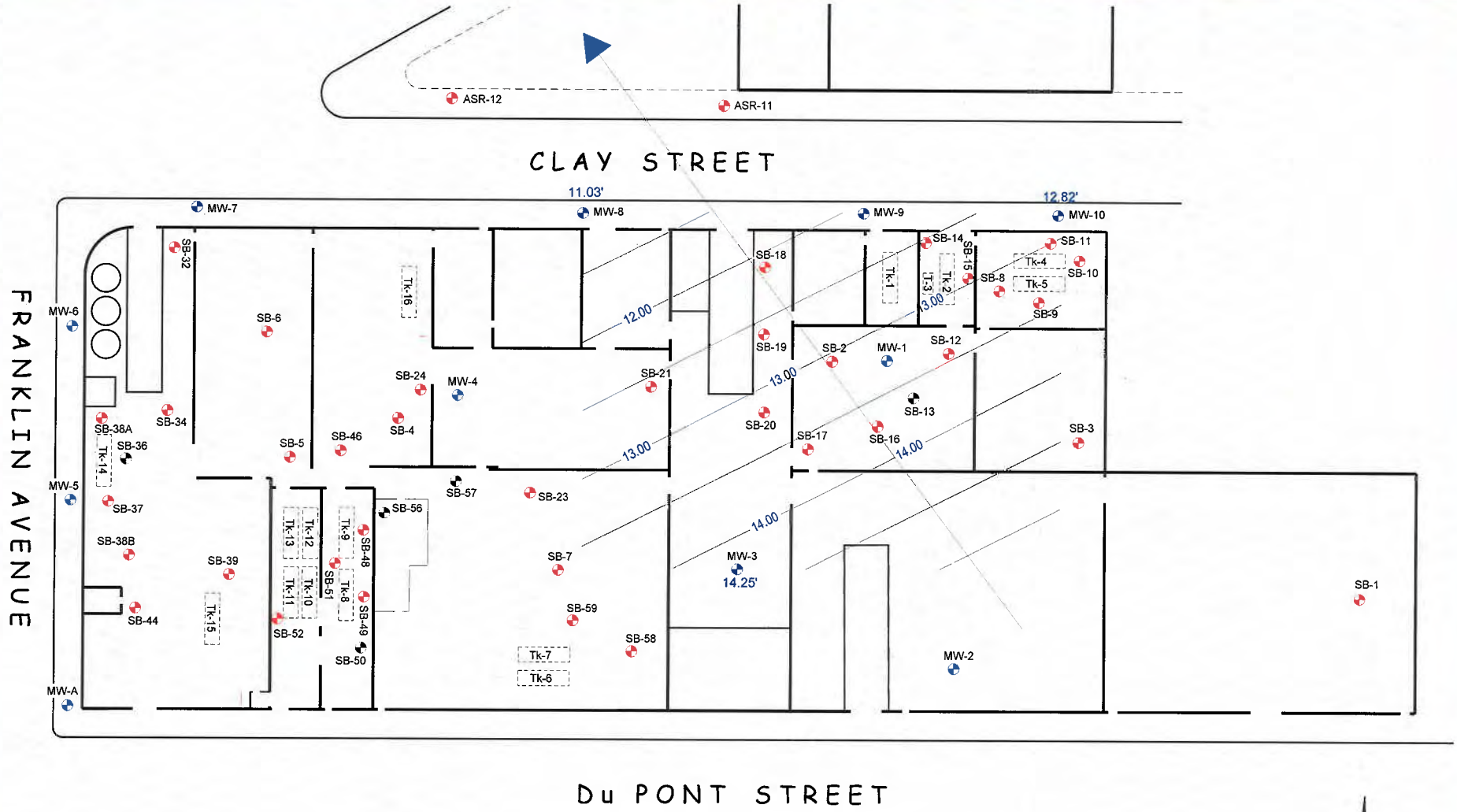
Borehole & Well Location Map
December 2006

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

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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

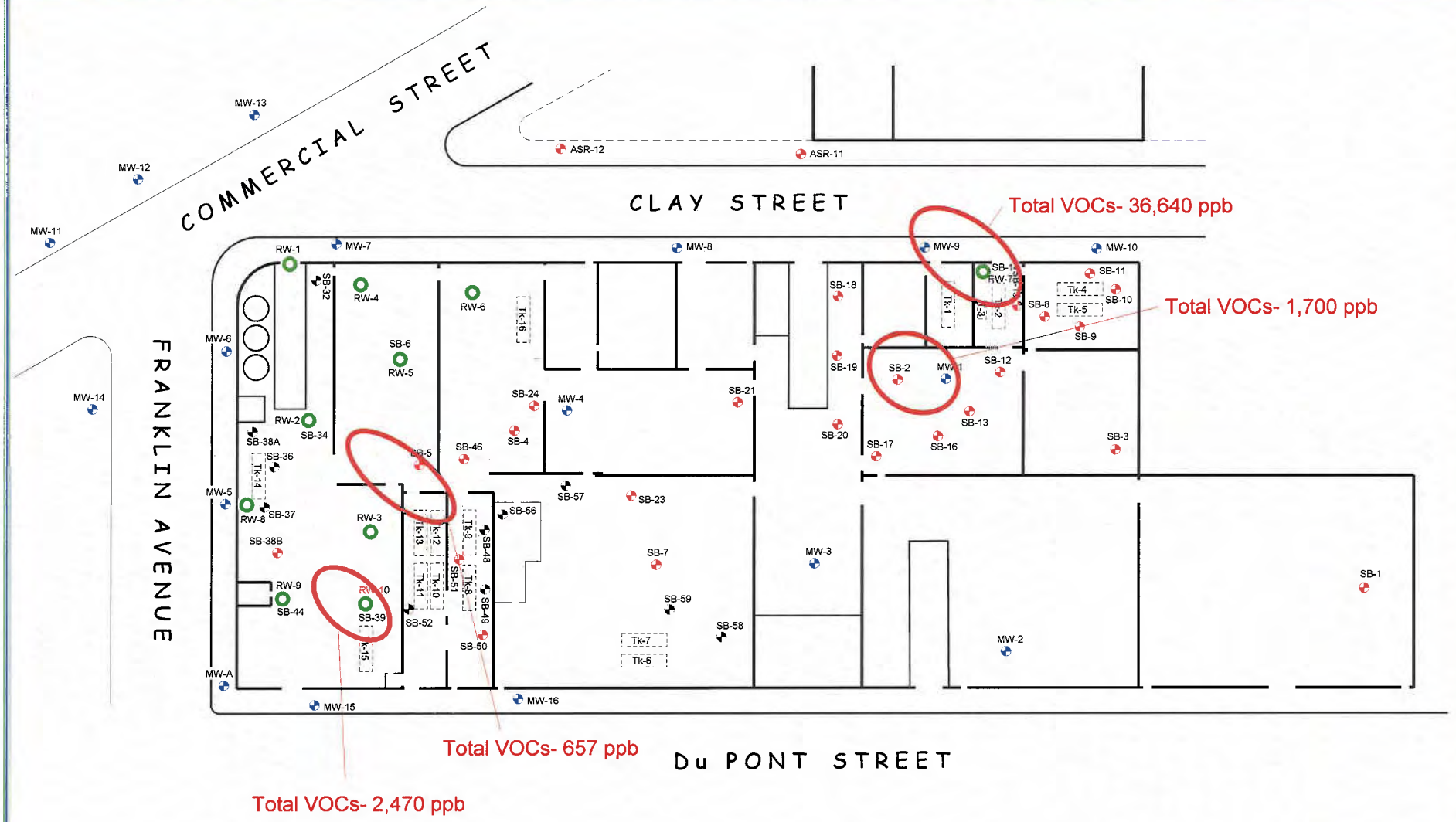
49 - 55 Dupont Street
Brooklyn, New York
April 2007

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
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CAUTION


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CAUTION
CAUTION
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631-586-1000

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										

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			
-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-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**	

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										

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-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										

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-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										

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	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										

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-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

06050130

Company Name	Report To:	Invoice To:	Project ID/No.	
Advanced Site Restoration 62 William St NY NY 10005	Steve M	ASR	49 Dupont	[signature] Samples Collected By (Signature) Anthony Ascaso 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	[signature] Sample Relinquished by	5/3/06 Date/Time	[signature] Sample Received by	5/3/06 1009 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	5/3/06 PU.K 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

Q0606758

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	Sample Received by	Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	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: For Robert Q. Bradley
Managing Director

Date: 6/21/2006

YORK

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

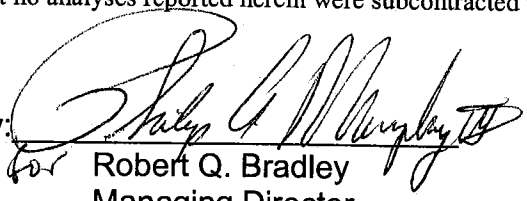
Client Sample ID			SB-58		SB-59	
York Sample ID			06060587-05		06060587-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
2-Nitroaniline			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	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:  **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

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

0606100636

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature)
A S R 62 WILLIAMS ST N.Y N.Y 10005	STEVE MULLER	A S R	49 DUPONT ST BKLYN N.Y	E. VAZQUEZ Name (Printed)

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
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time

Sample Received in LAB by — Date/Time: 6/9/06 11:30A

Sample Received by — Date/Time: 6/9/06 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

Field Chain-of-Custody Record

06070643

Page ___ of ___

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By
ASR 62 William ST NY NY 10005	ASR Steve Muller	ASR	49 Dupont St. Bklyn NY	Anthony Rosso (Name (Printed)) [signature] (Signature)

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	Sample Relinquished by	Date/Time	Sample Received by	Date/Time
		[signature]	7/21/06 12:00 AM	[signature]	7/21/06

Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time
				[signature]	7/24 4:00

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

06070644

Page ___ of ___

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature) / Name (Printed)
ASR 62 William St NY, NY. 10005	Steve Muller	ASR	49 Dupont St Bklyn NY	Anthony Adesso [signature]

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'							

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	Date/Time	Sample Received	Date/Time
		[signature]	7/21/06	[signature] 7/21/06	

Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time
				[signature]	7/24 4:00

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

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 in LAB by	Date/Time	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

0001045 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)
Advanced Site Restoration, LLC 62 William St. NY, NY 10005	S. Muller	ASR	Dupont, Brooklyn	[signature]
				Name (Printed): Steven Muller

Sample No.	Location/ID	Date Sampled	Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
			Sample Matrix					
	MW-11 @ 8'-10'	9/13/06		X			EPA 8260 STARS EPA 8270 BN	1-4oz 1-8oz
	MW-12 @ 8'-10'	9/13/06		X			EPA 8260 STARS EPA 8270 BN	1-4oz 1-8oz
	MW-13 @ 8'-10'	9/13/06		X			EPA 8260 STARS EPA 8270 BN	1-4oz 1-8oz
	MW-14 @ 8'-10'	9/13/06		X			EPA 8260 STARS EPA 8270 BN	1-4oz 1-8oz

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by: [signature]	Date/Time: 9/14/06	Sample Received by: [signature]	Date/Time: 9/14/06
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by: [signature]	Date/Time: 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

12/07/06

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature) / Name (Printed)
Advanced Site Restoration	Steve M	ASR	45 Dupont St Bklyn	Anthony Jesso

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 1 4oz
	MW-16 8'-10'	12-7-06		X			" "	1 8oz 1 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	12-11-06 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time
		Sample Received by	12/13/06 1230 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: 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

06010673 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 STARS	1 8oz 1 4oz
10-15'	ASR-11	7/24/06		X			8270 BN / 8260 STARS	1 8oz 1 4oz
	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	Sample Relinquished by	Date/Time	Sample Received by	Date/Time
		[signature]	7/25	[signature] 7/25/06	7/25 4:30

Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time
				Samantha C	7/25 4:30

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 Asesso

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
S-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	Sample Received by	7/25/06
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	7/26 1150 Date/Time

Comments/Special Instructions

4 days

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: 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

Field Chain-of-Custody Record

0600 10674 Page 1 of 2

Company Name	Report To:	Invoice To:	Project ID/No.	
ASR & Williams St mw monitors	Steve M-	ASR	49 Dupont ST Bklyn	Samples Collected By (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: Anthony Adesso	Date/Time: 7/25
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time
		Sample Received by	Date/Time
		Sample Received in LAB by	Date/Time: 7/25 4:30

Comments/Special Instructions

4.2°C

Turn-Around Time

___Standard ___RUSH(define)_____

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ANALYTICAL LABORATORIES, INC.

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(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 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

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ANALYTICAL LABORATORIES, INC.

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(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

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 10008	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 STARS	1 8oz 1 4oz
10-15'	ASR-11	7/24/06		X			8270 BN / 8260 STARS	1 8oz 1 4oz
	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	Sample Relinquished by	Date/Time	Sample Received by	Date/Time
		[signature]	7/25	[signature] 72586	
Bottles Received in Field by	**Date/Time**	**Sample Relinquished by**	**Date/Time**	**Sample Received in LAB by**	**Date/Time**
				Samantha C	7/25 4:30

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 4:30 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.: 00129324B **Manifest Doc. No.:** 00129324B

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 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 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. H129	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

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 #: A075206DWT/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:

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

GENERATOR'S INITIAL COPY

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

110 Schoolground Rd. Branford, CT 06405 Phone: (203) 483-5964 Fax: (203) 483-5984	390 Pigeon Point Road New Castle, DE 19720 Phone: (302) 658-2005 Fax: (302) 658-6229	175 Barlow Muni. Airport Bartow, FL 33830 Phone: (863) 533-6599 Fax: (863) 533-1613	5530 Dunham Road Maple Heights, OH 44137 Phone: (330) 805-3473 Fax: (330) 805-3502	108 Monahan Avenue Dunmore, PA 18512 Phone: (570) 342-7231 Fax: (570) 342-7367	40 Boulevard St. Sumter, SC 29150 Phone: (803) 773-2611 Fax: (803) 775-2982

SHIPPER NAME/ADDRESS: Nu-Hart + Company, 49-55 Dupont Ave, Brooklyn, NY 11222
PHONE (AREA CODE): 631-586-1444
NYD001146835Y
TRACTOR: 775
TRAILER: 410
APPOINTMENT TIME: open
FCI REP. LOADING (PRINT): Don Houston
PROCEDURE: liveload
EQUIP. SPOTTED:
EQUIP. REMOVED:
TIME AT SHIPPER (MILITARY TIME ONLY): ARRIVAL TIME 13:30 DEPARTURE TIME 15:45
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	00129328 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: REP FOR OWNER E. VAZQUEZ
SHIPPER'S SIGNATURE: REP FOR OWNER X Efrain Vazquez
I HAVE READ THE ABOVE AND UNDERSTAND AND AGREE TO ALL OF ITS CONTENT
DATE LOADED: Feb / 14 / 2007 (MO. DAY YR.)

CONSIGNEE NAME/ADDRESS: EQ Detroit Inc. Detroit, MI 48211
PHONE (AREA CODE): 313-123-0080
MID981991568
TRACTOR: 775
TRAILER: 410
APPOINTMENT TIME: :
FCI REP. UNLOADING (PRINT):
PROCEDURE: offload
EQUIP. SPOTTED:
EQUIP. REMOVED:
TIME AT CONSIGNEE (MILITARY TIME ONLY): ARRIVAL TIME : DEPARTURE TIME :
COMMENTS OR DELAYS AT CONSIGNEE:
EQUIPMENT USED: VAN

PLEASE PRINT NAME/TITLE:
CONSIGNEE SIGNATURE: X
DATE UNLOADED: / / (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 840843	WV UPW-0190713-OH
IL UPW-0190713-OH	MN UPW-0190713-OH	NJ S-2265 15939	PA PA-AH-0087	
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

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: Harte
York Project No.: 06050129

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: Harte
York Project No.: 06050129

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 "Harte ".

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		SB-2	
York Sample ID			06050129-01		06050129-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8081 List	SW846-3550B/8081	ug/Kg	---	---	---	---
4,4'-DDD			Not detected	16.0	Not detected	16.0
4,4'-DDE			Not detected	16.0	Not detected	16.0
4,4'-DDT			Not detected	16.0	Not detected	16.0
Aldrin			Not detected	8.00	Not detected	8.00
alpha-BHC			Not detected	8.00	Not detected	8.00
beta-BHC			Not detected	8.00	Not detected	8.00
Chlordane			Not detected	20.0	Not detected	20.0
delta-BHC			Not detected	8.00	Not detected	8.00
Dieldrin			Not detected	3.30	Not detected	3.30
Endosulfan I			Not detected	8.00	Not detected	8.00
Endosulfan II			Not detected	16.0	Not detected	16.0
Endosulfan sulfate			Not detected	16.0	Not detected	16.0
Endrin			Not detected	16.0	Not detected	16.0
Endrin aldehyde			Not detected	16.0	Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00	Not detected	8.00
Heptachlor			Not detected	8.00	Not detected	8.00

YORK

Client Sample ID			SB-1		SB-2	
York Sample ID			06050129-01		06050129-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Heptachlor epoxide			Not detected	8.00	Not detected	8.00
Methoxychlor			Not detected	80.0	Not detected	80.0
Toxaphene			Not detected	200	Not detected	200
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethylene			Not detected	10	Not detected	10
1,1-Dichloropropylene			Not detected	10	Not detected	10
1,2,3-Trichlorobenzene			Not detected	10	Not detected	10
1,2,3-Trichloropropane			Not detected	10	Not detected	10
1,2,3-Trimethylbenzene			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,3-Dichloropropane			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
1-Chlorohexane			Not detected	10	Not detected	10
2,2-Dichloropropane			Not detected	10	Not detected	10
2-Chlorotoluene			Not detected	10	Not detected	10
4-Chlorotoluene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromobenzene			Not detected	10	Not detected	10
Bromochloromethane			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropylene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dibromomethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Hexachlorobutadiene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
MTBE			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10

YORK

Client Sample ID			SB-1		SB-2	
York Sample ID			06050129-01		06050129-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
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
Styrene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Tetrachloroethylene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropylene			Not detected	10	Not detected	10
Trichloroethylene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
BNA-8270 List	SW846-8270C	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
2,4,5-Trichlorophenol			Not detected	165	Not detected	165
2,4,6-Trichlorophenol			Not detected	165	Not detected	165
2,4-Dichlorophenol			Not detected	165	Not detected	165
2,4-Dimethylphenol			Not detected	165	Not detected	165
2,4-Dinitrophenol			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-Chlorophenol			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Methylphenol			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
2-Nitrophenol			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Methylphenol			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4,6-Dinitro-2-methylphenol			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloro-3-methyl phenol			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-Methylphenol			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
4-Nitrophenol			Not detected	165	Not detected	165
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Aniline			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzidine			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

YORK

Client Sample ID			SB-1		SB-2	
York Sample ID			06050129-01		06050129-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Benzo(g,h,i)perylene			Not detected	165	Not detected	165
Benzo(k)fluoranthene			Not detected	165	Not detected	165
Benzyl alcohol			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
Chrysene			Not detected	165	Not detected	165
Dibenz(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
Pentachlorophenol			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Phenol			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165
Pyridine			Not detected	165	Not detected	165
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			Not detected	0.017	Not detected	0.017
PCB 1260			Not detected	0.017	Not detected	0.017
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			8800	1.00	1110	1.00
Antimony			4.69	1.00	2.75	1.00
Arsenic			5.09	1.00	4.30	1.00
Barium			30.3	1.00	26.2	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	Not detected	0.500
Calcium			1030	2.00	89.3	2.00
Chromium			13.9	0.500	4.03	0.500
Cobalt			7.73	1.00	1.41	1.00
Copper			21.5	1.00	7.23	1.00

YORK

Client Sample ID			SB-1		SB-2	
York Sample ID			06050129-01		06050129-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Iron			17700	1.00	11900	1.00
Lead			15.8	1.00	56.9	1.00
Magnesium			3010	2.00	236	2.00
Manganese			425	1.00	17.4	1.00
Nickel			16.5	1.00	2.90	1.00
Potassium			774	3.00	893	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			399	5.00	410	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			19.1	2.00	9.65	2.00
Zinc			74.8	2.00	20.3	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10	Not detected	0.10

Client Sample ID			SB-3		SB-4	
York Sample ID			06050129-03		06050129-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8081 List	SW846-3550B/8081	ug/Kg	---	---	---	---
4,4'-DDD			Not detected	16.0	Not detected	16.0
4,4'-DDE			Not detected	16.0	Not detected	16.0
4,4'-DDT			Not detected	16.0	Not detected	16.0
Aldrin			Not detected	8.00	Not detected	8.00
alpha-BHC			Not detected	8.00	Not detected	8.00
beta-BHC			Not detected	8.00	Not detected	8.00
Chlordane			Not detected	20.0	Not detected	20.0
delta-BHC			Not detected	8.00	Not detected	8.00
Dieldrin			Not detected	3.30	Not detected	3.30
Endosulfan I			Not detected	8.00	Not detected	8.00
Endosulfan II			Not detected	16.0	Not detected	16.0
Endosulfan sulfate			Not detected	16.0	Not detected	16.0
Endrin			Not detected	16.0	Not detected	16.0
Endrin aldehyde			Not detected	16.0	Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00	Not detected	8.00
Heptachlor			Not detected	8.00	Not detected	8.00
Heptachlor epoxide			Not detected	8.00	Not detected	8.00
Methoxychlor			Not detected	80.0	Not detected	80.0
Toxaphene			Not detected	200	Not detected	200
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethylene			Not detected	10	Not detected	10
1,1-Dichloropropylene			Not detected	10	Not detected	10
1,2,3-Trichlorobenzene			Not detected	10	Not detected	10
1,2,3-Trichloropropane			Not detected	10	Not detected	10
1,2,3-Trimethylbenzene			Not detected	10	Not detected	10

YORK

Client Sample ID			SB-3		SB-4	
York Sample ID			06050129-03		06050129-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,3-Dichloropropane			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
1-Chlorohexane			Not detected	10	Not detected	10
2,2-Dichloropropane			Not detected	10	Not detected	10
2-Chlorotoluene			Not detected	10	Not detected	10
4-Chlorotoluene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromobenzene			Not detected	10	Not detected	10
Bromochloromethane			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	25	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropylene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dibromomethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Hexachlorobutadiene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
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
Styrene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Tetrachloroethylene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropylene			Not detected	10	Not detected	10
Trichloroethylene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10

YORK

Client Sample ID			SB-3		SB-4	
York Sample ID			06050129-03		06050129-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
BNA-8270 List	SW846-8270C	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
2,4,5-Trichlorophenol			Not detected	165	Not detected	1700
2,4,6-Trichlorophenol			Not detected	165	Not detected	1700
2,4-Dichlorophenol			Not detected	165	Not detected	1700
2,4-Dimethylphenol			Not detected	165	Not detected	1700
2,4-Dinitrophenol			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-Chlorophenol			Not detected	165	Not detected	1700
2-Methylnaphthalene			Not detected	165	Not detected	1700
2-Methylphenol			Not detected	165	Not detected	1700
2-Nitroaniline			Not detected	165	Not detected	1700
2-Nitrophenol			Not detected	165	Not detected	1700
3,3'-Dichlorobenzidine			Not detected	165	Not detected	1700
3-Methylphenol			Not detected	165	Not detected	1700
3-Nitroaniline			Not detected	165	Not detected	1700
4,6-Dinitro-2-methylphenol			Not detected	165	Not detected	1700
4-Bromophenyl phenyl ether			Not detected	165	Not detected	1700
4-Chloro-3-methyl phenol			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-Methylphenol			Not detected	165	Not detected	1700
4-Nitroaniline			Not detected	165	Not detected	1700
4-Nitrophenol			Not detected	165	Not detected	1700
Acenaphthene			Not detected	165	Not detected	1700
Acenaphthylene			Not detected	165	Not detected	1700
Aniline			Not detected	165	Not detected	1700
Anthracene			Not detected	165	1800	1700
Benzidine			Not detected	165	Not detected	1700
Benzo(a)anthracene			Not detected	165	3900	1700
Benzo(a)pyrene			Not detected	165	2700	1700
Benzo(b)fluoranthene			Not detected	165	2400	1700
Benzo(g,h,i)perylene			Not detected	165	Not detected	1700
Benzo(k)fluoranthene			Not detected	165	2900	1700
Benzyl alcohol			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	Not detected	1700
Butyl benzyl phthalate			Not detected	165	Not detected	1700
Chrysene			Not detected	165	4000	1700
Dibenz(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

YORK

Client Sample ID			SB-3		SB-4	
York Sample ID			06050129-03		06050129-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Di-n-octylphthalate			Not detected	165	Not detected	1700
Fluoranthene			Not detected	165	11000	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	2000	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
Pentachlorophenol			Not detected	165	Not detected	1700
Phenanthrene			Not detected	165	13000	1700
Phenol			Not detected	165	Not detected	1700
Pyrene			Not detected	165	9000	1700
Pyridine			Not detected	165	Not detected	1700
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			Not detected	0.017	Not detected	0.017
PCB 1260			0.05	0.017	Not detected	0.017
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			8130	1.00	6210	1.00
Antimony			5.05	1.00	13.2	1.00
Arsenic			4.48	1.00	18.5	1.00
Barium			52.6	1.00	204	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	0.96	0.500
Calcium			543	2.00	2680	2.00
Chromium			14.3	0.500	22.9	0.500
Cobalt			10.0	1.00	10.7	1.00
Copper			24.5	1.00	130	1.00
Iron			14500	1.00	47400	1.00
Lead			13.8	1.00	613	1.00
Magnesium			3120	2.00	2280	2.00
Manganese			236	1.00	428	1.00
Nickel			17.7	1.00	19.2	1.00
Potassium			1730	3.00	1080	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			345	5.00	619	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			24.8	2.00	42.6	2.00
Zinc			67.0	2.00	254	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10	10.1	2.0

YORK

Client Sample ID			SB-5		SB-6	
York Sample ID			06050129-05		06050129-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8081 List	SW846-3550B/8081	ug/Kg	---	---	---	---
4,4'-DDD			Not detected	16.0	Not detected	16.0
4,4'-DDE			Not detected	16.0	Not detected	16.0
4,4'-DDT			Not detected	16.0	Not detected	16.0
Aldrin			Not detected	8.00	Not detected	8.00
alpha-BHC			Not detected	8.00	Not detected	8.00
beta-BHC			Not detected	8.00	Not detected	8.00
Chlordane			Not detected	20.0	Not detected	20.0
delta-BHC			Not detected	8.00	Not detected	8.00
Dieldrin			Not detected	3.30	Not detected	3.30
Endosulfan I			Not detected	8.00	Not detected	8.00
Endosulfan II			Not detected	16.0	Not detected	16.0
Endosulfan sulfate			Not detected	16.0	Not detected	16.0
Endrin			Not detected	16.0	Not detected	16.0
Endrin aldehyde			Not detected	16.0	Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00	Not detected	8.00
Heptachlor			Not detected	8.00	Not detected	8.00
Heptachlor epoxide			Not detected	8.00	Not detected	8.00
Methoxychlor			Not detected	80.0	Not detected	80.0
Toxaphene			Not detected	200	Not detected	200
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			28(cis-)	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			SB-5		SB-6	
York Sample ID			06050129-05		06050129-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	38	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
MTBE			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			17	5.0	190	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
BNA-8270 List	SW846-8270C	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	830	Not detected	330
1,2-Dichlorobenzene			Not detected	830	Not detected	330
1,3-Dichlorobenzene			Not detected	830	Not detected	330
1,4-Dichlorobenzene			Not detected	830	Not detected	330
2,4,5-Trichlorophenol			Not detected	830	Not detected	330
2,4,6-Trichlorophenol			Not detected	830	Not detected	330
2,4-Dichlorophenol			Not detected	830	Not detected	330
2,4-Dimethylphenol			Not detected	830	Not detected	330
2,4-Dinitrophenol			Not detected	830	Not detected	330
2,4-Dinitrotoluene			Not detected	830	Not detected	330
2,6-Dinitrotoluene			Not detected	830	Not detected	330
2-Chloronaphthalene			Not detected	830	Not detected	330
2-Chlorophenol			Not detected	830	Not detected	330
2-Methylnaphthalene			Not detected	830	Not detected	330
2-Methylphenol			Not detected	830	Not detected	330
2-Nitroaniline			Not detected	830	Not detected	330
2-Nitrophenol			Not detected	830	Not detected	330
3,3'-Dichlorobenzidine			Not detected	830	Not detected	330

YORK

Client Sample ID			SB-5		SB-6	
York Sample ID			06050129-05		06050129-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
3-Methylphenol			Not detected	830	Not detected	330
3-Nitroaniline			Not detected	830	Not detected	330
4,6-Dinitro-2-methylphenol			Not detected	830	Not detected	330
4-Bromophenyl phenyl ether			Not detected	830	Not detected	330
4-Chloro-3-methyl phenol			Not detected	830	Not detected	330
4-Chloroaniline			Not detected	830	Not detected	330
4-Chlorophenyl phenyl ether			Not detected	830	Not detected	330
4-Methylphenol			Not detected	830	Not detected	330
4-Nitroaniline			Not detected	830	Not detected	330
4-Nitrophenol			Not detected	830	Not detected	330
Acenaphthene			Not detected	830	Not detected	330
Acenaphthylene			Not detected	830	Not detected	330
Aniline			Not detected	830	Not detected	330
Anthracene			1700	830	550	330
Benzidine			Not detected	830	Not detected	330
Benzo(a)anthracene			3500	830	2000	330
Benzo(a)pyrene			2000	830	1300	330
Benzo(b)fluoranthene			2300	830	1400	330
Benzo(g,h,i)perylene			Not detected	830	390	330
Benzo(k)fluoranthene			1900	830	1100	330
Benzyl alcohol			Not detected	830	Not detected	330
Bis(2-chloroethoxy)methane			Not detected	830	Not detected	330
Bis(2-chloroethyl)ether			Not detected	830	Not detected	330
Bis(2-chloroisopropyl)ether			Not detected	830	Not detected	330
Bis(2-ethylhexyl)phthalate			Not detected	830	Not detected	330
Butyl benzyl phthalate			Not detected	830	Not detected	330
Chrysene			3300	830	1800	330
Dibenz(a,h)anthracene			Not detected	830	Not detected	330
Dibenzofuran			Not detected	830	Not detected	330
Diethylphthalate			Not detected	830	Not detected	330
Dimethylphthalate			Not detected	830	Not detected	330
Di-n-butylphthalate			Not detected	830	Not detected	330
Di-n-octylphthalate			Not detected	830	Not detected	330
Fluoranthene			8300	830	4600	330
Fluorene			Not detected	830	Not detected	330
Hexachlorobenzene			Not detected	830	Not detected	330
Hexachlorobutadiene			Not detected	830	Not detected	330
Hexachlorocyclopentadiene			Not detected	830	Not detected	330
Hexachloroethane			Not detected	830	Not detected	330
Indeno(1,2,3-cd)pyrene			Not detected	830	500	330
Isophorone			Not detected	830	Not detected	330
Naphthalene			Not detected	830	Not detected	330
Nitrobenzene			Not detected	830	Not detected	330
N-Nitrosodi-n-propylamine			Not detected	830	Not detected	330
N-Nitrosodiphenylamine			Not detected	830	Not detected	330
Pentachlorophenol			Not detected	830	Not detected	330
Phenanthrene			8400	830	2700	330
Phenol			Not detected	830	Not detected	330
Pyrene			7100	830	4000	330
Pyridine			Not detected	830	Not detected	330

YORK

Client Sample ID			SB-5		SB-6	
York Sample ID			06050129-05		06050129-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			Not detected	0.017	Not detected	0.017
PCB 1260			Not detected	0.017	Not detected	0.017
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			10500	1.00	7690	1.00
Antimony			10.6	1.00	14.7	1.00
Arsenic			20.0	1.00	36.4	1.00
Barium			1010	1.00	330	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			0.79	0.500	1.09	0.500
Calcium			2890	2.00	5390	2.00
Chromium			68.4	0.500	60.5	0.500
Cobalt			14.2	1.00	33.5	1.00
Copper			297	1.00	370	1.00
Iron			30400	1.00	37000	1.00
Lead			769	1.00	841	1.00
Magnesium			5100	2.00	2730	2.00
Manganese			490	1.00	426	1.00
Nickel			27.7	1.00	25.6	1.00
Potassium			2690	3.00	1090	3.00
Selenium			1.21	1.00	1.25	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			542	5.00	894	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			43.4	2.00	30.2	2.00
Zinc			331	2.00	743	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10	Not detected	0.10

Client Sample ID			SB-7	
York Sample ID			06050129-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Pesticides 8081 List	SW846-3550B/8081	ug/Kg	---	---
4,4'-DDD			Not detected	16.0
4,4'-DDE			Not detected	16.0
4,4'-DDT			Not detected	16.0
Aldrin			Not detected	8.00
alpha-BHC			Not detected	8.00
beta-BHC			Not detected	8.00
Chlordane			Not detected	20.0
delta-BHC			Not detected	8.00
Dieldrin			Not detected	3.30
Endosulfan I			Not detected	8.00
Endosulfan II			Not detected	16.0

YORK

Client Sample ID			SB-7	
York Sample ID			06050129-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Endosulfan sulfate			Not detected	16.0
Endrin			Not detected	16.0
Endrin aldehyde			Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00
Heptachlor			Not detected	8.00
Heptachlor epoxide			Not detected	8.00
Methoxychlor			Not detected	80.0
Toxaphene			Not detected	200
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
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

YORK

Client Sample ID			SB-7	
York Sample ID			06050129-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
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			17	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
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			370	330
Acenaphthylene			Not detected	330
Aniline			Not detected	330

YORK

Client Sample ID			SB-7	
York Sample ID			06050129-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Anthracene			620	330
Benzidine			Not detected	330
Benzo(a)anthracene			2800	330
Benzo(a)pyrene			1900	330
Benzo(b)fluoranthene			1800	330
Benzo(g,h,i)perylene			600	330
Benzo(k)fluoranthene			1400	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			4800	330
Butyl benzyl phthalate			Not detected	330
Chrysene			2600	330
Dibenz(a,h)anthracene			340	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			5500	330
Fluorene			Not detected	330
Hexachlorobenzene			Not detected	330
Hexachlorobutadiene			Not detected	330
Hexachlorocyclopentadiene			Not detected	330
Hexachloroethane			Not detected	330
Indeno(1,2,3-cd)pyrene			680	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			4000	330
Phenol			Not detected	330
Pyrene			5100	330
Pyridine			Not detected	330
PCB	SW846-3550B/8082	mg/Kg	---	---
PCB 1016			Not detected	0.017
PCB 1221			Not detected	0.017
PCB 1232			Not detected	0.017
PCB 1242			Not detected	0.017
PCB 1248			Not detected	0.017
PCB 1254			Not detected	0.017
PCB 1260			0.07	0.017
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---
Aluminum			6530	1.00
Antimony			10.1	1.00
Arsenic			6.55	1.00
Barium			117	1.00
Beryllium			Not detected	0.500

YORK

Client Sample ID			SB-7	
York Sample ID			06050129-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Cadmium			Not detected	0.500
Calcium			12300	2.00
Chromium			21.7	0.500
Cobalt			11.7	1.00
Copper			46.2	1.00
Iron			29300	1.00
Lead			232	1.00
Magnesium			6650	2.00
Manganese			628	1.00
Nickel			20.8	1.00
Potassium			1540	3.00
Selenium			Not detected	1.00
Silver			Not detected	1.00
Sodium			444	5.00
Thallium			Not detected	1.00
Vanadium			24.6	2.00
Zinc			150	2.00
Mercury	SW846-7471	mg/kG	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. 06050129

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
ANALYTICAL LABORATORIES, INC.

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

Page 1 of ___

Field Chain-of-Custody Record

Q005012 9

Company Name	Report To:	Invoice To:	Project ID/No.
Advanced Site Research 62 William St Wy My 10005	Steve M	ASR	Harte

Samples Collected By (Signature)

Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
SB-1	1-5'	5/2/06		X			Pesticides TAL Metals PCB's 8260/8270 Full	2 8oz
SB-2	1-5'			X				
SB-3	1-5'			X				
SB-4	1-5'			X				
SB-5	1-5'			X				
SB-6	1-5'			X				
SB-7	1-5'			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	1000 Date/Time		
Sample Received in LAB by 5/3	6PM 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: 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

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

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

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

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

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

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

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

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

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

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

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: _____ **Date:** 5/10/2006
Robert Q. Bradley
Managing Director

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 ___

06050130

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature) / Name (Printed)
Advanced Site Restoration 62 William St NY NY 10005	Steve M.	ASR	49 Dupont	[signature] / Anthony Accesso

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	Date/Time	Sample Received by	Date/Time
		[signature]	5/3/06	[signature] 5/3/06	10:00

Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time
				5/3/06 PU.K	

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: Chris Tomasello

Report Date: 6/13/2006
Re: Client Project ID: 49-55 Dupont St., Green Point, NY
York Project No.: 06060216

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: 6/13/2006
Client Project ID: 49-55 Dupont St., Green Point, NY
York Project No.: 06060216

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

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 06/06/06. The project was identifed as your project "49-55 Dupont St., Green Point, 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			55 Gallon Drums for Disposal	
York Sample ID			06060216-01	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list + MTBE	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
1,2-Dichlorobenzene			Not detected	10
1,2-Dichloroethane			Not detected	10

YORK

Client Sample ID			55 Gallon Drums for Disposal	
York Sample ID			06060216-01	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
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
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
Methyl tert-butyl ether (MTBE)			Not detected	10
Methylene chloride			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
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG	---	---
2-Methyl naphthalene			Not detected	61900
Acenaphthene			Not detected	61900
Acenaphthylene			Not detected	61900
Anthracene			Not detected	61900
Benzo[a]anthracene			Not detected	61900
Benzo[a]pyrene			Not detected	61900

YORK

Client Sample ID			55 Gallon Drums for Disposal	
York Sample ID			06060216-01	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Benzo[b]fluoranthene			Not detected	61900
Benzo[g,h,i]perylene			Not detected	61900
Benzo[k]fluoranthene			Not detected	61900
Chrysene			Not detected	61900
Dibenz[a,h]anthracene			Not detected	61900
Fluoranthene			Not detected	61900
Fluorene			Not detected	61900
Indeno[1,2,3-cd]pyrene			Not detected	61900
Naphthalene			Not detected	61900
Phenanthrene			Not detected	61900
Pyrene			Not detected	61900
PCB	SW846-3550B/8082	mg/Kg	---	---
PCB 1016			Not detected	0.170
PCB 1221			Not detected	0.170
PCB 1232			Not detected	0.170
PCB 1242			Not detected	0.170
PCB 1248			Not detected	0.170
PCB 1254			Not detected	0.170
PCB 1260			Not detected	0.170
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---
TCLP Arsenic			Not detected	0.010
TCLP Barium			0.814	0.010
TCLP Cadmium			0.106	0.005
TCLP Chromium			Not detected	0.005
TCLP Lead			0.394	0.005
TCLP Selenium			Not detected	0.010
TCLP Silver			Not detected	0.005
TCLP Mercury	SW846-1311/7470	mg/L	0.0028	0.0002
Reactivity-Cyanide	SW846 Ch. 7.3.3	mg/kg	Not detected	0.25
Reactivity-Sulfide	SW846 Ch. 7.3.4	mg/kg	31.1	15
Ignitability	SW846-1030P	---	Does not ignite	---
pH	EPA 150.1	units	8.11	---
Total Petroleum Hydrocarbons-DRO	SW846-8015B	mg/kg	7470	10.0
Total Petroleum Hydrocarbons-GRO	8015B	mg/kg	Not detected	10

Client Sample ID			Tank #3		Tank #5	
York Sample ID			06060216-02		06060216-03	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	2500
1,1,1-Trichloroethane			Not detected	5.0	Not detected	2500
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	2500
1,1,2-Trichloroethane			Not detected	5.0	Not detected	2500
1,1-Dichloroethane			Not detected	5.0	Not detected	2500
1,1-Dichloroethylene			Not detected	5.0	Not detected	2500
1,1-Dichloropropylene			Not detected	5.0	Not detected	2500
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	2500
1,2,3-Trichloropropane			Not detected	5.0	Not detected	2500

YORK

Client Sample ID			Tank #3		Tank #5	
York Sample ID			06060216-02		06060216-03	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	2500
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	2500
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	2500
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	2500
1,2-Dibromoethane			Not detected	5.0	Not detected	2500
1,2-Dichlorobenzene			Not detected	5.0	Not detected	2500
1,2-Dichloroethane			Not detected	5.0	Not detected	2500
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	2500
1,2-Dichloropropane			Not detected	5.0	Not detected	2500
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	2500
1,3-Dichlorobenzene			Not detected	5.0	Not detected	2500
1,3-Dichloropropane			Not detected	5.0	Not detected	2500
1,4-Dichlorobenzene			Not detected	5.0	Not detected	2500
1-Chlorohexane			Not detected	5.0	Not detected	2500
2,2-Dichloropropane			Not detected	5.0	Not detected	2500
2-Chlorotoluene			Not detected	5.0	Not detected	2500
4-Chlorotoluene			Not detected	5.0	Not detected	2500
Benzene			22	5.0	Not detected	2500
Bromobenzene			Not detected	5.0	Not detected	2500
Bromochloromethane			Not detected	5.0	Not detected	2500
Bromodichloromethane			Not detected	5.0	Not detected	2500
Bromoform			Not detected	5.0	Not detected	2500
Bromomethane			Not detected	5.0	Not detected	2500
Carbon tetrachloride			Not detected	5.0	Not detected	2500
Chlorobenzene			Not detected	5.0	Not detected	2500
Chloroethane			Not detected	5.0	Not detected	2500
Chloroform			Not detected	5.0	Not detected	2500
Chloromethane			Not detected	5.0	Not detected	2500
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	2500
Dibromochloromethane			Not detected	5.0	Not detected	2500
Dibromomethane			Not detected	5.0	Not detected	2500
Dichlorodifluoromethane			Not detected	5.0	Not detected	2500
Ethylbenzene			Not detected	5.0	Not detected	2500
Hexachlorobutadiene			Not detected	5.0	Not detected	2500
Isopropylbenzene			Not detected	5.0	Not detected	2500
Methylene chloride			Not detected	5.0	Not detected	2500
MTBE			Not detected	5.0	Not detected	2500
Naphthalene			76	5.0	Not detected	2500
n-Butylbenzene			Not detected	5.0	Not detected	2500
n-Propylbenzene			Not detected	5.0	Not detected	2500
o-Xylene			Not detected	5.0	Not detected	2500
p- & m-Xylenes			Not detected	5.0	Not detected	2500
p-Isopropyltoluene			Not detected	5.0	Not detected	2500
sec-Butylbenzene			Not detected	5.0	Not detected	2500
Styrene			Not detected	5.0	Not detected	2500
tert-Butylbenzene			Not detected	5.0	Not detected	2500
Tetrachloroethylene			Not detected	5.0	Not detected	2500
Toluene			Not detected	5.0	65000	2500
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	2500
Trichloroethylene			Not detected	5.0	Not detected	2500
Trichlorofluoromethane			Not detected	5.0	Not detected	2500

YORK

Client Sample ID			Tank #3		Tank #5	
York Sample ID			06060216-02		06060216-03	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Vinyl chloride			Not detected	5.0	Not detected	2500
Base/Neutral Extractables water	SW846-8270	ug/L	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	55.5	Not detected	11.1
1,2-Dichlorobenzene			Not detected	55.5	Not detected	11.1
1,3-Dichlorobenzene			Not detected	55.5	Not detected	11.1
1,4-Dichlorobenzene			Not detected	55.5	Not detected	11.1
2,4-Dinitrotoluene			Not detected	55.5	Not detected	11.1
2,6-Dinitrotoluene			Not detected	55.5	Not detected	11.1
2-Chloronaphthalene			Not detected	55.5	Not detected	11.1
2-Methylnaphthalene			Not detected	55.5	Not detected	11.1
2-Nitroaniline			Not detected	55.5	Not detected	11.1
3,3'-Dichlorobenzidine			Not detected	55.5	Not detected	11.1
3-Nitroaniline			Not detected	55.5	Not detected	11.1
4-Bromophenyl phenyl ether			Not detected	55.5	Not detected	11.1
4-Chloroaniline			Not detected	55.5	Not detected	11.1
4-Chlorophenyl phenyl ether			Not detected	55.5	Not detected	11.1
4-Nitroaniline			Not detected	55.5	Not detected	11.1
Acenaphthene			Not detected	55.5	Not detected	11.1
Acenaphthylene			Not detected	55.5	Not detected	11.1
Anthracene			Not detected	55.5	Not detected	11.1
Benzo(a)anthracene			Not detected	55.5	Not detected	11.1
Benzo(a)pyrene			Not detected	55.5	Not detected	11.1
Benzo(b)fluoranthene			Not detected	55.5	Not detected	11.1
Benzo(g,h,i)perylene			Not detected	55.5	Not detected	11.1
Benzo(k)fluoranthene			Not detected	55.5	Not detected	11.1
Bis(2-chloroethoxy)methane			Not detected	55.5	Not detected	11.1
Bis(2-chloroethyl)ether			Not detected	55.5	Not detected	11.1
Bis(2-chloroisopropyl)ether			Not detected	55.5	Not detected	11.1
Bis(2-ethylhexyl)phthalate			Not detected	55.5	Not detected	11.1
Butyl benzyl phthalate			Not detected	55.5	Not detected	11.1
Carbazole			Not detected	55.5	Not detected	11.1
Chrysene			Not detected	55.5	Not detected	11.1
Dibenzo(a,h)anthracene			Not detected	55.5	Not detected	11.1
Dibenzofuran			Not detected	55.5	Not detected	11.1
Diethylphthalate			Not detected	55.5	Not detected	11.1
Dimethylphthalate			Not detected	55.5	Not detected	11.1
Di-n-butylphthalate			Not detected	55.5	Not detected	11.1
Di-n-octylphthalate			Not detected	55.5	Not detected	11.1
Fluoranthene			Not detected	55.5	Not detected	11.1
Fluorene			Not detected	55.5	Not detected	11.1
Hexachlorobenzene			Not detected	55.5	Not detected	11.1
Hexachlorobutadiene			Not detected	55.5	Not detected	11.1
Hexachlorocyclopentadiene			Not detected	55.5	Not detected	11.1
Hexachloroethane			Not detected	55.5	Not detected	11.1
Indeno(1,2,3-cd)pyrene			Not detected	55.5	Not detected	11.1
Isophorone			Not detected	55.5	Not detected	11.1
Naphthalene			Not detected	55.5	Not detected	11.1

YORK

Client Sample ID			Tank #3		Tank #5	
York Sample ID			06060216-02		06060216-03	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Nitrobenzene			Not detected	55.5	Not detected	11.1
N-Nitrosodi-n-propylamine			Not detected	55.5	Not detected	11.1
N-Nitrosodiphenylamine			Not detected	55.5	Not detected	11.1
Phenanthrene			Not detected	55.5	Not detected	11.1
Pyrene			Not detected	55.5	Not detected	11.1
Reactivity-Cyanide	SW846 7.3	mg/L	Not detected	0.025	Not detected	0.025
Flashpoint	SW-846 1010	Degrees F	>200	---	130	---
Reactivity-Sulfide	SW846 7.3	mg/L	Not detected	5	Not detected	5

Client Sample ID			Tank #4	
York Sample ID			06060216-04	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0
1,1-Dichloroethane			Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0
1,2-Dibromoethane			Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0
1,2-Dichloropropane			Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0
1,3-Dichloropropane			Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0
1-Chlorohexane			Not detected	5.0
2,2-Dichloropropane			Not detected	5.0
2-Chlorotoluene			Not detected	5.0
4-Chlorotoluene			Not detected	5.0
Benzene			Not detected	5.0
Bromobenzene			Not detected	5.0
Bromochloromethane			Not detected	5.0
Bromodichloromethane			Not detected	5.0
Bromoform			Not detected	5.0
Bromomethane			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroethane			Not detected	5.0

YORK

Client Sample ID			Tank #4	
York Sample ID			06060216-04	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Chloroform			Not detected	5.0
Chloromethane			Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0
Dibromochloromethane			Not detected	5.0
Dibromomethane			Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0
Ethylbenzene			Not detected	5.0
Hexachlorobutadiene			Not detected	5.0
Isopropylbenzene			Not detected	5.0
Methylene chloride			Not detected	5.0
MTBE			Not detected	5.0
Naphthalene			Not detected	5.0
n-Butylbenzene			Not detected	5.0
n-Propylbenzene			Not detected	5.0
o-Xylene			Not detected	5.0
p- & m-Xylenes			Not detected	5.0
p-Isopropyltoluene			Not detected	5.0
sec-Butylbenzene			Not detected	5.0
Styrene			Not detected	5.0
tert-Butylbenzene			Not detected	5.0
Tetrachloroethylene			Not detected	5.0
Toluene			Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0
Trichloroethylene			Not detected	5.0
Trichlorofluoromethane			Not detected	5.0
Vinyl chloride			Not detected	5.0
Base/Neutral Extractables water	SW846-8270	ug/L	---	---
1,2,4-Trichlorobenzene			Not detected	11.1
1,2-Dichlorobenzene			Not detected	11.1
1,3-Dichlorobenzene			Not detected	11.1
1,4-Dichlorobenzene			Not detected	11.1
2,4-Dinitrotoluene			Not detected	11.1
2,6-Dinitrotoluene			Not detected	11.1
2-Chloronaphthalene			Not detected	11.1
2-Methylnaphthalene			Not detected	11.1
2-Nitroaniline			Not detected	11.1
3,3'-Dichlorobenzidine			Not detected	11.1
3-Nitroaniline			Not detected	11.1
4-Bromophenyl phenyl ether			Not detected	11.1
4-Chloroaniline			Not detected	11.1
4-Chlorophenyl phenyl ether			Not detected	11.1
4-Nitroaniline			Not detected	11.1
Acenaphthene			Not detected	11.1
Acenaphthylene			Not detected	11.1
Anthracene			Not detected	11.1
Benzo(a)anthracene			Not detected	11.1
Benzo(a)pyrene			Not detected	11.1
Benzo(b)fluoranthene			Not detected	11.1
Benzo(g,h,i)perylene			Not detected	11.1
Benzo(k)fluoranthene			Not detected	11.1
Bis(2-chloroethoxy)methane			Not detected	11.1

YORK

Client Sample ID			Tank #4	
York Sample ID			06060216-04	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Bis(2-chloroethyl)ether			Not detected	11.1
Bis(2-chloroisopropyl)ether			Not detected	11.1
Bis(2-ethylhexyl)phthalate			Not detected	11.1
Butyl benzyl phthalate			Not detected	11.1
Carbazole			Not detected	11.1
Chrysene			Not detected	11.1
Dibenzo(a,h)anthracene			Not detected	11.1
Dibenzofuran			Not detected	11.1
Diethylphthalate			Not detected	11.1
Dimethylphthalate			Not detected	11.1
Di-n-butylphthalate			Not detected	11.1
Di-n-octylphthalate			Not detected	11.1
Fluoranthene			Not detected	11.1
Fluorene			Not detected	11.1
Hexachlorobenzene			Not detected	11.1
Hexachlorobutadiene			Not detected	11.1
Hexachlorocyclopentadiene			Not detected	11.1
Hexachloroethane			Not detected	11.1
Indeno(1,2,3-cd)pyrene			Not detected	11.1
Isophorone			Not detected	11.1
Naphthalene			Not detected	11.1
Nitrobenzene			Not detected	11.1
N-Nitrosodi-n-propylamine			Not detected	11.1
N-Nitrosodiphenylamine			Not detected	11.1
Phenanthrene			Not detected	11.1
Pyrene			Not detected	11.1
Reactivity-Cyanide	SW846 7.3	mg/L	Not detected	0.025
Flashpoint	SW-846 1010	Degrees F	>200	---
Reactivity-Sulfide	SW846 7.3	mg/L	Not detected	5

Client Sample ID			Tank #12	
York Sample ID			06060216-05	
Matrix			OIL	
Parameter	Method	Units	Results	MDL
Reactivity-Cyanide	SW846 Ch. 7.3.3	mg/kg	Not detected	0.25
Flashpoint	SW-846 1010	Degrees F	>200	---
Oil Identification	GC/FID	---	*SEE NOTE	---
Reactivity-Sulfide	SW846 Ch. 7.3.4	mg/kg	87.0	15

***NOTE: No oil pattern present**

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

YORK

Report Date: 6/13/2006
Client Project ID: 49-55 Dupont St., Green Point, NY
York Project No.: 06060216

Notes for York Project No. 06060216

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: 6/13/2006

YORK

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 Williams St NY NY 10005	Tomasello at ASR	Levato at ASR	49-55 Dupont St Greenpoint, NY	[signature] / Chris Tomasello

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
1	55 gallon Drums For Disposal	6/5/06		X			Carteret Protocol	2x 8oz Jar
2	Tank #3 (275)	11	X				8260 Full / 8270 BN Flashpoint Reactivity	2x 1 Liter Amber 2x 40 mL VOA
3	Tank #5	11	X				8260 Full / 8270 BN Flashpoint / Reactivity	2x 1 Liter Amber 2x 40 mL VOA
4	Tank #4	11	X				8260 Full / 8270 BN Flashpoint / Reactivity	2x 1 Liter Amber 2x 40 mL VOA
5	Tank #12	11				Product	EPA 310.13, Flashpoint ~~Reactivity~~	1 x 1 Liter Amber

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	Date/Time	Sample Received by	Date/Time
				[signature]	6/6 1230

Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time
				[signature]	6/6/06 420

Comments/Special Instructions

4°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: 6/15/2006
Re: Client Project ID: 49 Dupont St., Bklyn.
York Project No.: 06060310

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: 6/15/2006
Client Project ID: 49 Dupont St., Bklyn.
York Project No.: 06060310

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 06/08/06. 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			Trench #6	
York Sample ID			06060310-01	
Matrix			SLUDGE	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list + MTBE	SW846-8260	ug/Kg	---	---
1,1,1,2-Tetrachloroethane			Not detected	130
1,1,1-Trichloroethane			Not detected	130
1,1,2,2-Tetrachloroethane			Not detected	130
1,1,2-Trichloroethane			Not detected	130
1,1-Dichloroethane			Not detected	130
1,1-Dichloroethylene			Not detected	130
1,1-Dichloropropylene			Not detected	130
1,2,3-Trichlorobenzene			Not detected	130
1,2,3-Trichloropropane			Not detected	130
1,2,3-Trimethylbenzene			Not detected	130
1,2,4-Trichlorobenzene			Not detected	130
1,2,4-Trimethylbenzene			Not detected	130
1,2-Dibromo-3-chloropropane			Not detected	130
1,2-Dibromoethane			Not detected	130
1,2-Dichlorobenzene			Not detected	130
1,2-Dichloroethane			Not detected	130
1,2-Dichloroethylene (Total)			Not detected	130
1,2-Dichloropropane			Not detected	130
1,3,5-Trimethylbenzene			Not detected	130

YORK

Client Sample ID			Trench #6	
York Sample ID			06060310-01	
Matrix			SLUDGE	
Parameter	Method	Units	Results	MDL
1,3-Dichlorobenzene			Not detected	130
1,3-Dichloropropane			Not detected	130
1,4-Dichlorobenzene			Not detected	130
2,2-Dichloropropane			Not detected	130
2-Chlorotoluene			Not detected	130
4-Chlorotoluene			Not detected	130
Benzene			Not detected	130
Bromobenzene			Not detected	130
Bromochloromethane			Not detected	130
Bromodichloromethane			Not detected	130
Bromoform			Not detected	130
Bromomethane			Not detected	130
Carbon tetrachloride			Not detected	130
Chlorobenzene			Not detected	130
Chloroethane			Not detected	130
Chloroform			Not detected	130
Chloromethane			Not detected	130
cis-1,3-Dichloropropylene			Not detected	130
Dibromochloromethane			Not detected	130
Dibromomethane			Not detected	130
Dichlorodifluoromethane			Not detected	130
Ethylbenzene			Not detected	130
Hexachlorobutadiene			Not detected	130
Isopropylbenzene			Not detected	130
Methyl tert-butyl ether (MTBE)			Not detected	130
Methylene chloride			Not detected	130
Naphthalene			Not detected	130
n-Butylbenzene			Not detected	130
n-Propylbenzene			Not detected	130
o-Xylene			Not detected	130
p- & m-Xylenes			Not detected	130
p-Isopropyltoluene			Not detected	130
sec-Butylbenzene			Not detected	130
Styrene			Not detected	130
tert-Butylbenzene			Not detected	130
Tetrachloroethylene			Not detected	130
Toluene			Not detected	130
trans-1,3-Dichloropropylene			Not detected	130
Trichloroethylene			Not detected	130
Trichlorofluoromethane			Not detected	130
Vinyl chloride			Not detected	130
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG	---	---
2-Methyl naphthalene			Not detected	124000
Acenaphthene			Not detected	124000
Acenaphthylene			Not detected	124000
Anthracene			Not detected	124000
Benzo[a]anthracene			Not detected	124000
Benzo[a]pyrene			Not detected	124000
Benzo[b]fluoranthene			Not detected	124000
Benzo[g,h,i]perylene			Not detected	124000
Benzo[k]fluoranthene			Not detected	124000

YORK

Client Sample ID			Trench #6	
York Sample ID			06060310-01	
Matrix			SLUDGE	
Parameter	Method	Units	Results	MDL
Chrysene			Not detected	124000
Dibenz[a,h]anthracene			Not detected	124000
Fluoranthene			Not detected	124000
Fluorene			Not detected	124000
Indeno[1,2,3-cd]pyrene			Not detected	124000
Naphthalene			Not detected	124000
Phenanthrene			Not detected	124000
Pyrene			Not detected	124000
PCB	SW846-3550B/8082	mg/Kg	---	---
PCB 1016			Not detected	0.255
PCB 1221			Not detected	0.255
PCB 1232			Not detected	0.255
PCB 1242			Not detected	0.255
PCB 1248			Not detected	0.255
PCB 1254			Not detected	0.255
PCB 1260			0.69	0.255
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---
TCLP Arsenic			Not detected	0.010
TCLP Barium			0.807	0.010
TCLP Cadmium			0.138	0.005
TCLP Chromium			Not detected	0.005
TCLP Lead			0.249	0.005
TCLP Selenium			Not detected	0.010
TCLP Silver			Not detected	0.005
TCLP Mercury	SW846-1311/7470	mg/L	Not detected	0.0002
Reactivity-Cyanide	SW846 Ch. 7.3.3	mg/kg	Not detected	0.25
Reactivity-Sulfide	SW846 Ch. 7.3.4	mg/kg	Not detected	15
Ignitability	SW846-1030P	---	Does not ignite	---
pH	EPA 150.1	units	8.24	---
Total Petroleum Hydrocarbons-DRO	SW846-8015B	mg/kg	32300	30.0
Total Petroleum Hydrocarbons-GRO	8015B	mg/kg	42	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. 06060310

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:** 6/15/2006

YORK

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	ASR	49 DuPont St Brklyn,	

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
1	Trench # 6	6/7/06				Sludge	Carter protocol	2 8oz

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	6/8/06 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time
Sample Received in LAB by	Date/Time		

Comments/Special Instructions

42°F

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

Ecosystems Strategies, Inc.

APPENDIX G

First Quarter (January – March) 2009
Status Report prepared by ASR

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
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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:

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Project Manager

Reviewed By:

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Project Professional

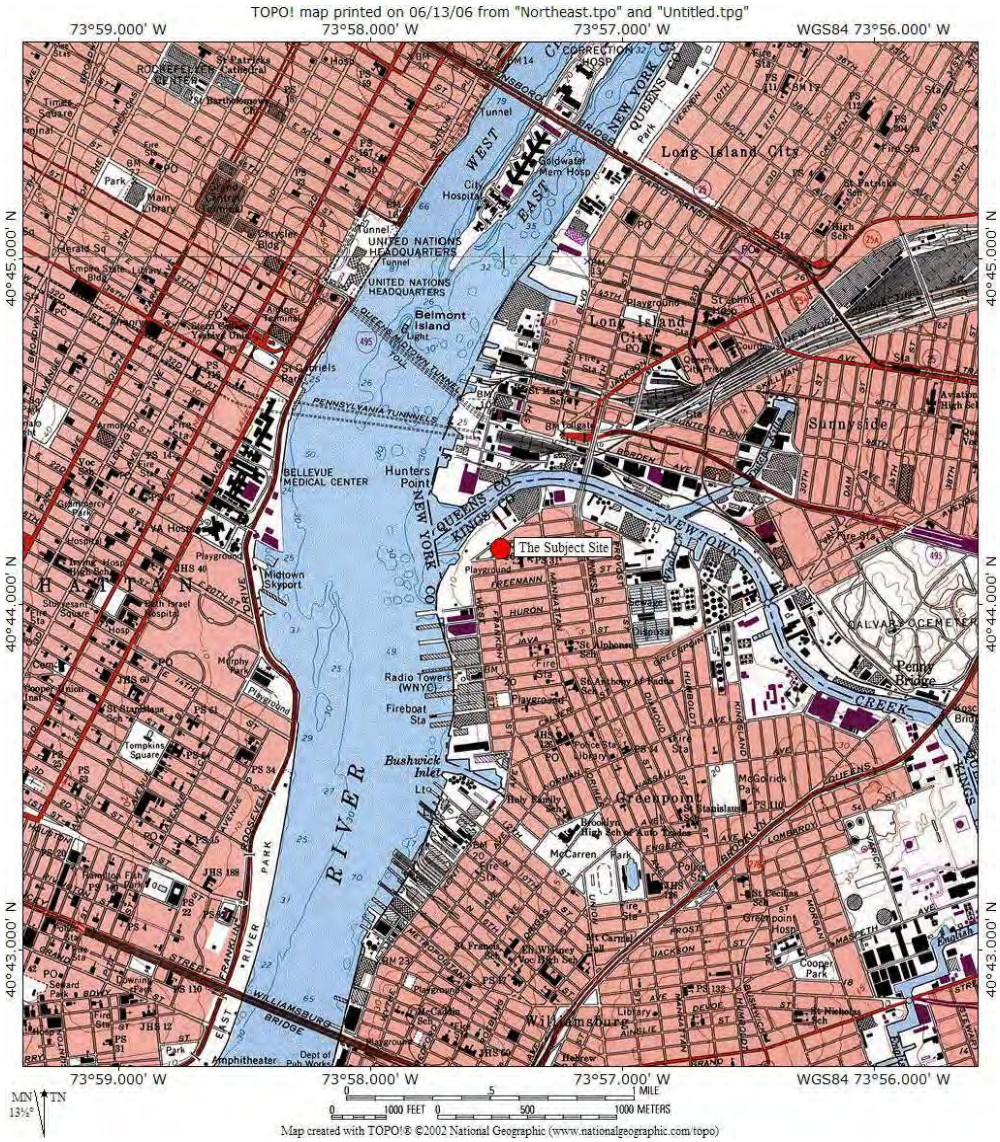

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Figure - 1
Site Location Map
49-55 Dupont Street
Brooklyn, New York 11222

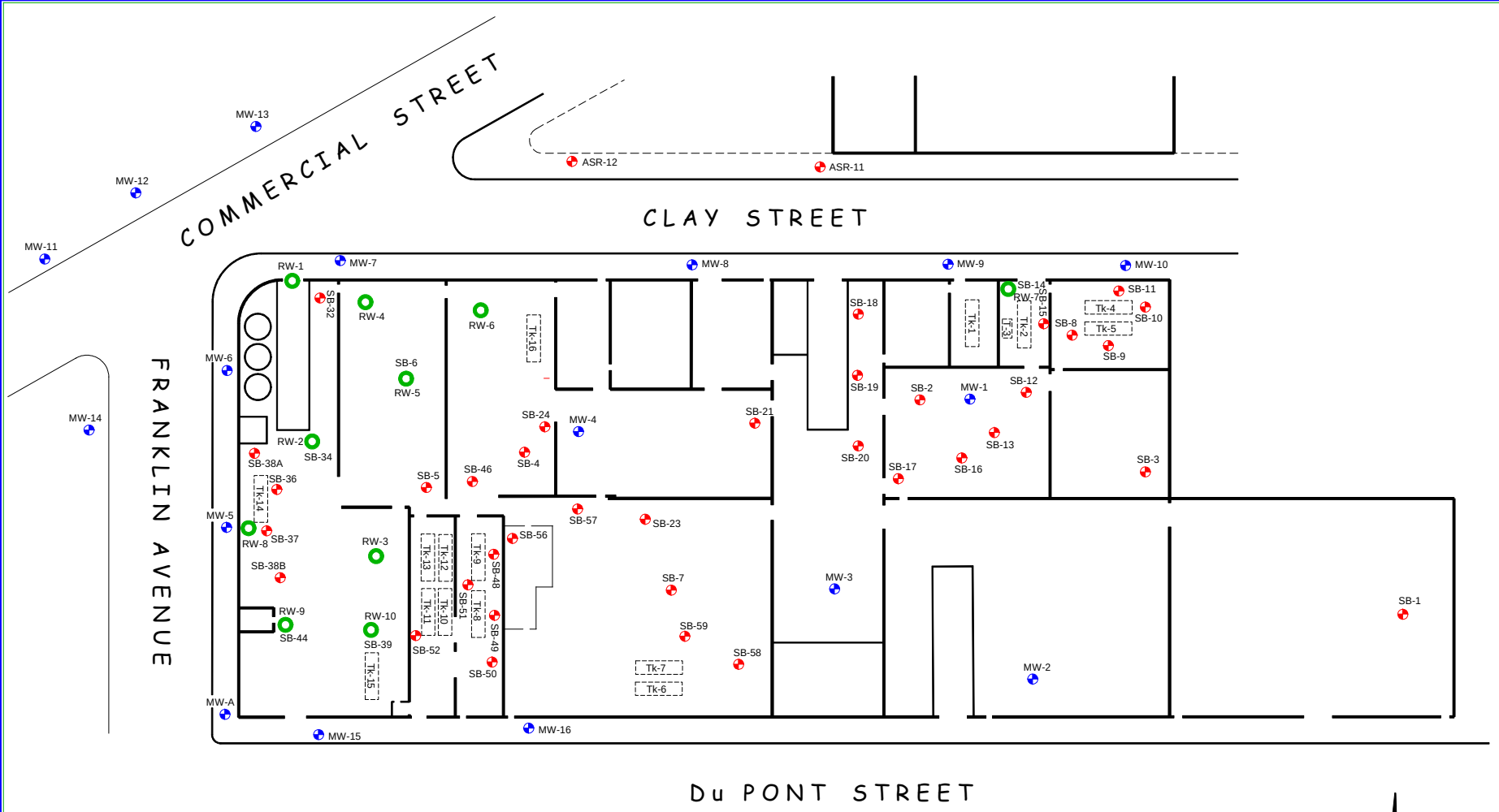

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Figure - 2
Well Location Map

SWM

49 Dupont Realty Corp.
49 - 55 Dupont Street
Brooklyn, New York

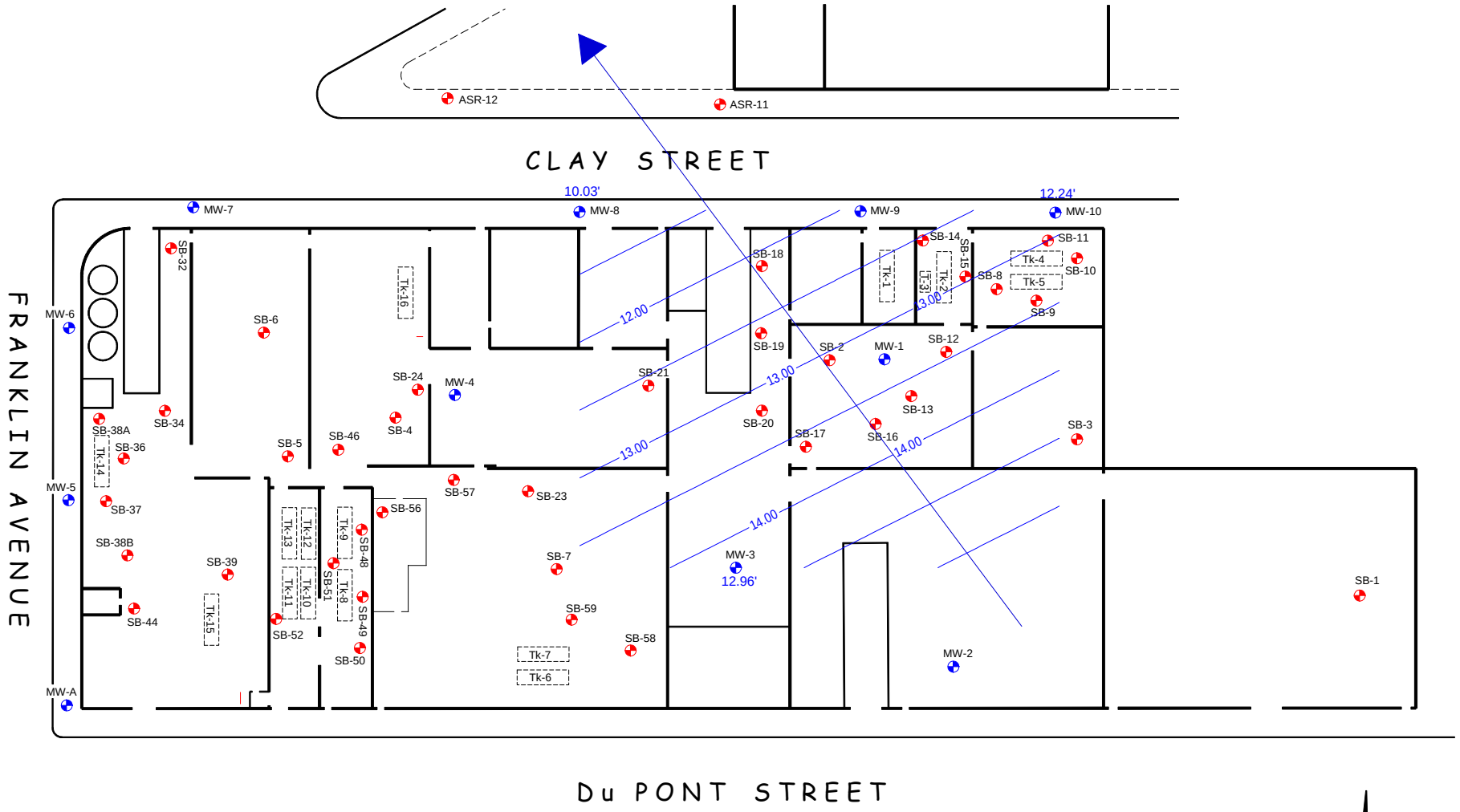

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Figure - 3
Groundwater Gradient Map
March 26, 2009

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

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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
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-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*	

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-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*

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-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	----

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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-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	----

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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-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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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

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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

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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-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

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Table-3

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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***