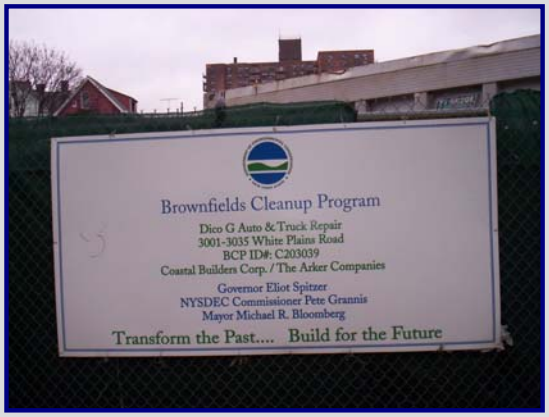
NEW YORK STATE
BROWNFIELDS CLEANUP PROGRAM
BCP ID No. C203039

FINAL ENGINEERING REPORT

EBC Project No: ARK0602

FORMER DICO G AUTO & TRUCK REPAIR
Block 4545, Lots 1001 & 1002
3001 - 3035 White Plains Road
Bronx, NY

DECEMBER 2008



Program Volunteer:

Bedford Park Associates, LLC
Adee & Lester, L.P.
3035 White Plains Retail, LLC
15 Verbena Avenue
Suite #100
Floral Park, NY 11001-2711

FORMER DICO G TRUCK AND AUTO REPAIR

BRONX, NEW YORK

FINAL ENGINEERING REPORT

NYSDEC BCP NUMBER: C203039

Prepared For:

Bedford Park Associates, LLC
Adee & Lester, L.P.
3035 White Plains Retail, LLC
930 Broadway
Woodmere, NY 11598

December 2008

TABLE OF CONTENTS
FINAL ENGINEERING REPORT
FORMER DICO G AUTO AND TRUCK REPAIR SITE

TABLE OF CONTENTS continued
FINAL ENGINEERING REPORT
FORMER DICO G AUTO AND TRUCK REPAIR SITE

TABLE OF CONTENTS Continued
FINAL ENGINEERING REPORT
FORMER DICO G AUTO AND TRUCK REPAIR SITE

TABLES

FIGURES

TABLE OF CONTENTS Continued
FINAL ENGINEERING REPORT
FORMER DICO G AUTO AND TRUCK REPAIR SITE

APPENDICES

SITE MANAGE MENT PLAN
FORMER DICO G AUTO AND TRUCK REPAIR

LIST OF ACRONYMS

Acronym	Definition
AMC	AMC Engineering
AWQS	Ambient Water Quality Standards
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BTEX	Benzene, Toluene, Ethylbenzene and Xylene
CQMP	Construction Quality Management Plan
DUSR	Data Usability Statement Report
EBC	Environmental Business Consultants
FER	Final Engineering Report
HDPE	High Density Polyethylene
IRM	Interim Remedial Measure
LPH	Liquid Phase Hydrocarbons
NYC	New York City
NYCDEP	New York City Department of Environmental Protection
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PS	Public School
PVC	Polyvinyl Chloride
RAO	Remedial Action Objectives
RAWP	Remedial Action Work Plan
RI	Remedial Investigation
RSCOs	Recommended Site Cleanup Objectives
SCG	Standards, Criteria, and Guidelines
SMMP	Soil/Materials Management Plan
SSDS	Sub-slab Depressurization System
SWPPP	Stormwater Pollution Prevention Plan
SVOCs	Semi-Volatile Organic Compounds
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VEFR	Vacuum Enhanced Fluid Recovery
VOCs	Volatile Organic Compounds

CERTIFICATIONS

I, Ariel Czemerinski, am currently a registered professional engineer licensed by the State of New York. I had primary direct responsibility for implementation of the remedial program for the Former Dico G Auto and Truck Repair Site (NYSDEC BCA Index No. W2-1108-07-07 Site No. C203039

I certify that the Site description presented in this FER is identical to the Site descriptions presented in the Environmental Easement, the Site Management Plan, and the Brownfield Cleanup Agreement for the Former Dico G Auto and Truck Repair Site and related amendments.

I certify that the Remedial Action Work Plan dated December 22, 2008 and approved by the NYSDEC was implemented and that all requirements in those documents have been substantively complied with.

I certify that the remedial activities were observed by qualified environmental professionals under my supervision and that the remediation requirements set forth in the Remedial Action Work Plan and any other relevant provisions of ECL 27-1419 have been achieved.

I certify that all use restrictions, Institutional Controls, Engineering Controls, and all operation and maintenance requirements applicable to the Site are contained in an Environmental Easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such Easement has been recorded. A Site Management Plan has been submitted by the Applicant for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by NYSDEC.

I certify that all export of contaminated soil, fill, water or other material from the property was performed in accordance with the Remedial Action Work Plan, and were taken to facilities licensed to accept this material in full compliance with all Federal, State and local laws.

I certify that all import of soils from off-Site, including source approval and sampling, has been performed in a manner that is consistent with the methodology defined in the Remedial Action Work Plan. I certify that all invasive work during the remediation and all invasive development work were conducted in accordance with dust and odor suppression methodology and soil screening methodology defined in the Remedial Action Work Plan.

I certify that all information and statements in this certification are true. I understand that a false statement made herein is punishable as Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

076508 — NYS Professional Engineer #

12/22/08 — Date

Signature

It is a violation of Article 130 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 130, New York State Education Law.

1.0 BACKGROUND

Bedford Park Associates, LLC, Adee & Lester, LP and 3035 White Plains Retail, LLC entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in July, 2007, to investigate and remediate a 0.39-acre property located in the Bronx, New York. A mixed commercial/residential use is proposed for the property. When completed, the Site will contain a 74-unit multifamily building with approximately 11,000 square feet of ground floor commercial space. Refer to the Brownfield Cleanup Program (BCP) application for additional details.

A digital copy of this FER with all project documents approved under the BCP is included in **Appendix A**.

1.1 SITE LOCATION AND DESCRIPTION

The Site is located in the County of the Bronx, New York and is identified as Block 4545 and Lots 1001 and 1002 (formerly Lot 14) on the Bronx Borough Tax Map. A United States Geological Survey (USGS) topographical quadrangle map (**Figure 1**) shows the Site location. The Site is situated on an approximately 0.39-acre area bounded by commercial properties to the north, Adee Avenue to the south, White Plains Road to the east, and residential homes to the west (see **Figure 2**). The boundary map included in the BCA as required by Environmental Conservation Law (ECL) Title 14 Section 27-1419 is included in **Appendix B**. The 0.39-acre property is fully described in **Appendix C** – Metes and Bounds. A global positioning system coordinate for the starting point is included.

1.2 CONTEMPLATED REDEVELOPMENT PLAN

The remedial action performed under the approved IRM Work Plan and the approved Remedial Action Work Plan (RAWP) has made the site protective of human health and the environment consistent with the contemplated end use. The proposed redevelopment plan and end use is mixed commercial / residential.

The construction project, known as the Bronx Park Apartments, includes a multifamily building with approximately 11,000 s/f of ground floor commercial space. The partnership (Volunteer) will enter into a 30-year regulatory agreement with the New York City Housing Development Corporation (NYC

HDC) that will provide for all units at the Project to be set-aside for households earning no more than 55% of the area median income (AMI). The building includes 30 basement level attended parking spaces for the residential component of the project and 25 basement level attended parking spaces for the commercial component of the project. The seven-story building will total approximately 84,047 gross square feet.

1.3 DESCRIPTION OF SURROUNDING PROPERTY

The surrounding land use (**Figure 2**) includes a commercial property to the north, single unit residential homes to the west, commercial retail stores to the east, and a large multi-building residential housing project to the south. The surrounding area is characterized by commercial businesses (mostly retail) along White Plains Road. Residential areas are located behind (east-west) this commercial corridor. An elevated section of the Metro-North Railway passes in front of the property, directly over White Plains Road.

The property is zoned residential R6 with a commercial a C2 overlay and a G2 (gas station) occupancy code. R6 districts are generally for medium density housing, usually between three and five stories. C2 districts are intended to serve both the immediate area around the property and a wider area within the neighborhood. Commercial uses within the classification are limited to the first one or two floors of the building. C2districts are mapped as an overlay to the residential district. A commercial overlay is a small section of a residential district, usually the first and second floors of buildings fronting major avenues, which is zoned for retail and service stores.

The proposed project is compatible with the surrounding land use, and will be in compliance with the current zoning.

There are two schools located within a one-half mile radius of the site: P.S. 41 Gun Hill Road School which is a kindergarten to 5th grade elementary school located at 3352 Olinville Ave and H.S. 425 Evander Childs High School, located at 800 East Gun Hill Road.

The nearest body of water is the Bronx River, which is located approximately 1,575 feet west (topographically upgradient) of the site. The nearest body of water topographically downgradient of the site is Eastchester Bay which is approximately 12,500 feet to the east.

2.0 DESCRIPTION OF REMEDIAL INVESTIGATION FINDINGS

The Site was investigated in accordance with the scope of work presented in the NYSDEC-approved Remedial Investigation (RI) Work Plan dated September, 2007 and a Stipulation Letter (EBC) dated September 27, 2007. The investigation was conducted between October 2 and November 2, 2007. The RI Report was submitted to NYSDEC on October 3, 2008 and approved by NYSDEC in December 2008. The Site was determined by NYSDEC and New York State Department of Health (NYSDOH) not to pose a significant threat to human health or the environment. Below is a summary of Remedial Investigation findings.

2.1 SUMMARY REMEDIAL INVESTIGATIONS PERFORMED

2.1.1. Borings and Wells

Eighteen soil borings were advanced to evaluate the extent and degree of impact in the identified and suspect source areas and to obtain general soil quality information across the site. At each soil boring location, soil samples were collected continuously in 4-foot intervals using a Geoprobe™ (model 54DT) sampling system. The Geoprobe™ uses a direct push hydraulic percussion system to drive and retrieve core samplers.

Soil samples were retrieved using a 2-inch diameter, 4-foot long macro-core sampler with disposable acetate liners. At each soil boring location, sampling was conducted to the bedrock surface. The depth to bedrock at the site varied, with the deepest (approximately 12 feet below grade) encountered in the southern portion of the property and the shallowest (3-4 feet below grade) encountered in the northern portion of the property.

Each soil sample recovered from the soil borings was characterized by an experienced geologist and field screened for the presence of VOCs using a photo-ionization detector (PID). One composite sample was retained from each 4-foot interval, from each of the 18 soil boring locations (total of 27 soil samples). Retained soil samples were submitted for laboratory analysis of VOCs by EPA Method 8260, SVOCs by EPA Method 8270, Target Analyte List (TAL) metals + hexavalent chromium, and Pesticides/PCBs by Method 8081/8082.

In accordance with the RI Work Plan, a total of 12 groundwater monitoring wells (MW1-MW12) were installed from 10/23/07 to 10/29/07 to establish general groundwater quality at the site, define the extent of VOCs in groundwater and to determine the magnitude and direction of a potential contaminant plume migrating from the site. To achieve this, monitoring wells were located to provide coverage of both the interior area of the site and along the site boundary to assess off-site contamination and plume migration. The monitoring wells were installed through overburden and bedrock materials to an overall depth of approximately 25 feet below the surface, (approximately 10 feet below the water table) using a rotary drill rig equipped with an air hammer.

The monitoring wells were constructed of 2-inch diameter PVC casing and ten feet of 0.010 inch slotted PVC well screen. A No.00 morie filter sand was placed in the borehole to within 2 feet above the top of the screen. A 1-foot hydrated bentonite seal was then placed on top of the filter sand and the remainder of the borehole was backfilled to grade. Following installation, each of the wells was surveyed to determine relative casing elevation to the nearest 0.01 ft and horizontal position to the nearest 0.1 ft.

Prior to sampling, a synoptic round of depth-to-groundwater (DTW) measurements was obtained from the wells on 11/2/07 to determine the water table elevation and to calculate the volume of standing water in the well. Approximately 9.5 inches of weathered gasoline was present in well MW8 on this date. The gasoline was removed by hand bailing which was repeated on a weekly basis through 1/10/08 when the wells were lost due to excavation activity. Removed gasoline was stored on-site in a 55 gallon drum. Following the initial removal, only minor amounts approximately 1/8 inch of free phase gasoline were reported in MW8.

In an attempt to delineate the free-phase gasoline found in MW8, four additional monitoring wells (MW13-MW16) were installed around MW8 on 11/9/07. These wells were also checked on a weekly basis through 1/10/08 with no free phase gasoline reported.

2.1.2 Samples Collected

2.1.2.1 Soil Samples

A total of 27 composite soil samples were collected from the 18 soil borings performed at the site. One composite soil sample was formed from each 4-foot boring interval. Collected soil samples were as follows:

- Soil boring SB-1 was performed to a depth of 12 feet below grade resulting in the following soil samples: SB1 (0-4ft), SB1 (4-8ft) and SB1 (8-12feet).

- Soil boring SB-2 was performed to a depth of 8 feet below grade resulting in soil samples SB2 (0-4ft), SB2 (4-8ft).

- Soil borings SB-4 and SB-5 were performed to a total depth of 10 feet below grade, resulting in soil samples SB4 (0-4ft), SB5 (0-4ft), SB4 (4-8ft), SB5 (4-8ft), SB4 (8-10ft) and SB5 (8-10ft).

- Soil borings SB3, SB7, SB11 and SB13 were all performed to a final depth of 4 feet below grade, resulting in soil samples SB2 (0-4ft), SB7 (0-4ft), SB11 (0-4ft), and SB13 (0-4ft).

- Soil borings, SB6, SB8, SB9, SB10 and SB12 were all performed to a final depth of 2 feet below grade, resulting in soil samples SB6 (0-2ft), SB8 (0-2ft), SB9 (0-2ft), SB10 (0-2ft) and SB12 (0-2ft).

2.1.2.2 Groundwater Samples

Groundwater samples were obtained from wells MW1 through MW7 and MW9 through MW12 on 11/2/07 and from MW13-MW16 on 12/7/07. Samples were not collected from MW8 due to the presence of free phase gasoline in the well. Prior to sampling one to three volumes of standing water was purged from each well using a submersible pump at a flow rate of approximately 200 ml/minute to minimize the suspension of particulates in the well.

Upon completion of purging, a groundwater sample was obtained using a disposable, dedicated polyethylene bailer and string. Samples were collected in pre-cleaned laboratory supplied glassware, stored in a cooler with ice and submitted to Chemtech Laboratories, Inc. (Chemtech) of Mountainside, NJ, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11376).

Groundwater samples collected from 15 of the 16 wells (all except MW8) were analyzed for VOCs by EPA method 8260. Samples from 11 of the wells (MW1-12, except MW8) were also analyzed for SVOCs by EPA method 8270. Groundwater samples from 5 of the wells (MW1, MW5, MW6, MW10, MW12) were analyzed for target analyte list metals (total/dissolved), hexavalent chromium, and pesticides/PCBs by Method 8081/8082.

2.1.2.3 Soil Gas Samples

To assess the presence of VOCs in soil gas beneath the site, soil vapor samples were collected from 12 vapor implants (SG1-SG12) located throughout the site. Soil vapor samples were collected in accordance with the Draft Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH 2/05). The vapor implants were installed at the site on 10/2/07 by LVS under the supervision of an EBC environmental geologist. Soil gas samples were collected 10/5/07.

2.1.3 Chemical Analytical Work Performed

Each soil and groundwater sample was placed in pre-cleaned laboratory supplied glassware, and placed in a cooler packed with ice for transport to the laboratory. Sample analysis was provided by Chemtech Laboratories, Inc. of Mountainside, NJ, a New York State ELAP certified environmental laboratory. Soil samples were analyzed for volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, Target Analyte List (TAL) metals, and pesticides/PCBs by Method 8081/8082. Groundwater samples were analyzed for one or more of the following depending on location: VOCs by EPA Method 8260, SVOCs by EPA Method 8270, TAL metals, and pesticides/PCBs by Method 8081/8082. Ten soil gas samples were collected for analysis for VOCs by EPA method TO-15 from the twelve soil vapor sampling points.

2.1.4 Geophysical Work and Test Pits

A geophysical survey was not conducted for the site because redevelopment plans called for the completion excavation of the site to bedrock.

In addition to the soil boring, monitoring well and soil gas sampling program, 14 test pits were performed under the IRM to verify the depth to the bedrock surface and to collect waste characterization samples as necessary to obtain final approval at the identified disposal facility for the transport of the overburden soils.

2.1.5 Documentation

Maps showing the locations of the soil borings, monitoring wells and soil gas sample collection points are provided in **Figures 3** through **5**. The results of soil, groundwater and soil gas samples collected during the RI are summarized in **Tables 1** through **3**. Below is a summary of RI findings.

The results of sampling performed during the RI, identified residual VOCs in overburden soil at two locations which correspond to the two former dispenser islands near the east side of the former gas station property. VOC concentrations in groundwater and/or free phase gasoline were found in close proximity to the former dispensers, identifying both as source areas of gasoline contamination. The greater VOC concentrations reported in both soil and groundwater in the vicinity of the north dispenser; identified it as the more significant of the two. The conceptual release scenario in both cases included a slow release at a dispenser fitting which saturates the surrounding overburden soil to the bedrock surface approximately 2-3 feet below grade. Free-phase gasoline would then migrate along the bedrock surface following joints and cracks in the bedrock until it encounters groundwater at a depth of approximately 15 feet below the surface. Upon contacting the groundwater, a dissolved VOC plume is generated which then migrates from the south dispenser area to the south and east, and from the north dispenser area to the north and east. The direction of groundwater flow is influenced by the potentiometric surface and the orientation of joints and fractures in the bedrock.

During implementation of the IRM, all overburden soil was removed to the bedrock surface. In addition, a large area of bedrock was excavated to a depth of approximately 14 feet for construction of a basement level parking garage within the new building. This effectively removed the source of

gasoline VOCs in soil and the historic fill which contained several SVOC compounds and metals above the Track 1 cleanup criteria. A small accumulation (<0.15 ft) of liquid phase hydrocarbons (LPH), in the form of weathered gasoline, was reported in one of nine post excavation IRM monitoring wells (IRM-W7) installed during the chemical oxidant treatment program performed under the IRM. Removal of this LPH and further treatment of groundwater is warranted, to reduce VOC concentrations in on-site groundwater and to limit off-site migration of a VOC plume.

Although elevated VOC concentrations were detected in soil-gas samples collected during the RI there did not appear to be any correlation to identified source areas. In addition, the distribution of gasoline related VOCs, and the site-wide detections of chlorinated compounds, which were not associated with the site, provides evidence that some of the VOCs detected in soil gas were not related to on-site contamination.

2.1.6 Summary of Remedial Investigation Findings

The Site was investigated in accordance with the scope of work presented in the NYSDEC-approved Remedial Investigation (RI) Work Plan dated September, 2007 and a Stipulation Letter (EBC) dated September 27, 2007. The investigation was conducted between October 2 and November 2, 2007. The RI Report was submitted to NYSDEC on October 3, 2008.

The primary areas of concern are the two former dispenser islands located on the southern half of the property along White Plains Road. Based on the degree of soil and groundwater contamination, the former north dispenser island has been identified as a primary source area with the former south dispenser island contributing to a lesser extent. Overburden soil consisted primarily of historic/urban fill material with slightly elevated levels of metals, SVOCs and pesticides.

It must be noted that soil and bedrock excavation performed by the Volunteer under an approved IRM Work Plan was successful in removing all petroleum contaminated soil, and in meeting the unrestricted soil cleanup objectives, as established in Draft 6NYCRR 375-6. There are no known source areas (USTs, contaminated soil, etc.) remaining on the site**,** however, small accumulations of free-phase gasoline have been reported in one of the on-site monitoring wells following implementation of the IRM.

Contaminated media documented at the site during the RI includes soil, groundwater and soil gas which were found to be contaminated with VOCs related to gasoline released during past use of the site as a service station.

2.2 SIGNIFICANT THREAT

The NYSDEC and NYSDOH have determined that this Site does not pose a significant threat to human health and the environment. Notice of that determination has been provided for public review. The notice is included in **Appendix D**.

2.3 SITE HISTORY

2.3.1 Past Uses and Ownership

Previous owners and operators of the property at 3035 White Plains Road are shown below. A deed chain title search was performed from 1957 to the present, showing that the Tremarco Corporation owned the property from 1957 to 1973 when Gulf Oil Company became successor in title, as the result of a merger with Tremarco. Gulf transferred the title to 3035 White Plains Realty Corp in 1984. The title was then transferred from 3035 White Plains Realty Corp to G.S Dixon Realty Corp. in 2006, as a zero consideration transaction. A one-story building was constructed on the property in 1960. The building was used as a service/gasoline retail station from 1960 to approximately 1999, and then as an automotive repair shop and storage yard from 1999 to the present. Based on a business directory search of the address, the earliest business directory listing for the property was in 1961, for “Safeway Service Station” and “Salzano Service Station”. The Sanborn map from 1976 identifies the property as "A filling station".

Previous Owners

Dates	Name	Comments	Contact Info
prior to 3/29/57	Harry Jacobs	Owner from at least 1957	
3/29/57 to 8/73	Tremarco Corporation	Owner from 3/29/57 until merger with Gulf Oil Corp	
8/73 to 8/11/84	Gulf Oil Corp.	Acquired through merger with Tremarco Corp.	
8/11/84	3035 White	Purchase from Gulf Oil Corp.	3035 White Plains

to 5/18/06	Plains Realty Corp		Road Bronx
5/18/06 to present	G.S. Dixon Realty Corp.	Transfer of title as a zero consideration transaction and to wind up corporate affairs of grantor.	3035 White Plains Road Bronx

Previous Operators

Date of Listing	Name	Address
2005	Dico G Associates, Inc.	3035 White Plains Road, Bronx
2000	Dico G Associates, Inc.	3035 White Plains Road, Bronx
1993	Dico G Associates, Inc.	3035 White Plains Road, Bronx
1983	Pudix Service Center	3035 White Plains Road, Bronx
1976	L & A Gulf Service Station	3035 White Plains Road, Bronx
1971	G & A Service Station	3035 White Plains Road, Bronx
1965	Safeway Service Station Salzano Service Station	3035 White Plains Road, Bronx
1961	Safeway Service Station Salzano Service Station	3035 White Plains Road, Bronx

2.3.2 Phase I and Phase II Reports

Summary of Phase I Report

A Phase I Environmental Site Assessment (ESA), in accordance with ASTM E 1527, was completed by Environmental Business Consultants (EBC) and documented in a report dated February, 2007. The Phase I ESA revealed that the property was historically used as an automotive service station from at least 1960 to 1999. Since 1999 the site has been used mainly as a truck and automotive repair shop and scrap yard. The records search identified two NYSDEC petroleum spill files, one of which remains open. The site inspection identified numerous environmental concerns including the improper storage of fuel oil, waste oil and automotive fluids. The Phase I revealed the following recognized environmental conditions:

- The site has an open spill file No. 99-00851 related to soil contamination discovered during the removal of twelve 550 gallon USTs in 1999. No documentation regarding endpoint sampling, impacts to groundwater or other media was available.
- The improper storage of hazardous and non-hazardous materials including gasoline, fuel oil, automotive fluids and solvents.

- The outdoor storage of derelict vehicles, auto parts, scrap metals and trash.
- The presence of a surface drain with obvious staining around the structure.
- The historic use of the property as a gas station from 1960 to 1999, and as an automotive repair facility from 1960 to the present.

The Phase I concluded that the site has been impacted by petroleum products associated with underground leaking storage tanks, and that the potential exists for impacts to other areas of the site from the former dispenser system and associated piping, from the improper storage and use of petroleum products, solvents and automotive chemicals, and from the outdoor storage of derelict vehicles, auto parts and scrap metals.

The shallow groundwater and bedrock surface conditions at the site, combined with the documented historic use of the property, increases the potential liability for off-site impact to businesses and residences through the vapor intrusion pathway.

Summary of Preliminary Sampling

On December 29, 2006, gasoline contamination was encountered by a geotechnical drilling company advancing soil borings on the property to determine the foundation requirements of a potential new building for the site. On January 3, 2007, EBC visited the site and directed the geotechnical company to collect new samples from the area in which the contamination was discovered. This area corresponded to the general location of a former dispenser island, according to the property owner. Based on discussions with the property owner, two more borings were installed at locations which corresponded roughly to the location of a second dispenser island and the former UST area. Due to difficulties in accessing these areas from derelict vehicles stored on the property, optimal locations could not be achieved. Strong gasoline odors were noted from the samples collected from the borings near both of the former dispenser islands.

The geotechnical contractor was not equipped to collect groundwater samples, therefore, EBC returned to the site on January 10, 2007 to obtain a groundwater sample near the south property line, in an area where the contractor had previously encountered groundwater. The groundwater sample was collected from a depth of approximately 9 feet using a track-mounted probing machine.

Elevated VOCs above TAGM guidance levels were reported in the samples collected from the approximate location of the two former dispenser islands. Total VOCs in these areas exceeded 200,000 ug/kg. VOCs, indicative of gasoline contamination, were reported in all 3 borings. Elevated SVOCs also were reported in all 3 borings.

Fourteen VOC compounds associated with gasoline were found in exceedance of water quality standards. Total VOCs in the sample exceeded 27,000 ug/l. One SVOC parameter, naphthalene at a concentration of 820 ug/l, was also detected in excedance of its water quality standard (10 ug/L).

Based on the results of soil and groundwater samples collected and the historic use of the site, the preliminary investigation concluded that the site had been impacted by its use as a service station and repair shop over the past 45 years. The report noted that the borings installed were located based on general guidance from the property owner and that they were unlikely to represent worst case conditions. Although the boring near the former UST area had no VOC exceedances, it was not optimally located within the assumed UST location because derelict vehicles were blocking access. Contamination was previously discovered in this area during removal of the USTs and a spill was reported to the DEC (No. 99-00851). There is no documentation that endpoint samples were collected from the excavation and no investigation performed to determine the extent of affected media; accordingly the preliminary report concluded that it is highly likely that significant contamination remains in this area of the property.

Groundwater from a single boring location was found to contain gasoline-related VOCs at levels significantly above water quality standards. As the boring was located close to the south property line, the report concluded that it was highly likely that contaminated groundwater was migrating off of the property. The report noted that the sample was not believed to be hydraulically downgradient of the impacted soil areas, and, therefore, VOC concentrations may be considerably higher in other areas of the site or at off-site locations.

The report noted that other areas of the property may be affected with VOCs, SVOCs and metals due to materials stored at the site and recommended that a comprehensive investigation be performed encompassing all potentially affected media (soil, soil gas, groundwater). The report noted that because

shallow soil and groundwater were affected, remedial action, and / or mitigation and control measures may be needed to prevent vapor intrusion, if the property is developed as intended.

2.3.3 Sanborn Maps

All Sanborn Maps available for this Site were reviewed prior to preparation of the RAWP. Sanborn fire insurance maps for the subject property and surrounding area were reviewed for the years 1887, 1908, 1918, 1935, 1950, 1976, 1978, 1981, 1983, 1986, 1989, 1991, 1992, 1993, 1995 and 1996. The review is summarized below. Copies of Sanborn maps are included as **Appendix E**.

Subject Property Historical Usage

Date	Description
1887	The lot has different dimensions then it does at present since it predates the widening and straightening of White Plains road. A dwelling is shown on the eastern half of the lot where White Plains Road is today.
1908	The lot is shown in its present dimensions. White Plans Road has been widened and now covers the eastern half of the previous lot. The lot is vacant. Lester Street is shown as a paper road at the north end of the lot. Olinville Avenue is shown as a paper road separating the subject lot from residential properties to the east.
1918	Elliot Ave is shown as a narrower paper road in place of Olinville Avenue.
1935	3 small automobile garages “A” are shown along the east side of Elliot Avenue.
1950	The garage structures are no longer shown.
1976	A building of the present size and dimensions is shown as “filling station”
1978	Unchanged
1979	Unchanged
1981	Unchanged
1983	Unchanged
1986	Unchanged
1989	Unchanged
1991	Unchanged
1992	Unchanged
1993	Unchanged
1995	Unchanged

Information contained in the Sanborn maps indicates that the subject property has been used as a service station since at least 1961. All Sanborn maps available for the Site were reviewed prior to preparation of the RAWP.

2.4 GEOLOGICAL CONDITIONS

The bedrock below the site, known as the Manhattan Schist, is overlain by deposits of poorly permeable glacial till. This glacial till consists primarily of sandy silt with weathered bedrock fragments. Based upon observations made in the basement excavation which extended 8-10 feet into the bedrock, fractures and joints in the bedrock generally strike north-south and dip to the northeast at an angle of 12-18 degrees. However, joints and cleavage plains were also observed which dipped to the south, particularly in the south eastern area of the site.

Soils at the site are classified as Urban Land (Ug), as defined by the United States Department of Agriculture. Urban Land is described as areas where at least 85 percent of the land surface is covered with asphalt, concrete, or other impervious building material. These areas are mostly parking lots, shopping centers, industrial parks, or institutional sites. Most areas are nearly level to gently sloping and range in size from three acres to several hundred acres.

The soil borings performed at the site describe the subsurface material as silty sand and clayey silt with rock fragments and micaceous soil composed almost entirely of severely weathered bedrock. The depth to competent bedrock, as determined by refusal during drilling, ranged from 2-3 feet below surface in the north and eastern part of the site and 10-12 feet in the southern portion of the site.

Ground water at the site exists at approximately 12-15 feet below land surface placing the water table within the bedrock at most of the locations. A geologic section is shown in **Figure** 6. A groundwater flow map is shown in **Figure** 7.

As shown in the figure, groundwater flow is generally from the central portion of the site (vicinity of the former station building) in a radial pattern to the north, south and east.

The flow patterns and direction may be influenced locally by leaking drainage structures and the orientation of joints and fractures in the bedrock.

2.5 CONTAMINATION CONDITIONS

2.5.1 Conceptual Model of Site Contamination

Although the date(s) and circumstances surrounding the release of gasoline at the site are not known, it can be assumed that it occurred sometime prior to the removal of the tanks and dispensers in 1999. Since the spill number assigned to the site was related to excavation of the tank area, it is assumed that at least some release of gasoline occurred in this area. Gasoline released from the tanks would be expected to contaminate soil within the tank bed, which was likely excavated into the bedrock surface to a depth of 8 feet. Based on the results of the RI, affected soil was removed at the time of the tank removal. The tank area itself does not appear to be a significant source of the gasoline contamination at the site.

There is evidence of a release at both the north and south dispensers as well. It is anticipated that a spill at these locations would migrate along the contours of the shallow bedrock surface (approximately 2-3 ft below grade) entering fractures in the bedrock until it encounters groundwater at a depth of approximately 15 feet below grade. The release appears to have been much more significant at the north dispenser where VOC concentrations in soil and groundwater were much greater and where free phase gasoline is still present. The volume of free phase gasoline may have been insufficient to reach the water table near the south dispenser and groundwater impacts in this area may be the result of transport water migrating through affected overburden soil.

Upon contacting the groundwater, dissolved VOC components would form a plume which would migrate in the direction of groundwater flow. In the vicinity of the south dispenser the flow would be generally to the southeast and east.. In the vicinity of the north dispenser flow would generally be to the northeast and east. Volatile organic compounds (VOCs) would be expected to off-gas to some degree from affected groundwater where it would migrate toward low pressure areas such as utility conduits or basements. Volatilization would be limited by the occurrence of groundwater only within bedrock fractures.

2.5.2 Description of Areas of Concern

The primary areas of concern are the two former dispenser islands located on the southern half of the property along White Plains Road. Based on the degree of soil and groundwater contamination, the former north dispenser island has been identified as a primary source area with the former south dispenser island contributing to a lesser extent. Overburden soil consisted primarily of historic/urban fill material with slightly elevated levels of metals, SVOCs and pesticides.

It must be noted that soil and bedrock excavation performed by the Volunteer under an approved IRM Work Plan was successful in removing all petroleum contaminated soil, and in meeting the unrestricted soil cleanup objectives, as established in Draft 6NYCRR 375-6. There are no known source areas remaining on the site.

Contaminated media documented at the site includes soil, groundwater and soil gas which was found to be contaminated with VOCs during the RI.

2.5.3 Identification of Standards, Criteria and Guidance

Applicable SCG's for Remedial Actions include the following:

- 29 CFR Part 1910.120 - Hazardous Waste Operations and Emergency Response
- 40 CFR Part 144 - Underground Injection Control Program
- 10 NYCRR Part 67 – Lead
- 12 NYCRR Part 56 - Industrial Code Rule 56 (Asbestos)
- 6 NYCRR Part 175 - Special Licenses and Permits--Definitions and Uniform Procedures
- 6 NYCRR Part 371 - Identification and Listing of Hazardous Wastes (November 1998)
- 6 NYCRR Part 372 - Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities (November 1998)
- 6 NYCRR Subpart 373-4 - Facility Standards for the Collection of Household Hazardous Waste and Hazardous Waste from Conditionally Exempt Small Quantity Generators (November 1998)
- 6 NYCRR Subpart 374-1 - Standards for the Management of Specific Hazardous Wastes and Specific Types of Hazardous Waste Management Facilities (November 1998)

- 6 NYCRR Subpart 374-3 - Standards for Universal Waste (November 1998)
- 6 NYCRR Part 375 - Environmental Remediation Programs (December 2006)
- 6 NYCRR Part 376 - Land Disposal Restrictions
- 6 NYCRR Part 608 - Use and Protection of Waters
- 6 NYCRR Parts 700-706 - Water Quality Standards (June 1998)
- 6 NYCRR Part 750 through 758 - Implementation of NPDES Program in NYS ("SPDES Regulations")
- Technical Guidance for Screening Contaminated Sediments (January 1999)
- TAGM 4013 - Emergency Hazardous Waste Drum Removal / Surficial Cleanup Procedures (March 1996)
- TAGM 4046 - Determination of Soil Cleanup Objectives and Cleanup Levels (January 1994)
- TAGM 4059 - Making Changes To Selected Remedies (May 1998)
- STARS #1 - Petroleum-Contaminated Soil Guidance Policy
- TAGM 3028 - "Contained In" Criteria for Environmental Media: Soil Action Levels (August 1997)
- Citizen Participation in New York's Hazardous Waste Site Remediation Program: A Guidebook (June 1998)
- TOGS 1.1.1 - Ambient Water Quality Standards & Guidance Values and Groundwater Effluent Limitations
- TOGS 2.1.2 - Underground Injection/Recirculation (UIR) at Groundwater Remediation Sites
- Air Guide 1 - Guidelines for the Control of Toxic Ambient Air Contaminants
- OSWER Directive 9200.4-17 - Use of Monitored Natural Attenuation at Superfund, RCRA Corrective Action, and Underground Storage Tank Sites (November 1997)

2.5.4 Soil/Fill Contamination

A total of 27 soil samples from 18 soil borings (SB1-SB18) were collected during the RI to evaluate the extent and degree of impact in the identified and suspect source areas and to obtain general soil quality information in overburden soils at the site.

The soil boring program identified three adjacent locations with gasoline contamination in overburden soil. All three locations correlated to the former dispenser pads near the eastern edge of the property. The depth to bedrock in this area was 2 to 4 feet below surface. Gasoline contamination was highest near the north dispenser pad. No gasoline contamination was reported in samples collected from borings within, and adjacent to, the former UST area. Overburden soils were comprised of urban fill which contained elevated levels of metals, SVOCs and/or pesticides.

2.5.4.1 Description of Soil/Fill Contamination

Soil sample results from the RI are summarized in **Table 1A-D**. Further information on soil sample collection, handling and analysis can be found in the RI Report (EBC 9/08).

2.5.4.2 Comparison of Soil/Fill with SCGs

Table 4 shows exceedances from Track 1 Unrestricted SCOs for all overburden soil at the Site. **Figure 8** is a spider map that shows the location and summarizes exceedances from Track 1 Unrestricted SCOs for all overburden soil.

2.5.5 On-Site and Off-Site Groundwater Contamination

2.5.5.1 Description of Groundwater Contamination

Groundwater impacts consist of both liquid phase hydrocarbons (LPH) and dissolved VOC components associated with gasoline. Impacted groundwater was primarily encountered in the vicinity of and downgradient of the two former dispenser locations. In the case of the south dispenser location, impacted groundwater continued to migrate from this general area to the south property line. Total VOC concentrations in the vicinity of the former dispenser were reported as 6,616 ug/L (MW3). Total VOC concentrations at the south property line ranged from 1,886 to 4,661 ug/L (MW2, MW1 respectively). Based on the southerly groundwater flow direction in this area of the site, it is probable that a VOC plume of this magnitude is migrating south towards the southern property line.

Groundwater in the vicinity of the former north dispenser pad indicated a greater degree of impact with concentrations as high as 13,722 ug/L in well MW15 and free-phase gasoline at well MW8 (located northwest of the former dispenser) and IRM-W7 (located at the former north dispenser). High VOC

concentrations were also present in MW5 along the east property line. Impacted groundwater from this general area is expected to be migrating northeast in response to the potentiometric surface, however, the actual direction of plume migration will likely be influenced by the orientation of fractures within the bedrock. The VOC concentration in groundwater from well MW5 (12,045 ug/L) and IRM-W7, indicates that a VOC plume of this magnitude is migrating off-site across the central portion of the east property line.

The results of groundwater samples collected during the RI are summarized in **Table 2A-D**. Further information on groundwater sample collection, handling and analysis can be found in the RI Report (EBC 9/08).

2.5.5.2 Comparison of Groundwater with SCGs

A table that indicates exceedances from GA groundwater standards in monitor wells prior to the remedy is shown in **Table 5**. A spider map that indicates the location(s) of and summarizes exceedances from GA groundwater standards prior to the remedy is shown in **Figure 9**.

2.5.6 On-Site and Off-Site Soil Vapor Contamination

2.5.6.1 Description of On-Site and Off-Site Soil Vapor Contamination

Total VOC concentrations detected in soil vapor samples collected during the RI were highest (>2,000 ug/m3) in SG10, SG12 and SG4 respectively. Soil vapor concentrations at the remainder of the locations were fairly consistent at less than 1,000 ug/m3. The highest total VOC concentration which was reported at location SG10 was largely made up of methylene chloride and other non-petroleum VOCs. When looking at gasoline related compounds, the highest concentrations were limited to SG4 and SG12, with concentrations at SG12 significantly higher. Although SG4 is located near the identified secondary source area (south dispenser pad), SG12 is located in the far northwest corner the furthest away from the affected area at the site. The distribution of gasoline related VOCs, and the site-wide detections of chlorinated compounds, which were not detected in any of the on-site soil or groundwater samples indicates that at least some of the VOCs detected were not related to on-site contamination.

2.5.6.2 Comparison of Soil Vapor with SCGs

A table of soil vapor data collected prior to the remedy is shown in **Table 3**. A spider map that indicates the location(s) of and summarizes soil vapor data prior to the remedy is shown in Figure 10. Further information on soil gas sample collection, handling and analysis can be found in the RI Report (EBC 9/08).

2.6 ENVIRONMENTAL AND PUBLIC HEALTH ASSESSMENTS

2.6.1 Qualitative Human Health Exposure Assessment

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

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

Contaminant Source

The source of the VOCs detected in soil and groundwater at the site are generally related to the historic use of the property as a gasoline service station and automobile/truck repair shop. Two source areas have been identified which are related to releases at the former two dispenser islands. Based on the degree of soil and groundwater contamination, the former north dispenser island has been identified as a primary source area with the former south dispenser island contributing to a lesser extent. These two locations serve as the identified source areas for the purpose of evaluating on and off-site exposure.

It must be noted that soil and bedrock excavation performed by the Volunteer under an approved IRM Work Plan was successful in removing all petroleum contaminated soil, and in meeting the unrestricted soil cleanup objectives, as established in 6NYCRR 375-6. There are no known source areas (USTs,

contaminated soil, etc.) remaining on the site**,** however, small accumulations of free-phase gasoline have been reported in one of the on-site monitoring wells following implementation of the IRM.

Contaminant Release and Transport Mechanism

Since an IRM was successfully completed which removed all overburden soil from the site to the bedrock surface, impacted soil is no longer contributing contaminant mass to groundwater or transferring VOCs to the vapor phase through volatilization.

However, VOCs present in LPH and in on-site groundwater may volatilize to air resulting in elevated VOC concentrations in soil vapor both on-site and off-site. In addition, impacted groundwater is currently migrating off-site which could result in VOC volatilization closer to potential off-site receptors.

Chemical oxidant treatment performed under the IRM was successful in is reducing VOC mass and dissolved VOCs in groundwater at the site. This program will continue under a Site Management Plan to significantly reduce dissolved VOCs in on-site groundwater and eliminate future off-site migration.

Point of Exposure, Route of Exposure and Potentially Exposed Populations

Potential On-Site Exposures: Remediation workers and construction workers engaged in the excavation of impacted and non-impacted soil at the site may be exposed to VOCs through several routes. Workers excavating impacted soil may be exposed to VOCs through inhalation, ingestion and dermal contact. Workers excavating non-impacted soil may be exposed to VOCs in soil gas through inhalation. A site specific Health and Safety Plan has been developed to identify and minimize the potential hazards to on-site workers.

Under a future scenario, commercial workers and residents within the proposed building may be exposed to vapor intrusion if remediation of the groundwater is not completed, or if preventive measures are not incorporated into the new building design. This potential route of exposure will be reduced as VOC concentrations in groundwater decrease in response to the chemical oxidant injection program.

Potential Off-Site Exposures: The entire area is serviced by the New York City Water System which distributes water from the Croton Reservoir system. Since there are no public or private potable supply wells in the area, exposure from contact with tap water is not a concern. Off-site exposure is therefore limited to vapor intrusion from VOCs off-gassing from impacted groundwater leaving the site. The potentially exposed population would include residents in adjacent buildings and commercial workers in retail businesses.

Off-site exposure from VOCs in groundwater to indoor air assumes that VOCs present in groundwater at the site are migrating off-site with minimal attenuation, transferring to the vapor phase and entering commercial or residential buildings through pores and cracks in the foundation to the breathing zoning. Utility workers excavating conduits and service lines beneath the sidewalk and streets could also be potentially exposed to vapor migrating along the backfill trenches associated with the installation of these lines. This potential route of exposure will be reduced as VOC concentrations in groundwater decrease in response to the chemical oxidant injection program.

2.6.2 Fish & Wildlife Remedial Impact Analysis

Potential Off-Site Environmental Impacts: Since VOCs in shallow groundwater may be leaving the site in both a southerly and easterly direction, the groundwater to surface water discharge pathway was evaluated. Based on topographic maps of the area, there are no surface water bodies within 1 mile downgradient of the site. The nearest body of water downgradient of the site is Eastchester Bay which is approximately 12,500 feet to the east. The nearest body of water is the Bronx River, which is located approximately 1,575 feet west (upgradient) of the site. There are no expected impacts to surface water environments since there are no surface water bodies within 1 mile downgradient of the site.

2.7 INTERIM REMEDIAL ACTION

The IRM approved and implemented for the site included the removal and proper disposal of all overburden soil to the bedrock surface followed by injections of a chemical oxidant solution to address dissolved VOCs in groundwater. The excavation of overburden soil began on December 6, 2007 and was largely completed by April 8, 2008. Oxidant injections were performed on two occasions (July 20, 2008 and September 14, 2008). Although significant improvements have been achieved in

groundwater quality in response to the oxidant treatment, further treatment is warranted and will be performed under a Site Management Plan.

The IRM consisted of the following remedial elements:

1. Chemical Inventory and Hydraulic Lift Removal. Prior to the demolition of the building, an interior inspection was performed to determine the status of chemical inventory and hydraulic lifting equipment. Following the inspection the hydraulic system reservoir tank was emptied and the system dismantled and removed from the site. Petroleum products, and automotive chemicals were removed from the site by American Environmental Assessment, inc., a licensed Hazardous Waste contractor, and properly disposed of (or recycled) as non-hazardous or hazardous materials;
2. Investigation and removal of drainage structures, surface drains and related piping which included removal of subsurface piping related to the underground storage tank system;
3. Excavation of all overburden soil to the bedrock surface to the property line. All excavated soil was transported and disposed of in accordance with all local, State and Federal laws and requirements.
4. Excavation of bedrock for construction of a basement level parking garage. Non-contaminated bedrock material was sent to a recycling facility in full compliance with all Federal, State and local laws;
5. Screening for indications of contamination (by visual means, odor, and monitoring with PID) of all excavated soil and bedrock during intrusive Site work;
6. Appropriate off-Site disposal of all material removed from the Site in accordance with all Federal, State and local rules and regulations for handling, transport, and disposal;
7. Importation of materials used for backfill in compliance with a) Part 375-6.7 and b) all federal, state and local rules and regulations for handling and transport of materials;
8. The injection of a chemical oxidant solution to remediate the contaminated groundwater beneath the site. Chemical oxidants were injected throughout the site via pvc injection points installed into the bedrock in the basement level parking garage. Two oxidant injections have been performed to date.

2.7.1 Chemical Inventory and Hydraulic Lift Removal

On September 14, 2007, American Environmental Assessment (AEA) of Wyandanch, NY was on-site to remove the remaining components of the hydraulic lift system within the former service area of the building, empty and remove an aboveground 275 gallon fuel oil tank and remove any petroleum or automotive chemicals which remained on the site.

Prior to AEA's mobilization to the site, the former owner/operator of the auto repair shop removed most of the automotive chemicals which were noted in the building during the Phase I inspection. These chemicals were generally stored in small (>1 gallon) containers and included items such as: brake fluid, starting fluid, carburetor cleaner, transmission fluid, motor oil and other common automotive products.

Remaining chemical inventory included the following:

- 2 - 55 gallon drums of used motor oil
- 10 - 5 gallon pails of used motor oil
- 75 gallons of fuel oil in 275 gallon aboveground tank

AEA removed the liquid from the containers using a vacuum truck. Liquids were transported to the Clean Water of New York Waste Oil Reprocessing and Disposal Facility of Staten Island, NY. AEA also cleaned the 275 gallon fuel oil tank and disposed of it at Arrow Scrap Corp in Wheatley Height, NY, along with the empty 55 gallon waste oil drums and the empty hydraulic lift reservoir tank. The reservoir tank was the only component of the hydraulic lift system present at the site. The remaining parts of the system were removed at some time in the past. Copies of the waste manifest and metal scrap tickets are provided in **Appendix F**.

2.7.2 Removal of Drainage Structures, Surface Drains and Related Piping

The on-site drainage structures and piping were investigated during removal of the overburden material which took place in December of 2007. Piping was limited to a sanitary line from the former service station building and a surface drain located in the northeastern area of the site (see **Figure 11**). Both lines were traced to the combined sewer system located beneath White Plains Road. No significant leakage was observed along these lines and they were not considered to be a source of

contamination at the site. With the exception of the 11 vertical vent lines along the south side of the former service station building, no piping related to the former underground storage tanks (USTs) or former dispensers was encountered during the excavation of overburden soil.

2.7.3 Excavation and Disposal of Overburden Soil

All overburden soil was removed from the Site in accordance with the procedures outlined under the approved IRM Work Plan (EBC 10/07). The excavation of overburden soil began on December 6, 2007 and continued through December 12, 2007 within the south and southeastern areas of the property. Excavation was then suspended until January 2, 2008, to allow shoring along the western property line to progress. The majority of the soil excavation was completed during the month of January though small (1 or 2 day) shipment events continued each month through June 5, 2008. Overburden soil varied in thickness from 2-4 feet in the northern half of the site and along the east central area of the site, to 8-12 feet in the southern half of the site. Soil excavation was performed with two track mounted bucket excavators and loaded directly on to 10-wheel dump trucks provided by the disposal facility. In accordance with the approved IRM Work Plan, a gravel road was constructed and maintained, as needed, to the edge of the excavation / load-out area to minimize dust generation and the off-site tracking of site soil. Two laborers inspected and brushed off the wheels and undercarriage of each truck before it exited the site and periodically swept the street and the site ingress / egress.

All excavated soil was disposed of as non-hazardous waste at permitted disposal facilities operated by Clean Earth incorporated. The majority of soil was taken to the Clean Earth of Carteret facility (CEC) located in Carteret, NJ. The CEC facility (ID# 13231) is a Class B Recycling Center operating under permit No. CBG060003 (expiration date 3/7/12) issued by the New Jersey Department of Environmental Protection (NJDEP). Approximately 25 loads were shipped to the Clean Earth of Southeastern Pennsylvania facility (CESP) located in Morristown, PA. The CESP facility is solid waste processing facility operating under permit No. 301254 (expiration date 1/19/17) issued by the Pennsylvania Department of Environmental Protection (PADEP).

A total of 10,537.98 tons of non-hazardous overburden soil was shipped to the Clean Earth facilities for disposal. A copy of the facility acceptance letter is provided in **Appendix G**. Non-hazardous disposal manifests are provided in as a digital file in **Appendix H.**

2.7.3.1 Test Pits and Waste Characterization Sampling

Fifteen test pits, as shown on **Figure 12,** were advanced at the site on October 5, 2007 to confirm the depth to the bedrock surface, as indicated from the soil boring program, and to collect waste characterization samples as necessary to obtain final approval at the identified disposal facility for the acceptance of all overburden soils.

Waste characterization sampling consisted of the collection of grab and composite samples from the test pit soil piles at the frequency required by the selected disposal facility's waste acceptance criteria (WAC). Collected soil samples for characterization were placed in pre-cleaned laboratory supplied glassware, and placed in a cooler packed with ice for transport to the laboratory. Analysis of the waste characterization samples was provided by American Analytical Laboratories, of Farmingdale, New York, a New York State certified environmental laboratory (NYSDOH ID #11418). As required by the selected disposal facility (Clean Earth of Carteret), waste characterization sample analysis for overburden soil consisted of the following:

Analysis	**Method**	**Frequency**
Total Petroleum Hydrocarbons (TPH)	EPA Method 8015	1 every 100 cubic yards
Volatile Organic Compounds (VOCs)	EPA Method 8260	1 every 800 cubic yards
Polynuclear Aromatic Hydrocarbons (PAHs)	EPA Method 8270	1 every 800 cubic yards
Total Metals	EPA Method 1311 / 6010	1 every 800 cubic yards
TCLP Metals	EPA Method 6010	1 per site
Paint Filter	EPA Method 9095	1 per site
PCBs	EPA Method 8082	1 per site

The waste characterization profile form and analytical reports are provided in **Appendix I**.

2.7.4 Excavation and Disposal of Bedrock

Following the removal of overburden soils in the southern half of the property, work began on excavation of bedrock for construction of the basement level garage area. This work began on January 10, 2008 by chipping through the bedrock surface with a hydraulic demolition hammer attached to the track excavator.

Excavated bedrock was shipped from the site to the Tilcon NY, Inc. Quarry in Millington, NJ. The facility recycles the material for use in a variety of products such as railroad ballast, aggregate for concrete, etc. A field technician observed the excavation process and screened the work area visual or olfactory indications of petroleum contamination. Contaminated zones were identified along several fracture plains within central area of the site in the vicinity of the former north dispenser pad. Petroleum contaminated bedrock, as determined through screening, was stockpiled separately and shipped to the Clean Earth facility along with the remainder of overburden soil. A total of 6,875 cubic yards of uncontaminated bedrock was shipped to the Tilcon facility from January 30, 2008 through May 12, 2008. Copies of the transport tickets are provided in **Appendix J**.

2.7.4.1 Bedrock Sampling and Analysis

In concurrence with the DEC PM, samples of the bedrock were collected at three locations across the site (**Figure 13**) and submitted to Chemtech Laboratories for analysis of VOCs, SVOCs, Pest/PCBs and TAL metals. The results when compared to the Part 375-6.3 unrestricted use standards identified exceedances for three metals in 2 of the samples as follows:

Zinc - Bnorth sample 229 mg/kg
Nickel - Bcentral sample 46.5 mg/kg
Chromium Bcentral sample 43.1 mg/kg

Based on the historic use of the site and the nature of the samples, which represented fresh samples of pulverized rock, EBC concluded that the elevated metals were representative of the uncontaminated bedrock chemistry. EBC forwarded the analytical results to the DEC on January 24, 2008 and requested approval to ship uncontaminated bedrock material to the Tilcon facility (see **Appendix K**). EBC received verbal approval from the DEC PM on January 25, 2008. The locations of the bedrock samples

2.7.4.2 Excavation Dewatering

In general, the final depth of the excavation did not extend to the groundwater surface at approximately 15 feet below grade, though groundwater was encountered in several over-excavated areas in the southern end of the property. In addition, heavy rains, snowfall and run-off resulted in the

accumulation of 6 inches to 2 feet of standing water within the partially excavated basement area requiring dewatering.

A sewer discharge permit was filed with the New York City Department of Environmental Protection (NYCDEP) on January 27, 2008 to allow the discharge of up to 9,900 gallons per day into the combined sewer manhole located within the fenced area of the site along White Plains Road. The permit was approved by the NYCDEP on March 12, 2008. Dewatering operations consisted of pumping water out of the excavation with a small centrifugal pump located at the surface, through two 200 pound activated carbon drums connected in parallel, and into the open sewer manhole within the fenced area of the property. It took approximately 1 week to remove the accumulated water from the excavation. Dewatering of the excavation continued on an as-needed basis from late March through the end of April. A copy of the sewer discharge permit, permit application package and treatment system design specifications is provided in **Appendix L**.

2.7.5 Final Excavation Dimensions

On May 5, 2008, a survey team from Carman-Dunne, PC re-surveyed the site. The results of the survey were used to prepare a 1 foot contour interval map of the site and an excavation volume report. Based on comparison to the January 4, 2007 survey, Carman-Dunne calculated the cut volume as 7,824.68 cubic yards. The final contour map survey and excavation volume report prepared by Carman Dunne is presented as **Figure 14**.

2.7.6 Import of Backfill

Approximately 868 cubic yards (1,302 tons) of virgin mined stone dust and ¾ inch gravel material was imported to the Site for backfill and underlayment. This material was obtained from Tilcon Inc. Mt. Hope Quarry located at 625 Mt Hope Road in Morris County New Jersey and was defined as virgin-mined gneiss. The final fill survey and volume report prepared by Carman Dunne is presented as **Figure 15**.

2.7.7 Chemical Oxidant Treatment Program

Twelve oxidant injection points were initially installed throughout the basement level parking garage area on June 21, 22, 28 and 29, 2008 to target affected groundwater as defined by the results of the

Remedial Investigation. The injection points were constructed of 1 inch pvc with a 5 foot 0.020 screened section installed within a 2-inch borehole cored into the bedrock, approximately five-feet below the water table. A No. 2 morie gravel pack was placed around the screen to a depth of approximately 1 foot above the screen followed by a 1 foot hydrated bentonite pellet seal. The injection wells were initially protected with a 4 inch pvc sleeve to protect the well during construction activity within the basement.

Oxidant injections were performed on two occasions; initially on July 20, 2008 and again on September 14, 2008. Based on the results of performance monitoring following the initial injection, three additional injection wells were installed at the site on September 13, 2008, just prior to the second injection. The three new injection wells were located in the vicinity of the former north dispenser pad, adjacent to the elevator shaft in the new building. The purpose of these additional injection points was to target a high concentration area of VOC affected groundwater in the vicinity of monitoring well IRM-7. **Figure 16** shows the location of oxidant injection wells and IRM performance monitoring wells

The oxidant injections consisted of a sodium persulfate a chelated iron activator. Both components were delivered to the site as a dry powder and mixed then with water on-site to create a 15 to 20 percent solution. The activator was added at a ratio of 9 lbs of FeEDTA powder to each 55 lb bag of sodium persulfate. The injections consisted of approximately 100 gallons of solution per injection point. The initial injection consisted of a single application of 100 gallons of solution in each of the twelve injection points. The second injection included the single injections in each of the original twelve injection points plus the three new points installed near the elevator shaft. Well completion reports for IRM performance monitoring wells and chemical injection wells (typical) are provided in **Appendix M**.

2.7.7.1 Performance Monitoring Program

Six IRM performance monitoring wells (IRM1-IRM6) were installed in the basement area of the excavation on May 24, 25 and 26, 2008 to monitor and direct the oxidant injection program. The monitoring wells were installed by coring a 2-inch borehole into the bedrock, approximately five-feet below the water table. The wells were constructed of 1 inch pvc with a 7-foot 0.010 screened section

able with a No. 00 morie gravel pack placed around the screen to a depth of approximately 1 foot above the screen followed by a 1 foot hydrated bentonite pellet seal. The monitoring wells were initially protected with a 4 inch pvc sleeve to protect the well during construction activity within the basement.

In addition to the six basement wells, two monitoring wells (IWM8, IRM9) were installed within the retail area of the new building on June 11, 2008. Due to the required drilling depth through bedrock (20 ft) these wells were installed within a 6 inch borehole advanced using the air rotary drilling method. The wells were constructed of 2 inch pvc casing with a 10 foot 0.10 screened section set approximately 5 feet below the water table. The wells were completed with a No. 00 morie gravel pack paced to a depth of approximately 5 feet above the screen followed by a hydrated bentonite seal. The wells were protected with an 8-inch bolt down manhole cover. A third well (IRM-7) was installed on August 2, 2008 using the rock coring method. Consequently, well IRM-7 was constructed in the same manner and using the same materials as those of the basement wells IRM-1 through IRM-6. The locations of the performance monitoring wells are shown in **Figure 16**.

Groundwater samples were obtained from wells IRM-1 through IRM-6 on May 27, 2008. Wells IRM-8 and IRM-9 were sampled on July 17, 2008 following installation. This initial round of sampling was performed to establish baseline conditions prior to initiating the oxidant injection program. A second round of sampling was performed on August 8, 2008 following the installation of IRM-7 and after the initial oxidant injection on July 10, 2008. Samples from both rounds were collected in pre-cleaned laboratory supplied glassware, stored in a cooler with ice and submitted to Chemtech Laboratories, Inc. (Chemtech) of Mountainside, NJ, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11376).

The results of the base line sampling on May 27, as summarized in **Table 6** and **Figure 17**, indicated that moderate concentrations (2,000 to 6,000 ug/L) of VOCs were present in wells IRM-3 and IRM-5 in the vicinity of the former south and north dispenser pads and in well IRM-1 near the south property line. The second round of sampling on August 8, 2008, which was after the initial oxidant application, showed a significant reduction in VOC concentrations in wells IRM-1, IRM-3 and IRM-5. IRM-7, which was sampled for the first time, had high concentrations of total VOCs (14,310 ug/L). Results

from the second IRM performance sampling round are summarized in **Table 7** and posted on **Figure 18**. Based on these results, three additional injection wells were installed to address the southern portion of the retail area and a second oxidant injection was performed on September 14, 2008.

A third performance sampling round was performed on October 3, 2008. The results from this round are summarized in **Table 8** and posted on **Figure 19**.

A summary table of all three sampling rounds is provided in **Table 9**. A composite figure showing th posted results from all performance sampling rounds is provided as **Figure 20**. Laboratory reports for the three performance sampling rounds are provided in **Appendix N**.

2.7.8 Health and Safety Plan

Interim Remedial Measures at the site were performed under a Health and Safety Plan (HASP) prepared to identify and account for hazards specific to the site so that remediation workers could avoid and, if necessary, protect against, health and/or safety hazards. The HASP prepared for the remedial actions at this site was prepared as a stand-alone document and submitted to DEC in August 2007.

The HASP included on-site health and safety monitoring to protect remedial workers and others entering the site and to also monitor for potential vapor impacts to the surrounding community. Health and safety monitoring included periodic air monitoring for the presence of volatile organic compounds (VOCs), visual assessment of airborne dust and dust particulate readings when appropriate.

In accordance with the HASP, monitoring for VOCs in the breathing zone and at the site perimeter was conducted with a photo-ionization detector a minimum of once per hour during excavation and / or loading of affected soil.

No exceedances in VOC detections were reported during the excavation work, however, nuisance odors were noted frequently during excavation and loading of contaminated soil. No complaints were reported by area residents or businesses during implementation of the IRM.

2.8 REMEDIAL ACTION OBJECTIVES

Based on the results of the Remedial Investigation, the following Remedial Action Objectives (RAOs) have been identified for this Site.

2.8.1 Groundwater RAOs

RAOs for Public Health Protection

- Prevent ingestion of groundwater containing contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles emanating from contaminated groundwater.

RAOs for Environmental Protection

- Restore ground water aquifer, to the extent practicable, to pre-disposal/pre-release conditions.
- Prevent the discharge of contaminants to surface water.
- Remove the source of ground or surface water contamination.

2.8.2 Soil RAOs

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of, or exposure to, contaminants volatilizing from contaminated soil.
- RAOs for Environmental Protection
- Prevent migration of contaminants that would result in groundwater or surface water contamination.
- Prevent impacts to biota due to ingestion/direct contact with contaminated soil that would cause toxicity or bioaccumulation through the terrestrial food chain.

3.0 DESCRIPTION OF APPROVED REMEDIAL ACTION PLAN

The Site was remediated in accordance with the scope of work presented in the NYSDEC-approved Remedial Action Work Plan dated December 2008 and IRM Work Plan dated November 2007. The factors considered during the analysis of remedial alternatives included:

- Protection of human health and the environment;

- Compliance with standards, criteria, and guidelines (SCGs);
- Short-term effectiveness and impacts;
- Long-term effectiveness and permanence;
- Reduction of toxicity, mobility, or volume of contaminated material;
- Implementability;
- Cost effectiveness;
- Community Acceptance; and
- Land use.

A criterion for remedy selection is evaluation for conformance with SCGs that are applicable, relevant and appropriate. Principal SCGs that are applicable, relevant and appropriate for evaluating the alternatives for remediation of this BCP site include the following:

- 6 NYCRR Part 375-6 Soil Cleanup Objectives
- New York State Groundwater Quality Standards – 6 NYCRR Part 703;
- NYSDEC Ambient Water Quality Standards and Guidance Values – TOGS 1.1.1;
- NYSDEC Draft DER-10 Technical Guidance for Site Investigation and Remediation - December 2002 (or later version if available);
- NYSDEC Draft Brownfield Cleanup Program Guide – May 2004;
- New York State Department of Health (NYSDOH) Generic Community Air Monitoring Plan
- NYS Waste Transporter Permits – 6 NYCRR Part 364;
- NYS Solid Waste Management Requirements – 6 NYCRR Part 360 and Part 364.

Conformance with the appropriate standards for remediation of contaminated soil is an important criterion in evaluating the remedial alternatives for the BCP site. Presently, in New York State 6 NYCRR Part 375 establishes the primary SCGs associated with remediation of contaminated soil at sites which are in the BCP. If proposing remediation pursuant to a Track other than Track 1 (Unrestricted Use), 6 NYCRR Part 375 requires evaluation of at least one remedial alternative pursuant to Track I (Unrestricted Use) and one other alternative developed by the applicant for the proposed use of the BCP site.

3.1 SUMMARY OF PROPOSED REMEDIAL ACTION

Below is a description of the proposed Remedial Actions required by the NYSDEC-approved Remedial Action Work Plan. The Remedial Actions completed at the site included the following elements:

1. Chemical Inventory and Hydraulic Lift Removal. Prior to the demolition of the building, an interior inspection will be performed to determine the status of chemical inventory and hydraulic lifting equipment. If present, the hydraulic system reservoir tank will be emptied and the system will be dismantled and removed from the site. Petroleum products, and automotive chemicals, if present, will be removed from the site by a licensed Hazardous Waste Transport contractor and properly disposed of (or recycled) as non-hazardous or hazardous materials;
2. Investigation and removal of drainage structures, surface drains and related piping which included removal of subsurface piping related to the underground storage tank system;
3. Excavation of all overburden soil to the bedrock surface to the property line. All excavated soil will be transported and disposed of in accordance with all local, State and Federal laws and requirements. All exported material will be taken to facilities licensed to accept this material in full compliance with all Federal, State and local laws;
4. Screening for indications of contamination (by visual means, odor, and monitoring with PID) of all excavated soil during intrusive Site work;
5. Excavation of bedrock for construction of a basement level parking garage. Non-contaminated bedrock material was sent to a recycling facility in full compliance with all Federal, State and local laws;
6. Appropriate off-Site disposal of all material removed from the Site in accordance with all Federal, State and local rules and regulations for handling, transport, and disposal;
7. Collection and analysis of end-point samples to evaluate the performance of the remedy with respect to attainment of Track 1 SCOs;
8. Importation of materials used for backfill in compliance in compliance with a) Part 375-6.7 and b) all federal, state and local rules and regulations for handling and transport of materials;
9. The removal of LPH from monitoring wells using VEFR recovery. This program will continue under the SMP;

10. The injection of a chemical oxidant solution to remediate the contaminated groundwater beneath the site. Chemical oxidants were injected throughout the site through pvc injection points installed into the bedrock. This program will continue under the SMP;
11. The BCP site will be covered by a building which includes an unoccupied area (subgrade parking garage) and an occupied area (at grade retail). The occupied area has been constructed with a vapor barrier and sub-slab depressurization system beneath the slab. The unoccupied garage area will be ventilated with a mechanical system to meet the requirements of the NYC Building Code. Activation of the SSDS will be initiated prior to building occupation. The specifications for SSDS start-up testing are detailed in this SMP;
12. All responsibilities associated with the remedy, including permitting requirements and pretreatment requirements, were addressed in accordance with all applicable Federal, State and local rules and regulations.
13. Remedial activities were performed at the Site in accordance with the NYSDEC-approved RAWP, IRM WP, Health and Safety Plan and Community Air Monitoring Plan.
14. If Track 1 is not achieved by the remedy, the recording of an Environmental Easement including institutional controls to prevent future exposure to any remaining residual contamination: and
15. Publication of a Site Management Plan for long term management of residual contamination as required by the Environmental Easement.

Items 1-7 were previously completed under an IRM. Items 8 and 9 were initiated under the IRM and/or RAWP and will continue under the Site Management Plan (SMP). The continuation of remedial activities will be performed at the Site in accordance with the NYSDEC-approved Site Management Plan (SMP). All deviations from the SMP will be promptly reported to NYSDEC for approval and fully explained in the Final Site Management Report.

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved RAWP for the Former Dico G Auto and Truck Repair Site (December, 2008) and the NYSDEC Approved IRMWP (November, 2007). The approved RAWP is included in **Appendix A**. All deviations from the RAWP are noted below.

4.1 GOVERNING DOCUMENTS

Governing documents and procedures included in the Remedial Work Plan include a Site-specific Health and Safety Plan (HASP), a Community Air Monitoring Plan (CAMP), a Citizen Participation Plan, a Soil Management Plan (SoMP) analytical quality assurance/quality control (QA/QC), fluid management procedures, a Storm Water Pollution Prevention Plan SWPPP, and contractors' site operations and quality control procedures. Highlights of these documents and procedures are provided in the following sections.

4.1.1 Site Specific Health & Safety Plan (HASP)

All remedial work performed under this Remedial Action was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal OSHA. The Health and Safety Plan (HASP) was complied with for all remedial and invasive work performed at the Site. The Site Safety Coordinator was Kevin Brussee. A resume is included in **Appendix O**

4.1.2 Quality Assurance Project Plan (QAPP)

This document governed sampling and analytical methods for end-point sampling.

4.1.3 Construction Quality Assurance Plan (CQAP)

All construction work related to the remedy (i.e. soil excavation) was previously completed under an IRM. Monitoring during soil excavation was performed to protect the health of site workers and the surrounding community. A Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) were previously developed for this project. These plans specify the monitoring procedures, action levels, and contingency measures that are required to protect public health. Generally, air monitoring during excavation consisted of real-time measurement of volatile emissions and dust levels.

All intrusive and soil disturbance activities were monitored by an EBC representative who recorded observations in the site field book and kept a photographic log of the daily activities. The installation of chemical oxidant injection wells and oxidant injections was performed under the supervision of EBC personnel under the direction of the Remediation Engineer. Additional oxidant objections will be performed under the same level of oversight. EBC's field representative provided daily updates to the Project Manager and Remediation Engineer who both made periodic visits to the site as needed to assure construction quality.

4.1.4 Soil/Materials Management Plan (SoMP)

A soil materials management plan was previously developed under the IRM for excavation, handling, storage, transport and disposal of all soils/materials that were disturbed at the Site. This document provided detailed plans for managing all soils/materials that were disturbed at the Site, including excavation, handling, storage, transport and disposal. It also included all of the controls that were applied to these efforts to assure effective, nuisance free performance in compliance with all applicable Federal, State and local laws and regulations.

4.1.5 Storm-Water Pollution Prevention Plan (SWPPP)

This document addressed requirements of New York State Storm-Water Management Regulations including physical methods to control and/or divert surface water flows and to limit the potential for erosion and migration of Site soils, via wind or water.

The erosion and sediment controls for all remedial construction were performed in conformance with requirements presented in the New York State Guidelines for Urban Erosion and Sediment Control. Typical measures that were utilized at various stages of the project to limit the potential for erosion and migration of soil included the use of temporary stabilized construction entrances/exits and dust control measures.

4.1.6 Community Air Monitoring Plan (CAMP)

The Community Air Monitoring Plan (CAMP) provides measures for protection for on-site workers and the downwind community (i.e., off-site receptors including residences, businesses, and on-site

workers not directly involved in the remedial work) from potential airborne contaminant releases resulting from remedial activities.

The action levels specified require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that the remedial work did not spread contamination off-site through the air. The primary concerns for this site are vapors, nuisance odors and dust particulates

4.1.7 Contractors Site Operations Plan (SOP)

The Remediation Engineer reviewed all plans and submittals for this remedial project (i.e. those listed above plus contractor and sub-contractor document submittals) and confirmed that they were in compliance with the RAWP. The Remediation Engineer ensured that all documents submitted for this remedial project after the RAWP were approved, including contractor and sub-contractor document submittals, were in compliance with the RAWP. All remedial documents were submitted to NYSDEC and NYSDOH in a timely manner and prior to the start of work.

4.1.8 Community Participation Plan

A certification of mailing will be sent by Bedford Park Associates, LLC, Adee & Lester, LP and 3035 White Plains Retail, LLC to the NYSDEC project manager following the distribution of all remaining Fact Sheets and notices that includes: (1) certification that the Fact Sheets were mailed; (2) the date they were mailed; (3) a copy of the Fact Sheet; (4) a list of recipients (contact list); and (5) a statement that the repository was inspected on (date) and that it contained all of applicable project documents.

No changes were made to approved Fact Sheets authorized for release by NYSDEC without written consent of the NYSDEC. The approved Community Participation Plan for this project is attached in **Appendix P**.

Document repositories have been established at the following locations for the duration of the project and contain all applicable project documents:

New York Public Library
Allerton Branch
2740 Barnes Avenue
Bronx, NY 10467
(718) 881-4240

Hours:

Mon. 10 am to 6 pm
Tues. 12 pm to 7 pm
Weds. 10 am to 6 pm
Fri. 1 pm to 6 pm
Sat. 10 am to 6 pm

4.2 REMEDIAL PROGRAM ELEMENTS

4.2.1 Involved Parties

Excavation of the site was performed by MAXX Construction under contract to Coastal Builders Corporation, the construction division of the developer. Environmental Business Consultants is the Environmental Consultant for the project. The Remedial Engineer for the project is Mr. Ariel Czemerinski, P.E.

4.2.2 Site Preparation

Site preparation began in September 2007 with the removal of derelict cars, trucks and other equipment from the site. This was followed by the removal of the remaining automotive chemical inventory, 275 gallon fuel oil tank and hydraulic lift system on September 14, 2007, by American Environmental Assessment (AEA) of Wyandanch, NY. Asbestos roofing materials were removed from the station building in October, 2007 followed by building demolition and removal of the asphalt cap at the site. Mobilization of excavating equipment to the site took place in the final week of November, 2007.

Mobilization for the chemical oxidant groundwater treatment program consisted of the delivery of chemical oxidants to the site in 54 lb bags. This material was stored on site on a wooden pallet and securely covered with a protective tarp. Mixing and pumping equipment was mobilized for each day of oxidant injection and removed from the site at the end of the day.

A pre-construction meeting was held with NYSDEC and all contractors on November 26, 2007. A complete list of agency approvals required by the RAWP is included in **Appendix Q**. This list includes a citation of the law, statute or code to be complied with, the originating agency, and a contact name and phone number in that agency. This will be updated in the Final Remediation Report. All SEQRA requirements and all substantive compliance requirements for attainment of applicable natural resource or other permits were achieved during this Remedial Action. A NYSDEC project sign was erected at the project entrance and in place during all phases of the Remedial Action.

4.2.3 General Site Controls

The site was completely surrounded by a chain link fence during implementation or remedial activity to restrict access by the public. The fence was properly secured at the end of the day.

A single construction entrance was used during the excavation of contaminated and overburden soils. The construction entrance and loading area were stabilized with crushed stone, as necessary, to provide a safe egress and ingress to the Site. Trucks and equipment leaving the site were “dry” decontaminated using a broom and/or brushes by two dedicated construction laborers. The street in front of the construction entrance was periodically inspected and swept during the removal of overburden soils.

Erosion control inspections were performed regularly to assure that surface rub-off was not leaving the site. The method of excavation directed all run-off into the excavation where it was pumped into the NYC combined sewer system under a NYCDEP sewer discharge permit.

4.2.4 Nuisance controls

During loading and off-site transport of overburden soil, trucks were staged along the White Plains Road commercial corridor to avoid disturbing residents on side streets. Dust was minimal due to the time of year in which the majority of the excavation work was performed. Visible dust was observed and recorded by the site safety officer and checked with a personal dust monitor when appropriate to assure compliance with the action levels established in the Health and Safety Plan. No complaints by residents or business owners were reported for nuisance odors, dust or noise.

4.2.5 CAMP results

No exceedances in VOC detections were reported during the excavation work, however, nuisance odors were noted frequently during excavation and loading of contaminated soil. No complaints were reported by area residents or businesses during implementation of the IRM. Copies of the air monitoring reports are provided in **Appendix R**.

4.2.6 Reporting

All daily and monthly reports are included in **Appendix S**. The digital photo log required by the RAWP is included in **Appendix T**.

4.3 CONTAMINATED MATERIALS REMOVAL

The IRM approved and implemented for the site included the removal and proper disposal of all overburden soil to the bedrock surface followed by injections of a chemical oxidant solution at specified locations throughout the site as may be needed to remediate groundwater. The excavation of overburden soil began on December 6, 2007 and was largely completed by April 8, 2008. Oxidant injections were performed on two occasions July 20, 2008 and on September 14, 2008. Although significant improvements have been achieved in groundwater quality in response to the oxidant treatment, further treatment is warranted.

A list of the Track 1SCOs for this project is shown in **Table 1**. A map of the location of original sources is shown in **Figure 11**. Contour maps of estimated cut and fill thicknesses for remedial activities at the Site is included as **Figures 14 and 15**.

4.3.1 Excavation and Disposal of Overburden Soil

All overburden soil was removed from the Site in accordance with the procedures outlined under the approved IRM Work Plan (EBC 10/07). The excavation of overburden soil began on December 6, 2007 and continued through December 12, 2007 within the south and southeastern areas of the property. Excavation was then suspended until January 2, 2008, to allow shoring along the western property line to progress. The majority of the soil excavation was completed during the month of January though small (1 or 2 day) shipment events continued each month through June 5, 2008. Overburden soil varied in thickness from 2-4 feet in the northern half of the site and along the east

central area of the site, to 8-12 feet in the southern half of the site. Soil excavation was performed with two track-mounted bucket excavators and loaded directly on to 10-wheel dump trucks provided by the disposal facility. In accordance with the approved IRM Work Plan, a gravel road was constructed and maintained, as needed, to the edge of the excavation / load-out area to minimize dust generation and the off-site tracking of site soil. Two laborers inspected and brushed off the wheels and undercarriage of each truck before it exited the site and periodically swept the street and the site ingress / egress.

All excavated soil was disposed of as non-hazardous waste at permitted disposal facilities operated by Clean Earth incorporated. The majority of soil was taken to the Clean Earth of Carteret facility (CEC) located in Carteret, NJ. The CEC facility (ID# 13231) is a Class B Recycling Center operating under permit No. CBG060003 (expiration date 3/7/12) issued by the New Jersey Department of Environmental Protection (NJDEP). Approximately 25 loads were shipped to the Clean Earth of Southeastern Pennsylvania facility (CESP) located in Morristown, PA. The CESP facility is solid waste processing facility operating under permit No. 301254 (expiration date 1/19/17) issued by the Pennsylvania Department of Environmental Protection (PADEP).

A total of 10,537.98 tons of non-hazardous overburden soil was shipped to the Clean Earth facilities for disposal. The Soil Cleanup Objectives for this Site are listed in **Table 1**. A contour map showing the thickness of all cuts is included in **Figure 14**.

Approximately 868 cubic yards (1,302 tons) of virgin mined stone dust and ¾ inch gravel material was imported to the Site for backfill and underlayment. This material was obtained from Tilcon Inc. Mt. Hope Quarry located at 625 Mt Hope Road in Morris County New Jersey and was defined as virgin-mined gneiss. The final fill survey and volume report prepared by Carman Dunne is presented as **Figure 15**.

4.3.1.1 Disposal Details

All excavated soil was disposed of as non-hazardous waste at permitted disposal facilities operated by Clean Earth incorporated. The majority of soil was taken to the Clean Earth of Carteret facility (CEC) located in Carteret, NJ. The CEC facility (ID# 13231) is a Class B Recycling Center operating under permit No. CBG060003 (expiration date 3/7/12) issued by the New Jersey Department of

Environmental Protection (NJDEP). Approximately 25 loads were shipped to the Clean Earth of Southeastern Pennsylvania facility (CESP) located in Morristown, PA. The CESP facility is solid waste processing facility operating under permit No. 301254 (expiration date 1/19/17) issued by the Pennsylvania Department of Environmental Protection (PADEP).

A total of 10,537.98 tons of non-hazardous overburden soil was shipped to the Clean Earth facilities for disposal. Copies of the non-hazardous disposal manifests are provided in **Appendix H**. Letters from Applicants to disposal facility owners and acceptance letters from disposal facility owners are attached in **Appendix G**. **Table 10** shows the total quantities of each class of material removed from the Site and the disposal locations.

4.3.2 Excavation and Disposal of Bedrock

Following the removal of overburden soils in the southern half of the property, work began on excavation of bedrock for construction of the basement level garage area. This work began on January 10, 2008 by chipping through the bedrock surface with a hydraulic demolition hammer attached to the track excavator.

Excavated bedrock was shipped from the site to the Tilcon NY, Inc. Quarry in Millington, NJ. The facility recycles the material for use in a variety of products such as railroad ballast, aggregate for concrete, etc. A field technician observed the excavation process and screened the work area visual or olfactory indications of petroleum contamination. Contaminated zones were identified along several fracture plains within central area of the site in the vicinity of the former north dispenser pad. Petroleum contaminated bedrock, as determined through screening, was stockpiled separately and shipped to the Clean Earth facility along with the remainder of overburden soil.

In concurrence with the DEC PM, samples of the uncontaminated bedrock were collected at three locations across the site (**Figure 13**) and submitted to Chemtech Laboratories for analysis of VOCs, SVOCs, Pest/PCBs and TAL metals. The results when compared to the Part 375-6.3 unrestricted use standards identified minor exceedances for three metals which were considered representative of the uncontaminated bedrock chemistry. EBC forwarded the analytical results to the DEC on January 24,

2008 and requested approval to ship uncontaminated bedrock material to the Tilcon facility (see **Appendix K**). EBC received verbal approval from the DEC PM on January 25, 2008.

4.3.2.1 Disposal Details

A total of 6,875 cubic yards of uncontaminated bedrock was shipped to the Tilcon facility from January 30, 2008 through May 12, 2008. Copies of the transport tickets are provided in **Appendix J**.

4.3.3 Excavation Dewatering

In general, the final depth of the excavation did not extend to the groundwater surface at approximately 15 feet below grade, though groundwater was encountered in several over-excavated areas in the southern end of the property. In addition, heavy rains, snowfall and run-off resulted in the accumulation of 6 inches to 2 feet of standing water within the partially excavated basement area requiring dewatering.

4.3.3.1 Disposal Details

A sewer discharge permit was filed with the New York City Department of Environmental Protection (NYCDEP) on January 27, 2008 to allow the discharge of up to 9,900 gallons per day into the combined sewer manhole located within the fenced area of the site along White Plains Road. The permit was approved by the NYCDEP on March 12, 2008. Dewatering operations consisted of pumping water out of the excavation with a small centrifugal pump located at the surface, through two 200 pound activated carbon drums connected in parallel, and into the open sewer manhole within the fenced area of the property. It took approximately 1 week to remove the accumulated water from the excavation. Dewatering of the excavation continued on an as-needed basis from late March through the end of April. A copy of the sewer discharge permit, permit application package and treatment system design specifications is provided in **Appendix L**.

4.4 LPH RECOVERY PROGRAM

LPH recovery was initiated in MW8 by daily hand bailing during the Remedial Investigation. Approximately 9.5 inches of weathered gasoline was present in well MW8 on 11/2/07. The gasoline was removed by hand bailing which was repeated on a weekly basis through 1/10/08 when the wells were lost due to excavation activity. Removed gasoline was stored on-site in a 55 gallon drum.

Following the initial removal, only minor amounts (<0.1 ft) of free phase gasoline were reported in MW8. In an attempt to delineate the free-phase gasoline found in MW8, four additional monitoring wells (MW13-MW16) were installed around MW8 on 11/9/07. These wells were also checked on a weekly basis through 1/10/08 with no free phase gasoline reported.

LPH was also discovered following the completion of excavation activity, in well IRM-W7 which was installed with eight other wells to monitor the chemical oxidant treatment program. On 10/3/08, 0.15 feet of LPH was measured in well IRM-W7. LPH removal was initiated in IRM-W7 on 12/16/08 using vacuum enhanced fluid recovery (VEFR). The 6-hour VEFR event was accomplished using a vacuum tanker truck equipped with a 3 foot section of clear, 2- inch diameter, pvc pipe. The 2-inch pvc section was connected to a 1 inch diameter pvc "stinger" pipe using a 2 inch by 1 inch "fernco" reducer. The stinger was initially set 2 feet below the water table. When fluid recovery ceased after the first 5 hours, the stinger was reset approximately 1 foot lower for the final hour of recovery. Approximately 900 gallons of VOC contaminated water were recovered from the well during the event. LPH was not present in the well during follow-up gauging both immediately after the event and the following day.

VEFR events will continue as needed, under the SMP, to remove any remaining LPH. Hand bailing may be used to supplement VEFR recovery between recovery events. The decision to perform VEFR events will be based on monitoring results and will be made in concurrence with the NYSDEC project manager. Details regarding future VEFR events are provided in section 2.2.1.2 of the SMP.

4.5 CHEMICAL OXIDANT TREATMENT PROGRAM

Twelve oxidant injection points were installed throughout the basement level parking garage area on June 21, 22, 28 and 29, 2008, to target affected groundwater as defined by the results of the Remedial Investigation. The injection points were constructed of 1 inch pvc with a 5 foot 0.020 screened section installed within a 2-inch borehole cored into the bedrock, approximately five-feet below the water table. A No. 2 morie gravel pack was placed around the screen to a depth of approximately 1 foot above the screen followed by a 1 foot hydrated bentonite pellet seal. The injection wells were initially protected with a 4 inch pvc sleeve to protect the well during construction activity within the basement. Oxidant injections were performed on two occasions; initially on July 20, 2008 and again on September 14, 2008. Based on the results of performance monitoring following the initial injection,

three additional injection wells were installed at the site on September 13, 2008, just prior to the second injection. The three new injection wells were located in the vicinity of the former north dispenser pad, adjacent to the elevator shaft in the new building. The purpose of these additional injection points was to target a high concentration area of VOC affected groundwater in the vicinity of monitoring well IRM-7. See **Figure 16** for locations of the injection points.

The oxidant injections consisted of a sodium persulfate a chelated iron activator. Both components were delivered to the site as a dry powder and mixed then with water on-site to create a 15 to 20 percent solution. The activator was added at a ratio of 9 lbs of FeEDTA powder to each 55 lb bag of sodium persulfate. The injections consisted of approximately 100 gallons of solution per injection point. The initial injection consisted of a single application of 100 gallons of solution in each of the twelve injection points. The second injection included the single injections in each of the original twelve injection points plus the three new points installed near the elevator shaft. Well completion reports for IRM performance monitoring wells and chemical injection wells (typical) are provided in **Appendix M**.

Chemical oxidants were also injected in wells IRM-W7, IRM-W10, IRM-W12 and IRM-W13 following VEFR events in December 2008.

4.6 REMEDIAL PERFORMANCE SAMPLE RESULTS

Six IRM performance monitoring wells (IRM1-IRM6) were installed in the basement area of the excavation on May 24, 25 and 26, 2008 to monitor and direct the oxidant injection program. The monitoring wells were installed by coring a 2-inch borehole into the bedrock, approximately five-feet below the water table. The wells were constructed of 1 inch pvc with a 7-foot 0.010 screened section able with a No. 00 morie gravel pack placed around the screen to a depth of approximately 1 foot above the screen followed by a 1 foot hydrated bentonite pellet seal. The monitoring wells were initially protected with a 4 inch pvc sleeve to protect the well during construction activity within the basement.

In addition to the six basement wells, two monitoring wells (IWM8, IRM9) were installed within the retail area of the new building on June 11, 2008. Due to the required drilling depth through bedrock

(20 ft) these wells were installed within a 6 inch borehole advanced using the air rotary drilling method. The wells were constructed of 2 inch pvc casing with a 10 foot 0.10 screened section set approximately 5 feet below the water table. The wells were completed with a No. 00 morie gravel pack paced to a depth of approximately 5 feet above the screen followed by a hydrated bentonite seal. The wells were protected with an 8-inch bolt down manhole cover. A third well (IRM-7) was installed on August 2, 2008 using the rock coring method. Consequently, well IRM-7 was constructed in the same manner and using the same materials as those of the basement wells IRM-1 through IRM-6. On October 3, 2008, 0.15 feet of liquid phase hydrocarbons (LPH) were reported in IRM-W7. In an effort to delineate the LPH, three additional wells (IRM-W10, 11 and 12) were installed at the site on December 20, 21, and 23, 2008. IRM-W13 was also installed at this time to replace MW-8 and assess the presence of LPH. The locations of the performance monitoring wells are shown in **Figure 16**. This figure includes the proposed location of two replacement wells for IRM-W8 and IRM-W9 should these wells become inaccessible in the event that this space is leased after construction is completed in March, 2009.

Groundwater samples were obtained from wells IRM-1 through IRM-6 on May 27, 2008. Wells IRM-8 and IRM-9 were sampled on July 17, 2008 following installation. This initial round of sampling was performed to establish baseline conditions prior to initiating the oxidant injection program. A second round of sampling was performed on August 8, 2008 following the installation of IRM-7 and after the initial oxidant injection on July 10, 2008. Samples from both rounds were collected in pre-cleaned laboratory supplied glassware, stored in a cooler with ice and submitted to Chemtech Laboratories, Inc. (Chemtech) of Mountainside, NJ, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11376).

The results of the base line sampling on May 27, 2008, as summarized in **Table 6** and **Figure 17**, indicated that moderate concentrations (2,000 to 6,000 ug/L) of VOCs were present in wells IRM-3 and IRM-5 in the vicinity of the former south and north dispenser pads and in well IRM-1 near the south property line. The second round of sampling on August 8, 2008, which was after the initial oxidant application, showed a significant reduction in VOC concentrations in wells IRM-1, IRM-3 and IRM-5. IRM-7, which was sampled for the first time, had high concentrations of total VOCs (14,310 ug/L). Results from the second IRM performance sampling round are summarized in **Table 7** and

posted on **Figure 18**. Based on these results, three additional injection wells were installed to address the southern portion of the retail area and a second oxidant injection was performed on September 14, 2008.

A third performance sampling round was performed on October 3, 2008. The results from this round are summarized in **Table 8** and posted on **Figure 19**.

A tabular and map summary of all performance sampling is included in Table 9 and Figure 20, respectively, all exceedances of SCOs are highlighted. Laboratory reports for the three performance sampling rounds are provided in **Appendix N**.

The Data Usability Summary Report (DUSR) provides a thorough evaluation of analytical data without third party data validation. The primary objective of a DUSR is to determine whether or not the data, as presented, meets the site/project specific criteria for data quality and data use. Final post-remedial groundwater samples collected under the approved SMP will be reviewed and evaluated in accordance with the Guidance for the Development of Data Usability Summary Reports as presented in Appendix 2B of DER-10. The completed DUSR for Final post-remedial samples collected during implementation of this RAWP will be included in the Final Remediation Report.

4.7 MATERIAL IMPORTED FOR BACKFILL

Approximately 868 cubic yards (1,302 tons) of virgin mined stone dust and ¾ inch gravel material was imported to the Site for backfill and underlayment. This material was obtained from the Tilcon Inc. Mt. Hope Quarry located at 625 Mt Hope Road in Morris County New Jersey and was defined as virgin-mined gneiss.

4.8 RESIDUAL CONTAMINATION REMAINING ON-SITE

No residually contaminated soil remains at the site following the implementation of the IRM. Under the IRM all overburden soil at the site was removed to the bedrock surface. Bedrock was also removed within the parking garage area in accordance with the site development plan.

Since residual contaminated groundwater/soil vapor will remain beneath the Site after the remedy is complete, short-term (i.e., less than 5 years duration) Engineering and Institutional Controls (ECs and ICs) are required to protect human health and the environment. These ECs and ICs are described hereafter. Long-term management of EC/ICs and of residual contamination will be executed under a Site specific Site Management Plan (SMP) that has been developed and is included in this FER (**Appendix A**).

ECs will be implemented to protect public health and the environment by appropriately managing residual contamination. The Controlled Property (the Site) will have 3 short-term (<5ys) EC systems:

- A sub-slab depressurization system and vapor barrier beneath the occupied area of the new building;
- LPH recovery; and
- Chemical oxidant treatment.

4.9 ENGINEERING CONTROL SYSTEMS

4.9.1 Sub-slab Depressurization System (SSDS)

An active SSD system will be required beneath the completed retail section of the building to mitigate potential vapor intrusion, since improvement in groundwater quality is expected to occur at the site over time. An SSD system will not be required beneath the parking garage since this area will be ventilated to remove vehicle fumes in accordance with the NYC Building Code.

The SSD system and vapor barrier were designed and incorporated into the new building plans as a preventive measure for the retail space in the new building. Design details of the SSD system beneath the 11,000 square foot commercial area on the ground floor will consist of three separate zones. Each zone will provide coverage of up to 3,666 sf of slab area. This is consistent with USEPA sub-slab depressurization design specifications which recommend a separate vent loop for every 4,000 sf of slab area.

The horizontal vent line is constructed of a continuous loop of perforated 4-inch HDPE smooth interior pipe. In each zone the horizontal pipe will extend to an adjacent utility chase-way where it will be piped individually to the roof via a 6-inch schedule 40 pvc line. Fill material around the horizontal vent piping is virgin-mined, ½ inch to ¾ inch gravel. Each vertical vent line will be connected to a fan/blower located on the roof of the building. The layout of the sub-slab portions of the SSDS is illustrated in **Figure 21**. Detailed specifications of the SSD system are provided in **Appendix U**.

The SSD system will be operated and tested prior to placing the new building in service. The specifications for SSDS start-up testing are detailed in Section 3 of the SMP.

Procedures for operating and maintaining the SSD system and for performing LPH recovery and chemical oxidant injections are documented in the Operation and Maintenance Plan (Section 4 of the SMP). Procedures for monitoring the SSD system and the performance of LPH recovery and chemical oxidant treatments are included in the Monitoring Plan (Section 3 of the SMP). The Monitoring Plan also addresses severe condition inspections in the event that a severe condition occurs which may affect controls at the Site .

Operation of the SSD system will not be discontinued without written approval by NYSDEC and NYSDOH. A proposal to discontinue the active SSD system may be submitted by the property owner based on confirmatory data that justifies such request. Systems will remain in place and operational until permission to discontinue use is granted in writing by NYSDEC and NYSDOH.

4.9.2 LPH Recovery Program

LPH removal initiated under the RAWP, will continue on a monthly basis, as necessary, using vacuum enhanced fluid recovery (VEFR) events. VEFR events will be performed on a monthly basis on all monitoring wells which contain 0.5 inches (0.04 feet) or more of LPH. Each event will last from 4 to 6 hours and will be performed using a vacuum tanker truck equipped with a 1 inch diameter pvc "stinger" downpipe. The downpipe will be connected to the 2 inch well casing using a 2 inch by 1 inch "fernco" reducer. The stinger will initially be set no more than 2 feet below the water table. If fluid recovery ceases altogether, the downpipe will be re-set deeper in the well, as needed, to continue recovery.

Depth to water (DTW) and depth to product (DTP) readings will be recorded in a log book both before and after the VEFR event.

Procedures for operating and maintaining the LPH Recovery Program are documented in the Operation and Maintenance Plan in Section 4 of the Site Management Plan (SMP). The procedures for monitoring the program are included in Section 3, "Monitoring Plan" of the SMP.

VEFR events will continue as needed to remove any remaining LPH. Hand bailing may be used to supplement VEFR recovery between recovery events. The decision to perform VEFR events will be based on monitoring results and will be made in concurrence with the NYSDEC Project Manager. The LPH recovery program will not be discontinued without written approval from NYSDEC and NYSDOH.

4.9.3 Chemical Oxidant Treatment of Groundwater

Following excavation of soil down to the bedrock throughout the site and the excavation of bedrock to the final level in the parking garage area, a chemical oxidant injection program was initiated under the IRM to reduce VOC concentrations in groundwater. This program was supplemented under the RAWP and will continue as needed until remedial goals have been met.

This program consists of the injection of a chemical oxidant solution within the planned garage area and retail area as needed to address affected groundwater as identified during the Remedial Investigation. Chemical oxidant injection is intended to significantly reduce the VOCs in the high concentration areas, and thereby accelerate the improvements in groundwater quality.

Volume and density application rates have been based on the manufacturer's recommendations and the conditions of the site. Documentation for the chemical oxidation treatment program is presented in **Appendix V**.

Procedures for operating and maintaining the Chemical Oxidant Treatment Program are documented in the Operation and Maintenance Plan in Section 4 of the Site Management Plan (SMP). The procedures for monitoring the program are included in Section 3, "Monitoring Plan" of the SMP. The Monitoring

Plan also addresses inspection procedures that must occur after any severe weather condition has taken place that may affect on-Site ECs.

Chemical oxidant treatment will continue until a) VOC concentrations in groundwater are within ambient water quality standards or b) VOC concentrations in groundwater have become asymptotic over an extended period of time as mandated by NYSDEC and NYSDOH.

The chemical oxidant treatment program will not be discontinued without written approval from NYSDEC and NYSDOH.

4.10 INSTITUTIONAL CONTROLS

A series of Institutional Controls are required under the RAWP to: (1) implement, maintain and monitor Engineering Control systems; (2) prevent future exposure to residual contamination by controlling disturbances of the subsurface contamination; and, (3) potentially restrict the use of the Site to residential / commercial uses only. Adherence to these Institutional Controls on the Site (Controlled Property) is required under the Environmental Easement and will be implemented under this Site Management Plan. These Institutional Controls are:

- Compliance with the Environmental Easement by the Grantor and the Grantor's successors and assigns with all elements of the SMP;
- All Engineering Controls must be operated and maintained as specified in the SMP;
- A composite cover system consisting of asphalt covered roads, concrete covered sidewalks, and concrete building slabs must be inspected, certified and maintained as required in the SMP;
- A soil vapor mitigation system consisting of a sub-slab depressurization system under the retail area of the building must be inspected, certified, operated and maintained as required in the SMP;
- All Engineering Controls on the Controlled Property must be inspected and certified at a frequency and in a manner defied in the SMP.
- Groundwater, soil vapor, and other environmental or public health monitoring must be performed as defined in the SMP;

- Data and information pertinent to Site Management for the Controlled Property must be reported at the frequency and in a manner defined in the SMP;
- On-Site environmental monitoring devices, including but not limited to, groundwater monitor wells and soil vapor probes, must be protected and replaced as necessary to ensure the devices function in the manner specified in this SMP.
- Engineering Controls may not be discontinued without an amendment or the extinguishment of this Environmental Easement.

The Site Controlled Property has a series of Institutional Controls in the form of Site restrictions. Adherence to these Institutional Controls is required by the Environmental Easement. Site restrictions that apply to the Controlled Property are:

- The use of the groundwater underlying the Controlled Property is prohibited without treatment rendering it safe for intended purpose;
- The Controlled Property may only be used for residential / commercial provided that the long-term Engineering and Institutional Controls included in the SMP are employed.
- The Controlled Property may not be used for a higher level of use, such as unrestricted residential use without an amendment or the extinguishment of this Environmental Easement.
- Grantor agrees to submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow. This annual statement must be certified by an expert that the NYSDEC finds acceptable.

4.11 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

There were no deviations from the Remedial Action Work Plan.

4.12 SITE MANAGEMENT PLAN

A Site Management Plan (SMP) has been prepared to detail recommended operation and maintenance and sampling activities to be conducted at the site to ensure that engineering and institutional controls remain in place and continue to operate as intended. The NYSDEC approved SMP is provided in **Appendix A** of this FER and is summarized in the following sections.

Engineering Controls, Institutional Controls Plan

Since residual contamination of groundwater and soil gas exists beneath the Site, Engineering Controls, Institutional Controls (EC/ICs) and an Environmental Easement are required to protect human health and the environment. The EC/IC Plan, contained in the SMP, describes the procedures for the implementation and management of all EC/ICs at the Site including:

- A description of EC/ICs on the Site;
- The basic operation and intended role of each implemented EC/IC;
- A description of the features that should be evaluated during each semi-annual inspection and compliance certification period; and
- A description of plans and procedures to be followed for implementation of EC/ICs.

A series of Institutional Controls required under a RAWP are to: (1) implement, maintain and monitor Engineering Control systems; (2) prevent future exposure to residual contamination by controlling disturbances of the subsurface contamination; and, (3) restrict the use of the Site to current uses. Adherence to these Institutional Controls on the Site is required under the Environmental Easement and will be implemented under the SMP. The Environmental Easement for the Site is included as **Appendix W.**

Monitoring Plan

The Monitoring Plan describes the measures for evaluating the performance and effectiveness of the implemented ECs in reducing or mitigating groundwater contamination at the Site. ECs at the Site include a sub-slab depressurization system. This Monitoring Plan is subject to revision by NYSDEC. Performance monitoring will be conducted to verify the effectiveness of the SSD system.

This effort will consist of liquid level gauging on a weekly basis initially to evaluate the effectiveness of the LPH recovery, quarterly performance groundwater monitoring to evaluate the effectiveness of the chemical oxidant treatment program, bi-annual sub-slab soil vapor testing to evaluate the continued presence of vapors beneath the slab in the retail area of the building and a bi-annual inspection of the SSD System to confirm that the system, it's controls and alarms continue to function properly.

Should the SSD system require maintenance, a follow up inspection will be conducted to confirm that the work was completed and the system is operating properly. A Site-wide inspection will be performed on a regular schedule at a minimum of twice a year for a period of up to five (5) years unless otherwise directed by the NYSDEC. The Site-wide inspection will be performed during the bi-annual sampling event.

Forms and any other information generated during regular monitoring events and inspections will be kept on file. Forms, and other relevant reporting formats used during the monitoring/inspection events, will be (1) subject to approval by NYSDEC and (2) submitted at the time of the semi-annual Site Management Report, as specified in the Reporting Plan of the SMP. Monitoring results will be reported to NYSDEC on a quarterly basis in status reports and on an annual basis in the Site Management Report. Data will be reported in hard copy or digital format as determined by NYSDEC.

Sub-Slab Depressurization System and Sub-Slab Vapor Sampling

It is anticipated that the sub-slab depressurization system will continue to be operated as a preventive measure for a period of five (5) years since significant reduction in VOCs in groundwater have been achieved and the residual source areas have been removed. The active SSD system will not be discontinued without written approval by NYSDEC and NYSDOH. A proposal to discontinue the active SSD system may be submitted by the property owner based on confirmatory data that justifies such request.

Systems will remain in place and operational until permission to discontinue use is granted in writing by NYSDEC and NYSDOH. Sub-slab soil gas samples will be collected from four sub-slab sample ports (SS1 through SS4) on a bi-annual basis. Sampling will be conducted in accordance with NYSDOH protocol for sub-slab vapor sampling. Samples will be analyzed for VOCs by method EPA

TO15. Sub-slab soil gas samples will continue to be collected on a bi-annual basis during the operation of the SSD system unless otherwise decided upon with the NYSDEC and the NYSDOH. Following receipt of the sample results, a letter report documenting the field activities and sample results will be prepared and submitted to the NYSDEC and NYSDOH.

Groundwater Sampling

Groundwater samples will be collected from the existing on-Site monitoring well network, on a quarterly basis. Sampling will be conducted in accordance with Section 3 of the Site Management Plan Groundwater samples will be analyzed for VOCs (by EPA method 8260), persulfate and Fe^{2+}. .Following receipt of the groundwater sample results, a letter report documenting the field activities and sample results will be prepared and submitted to the NYSDEC.

Existing on-site and offsite wells will be sampled on a quarterly basis. The sampling frequency may be modified by NYSDEC. The SMP will be modified to reflect changes in sampling plans approved by NYSDEC.

Operation and Maintenance Plan

The SSD systems at the site will operate 24/7 with no maintenance requirements. Periodic bi-annual inspections will be performed to assure that the system is continuing to operate properly. Each fan will be fitted with a pressure switch which will activate a visual and audible alarm if the fan stops operating.

The start-up test procedure will first consist of a visual inspection to make sure all of the system components are installed properly. Following this, each system will be started individually and checked for leaks and adequate pressure at the discharge stack. Power to each blower will then be cut in sequence to verify that each warning alarm is functioning properly. Negative pressure readings will be taken at each soil vapor implant (SG1-SG4, shown on **Figure 22**) with a digital manometer. The system testing described above will be conducted if, in the course of the SSD system lifetime, significant changes are made to the system, and the system restarted.

The SSD systems are maintenance free. The fans should only stop operating in the event of a power outage or a severe blockage. The visual / audible alarm is triggered when negative pressure is not maintained in the vertical vent system piping. In the event that one of the system alarms trips, the owner, owner's representative or Environmental Business Consultants should be contacted for repairs.

LPH removal will continue on a monthly basis, as necessary, using vacuum enhanced fluid recovery (VEFR) events. VEFR events will be performed on a monthly basis on all monitoring wells which contain 0.5 inches (0.04 feet) or more of LPH. Each event will last from 4 to 6 hours.

LPH recovery will be performed using a vacuum tanker truck equipped with a 1 inch diameter pvc "stinger" downpipe. The downpipe will be connected to the 2 inch well casing using a 2 inch by 1 inch "fernco" reducer. The stinger will initially be set no more than 2 feet below the water table. If fluid recovery ceases altogether, the downpipe will be re-set deeper in the well, as needed, to continue recovery. Depth to water (DTW) and depth to product (DTP) readings will be recorded in a log book both before and after the VEFR event.

VEFR events will continue as needed to remove any remaining LPH. Hand bailing may be used to supplement VEFR recovery between recovery events. LPH recovered through hand bailing will be initially placed in a 5 gallon plastic bucket which will be emptied into a DOT-approved 55 gallon drum stored on-Site. The contents of the drum will be removed using the vacuum tanker truck during the regularly scheduled VEFR event.

The chemical oxidant treatment program consists of the injection of a chemical oxidant solution within the occupied (retail) and unoccupied (garage area) areas as needed to address contaminated groundwater as identified during the Remedial Investigation. Chemical oxidant injection is intended to significantly reduce the VOCs in the high concentration areas, and thereby accelerate the improvements in groundwater quality.

The oxidant injections will consist of a solution of sodium persulfate and chelated iron activator. Both components will be delivered to the site as a dry powder and mixed then with water on-site to create a 10 to 30 percent solution. The activator will initially be added at a ratio of 9 lbs of FeEDTA powder to

each 55 lb bag of sodium persulfate. The injections will consist of approximately 100 gallons of solution per injection point.

The volume of solution and the number and location of injections will be based on the results of performance sampling and modified to concentrate on remaining areas with VOC concentrations above cleanup goals. The ratio of FeEDTA to sodium persulfate will be modified in response to the results of the performance sampling. If laboratory analysis shows persulfate concentrations above 250 mg/L and Fe^{2+} concentrations below 100 mg/L, the FeEDTA will be increased to 15 pounds per 55 pounds of sodium persulfate.

Chemical oxidant treatment will continue as needed to achieve further significant reduction of VOCs in groundwater at the site. The decision to perform subsequent oxidant applications will be based on performance sampling results and will be made in concurrence with the NYSDEC project manager.

If biofouling or silt accumulation has occurred in the on-Site monitoring wells, the wells will be physically agitated/surged and redeveloped. Additionally, monitoring wells will be properly decommissioned and replaced (as per the Monitoring Plan), if an event renders the wells unusable. It is anticipated that monitoring wells (IRM-W7, W8 and W9) inside of the occupied space of the new building will be lost as early as March 2009 when construction of this space is completed. When this occurs, interior wells IRM-W8 and IRM-W9 will be replaced with two new wells, PIRM-W14 and PIRM-W15 located outside of the building as shown in **Figure 16**. IRM-W11, installed as an LPH delineation well, will be used as a replacement well for IRM-W7 if this well is no longer accessible. The locations of three replacement wells have been specified and approved by NYSDEC, should these wells require decommissioning due to reduced access.

Monitoring well caps and bolt-down manhole covers will be replaced and repaired as needed. Maintenance reports and any other information generated during regular operations at the Site will be kept at the Site. All reports, forms, and other relevant information generated will be available upon request to the NYSDEC and submitted as part of the semi-annual Site Management Report, as specified in the Section 5 of the SMP.

Site Management Report

An annual Site Management Report will be submitted to NYSDEC following the 2009 reporting period, by March 1, 2010. The Site Management Report will be prepared in accordance with NYSDEC Draft DER-10 Technical Guidance for Site Investigation and Remediation requirements. This Site Management Reporting Plan and its requirements are subject to revision by NYSDEC.

The Site Management Report will be submitted annually and will be submitted by March 1 of the calendar year following the reporting period. Other activities such as groundwater and soil vapor monitoring reports will be submitted quarterly (groundwater) and bi-annually (soil vapor) for the first year, and as determined by NYSDEC thereafter, with those results also incorporated into the Annual Site Management Report.

The Site Management Report will be submitted, in hard-copy format, to the Region 2 NYSDEC offices, located at 41-40 21st Street, Long Island City, New York, and the NYSDOH, located at 547 River Street, Troy, NY 12180. Electronic formats will also be submitted to NYSDEC and NYSDOH

TABLES

TABLE 1A
RI Summary of Soil Results
3035 White Plains Road, Bronx, NY
Volatile Organic Compounds

COMPOUND	Track 1 Unrestricted Cleanup Objectives	SB1 (0-4FT)	SB1 (4-8FT)	SB1 (8-12FT)	SB2 (0-4FT)	SB2 (4-8FT)	SB3 (0-4FT)	SB4 (0-4FT)	SB4 (4-8FT)	SB4 (8-10FT)	SB5 (0-4FT)	SB5 (4-8FT)	SB5 (8-10FT)	SB6 (0-2FT)	SB7 (0-4FT)
Sample Results in µg/kg	*ug/kg*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*
1,1,1-Trichloroethane	680	2.7 U	2.3 U	2.3 U	2.4 U	2.4 U	2.3 U	2.3 U	2.4 U	2.2 U	2.3 U	2.1 U	2.3 U	2.4 U	2.3 U
1,1,2,2-Tetrachloroethane		2.0 U	1.7 U	1.7 U	1.8 U	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.6 U	1.7 U	1.7 U	1.7 U
1,1,2-Trichloroethane		1.9 U	1.6 U	1.6 U	1.7 U	1.7 U	1.6 U	1.6 U	1.7 U	1.6 U	1.6 U	1.5 U	1.6 U	1.7 U	1.6 U
1,1,2-Trichlorotrifluoroethane		4.3 U	3.7 U	3.7 U	3.8 U	3.7 U	3.7 U	3.7 U	3.8 U	3.5 U	3.7 U	3.4 U	3.6 U	3.7 U	3.7 U
1,1-Dichloroethane	270	1.7 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.6 U	1.4 U	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethene	330	3.7 U	3.2 U	3.2 U	3.3 U	3.2 U	3.2 U	3.2 U	3.3 U	3.1 U	3.2 U	2.9 U	3.1 U	3.2 U	3.2 U
1,2,4-Trichlorobenzene		4.4 U	3.8 U	3.8 U	3.9 U	3.8 U	3.8 U	3.8 U	3.9 U	3.6 U	3.8 U	3.5 U	3.7 U	3.8 U	3.8 U
1,2-Dibromo-3-Chloropropane		6.1 U	5.2 U	5.2 U	5.4 U	5.3 U	5.2 U	5.2 U	5.4 U	5.0 U	5.2 U	4.8 U	5.1 U	5.3 U	5.3 U
1,2-Dibromoethane		2.6 U	2.2 U	2.2 U	2.3 U	2.3 U	2.2 U	2.2 U	2.3 U	2.1 U	2.2 U	2.1 U	2.2 U	2.3 U	2.2 U
1,2-Dichlorobenzene	1,100	2.5 U	2.2 U	2.1 U	2.2 U	2.2 U	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U	2.0 U	2.1 U	2.2 U	2.2 U
1,2-Dichloroethane	20	2.0 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.8 U	1.6 U	1.7 U	1.6 U	1.7 U	1.7 U	1.7 U
1,2-Dichloropropane		2.6 U	2.2 U	2.2 U	2.3 U	2.2 U	2.2 U	2.2 U	2.3 U	2.1 U	2.2 U	2.0 U	2.2 U	2.2 U	2.2 U
1,3-Dichlorobenzene	2,400	3.6 U	3.1 U	3.1 U	3.2 U	3.1 U	3.1 U	3.1 U	3.2 U	3.0 U	3.1 U	2.9 U	3.0 U	3.1 U	3.1 U
1,4-Dichlorobenzene	1,800	3.5 U	3.0 U	3.0 U	3.1 U	3.1 U	3.0 U	3.0 U	3.1 U	2.9 U	3.0 U	2.8 U	3.0 U	3.1 U	3.0 U
2-Butanone		18 U	16 U	16 U	16 U	16 U	16 U	16 U	16 U	15 U	16 U	14 U	15 U	16 U	33 J
2-Hexanone		23 U	20 U	20 U	21 U	20 U	20 U	20 U	21 U	19 U	20 U	18 U	20 U	20 U	20 U
4-Methyl-2-Pentanone		13 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U	11 U	11 U
Acetone	50	22 U	19 U	19 U	19 U	19 U	**140**	19 U	19 U	**130 J**	19 U	17 U	18 U	19 U	**210**
Benzene	60	2.6 U	2.2 U	2.2 U	2.3 U	2.2 U	2.2 U	2.2 U	2.3 U	2.1 U	2.2 U	2.0 U	2.2 U	**290**	2.2 U
Bromodichloromethane		2.2 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.7 U	1.8 U	1.9 U	1.9 U
Bromoform		2.0 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.6 U	1.7 U	1.7 U	1.7 U
Bromomethane		13 U	11 U	11 U	12 U	11 U	11 U	11 U	12 U	11 U	11 U	10 U	11 U	11 U	11 U
Carbon Disulfide		2.4 U	2.0 U	2.0 U	2.1 U	2.1 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	1.9 U	2.0 U	2.1 U	2.1 U
Carbon Tetrachloride	760	2.9 U	2.5 U	2.4 U	2.5 U	2.5 U	2.4 U	2.4 U	2.6 U	2.4 U	2.4 U	2.3 U	2.4 U	2.5 U	2.5 U
Chlorobenzene	1,100	2.3 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.1 U	1.9 U	2.0 U	1.8 U	2.0 U	2.0 U	2.0 U
Chloroethane		14 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	11 U	12 U	11 U	12 U	12 U	12 U
Chloroform	370	2.3 U	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U	1.8 U	1.9 U	2.0 U	1.9 U
Chloromethane		5.5 U	4.8 U	4.7 U	4.9 U	4.8 U	4.7 U	4.7 U	4.9 U	4.5 U	4.7 U	4.4 U	4.6 U	4.8 U	4.8 U
cis-1,2-Dichloroethene	250	2.1 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U	1.7 U	1.8 U	1.7 U	1.8 U	1.8 U	1.8 U
cis-1,3-Dichloropropene		2.1 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.7 U	1.8 U	1.9 U	1.8 U
Cyclohexane		2.1 U	1.8 U	1.8 U	1.9 U	1.8 U	100	1.8 U	1.9 U	1.7 U	1.8 U	1.7 U	1.8 U	1.8 U	1.8 U
Dibromochloromethane		1.5 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.2 U	1.3 U	1.2 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane		5.5 U	4.8 U	4.7 U	4.9 U	4.8 U	4.7 U	4.7 U	4.9 U	4.6 U	4.7 U	4.4 U	4.7 U	4.8 U	4.8 U
Ethyl Benzene	1,000	2.3 U	2.0 U	1.9 U	2.0 U	2.0 U	70	2.0 U	2.0 U	36	2.0 U	1.8 U	1.9 U	**58000 D**	11 J
Isopropylbenzene		2.7 U	2.3 U	2.3 U	2.4 U	2.3 U	2.3 U	2.3 U	2.4 U	150	2.3 U	2.1 U	2.3 U	11000 JD	2.3 U
m/p-Xylenes	260	5.6 U	4.8 U	4.8 U	4.9 U	4.9 U	**7900 D**	4.8 U	5.0 U	4.6 U	4.8 U	4.4 U	4.7 U	**480000 D**	62
Methyl Acetate		5.6 U	4.8 U	4.8 U	4.9 U	4.9 U	60	4.8 U	5.0 U	4.6 U	4.8 U	4.4 U	4.7 U	4.9 U	4.8 U
Methyl tert-butyl Ether	930	2.4 U	2.0 U	2.0 U	2.1 U	2.1 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	1.9 U	2.0 U	2.1 U	2.1 U
Methylcyclohexane		2.7 U	2.3 U	2.3 U	2.4 U	2.4 U	100	2.3 U	2.4 U	2.2 U	2.3 U	2.1 U	2.3 U	**11000 JD**	2.3 U
Methylene Chloride	50	36	10 U	25 J	10 U	28 J	29	10 U	11 U	9.7 U	10 U	16 J	26 J	10 U	10 U
o-Xylene	260	2.5 U	2.1 U	2.1 U	2.2 U	2.2 U	**5000 D**	2.1 U	2.2 U	2.0 U	2.1 U	2.0 U	2.1 U	**230000 D**	24 J
Styrene		3.0 U	2.6 U	2.5 U	2.6 U	2.6 U	2.5 U	2.5 U	2.7 U	2.5 U	2.5 U	2.4 U	2.5 U	2.6 U	2.6 U
t-1,3-Dichloropropene		2.3 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	2.0 U	2.1 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
Tetrachloroethene	1,300	4.7 U	4.1 U	4.0 U	4.2 U	4.1 U	4.0 U	4.0 U	4.2 U	3.9 U	4.0 U	3.7 U	4.0 U	4.1 U	4.1 U
Toluene	700	2.6 U	2.3 U	2.2 U	2.3 U	2.3 U	34	2.2 U	2.3 U	2.2 U	2.2 U	2.1 U	2.2 U	**75000 D**	36
trans-1,2-Dichloroethene	190	4.1 U	3.6 U	3.5 U	3.6 U	3.6 U	3.5 U	3.5 U	3.7 U	3.4 U	3.5 U	3.3 U	3.5 U	3.6 U	3.6 U
Trichloroethene	470	2.0 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.8 U	1.6 U	1.7 U	1.6 U	1.7 U	1.7 U	1.7 U
Trichlorofluoromethane		8.1 U	6.9 U	6.9 U	7.1 U	7.0 U	6.9 U	6.9 U	7.2 U	6.6 U	6.9 U	6.4 U	6.8 U	7.0 U	7.0 U
Vinyl Chloride	20	5.3 U	4.6 U	4.5 U	4.7 U	4.6 U	4.5 U	4.5 U	4.7 U	4.4 U	4.5 U	4.2 U	4.5 U	4.6 U	4.6 U
Total Confident Conc. VOC		36	0	25	0	28	13,433	0	0	316	0	16	26	865,290	376

Qualifiers
U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
D - A sample dilution was reuired to obtain the value.
NR - Not analyzed
Bold/highlighted- Indicated exceedance of the NYSDEC Track 1 Objective

TABLE 1A Continued
RI Summary of Soil Results
3035 White Plains Road, Bronx, NY
Volatile Organic Compounds

COMPOUND	Track 1 Unrestricted Cleanup Objectives	SB8 (0-2FT)	SB9 (0-2FT)	SB10 (0-2FT)	SB11 (0-4FT)	SB12 (0-2FT)	SB13 (0-4FT)	SB14 (0-2FT)	SB15 (0-3FT)	SB16 (0-3FT)	SB17 (0-4FT)	SB17 (4-6FT)	SB18 (0-4FT)	SB18 (4-6FT)
Sample Results in µg/kg	*ug/kg*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*
1,1,1-Trichloroethane	680	2.2 U	2.3 U	2.4 U	2.2 U	2.2 U	2.3 U	2.2 U	2.4 U	2.5 U	2.2 U	2.2 U	2.4 U	2.2 U
1,1,2,2-Tetrachloroethane		1.7 U	1.7 U	1.8 U	1.6 U	1.7 U	1.7 U	1.6 U	1.8 U	1.8 U	1.7 U	1.6 U	1.8 U	1.6 U
1,1,2-Trichloroethane		1.6 U	1.6 U	1.7 U	1.5 U	1.6 U	1.6 U	1.5 U	1.7 U	1.7 U	1.6 U	1.5 U	1.7 U	1.5 U
1,1,2-Trichlorotrifluoroethane		3.6 U	3.6 U	3.9 U	3.5 U	3.6 U	3.7 U	3.5 U	3.9 U	3.9 U	3.6 U	3.5 U	3.8 U	3.4 U
1,1-Dichloroethane	270	1.4 U	1.5 U	1.6 U	1.4 U	1.4 U	1.5 U	1.4 U	1.6 U	1.6 U	1.4 U	1.4 U	1.5 U	1.4 U
1,1-Dichloroethene	330	3.1 U	3.1 U	3.3 U	3.0 U	3.1 U	3.2 U	3.0 U	3.3 U	3.4 U	3.1 U	3.0 U	3.3 U	3.0 U
1,2,4-Trichlorobenzene		3.7 U	3.7 U	4.0 U	3.6 U	3.7 U	3.8 U	3.6 U	4.0 U	4.0 U	3.7 U	3.6 U	3.9 U	3.5 U
1,2-Dibromo-3-Chloropropane		5.1 U	5.1 U	5.5 U	4.9 U	5.1 U	5.2 U	4.9 U	5.5 U	5.5 U	5.1 U	5.0 U	5.3 U	4.9 U
1,2-Dibromoethane		2.2 U	2.2 U	2.3 U	2.1 U	2.2 U	2.2 U	2.1 U	2.3 U	2.4 U	2.2 U	2.1 U	2.3 U	2.1 U
1,2-Dichlorobenzene	1,100	2.1 U	2.1 U	2.2 U	2.0 U	2.1 U	2.1 U	2.0 U	2.2 U	2.3 U	2.1 U	2.0 U	2.2 U	2.0 U
1,2-Dichloroethane	20	1.7 U	1.7 U	1.8 U	1.6 U	1.7 U	1.7 U	1.6 U	1.8 U	1.8 U	1.7 U	1.6 U	1.7 U	1.6 U
1,2-Dichloropropane		2.1 U	2.1 U	2.3 U	2.1 U	2.1 U	2.2 U	2.1 U	2.3 U	2.3 U	2.1 U	2.1 U	2.3 U	2.0 U
1,3-Dichlorobenzene	2,400	3.0 U	3.0 U	3.2 U	2.9 U	3.0 U	3.1 U	2.9 U	3.2 U	3.3 U	3.0 U	2.9 U	3.2 U	2.9 U
1,4-Dichlorobenzene	1,800	2.9 U	2.9 U	3.2 U	2.8 U	2.9 U	3.0 U	2.8 U	3.2 U	3.2 U	2.9 U	2.9 U	3.1 U	2.8 U
2-Butanone		15 U	86 J	16 U	15 U	15 U	16 U	15 U	16 U	17 U	15 U	15 U	16 U	15 U
2-Hexanone		19 U	19 U	21 U	19 U	19 U	20 U	19 U	21 U	21 U	19 U	19 U	20 U	19 U
4-Methyl-2-Pentanone		11 U	11 U	11 U	10 U	11 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	10 U
Acetone	50	18 U	**290**	20 U	18 U	18 U	19 U	18 U	**94 J**	20 U	18 U	18 U	19 U	17 U
Benzene	60	2.1 U	2.2 U	2.3 U	2.1 U	2.1 U	2.2 U	2.1 U	2.3 U	2.3 U	2.1 U	2.1 U	2.3 U	2.1 U
Bromodichloromethane		1.8 U	1.8 U	2.0 U	1.7 U	1.8 U	1.9 U	1.7 U	1.9 U	2.0 U	1.8 U	1.8 U	1.9 U	1.7 U
Bromoform		1.7 U	1.7 U	1.8 U	1.6 U	1.7 U	1.7 U	1.6 U	1.8 U	1.8 U	1.7 U	1.6 U	1.8 U	1.6 U
Bromomethane		11 U	11 U	12 U	11 U	11 U	11 U	11 U	12 U	12 U	11 U	11 U	12 U	10 U
Carbon Disulfide		2.0 U	2.0 U	2.1 U	1.9 U	2.0 U	2.0 U	1.9 U	2.1 U	2.2 U	2.0 U	1.9 U	2.1 U	1.9 U
Carbon Tetrachloride	760	2.4 U	2.4 U	2.6 U	2.3 U	2.4 U	2.5 U	2.3 U	2.6 U	2.6 U	2.4 U	2.3 U	2.5 U	2.3 U
Chlorobenzene	1,100	1.9 U	2.0 U	2.1 U	1.9 U	1.9 U	2.0 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	1.9 U
Chloroethane		11 U	12 U	12 U	11 U	11 U	12 U	11 U	12 U	13 U	11 U	11 U	12 U	11 U
Chloroform	370	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.8 U	2.0 U	2.0 U	1.9 U	1.8 U	2.0 U	1.8 U
Chloromethane		4.6 U	4.6 U	5.0 U	4.5 U	4.6 U	4.7 U	4.5 U	5.0 U	5.0 U	4.6 U	4.5 U	4.8 U	4.4 U
cis-1,2-Dichloroethene	250	1.7 U	1.8 U	1.9 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 U	1.9 U	1.7 U	1.7 U	1.8 U	1.7 U
cis-1,3-Dichloropropene		1.8 U	1.8 U	1.9 U	1.7 U	1.8 U	1.8 U	1.7 U	1.9 U	1.9 U	1.8 U	1.7 U	1.9 U	1.7 U
Cyclohexane		1.7 U	23 J	1.9 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 U	1.9 U	1.7 U	1.7 U	1.8 U	1.7 U
Dibromochloromethane		1.2 U	1.2 U	1.3 U	1.2 U	1.2 U	1.3 U	1.2 U	1.3 U	1.4 U	1.2 U	1.2 U	1.3 U	1.2 U
Dichlorodifluoromethane		4.6 U	4.6 U	5.0 U	4.5 U	4.6 U	4.8 U	4.5 U	5.0 U	5.0 U	4.6 U	4.5 U	4.9 U	4.4 U
Ethyl Benzene	1,000	1.9 U	**1300 D**	2.1 U	1.8 U	1.9 U	2.0 U	1.8 U	2.1 U	2.1 U	1.9 U	1.9 U	2.0 U	1.8 U
Isopropylbenzene		2.2 U	460 JD	2.4 U	2.2 U	2.2 U	2.3 U	2.2 U	15 J	2.4 U	2.2 U	2.2 U	2.4 U	2.1 U
m/p-Xylenes	260	4.7 U	**760 JD**	5.0 U	4.5 U	4.7 U	4.8 U	4.5 U	16 J	5.1 U	4.7 U	4.6 U	4.9 U	4.5 U
Methyl Acetate		4.7 U	4.7 U	5.0 U	4.5 U	4.7 U	4.8 U	4.5 U	5.0 U	5.1 U	4.7 U	4.6 U	4.9 U	4.5 U
Methyl tert-butyl Ether	930	2.0 U	2.0 U	2.1 U	1.9 U	2.0 U	2.0 U	1.9 U	2.1 U	2.2 U	2.0 U	1.9 U	2.1 U	1.9 U
Methylcyclohexane		2.3 U	83	2.4 U	2.2 U	2.3 U	2.3 U	2.2 U	2.4 U	2.5 U	2.3 U	2.2 U	2.4 U	2.2 U
Methylene Chloride	50	9.8 U	9.8 U	11 U	23 J	17 J	10 U	9.5 U	11 U	11 U	9.8 U	9.6 U	10 U	9.4 U
o-Xylene	260	2.1 U	36	2.2 U	2.0 U	2.1 U	2.1 U	2.0 U	2.2 U	2.3 U	2.1 U	2.0 U	2.2 U	2.0 U
Styrene		2.5 U	2.5 U	2.7 U	2.4 U	2.5 U	2.6 U	2.4 U	2.7 U	2.7 U	2.5 U	2.4 U	2.6 U	2.4 U
t-1,3-Dichloropropene		2.0 U	2.0 U	2.1 U	1.9 U	2.0 U	2.0 U	1.9 U	2.1 U	2.1 U	2.0 U	1.9 U	2.1 U	1.9 U
Tetrachloroethene	1,300	3.9 U	3.9 U	4.3 U	3.8 U	3.9 U	4.1 U	3.8 U	4.2 U	4.3 U	3.9 U	3.8 U	4.1 U	3.8 U
Toluene	700	2.2 U	41	2.4 U	2.1 U	2.2 U	2.2 U	2.1 U	2.4 U	2.4 U	2.2 U	2.1 U	2.3 U	2.1 U
trans-1,2-Dichloroethene	190	3.4 U	3.4 U	3.7 U	3.3 U	3.4 U	3.6 U	3.3 U	3.7 U	3.8 U	3.4 U	3.4 U	3.6 U	3.3 U
Trichloroethene	470	1.7 U	1.7 U	1.8 U	1.6 U	1.7 U	1.7 U	1.6 U	1.8 U	1.8 U	1.7 U	1.6 U	1.7 U	1.6 U
Trichlorofluoromethane		6.7 U	6.7 U	7.3 U	6.5 U	6.7 U	6.9 U	6.5 U	7.2 U	7.3 U	6.7 U	6.6 U	7.1 U	6.4 U
Vinyl Chloride	20	4.4 U	4.4 U	4.8 U	4.3 U	4.4 U	4.6 U	4.3 U	4.8 U	4.8 U	4.4 U	4.3 U	4.7 U	4.2 U
Total Confident Conc. VOC		0	2,970	0	23	17	0	0	125	0	0	0	0	0

Qualifiers
U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
D - A sample dilution was reuired to obtain the value.
NR - Not analyzed
Bold/highlighted- Indicated exceedance of the NYSDEC Track 1 Objective

TABLE 1B
RI Summary of Soil Results
3035 White Plains Road, Bronx, NY
Semi-Volatile Organic Compounds

COMPOUND	Track 1 Unrestricted Cleanup Objectives	SB1 (0-4FT)	SB1 (4-8FT)	SB1 (8-12FT)	SB2 (0-4FT)	SB2 (4-8FT)	SB3 (0-4FT)	SB4 (0-4FT)	SB4 (4-8FT)	SB4 (8-10FT)	SB5 (0-4FT)	SB5 (4-8FT)	SB5 (8-10FT)	SB6 (0-2FT)	SB7 (0-4FT)
Sample Results in µg/kg	*ug/kg*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*
1,1-Biphenyl		73 U	62 U	310 U	64 U	63 U	60 U	310 U	64 U	87 J	62 U	57 U	300 U	960 J	65 J
2,2-oxybis(1-Chloropropane)		71 U	60 U	300 U	62 U	61 U	59 U	300 U	63 U	58 U	60 U	56 U	290 U	600 U	61 U
2,4-Dinitrotoluene		65 U	55 U	270 U	57 U	56 U	54 U	280 U	57 U	53 U	55 U	51 U	270 U	550 U	56 U
2,6-Dinitrotoluene		62 U	53 U	260 U	55 U	54 U	52 U	270 U	55 U	51 U	53 U	49 U	260 U	530 U	54 U
2-Chloronaphthalene		73 U	62 U	310 U	64 U	63 U	61 U	310 U	64 U	60 U	62 U	58 U	300 U	620 U	63 U
2-Methylnaphthalene		74 U	63 U	310 U	65 U	63 U	260 J	310 U	65 U	60 U	63 U	58 U	300 U	69000 D	250 J
2-Nitroaniline		56 U	48 U	240 U	49 U	48 U	47 U	240 U	49 U	46 U	48 U	44 U	230 U	470 U	48 U
3,3-Dichlorobenzidine		75 U	64 U	320 U	66 U	65 U	63 U	320 U	66 U	61 U	64 U	59 U	310 U	640 U	65 U
3-Nitroaniline		57 U	49 U	240 U	50 U	49 U	48 U	240 U	51 U	47 U	49 U	45 U	240 U	490 U	49 U
4-Bromophenyl-phenylether		66 U	56 U	280 U	58 U	57 U	55 U	280 U	58 U	54 U	56 U	52 U	270 U	560 U	57 U
4-Chloroaniline		52 U	45 U	220 U	46 U	45 U	44 U	220 U	46 U	43 U	45 U	41 U	220 U	440 U	45 U
4-Chlorophenyl-phenylether		70 U	59 U	290 U	61 U	60 U	58 U	300 U	61 U	57 U	59 U	55 U	290 U	590 U	60 U
4-Nitroaniline		75 U	64 U	320 U	66 U	65 U	63 U	320 U	66 U	61 U	64 U	59 U	310 U	640 U	65 U
Acenaphthene	20,000	78 U	67 U	330 U	69 U	68 U	65 U	330 U	69 U	64 U	67 U	62 U	320 U	660 U	190 J
Acenaphthylene	100,000	210 J	61 U	300 U	63 U	62 U	59 U	300 U	63 U	58 U	61 U	56 U	290 U	610 U	99 J
Acetophenone	100,000	64 U	55 U	270 U	57 U	56 U	54 U	270 U	57 U	52 U	55 U	51 U	260 U	550 U	55 U
Anthracene		330 J	56 U	280 U	58 U	57 U	55 U	280 U	59 U	54 U	56 U	52 U	270 U	560 U	400
Atrazine		67 U	57 U	280 U	59 U	58 U	56 U	290 U	60 U	55 U	57 U	53 U	280 U	570 U	58 U
Benzaldehyde		90 U	77 U	380 U	80 U	78 U	75 U	380 U	80 U	74 U	77 U	71 U	370 U	770 U	78 U
Benzo(a)anthracene	1,000	**1100**	52 U	260 U	82 J	53 U	51 U	260 U	54 U	50 U	120 J	49 U	250 U	520 U	730
Benzo(a)pyrene	1,000	**1100**	60 U	300 U	92 J	61 U	59 U	300 U	62 U	57 U	140 J	56 U	290 U	600 U	900
Benzo(b)fluoranthene	1,000	**1400**	41 U	200 U	120 J	42 U	40 U	210 U	49 J	39 U	180 J	38 U	200 U	410 U	**1100**
Benzo(g,h,i)perylene	100,000	700	62 U	310 U	64 U	63 U	61 U	310 U	64 U	59 U	110 J	57 U	300 U	620 U	680
Benzo(k)fluoranthene	800	540	82 U	410 U	85 U	84 U	81 U	410 U	85 U	79 U	82 U	76 U	400 U	820 U	340 J
bis(2-Chloroethoxy)methane		72 U	62 U	310 U	64 U	62 U	60 U	310 U	64 U	59 U	62 U	57 U	300 U	610 U	62 U
bis(2-Chloroethyl)ether		70 U	59 U	290 U	61 U	60 U	58 U	300 U	61 U	57 U	59 U	55 U	290 U	590 U	60 U
bis(2-Ethylhexyl)phthalate		84 U	72 U	360 U	74 U	73 U	70 U	360 U	75 U	71 J	72 U	67 U	350 U	720 U	73 U
Butylbenzylphthalate		71 U	61 U	300 U	63 U	61 U	59 U	300 U	63 U	58 U	61 U	56 U	290 U	600 U	61 U
Caprolactam		71 U	60 U	300 U	62 U	61 U	59 U	300 U	62 U	58 U	60 U	56 U	290 U	600 U	61 U
Carbazole		110 J	57 U	280 U	59 U	58 U	56 U	290 U	59 U	55 U	57 U	53 U	280 U	570 U	320 J
Chrysene	1,000	**1100**	67 U	330 U	100 J	68 U	66 U	340 U	70 U	64 U	130 J	62 U	320 U	670 U	750
Dibenz(a,h)anthracene	330	66 J	47 U	230 U	49 U	48 U	46 U	240 U	49 U	45 U	47 U	44 U	230 U	470 U	56 J
Dibenzofuran		73 U	62 U	310 U	64 U	63 U	61 U	310 U	64 U	59 U	62 U	57 U	300 U	620 U	370 J
Diethylphthalate		76 U	65 U	320 U	67 U	66 U	63 U	320 U	67 U	62 U	65 U	60 U	310 U	640 U	65 U
Dimethylphthalate		71 U	60 U	300 U	62 U	61 U	59 U	300 U	62 U	58 U	60 U	56 U	290 U	600 U	61 U
Di-n-butylphthalate		67 U	57 U	280 U	59 U	58 U	56 U	290 U	59 U	55 U	57 U	53 U	280 U	570 U	58 U
Di-n-octyl phthalate		75 U	64 U	320 U	66 U	65 U	62 U	320 U	66 U	61 U	64 U	59 U	310 U	630 U	64 U
Fluoranthene	100,000	2500	56 U	280 U	200 J	63 J	54 U	280 U	58 U	53 U	200 J	52 U	270 U	550 U	1700
Fluorene	30,000	120 J	63 U	310 U	65 U	64 U	62 U	320 U	66 U	75 J	63 U	59 U	310 U	630 U	610
Hexachlorobenzene		70 U	60 U	300 U	62 U	61 U	59 U	300 U	62 U	57 U	60 U	56 U	290 U	600 U	61 U
Hexachlorobutadiene		68 U	58 U	290 U	60 U	58 U	56 U	290 U	60 U	55 U	58 U	53 U	280 U	570 U	58 U
Hexachlorocyclopentadiene		70 U	60 U	300 U	62 U	61 U	58 U	300 U	62 U	57 U	60 U	55 U	290 U	600 U	60 U
Hexachloroethane		75 U	64 U	320 U	66 U	64 U	62 U	320 U	66 U	61 U	64 U	59 U	310 U	630 U	64 U
Indeno(1,2,3-cd)pyrene	500	**700**	48 U	240 U	50 J	48 U	47 U	240 U	49 U	46 U	100 J	44 U	230 U	470 U	670
Isophorone		66 U	56 U	280 U	58 U	57 U	55 U	280 U	58 U	54 U	56 U	52 U	270 U	560 U	57 U
Naphthalene	12,000	75 U	64 U	320 U	66 U	65 U	140 J	320 U	66 U	70 J	64 U	59 U	310 U	**59000 D**	220 J
Nitrobenzene		96 U	82 U	400 U	85 U	83 U	80 U	410 U	85 U	78 U	82 U	76 U	390 U	810 U	83 U
N-Nitroso-di-n-propylamine		73 U	62 U	310 U	64 U	63 U	61 U	310 U	64 U	59 U	62 U	58 U	300 U	620 U	63 U
N-Nitrosodiphenylamine		73 U	62 U	310 U	64 U	63 U	60 U	310 U	64 U	59 U	62 U	57 U	300 U	610 U	62 U
Phenanthrene	100,000	1200	60 U	300 U	94 J	60 U	58 U	300 U	62 U	95 J	63 J	55 U	290 U	690 J	1700
Pyrene	100,000	2000	66 U	330 U	170 J	67 U	65 U	330 U	69 U	63 U	210 J	61 U	320 U	660 U	1400

Qualifiers

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

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

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

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

D - A sample dilution was reuired to obtain the value.

NR - Not analyzed

Bold/highlighted- Indicated exceedance of the NYSDEC Track 1 Objective

TABLE 1B Continued
RI Summaruy of Soil Results
3035 White Plains Road, Bronx, NY
Semi-Volatile Organic Compounds

COMPOUND	Track 1 Unrestricted Cleanup Objectives	SB8 (0-2FT)	SB9 (0-2FT)	SB10 (0-2FT)	SB11 (0-4FT)	SB12 (0-2FT)	SB13 (0-4FT)	SB14 (0-2FT)	SB15 (0-3FT)	SB16 (0-3FT)	SB17 (0-4FT)	SB17 (4-6FT)	SB18 (0-4FT)	SB18 (4-6FT)
Sample Results in µg/kg	*ug/kg*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*
1,1-Biphenyl		58 U	60 U	64 U	58 U	59 U	60 U	58 U	250 J	63 U	58 U	59 U	61 U	57 U
2,2-oxybis(1-Chloropropane)		57 U	59 U	62 U	57 U	57 U	59 U	57 U	61 U	62 U	57 U	57 U	60 U	56 U
2,4-Dinitrotoluene		52 U	54 U	57 U	52 U	52 U	54 U	52 U	56 U	56 U	52 U	52 U	55 U	51 U
2,6-Dinitrotoluene		50 U	52 U	55 U	50 U	50 U	52 U	50 U	54 U	54 U	50 U	50 U	53 U	49 U
2-Chloronaphthalene		59 U	61 U	64 U	59 U	59 U	61 U	59 U	63 U	64 U	59 U	59 U	62 U	57 U
2-Methylnaphthalene		59 U	930	65 U	59 U	60 U	61 U	59 U	1000	64 U	59 U	59 U	62 U	58 U
2-Nitroaniline		45 U	47 U	49 U	45 U	45 U	46 U	45 U	48 U	49 U	45 U	45 U	47 U	44 U
3,3-Dichlorobenzidine		61 U	63 U	66 U	60 U	61 U	63 U	61 U	65 U	66 U	60 U	61 U	64 U	59 U
3-Nitroaniline		46 U	48 U	50 U	46 U	46 U	48 U	46 U	50 U	50 U	46 U	46 U	48 U	45 U
4-Bromophenyl-phenylether		53 U	55 U	58 U	53 U	53 U	55 U	53 U	57 U	57 U	53 U	53 U	55 U	52 U
4-Chloroaniline		42 U	44 U	46 U	42 U	43 U	44 U	42 U	45 U	46 U	42 U	42 U	44 U	41 U
4-Chlorophenyl-phenylether		56 U	58 U	61 U	56 U	56 U	58 U	56 U	60 U	61 U	56 U	56 U	59 U	55 U
4-Nitroaniline		61 U	63 U	66 U	60 U	61 U	62 U	60 U	65 U	66 U	60 U	61 U	63 U	59 U
Acenaphthene	20,000	63 U	65 U	69 U	63 U	64 U	65 U	63 U	260 J	160 J	63 U	63 U	66 U	62 U
Acenaphthylene	100,000	58 U	140 J	160 J	57 U	94 J	59 U	57 U	91 J	84 J	57 U	58 U	60 U	56 U
Acetophenone	100,000	52 U	54 U	57 U	52 U	52 U	53 U	52 U	56 U	56 U	52 U	52 U	54 U	51 U
Anthracene		54 U	130 J	240 J	75 J	120 J	55 U	53 U	550	440	53 U	54 U	56 U	52 U
Atrazine		54 U	56 U	59 U	54 U	55 U	56 U	54 U	58 U	59 U	54 U	54 U	57 U	53 U
Benzaldehyde		73 U	75 U	79 U	73 U	73 U	75 U	73 U	78 U	79 U	73 U	73 U	76 U	71 U
Benzo(a)anthracene	1,000	150 J	510	870	240 J	450	130 J	50 U	**1200**	**1900**	49 U	50 U	52 U	48 U
Benzo(a)pyrene	1,000	140 J	610	950	250 J	500	140 J	57 U	**1200**	**1800**	57 U	57 U	59 U	55 U
Benzo(b)fluoranthene	1,000	180 J	860	**1200**	340 J	660	160 J	39 U	**2200**	**2100 D**	39 U	39 U	41 U	38 U
Benzo(g,h,i)perylene	100,000	100 J	460	600	170 J	410	98 J	59 U	360 J	640	58 U	59 U	61 U	57 U
Benzo(k)fluoranthene	800	80 J	250 J	430	140 J	250 J	80 U	78 U	650	**860**	78 U	78 U	82 U	76 U
bis(2-Chloroethoxy)methane		58 U	60 U	64 U	58 U	59 U	60 U	58 U	63 U	63 U	58 U	58 U	61 U	57 U
bis(2-Chloroethyl)ether		56 U	58 U	61 U	56 U	56 U	58 U	56 U	60 U	61 U	56 U	56 U	59 U	55 U
bis(2-Ethylhexyl)phthalate		68 U	200 J	74 U	68 U	68 U	210 J	68 U	160 J	74 U	68 U	68 U	71 U	66 U
Butylbenzylphthalate		57 U	59 U	63 U	57 U	58 U	59 U	57 U	62 U	62 U	57 U	57 U	60 U	56 U
Caprolactam		57 U	59 U	62 U	57 U	57 U	59 U	57 U	61 U	62 U	57 U	57 U	60 U	56 U
Carbazole		54 U	56 U	86 J	54 U	54 U	56 U	54 U	150 J	170 J	54 U	54 U	57 U	53 U
Chrysene	1,000	150 J	570	910	290 J	490	130 J	64 U	**1400**	**2100**	63 U	64 U	67 U	62 U
Dibenz(a,h)anthracene	330	45 U	46 U	56 J	44 U	45 U	46 U	44 U	51 J	67 J	44 U	45 U	47 U	43 U
Dibenzofuran		59 U	61 U	64 U	58 U	59 U	60 U	59 U	110 J	110 J	58 U	59 U	61 U	57 U
Diethylphthalate		61 U	63 U	67 U	61 U	62 U	63 U	61 U	66 U	66 U	61 U	61 U	64 U	60 U
Dimethylphthalate		57 U	59 U	62 U	57 U	57 U	59 U	57 U	61 U	62 U	57 U	57 U	60 U	56 U
Di-n-butylphthalate		54 U	56 U	59 U	54 U	54 U	56 U	54 U	58 U	59 U	54 U	54 U	57 U	53 U
Di-n-octyl phthalate		60 U	62 U	66 U	60 U	61 U	62 U	60 U	65 U	65 U	60 U	60 U	63 U	59 U
Fluoranthene	100,000	310 J	1100	2000	720	930	190 J	53 U	2300	4000 D	53 U	53 U	55 U	51 U
Fluorene	30,000	60 U	62 U	65 U	60 U	60 U	62 U	60 U	350 J	210 J	60 U	60 U	63 U	58 U
Hexachlorobenzene		57 U	59 U	62 U	57 U	57 U	58 U	57 U	61 U	61 U	57 U	57 U	59 U	55 U
Hexachlorobutadiene		55 U	56 U	59 U	54 U	55 U	56 U	54 U	59 U	59 U	54 U	55 U	57 U	53 U
Hexachlorocyclopentadiene		57 U	59 U	62 U	56 U	57 U	58 U	56 U	61 U	61 U	56 U	57 U	59 U	55 U
Hexachloroethane		60 U	62 U	66 U	60 U	61 U	62 U	60 U	65 U	65 U	60 U	60 U	63 U	59 U
Indeno(1,2,3-cd)pyrene	500	85 J	470	610	160 J	380	98 J	45 U	180 J	**620**	45 U	45 U	47 U	44 U
Isophorone		53 U	55 U	58 U	53 U	54 U	55 U	53 U	57 U	58 U	53 U	53 U	56 U	52 U
Naphthalene	12,000	61 U	1600	66 U	60 U	61 U	62 U	60 U	320 J	66 U	60 U	61 U	63 U	59 U
Nitrobenzene		77 U	80 U	84 U	77 U	78 U	80 U	77 U	83 U	84 U	77 U	78 U	81 U	75 U
N-Nitroso-di-n-propylamine		59 U	61 U	64 U	59 U	59 U	61 U	59 U	63 U	64 U	59 U	59 U	62 U	57 U
N-Nitrosodiphenylamine		58 U	60 U	64 U	58 U	59 U	60 U	58 U	63 U	63 U	58 U	59 U	61 U	57 U
Phenanthrene	100,000	150 J	420	830	450	300 J	65 J	56 U	1900	2400 D	56 U	57 U	59 U	55 U
Pyrene	100,000	290 J	960	1600	600	810	200 J	63 U	2600 D	3600 D	63 U	63 U	66 U	61 U

Qualifiers
U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
D - A sample dilution was reuired to obtain the value.
NR - Not analyzed
Bold/highlighted- Indicated exceedance of the NYSDEC Track 1 Objective

TABLE 1C
RI Summary of Soil Results
3035 White Plains Road, Bronx, NY
Pesticides and PCBs

COMPOUND	Track 1 Unrestricted Cleanup Objectives	SB1 (0-4FT)	SB1 (4-8FT)	SB1 (8-12FT)	SB2 (0-4FT)	SB2 (4-8FT)	SB3 (0-4FT)	SB4 (0-4FT)	SB4 (4-8FT)	SB4 (8-10FT)	SB5 (0-4FT)	SB5 (4-8FT)	SB5 (8-10FT)	SB6 (0-2FT)	SB7 (0-4FT)
Sample Results in µg/kg	*ug/kg*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*
4,4-DDD	3.3	0.93 U	0.79 U	0.78 U	0.82 U	0.81 U	0.78 U	0.79 U	0.82 U	0.76 U	**240 D**	0.74 U	0.77 U	2.6 P	**11 P**
4,4-DDE	3.3	2.8	0.89 U	0.88 U	0.92 U	0.90 U	0.87 U	0.89 U	0.92 U	0.85 U	2.0	0.83 U	0.86 U	0.89 U	0.90 U
4,4-DDT	3.3	3.4	0.81 U	0.80 U	2.4 P	0.83 U	0.80 U	0.81 U	0.84 U	**5.1**	0.81 U	0.76 U	2.4 P	0.82 U	0.82 U
Aldrin	5.0	1.6 U	1.4 U	2.6	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.3 U	1.4 U	1.3 U	1.3 U	1.4 U	1.4 U
alpha-BHC	20	0.85 U	0.72 U	0.71 U	0.75 U	0.73 U	0.71 U	0.72 U	0.75 U	0.69 U	0.72 U	0.67 U	0.70 U	0.72 U	0.73 U
alpha-Chlordane	94	1.1 U	0.94 U	0.93 U	0.98 U	0.96 U	0.93 U	0.94 U	0.98 U	0.90 U	0.94 U	0.88 U	0.92 U	0.95 U	0.95 U
beta-BHC	36	1.2 U	0.99 U	0.98 U	1.0 U	1.0 U	0.97 U	0.99 U	1.0 U	0.95 U	0.98 U	0.92 U	0.96 U	0.99 U	1.0 U
delta-BHC	40	2.2 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U	1.9 U
Dieldrin	5	1.1 U	0.93 U	0.92 U	0.97 U	0.95 U	0.91 U	0.93 U	0.97 U	0.89 U	0.93 U	0.87 U	0.91 U	0.93 U	0.94 U
Endosulfan I	2,400	1.2 U	0.99 U	0.98 U	1.0 U	1.0 U	0.97 U	0.99 U	1.0 U	0.95 U	0.99 U	0.93 U	0.97 U	1.0 U	1.0 U
Endosulfan II	2,400	1.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.0 U	1.1 U	1.1 U	1.0 U	1.1 U	0.99 U	1.0 U	1.1 U	1.1 U
Endosulfan Sulfate	2,400	1.4 U	1.2 U	1.2 U	1.3 U	1.2 U	1.2 U	1.2 U	1.3 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Endrin	14	1.1 U	0.96 U	0.95 U	1.0 U	0.98 U	0.94 U	0.96 U	1.0 U	0.92 U	0.96 U	0.90 U	0.93 U	0.96 U	0.97 U
Endrin aldehyde		1.3 U	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Endrin ketone		1.1 U	0.93 U	0.92 U	0.96 U	0.95 U	0.91 U	0.93 U	0.96 U	0.89 U	0.93 U	0.87 U	0.90 U	0.93 U	0.94 U
gamma-BHC		2.1 J	0.81 U	0.80 U	0.84 U	0.83 U	0.80 U	0.81 U	0.84 U	0.78 U	0.81 U	0.76 U	0.79 U	0.81 U	0.82 U
gamma-Chlordane		1.2 U	0.98 U	0.97 U	1.0 U	1.0 U	0.97 U	0.99 U	1.0 U	0.94 U	0.98 U	0.92 U	0.96 U	0.99 U	1.0 U
Heptachlor	42	1.2 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	0.98 U	1.0 U	1.1 U	1.1 U
Heptachlor epoxide		1.4 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Methoxychlor		1.1 U	0.97 U	0.96 U	1.0 U	0.99 U	0.95 U	0.97 U	1.0 U	0.93 U	0.97 U	0.91 U	0.94 U	0.97 U	0.98 U
Toxaphene		4.7 U	4.0 U	4.0 U	4.2 U	4.1 U	4.0 U	4.0 U	4.2 U	3.9 U	4.0 U	3.8 U	3.9 U	4.1 U	4.1 U
Aroclor-1016	100	3.4 U	2.9 U	2.8 U	3.0 U	2.9 U	2.8 U	2.9 U	3.0 U	2.7 U	2.9 U	2.6 U	2.8 U	2.9 U	2.9 U
Aroclor-1221	100	5.2 U	4.5 U	4.4 U	4.6 U	4.5 U	4.3 U	4.5 U	4.6 U	4.3 U	4.5 U	4.1 U	4.3 U	4.5 U	4.5 U
Aroclor-1232	100	7.8 U	6.7 U	6.6 U	6.9 U	6.7 U	6.5 U	6.7 U	6.9 U	6.4 U	6.7 U	6.1 U	6.4 U	6.7 U	6.7 U
Aroclor-1242	100	6.9 U	5.9 U	5.9 U	6.1 U	6.0 U	5.8 U	5.9 U	6.1 U	5.7 U	5.9 U	5.5 U	5.7 U	5.9 U	6.0 U
Aroclor-1248	100	3.4 U	2.9 U	2.8 U	3.0 U	2.9 U	2.8 U	2.9 U	3.0 U	2.7 U	2.9 U	2.7 U	2.8 U	2.9 U	2.9 U
Aroclor-1254	100	2.2 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U	1.9 U	1.9 U
Aroclor-1260	100	5.6 U	4.8 U	4.7 U	4.9 U	4.8 U	4.6 U	4.8 U	4.9 U	4.5 U	4.8 U	4.4 U	4.6 U	4.8 U	4.8 U

Qualifiers

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

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

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

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

D - A sample dilution was reuired to obtain the value.

NR - Not analyzed

Bold/highlighted- Indicated exceedance of the NYSDEC Track 1 Objective

TABLE 1C Continued
RI Summary of Soil Results
3035 White Plains Road, Bronx, NY
Pesticides and PCBs

COMPOUND	Track 1 Unrestricted Cleanup Objectives	SB8 (0-2FT)	SB9 (0-2FT)	SB10 (0-2FT)	SB11 (0-4FT)	SB12 (0-2FT)	SB13 (0-4FT)	SB14 (0-2FT)	SB15 (0-3FT)	SB16 (0-3FT)	SB17 (0-4FT)	SB17 (4-6FT)	SB18 (0-4FT)	SB18 (4-6FT)
Sample Results in µg/kg	*ug/kg*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*
4,4-DDD	3.3	0.75 U	**5.8**	0.82 U	0.75 U	**15**	**6.0**	0.68 U	0.74 U	0.74 U	0.69 U	0.68 U	0.71 U	0.67 U
4,4-DDE	3.3	0.84 U	0.87 U	0.92 U	0.84 U	0.85 U	**5.0**	0.94 U	1.0 U	1.0 U	0.94 U	0.94 U	0.98 U	0.92 U
4,4-DDT	3.3	0.77 U	0.80 U	0.84 U	0.77 U	1.8 J	**10**	1.7 U	1.9 U	1.9 U	1.7 U	1.7 U	1.8 U	1.7 U
Aldrin	5.0	1.3 U	1.4 U	1.4 U	1.3 U	1.3 U	1.4 U	0.77 U	0.83 U	0.83 U	0.77 U	0.77 U	0.80 U	0.75 U
alpha-BHC	20	0.69 U	0.71 U	0.75 U	0.68 U	0.69 U	0.71 U	1.0 U	1.1 U	1.1 U	1.0 U	0.99 U	1.0 U	0.97 U
alpha-Chlordane	94	0.90 U	0.93 U	0.98 U	0.89 U	0.91 U	0.92 U	1.3 U	1.4 U	1.4 U	1.3 U	1.3 U	1.4 U	1.3 U
beta-BHC	36	0.94 U	0.97 U	1.0 U	0.93 U	0.95 U	0.97 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U
delta-BHC	40	1.7 U	1.8 U	1.9 U	1.7 U	1.8 U	1.8 U	0.94 U	1.0 U	1.0 U	0.94 U	0.94 U	0.98 U	0.92 U
Dieldrin	5	0.89 U	0.91 U	0.96 U	0.88 U	0.89 U	0.91 U	0.88 U	0.95 U	0.95 U	0.89 U	0.88 U	0.92 U	0.86 U
Endosulfan I	2,400	0.94 U	0.97 U	1.0 U	0.94 U	0.95 U	0.97 U	0.84 U	0.91 U	0.91 U	0.84 U	0.84 U	0.88 U	0.82 U
Endosulfan II	2,400	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	0.91 U	0.98 U	0.98 U	0.91 U	0.91 U	0.95 U	0.89 U
Endosulfan Sulfate	2,400	1.2 U	1.2 U	1.3 U	1.1 U	1.2 U	1.2 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U	1.1 U	0.99 U
Endrin	14	0.91 U	0.94 U	1.0 U	0.91 U	0.92 U	0.94 U	0.75 U	**31**	0.81 U	0.75 U	0.75 U	0.78 U	0.73 U
Endrin aldehyde		1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U
Endrin ketone		0.88 U	0.91 U	0.96 U	0.88 U	0.89 U	0.91 U	0.77 U	0.83 U	11	17	0.77 U	0.80 U	0.75 U
gamma-BHC		0.77 U	0.79 U	0.84 U	0.76 U	0.78 U	0.79 U	0.92 U	0.99 U	1.0 U	0.92 U	0.92 U	0.96 U	0.90 U
gamma-Chlordane		0.94 U	0.96 U	1.0 U	0.93 U	0.95 U	0.96 U	0.88 U	0.95 U	0.95 U	0.88 U	0.88 U	0.92 U	0.86 U
Heptachlor	42	1.0 U	1.0 U	1.1 U	0.99 U	1.0 U	1.0 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U	1.1 U
Heptachlor epoxide		1.1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	0.90 U	0.96 U	0.97 U	0.90 U	0.90 U	0.93 U	0.88 U
Methoxychlor		0.92 U	0.95 U	1.0 U	0.91 U	0.93 U	0.95 U	0.93 U	1.0 U	1.0 U	0.94 U	0.93 U	0.97 U	0.91 U
Toxaphene		3.8 U	4.0 U	4.2 U	3.8 U	3.9 U	4.0 U	3.8 U	4.1 U	4.1 U	3.8 U	3.8 U	4.0 U	3.7 U
Aroclor-1016	100	2.7 U	2.8 U	3.0 U	2.7 U	2.7 U	2.8 U	2.7 U	2.9 U	2.9 U	2.7 U	2.7 U	2.8 U	2.7 U
Aroclor-1221	100	4.2 U	4.4 U	4.6 U	4.2 U	4.3 U	4.4 U	4.2 U	4.5 U	4.6 U	4.2 U	4.2 U	4.4 U	4.1 U
Aroclor-1232	100	6.3 U	6.5 U	6.9 U	6.3 U	6.4 U	6.5 U	6.3 U	6.8 U	6.8 U	6.3 U	6.3 U	6.6 U	6.2 U
Aroclor-1242	100	5.6 U	5.8 U	6.1 U	5.6 U	5.7 U	5.8 U	5.6 U	6.0 U	6.1 U	5.6 U	5.6 U	5.8 U	5.5 U
Aroclor-1248	100	2.7 U	2.8 U	3.0 U	2.7 U	2.8 U	2.8 U	2.7 U	2.9 U	2.9 U	2.7 U	2.7 U	2.8 U	2.7 U
Aroclor-1254	100	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U	1.7 U
Aroclor-1260	100	4.5 U	4.7 U	4.9 U	4.5 U	4.6 U	4.7 U	4.5 U	4.9 U	4.9 U	4.5 U	4.5 U	4.7 U	4.4 U

Qualifiers
U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
D - A sample dilution was reuired to obtain the value.
NR - Not analyzed
Bold/highlighted- Indicated exceedance of the NYSDEC Track 1 Objective

TABLE 1D
RI Summary of Soil Results
3035 White Plains Road, Bronx, NY
Metals

COMPOUND	Track 1 Unrestricted Cleanup Objectives	SB1 (0-4FT)	SB1 (4-8FT)	SB1 (8-12FT)	SB2 (0-4FT)	SB2 (4-8FT)	SB3 (0-4FT)	SB4 (0-4FT)	SB4 (4-8FT)	SB4 (8-10FT)	SB5 (0-4FT)	SB5 (4-8FT)	SB5 (8-10FT)	SB6 (0-2FT)	SB7 (0-4FT)
Sample Results in µg/kg	*ug/kg*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*
Aluminum		17100	9740	11100	13700	11100	7330	8290	10300	8250	11300	5550	5340	6880	12200
Antimony		0.301 U	0.258 U	0.255 U	0.267 U	0.258 U	0.253 U	0.258 U	0.266 U	0.247 U	0.254 U	0.236 U	0.250 U	0.256 U	0.260 U
Arsenic	13	9.850	0.423 J	3.820	2.500	1.590	1.120	2.780	1.790	0.146 U	1.870	0.139 U	0.147 U	3.130	3.770
Barium	350	235	44.7	103	121	66.7	107	109	116	59.4	120	32.8	45.4	240	307
Beryllium	7	0.806	0.346	0.501	0.683	0.376	0.410	0.340	0.376	0.555	0.363	0.196 J	0.185 J	0.339	0.477
Cadmium	2.5 c	**3.100**	1.140	1.550	1.470	0.968	1.520	1.510	1.520	1.650	1.060	0.392 J	0.685 J	1.890	1.990
Calcium		2630	576	5320	1400	832	2090	10200	9100	2980	1060	566	3930	4040	4540
Chromium	30 c	29.5	22.3	**34.5**	19.6	19.2	19.6	19.9	26.2	15.4	18.4	9.900	16.3	18.9	**38.6**
Cobalt		11.6	6.230	6.810	5.760	4.660	6.810	6.860	6.220	9.240	6.970	5.160	4.910	8.240	8.240
Copper	50	**85.9**	19.4	32.4	21.2	14.2	**73.2**	31.1	24.8	29.9	29.4	21.5	20.7	**62.8**	40.2
Iron		23900	15300	15200	14100	12900	10900	14300	16700	20100	13300	6800	8450	17200	19100
Lead	63 c	**346**	10.6	**98.9**	59.8	18.7	**92.2**	**115**	**89.9**	6.480	37.2	1.760	19.7	**335**	**364**
Magnesium		3580	2740	2590	2220	2140	2360	3160	3260	3280	2510	1840	2160	2410	2750
Manganese	1600 c	551	161	329	531	173	154	270	262	440	177	124	115	235	187
Mercury	0.18 c	**0.393**	0.017	0.056	0.078	0.030	0.081	0.106	0.099	0.006 J	0.097	0.009 J	0.018	0.180	0.156
Nickel	30	22.8	13.5	14.5	12.3	9.410	13.9	13.9	12.9	17.2	12.2	11.9	12.4	16.6	18.1
Potassium		1740	1190	1130	695	731	1390	1480	1480	2560	985	958	1170	1780	1290
Selenium	3.9c	0.347 J	0.137 U	0.135 U	0.142 U	0.137 U	0.195 J	0.136 U	0.141 U	0.131 U	0.134 U	0.125 U	0.132 U	0.136 U	0.138 U
Silver	2	0.239 J	0.137 U	0.135 U	0.142 U	0.137 U	0.134 U	0.136 U	0.141 U	0.131 U	0.134 U	0.125 U	0.132 U	0.136 U	0.138 U
Sodium		234	73.8 J	133	150	76.8	124	145	110	92.4	63.1 J	79.1	122	193	324
Thallium		1.670 U	1.430 U	1.420 U	1.490 U	1.430 U	1.400 U	1.430 U	1.480 U	1.380 U	1.410 U	1.310 U	1.390 U	1.430 U	1.450 U
Vanadium		50.2	27.3	31.2	30.4	26.9	20.5	24.5	30.2	25.0	27.7	14.2	15.5	35.0	35.5
Zinc	109 c	**478**	47.8	**148**	**146**	51.6	**180**	**159**	96.3	43.0	59.3	19.7	55.2	**258**	**231**
Hexavalent Chromium		0.530 U	0.455 U	0.450 U	0.472 U	0.458 U	0.446 U	0.455 U	0.469 U	0.437 U	0.454 U	0.419 U	0.442 U	0.452 U	0.459 U

U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
D - A sample dilution was reuired to obtain the value.
NR - Not analyzed
Bold/highlighted- Indicated exceedance of the NYSDEC Track 1 Objective

TABLE 1D Continued
RI Summary of Soil Results
3035 White Plains Road, Bronx, NY
Metals

COMPOUND	Track 1 Unrestricted Cleanup Objectives	SB8 (0-2FT)	SB9 (0-2FT)	SB10 (0-2FT)	SB11 (0-4FT)	SB12 (0-2FT)	SB13 (0-4FT)	SB14 (0-2FT)	SB15 (0-3FT)	SB16 (0-3FT)	SB17 (0-4FT)	SB17 (4-6FT)	SB18 (0-4FT)	SB18 (4-6FT)
Sample Results in µg/kg	*ug/kg*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*
Aluminum		13800	12600	11100	7280	11400	9440	6660	9510	11500	6140	8800	10200	13700
Antimony		0.243 U	0.251 U	0.265 U	0.244 U	0.246 U	0.251 U	0.245 U	0.261 U	0.262 U	0.244 U	0.245 U	0.254 U	0.238 U
Arsenic	13	1.530	3.810	2.130	0.884	2.920	2.130	0.700 J	4.410	1.990	0.410 J	0.144 U	1.210	0.256 J
Barium	350	114	361	247	87.4	173	130	63.1	147	90.5	67.5	76.8	51.6	88.5
Beryllium	7	0.498	0.395	0.433	0.285	0.380	0.348	0.284	0.364	0.453	0.196 J	0.325	0.491	0.310
Cadmium	2.5 c	1.980	2.650	1.680	0.908	2.100	1.340	1.060	**2.670**	1.340	0.772	1.270	1.230	1.510
Calcium		3060	3830	2770	1160	2300	2750	1200	14300	979	993	7890	1210	1180
Chromium	30 c	24.2	25.0	**40.8**	16.1	22.0	18.6	28.2	21.5	20.3	28.0	15.9	19.9	**47.2**
Cobalt		18.2	14.0	9.260	6.610	12.7	7.860	11.5	9.060	7.820	5.940	8.260	9.200	10.1
Copper	50	19.0	48.3	31.5	25.1	**61.5**	33.9	32.2	**103**	21.0	26.4	23.5	27.8	39.6
Iron		21400	26100	17800	11000	20900	14100	12900	21200	15500	10200	13500	16200	17700
Lead	63 c	**98.7**	**166**	**238**	96.0	188	**144**	52.4	**676**	51.8	**139**	26.0	8.780	3.440
Magnesium		5840	5000	2850	2460	4220	2760	3600	10200	2550	2340	7810	2760	6330
Manganese	1600 c	399	317	235	229	254	194	238	256	298	171	205	207	417
Mercury	0.18 c	0.048	**0.182**	0.063	0.091	**0.224**	**0.194**	0.041	**0.202**	0.077	0.028	0.036	0.023	0.01 J
Nickel	30	25.9	19.6	18.4	13.7	18.5	14.0	25.7	20.9	13.9	12.7	12.6	19.5	23.5
Potassium		6560	7180	1070	1140	5370	1790	862	3070	1030	1110	3970	1000	3140
Selenium	3.9c	0.129 U	0.133 U	0.141 U	0.129 U	0.130 U	0.133 U	0.130 U	0.138 U	0.138 U	0.129 U	0.130 U	0.135 U	0.126 U
Silver	2	0.129 U	0.133 U	0.141 U	0.129 U	0.130 U	0.133 U	0.130 U	0.138 U	0.138 U	0.129 U	0.130 U	0.135 U	0.126 U
Sodium		328	139	240	97.7	123	113	107	181	95.6	77.2	107	80.9	59.1 J
Thallium		1.350 U	1.400 U	1.480 U	1.350 U	1.370 U	1.400 U	1.360 U	1.450 U	1.450 U	1.360 U	1.360 U	1.410 U	1.320 U
Vanadium		36.6	34.5	40.8	22.9	32.2	27.4	25.1	34.5	29.3	19.4	23.8	29.0	35.4
Zinc	109 c	83.1	**313**	**188**	**124**	**170**	**132**	54.1	**237**	77.2	38.7	67.2	51.4	54.3
Hexavalent Chromium		0.43 U	0.446 U	0.468 U	0.43 U	0.434 U	0.443 U	0.432 U	0.467 U	0.465 U	0.431 U	0.432 U	0.452 U	0.420 U

U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
D - A sample dilution was reuired to obtain the value.
NR - Not analyzed
Bold/highlighted- Indicated exceedance of the NYSDEC Track 1 Objective

TABLE 2A
RI Summary of Groundwater Results
3035 White Plains Road, Bronx, NY
Volatile Organic Compounds

COMPOUND	NYSDEC Ambient Water Quality Standards	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16
(µg/L)	*(µg/L)*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*12/7/2007*	*12/7/2007*	*12/7/2007*	*12/7/2007*
1,1,1-Trichloroethane	1	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
1,1,2,2-Tetrachloroethane	5	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,1,2-Trichloroethane	1	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1,2-Trichlorotrifluoroethane	5	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethane	4	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,1-Dichloroethene	5	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,2,4-Trichlorobenzene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromo-3-Chloropropane	0.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromoethane		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,2-Dichlorobenzene	3	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
1,2-Dichloroethane	0.6	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,2-Dichloropropane	5	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,3-Dichlorobenzene	3	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
1,4-Dichlorobenzene	3	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
2-Butanone		1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	16 J	1.6 U	1.6 U	1.6 U
2-Hexanone		1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
4-Methyl-2-Pentanone		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
Acetone	5	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U	**40**	6.8 U	**60**	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U
Benzene	1	**47**	**15**	**83**	0.35 U	**490 D**	0.35 U	**71**	0.35 U	0.35 U	0.35 U	0.35 U	**150**	0.35 U	**12**	**160**
Bromodichloromethane	50*	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
Bromoform	50*	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Bromomethane	5	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Carbon Disulfide		0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	6.5	4.0 J	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Carbon Tetrachloride	5	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Chlorobenzene	5	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Chloroethane	5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Chloroform	7	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Chloromethane	5	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
cis-1,2-Dichloroethene	5	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
cis-1,3-Dichloropropene	0.4	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Cyclohexane		42	50	57	23	110	5.0 U	58	5.0 U	5.0 U	5.0 U	5.0 U	14	5.0 U	110	5.0 U
Dibromochloromethane		0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dichlorodifluoromethane	5	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
Ethyl Benzene	5	**690 D**	**590 D**	**1000 D**	**160**	**1400 D**	0.50 U	**91**	0.50 U	3.1 J	0.50 U	0.50 U	**88**	0.50 U	**200**	**5.5**
Isopropylbenzene	NS	86	48	92	38	63	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	70	5.0 U
m/p-Xylenes	5	**1700 D**	**730 D**	**3100 D**	**250**	**5600 D**	1.1 U	**350**	1.1 U	**17**	1.1 U	1.1 U	**510 D**	1.1 U	**8200 D**	**200**
Methyl Acetate		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl Cyclohexane		36	29	54	31	69	5.0 U	35	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	130	5.0 U
Methyl tert-butyl Ether	10	**120**	**90**	**430 D**	**22**	**53**	4.4 J	0.23 U	9.6	**78**	0.23 U	0.23 U	**37**	0.23 U	0.23 U	6.1
Methylene Chloride	10	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
o-Xylene	5	**500 D**	**130**	**940 D**	**35**	**2200 D**	0.47 U	**100**	0.47 U	**5.7**	0.47 U	0.47 U	**250 D**	0.47 U	**3300 D**	**120**
Styrene	5	0.45 U	0.45 U	0.45 U	0.45 U	**160**	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
t-1,3-Dichloropropene	0.4	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Tetrachloroethene	5	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U
Toluene	5	**110**	**24**	**270 D**	**5.4**	**1900 D**	0.38 U	**120**	0.38 U	4.3 J	0.38 U	0.38 U	**840 D**	0.38 U	**1700 D**	**170**
trans-1,2-Dichloroethene	0.4	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Trichloroethene	0.4	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Trichlorofluoromethane	5	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
Vinyl Chloride	NS	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
Total Confident Conc. VOC		3331	1706	6026	564.4	12045	4.4	865	9.6	174.6	4	0	1905	0	13722	661.6
Total TICs		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

TABLE 2B
RI Summary of Groundwater Results
3035 White Plains Road, Bronx, NY
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Ambient Water Quality Standards	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-9	MW-10	MW-11	MW-12
(µg/L)	*(µg/L)*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/3/2007*	*11/4/2007*
1,1-Biphenyl		2.2 J	0.670 J	1.6 J	0.24 U	0.910 J	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
2,2-oxybis(1-Chloropropane)		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.26 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	5	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
2,6-Dinitrotoluene	5	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U	0.24 U	0.24 U
2-Chloronaphthalene	10	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.23 U	0.22 U	0.22 U	0.22 U	0.22 U
2-Methylnaphthalene	NS	130 D	18	110 D	0.30 U	100 D	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
2-Nitroaniline	5	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
3,3-Dichlorobenzidine	5	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.75 U	0.74 U	0.74 U	0.74 U	0.74 U
3-Nitroaniline	5	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U
4-Bromophenyl-phenylether	NS	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
4-Chloroaniline	5	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
4-Chlorophenyl-phenylether	NS	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.24 U	0.23 U	0.23 U	0.23 U	0.23 U
Acenaphthene	20	0.550 J	0.22 U	0.440 J	0.22 U	0.22 U	0.22 U	0.23 U	0.22 U	0.22 U	0.22 U	0.22 U
Acenaphthylene	20	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Acetophenone		0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.27 U	0.26 U	0.26 U	0.26 U	0.26 U
Anthracene	50*	0.360 J	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
Atrazine		0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.36 U	0.36 U
Benzaldehyde		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.26 U	0.25 U	0.25 U	0.25 U	0.25 U
Benzo(a)anthracene	0.002	**0.400 J**	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Benzo(a)pyrene	ND	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Benzo(b)fluoranthene	0.002	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Benzo(g,h,i)perylene	NS	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
Benzo(k)fluoranthene	0.002	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.39 U	0.38 U	0.38 U	0.38 U	0.38 U
bis(2-Chloroethoxy)methane	NS	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
bis(2-Chloroethyl)ether	1	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
bis(2-Ethylhexyl)phthalate	5	**9.1 B**	2.0 JB	0.350 JB	0.400 JB	**7.4 B**	4.9 B	0.390 JB	0.620 JB	4.4 B	1.1 JB	2.6 B
Butylbenzylphthalate		0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	1.5 J	0.26 U	0.26 U	0.26 U	0.26 U
Caprolactam		0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.500 J	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Carbazole		0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
Chrysene	0.002	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.32 U	0.31 U	0.31 U	0.31 U	0.31 U
Dibenz(a,h)anthracene	50	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.17 U	0.16 U	0.16 U	0.16 U	0.16 U
Dibenzofuran	NS	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.24 U	0.23 U	0.23 U	0.23 U	0.23 U
Diethylphthalate	50	0.19 U	0.360 J	0.550 J	0.19 U	1.3 J	0.19 U	0.20 U	0.19 U	0.250 J	0.19 U	0.19 U
Dimethylphthalate	50	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
Di-n-butylphthalate	50	0.25 U	0.25 U	0.25 U	0.25 U	0.290 J	0.25 U	0.670 J	0.25 U	0.310 J	0.25 U	0.25 U
Di-n-octyl phthalate	50*	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
Fluoranthene	50	0.590 J	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Fluorene	50	1.1 J	0.24 U	0.640 J	0.24 U	0.450 J	0.24 U	0.25 U	0.24 U	0.24 U	0.24 U	0.24 U
Hexachlorobutadiene	0.5	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Hexachlorocyclopentadiene	5	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Hexachloroethane	5	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.29 U	0.28 U	0.28 U	0.28 U	0.28 U
Indeno(1,2,3-cd)pyrene	0.002	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Isophorone	50	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.45 U	0.44 U	0.44 U	0.44 U	0.44 U
Naphthalene	10	**200 D**	**90 D**	**250 D**	0.28 U	**170 D**	0.860 J	0.29 U	0.28 U	0.28 U	0.28 U	0.28 U
Nitrobenzene	0.04	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
n-Nitrosodimethylamine		0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.47 U	0.46 U	0.46 U	0.46 U	0.46 U
N-Nitroso-di-n-propylamine	NS	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.28 U	0.27 U	0.27 U	0.27 U	0.27 U
N-Nitrosodiphenylamine	50	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Phenanthrene	50	1.5 J	0.24 U	0.440 J	0.24 U	0.730 J	0.24 U	0.25 U	0.24 U	0.500 J	0.24 U	0.24 U
Pyrene	50	0.770 J	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U

Qualifiers

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

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

D - A sample dilution was reuired to obtain the value.

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

TABLE 2C
RI Summary of Groundwater Results
3035 White Plains Road, Bronx, NY
Pesticides and PCBs

COMPOUND	NYSDEC AMBIENT WATER QUALITY STANDARDS	MW-1	MW-5	MW-6	MW-10	MW-12
Pesticides and PCBs	*(µg/L)*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*
4,4-DDD	**0.3**	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U
4,4-DDE	**0.2**	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
4,4-DDT	**0.2**	0.001 U	0.001 U	0.001 U	0.002 U	0.002 U
Aldrin	**ND**	0.002 U	0.002 U	0.002 U	0.003 U	0.004 U
alpha-BHC	**0.01**	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
alpha-Chlordane	**0.05**	0.001 U	0.001 U	0.001 U	0.0022 U	0.002 U
beta-BHC	**0.04**	0.001 U	0.001 U	0.001 U	0.002 U	0.002 U
delta-BHC	**0.04**	0.0018 U	0.0018 U	0.0018 U	0.001 U	0.0035 U
Dieldrin	**0.004**	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U
Endosulfan I	**NS**	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U
Endosulfan II	**NS**	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U
Endosulfan Sulfate	**NS**	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U
Endrin	**ND**	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U
Endrin aldehyde	**5**	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U
Endrin ketone	**5**	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U
gamma-BHC		0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
gamma-Chlordane	**0.05**	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U
Heptachlor	**0.04**	0.001 U	0.001 U	0.001 U	0.001 U	0.003 U
Heptachlor epoxide	**0.03**	0.002 U	0.002 U	0.002 U	0.004 U	0.003 U
Methoxychlor	**35**	0.003 U	0.003 U	0.003 U	0.001 U	0.006 U
Toxaphene	**0.06**	0.007 U	0.007 U	0.007 U	0.009 U	0.014 U
Aroclor-1016	**.09***	0.015 U	0.015 U	0.015 U	0.03 U	0.03 U
Aroclor-1221	**.09***	0.014 U	0.013 U	0.013 U	0.027 U	0.027 U
Aroclor-1232	**.09***	0.014 U	0.014 U	0.014 U	0.028 U	0.028 U
Aroclor-1242	**.09***	0.0052 U	0.0051 U	0.0051 U	0.01 U	0.01 U
Aroclor-1248	**.09***	0.0045 U	0.0044 U	0.0044 U	0.0088 U	0.0088 U
Aroclor-1254	**.09***	0.0036 U	0.0035 U	0.0035 U	0.007 U	0.007 U
Aroclor-1260	**.09***	0.012 U	0.012 U	0.012 U	0.024 U	0.024 U

Qualifiers

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

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

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

Notes:

** - NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998

ND - Non-detect

* - Guidance Value

NS - No Standard

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 2D
RI Summary of Groundwater Results
3035 White Plains Road, Bronx, NY
Metals

COMPOUND	NYSDEC AMBIENT WATER QUALITY STANDARDS	MW-1 TOTAL	MW-1 DISSOLVED	MW-5 TOTAL	MW-5 DISSOLVED	MW-6 TOTAL	MW-6 DISSOLVED	MW-10 TOTAL	MW-10 DISSOLVED	MW-12 TOTAL	MW-12 DISSOLVED
Priority Pollutant Metals	*(mg/L)*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*	*11/2/2007*
Aluminum	**NS**	56800	61.0	7500	170	51000	60.1	4790	98.7	21900	205
Antimony	**3**	8.1 U	8.1 U	8.1 U	8.1 U	8.1 U	8.1 U	8.1 U	8.1 U	8.1 U	8.1 U
Arsenic	**25**	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U
Barium	**100**	**758**	**135**	**117**	54.6	**581**	49.6 J	**62.3**	18.4 J	**273**	41.9 J
Beryllium	**3**	**3.8**	0.91 J	1.3 J	0.93 J	2.2 J	0.86 J	1.2 J	0.93 J	1.4 J	0.87 J
Cadmium	**5**	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Calcium	**NS**	115000	113000	63500	64100	63700	58500	60300	62800	57800	58100
Chromium	**50**	**110**	1.1 U	17.3	1.1 U	**88.6**	1.1 U	11.7	1.1 U	45.1	1.3 J
Cobalt	**NS**	89.0	2.0 U	12.5 J	2.6 J	64.3	4.5 J	15.0	10.2 J	22.2	2.0 U
Copper	**200**	**279**	3.4 U	29.7	3.4 J	108	3.4 U	11.6	3.4 U	40.9	4.1 J
Iron	**300**	**111000**	**3580**	**17000**	**2410**	**82500**	**499**	**9500**	**1840**	**34700**	**316**
Lead	**25**	**66.2**	2.3 J	11.5	2.6 J	19.7	2.2 U	9.7 J	2.7 J	10.0	2.9 J
Magnesium	**3500**	**45900**	**27100**	**19400**	**17700**	**27600**	**9530**	**19800**	**19200**	**16000**	**8740**
Manganese	**300**	**6210**	**5200**	**1010**	**980**	**3900**	**3630**	**1030**	**1030**	283	118
Mercury	**0.7**	0.0800 U	0.0800 U	0.0800 U	0.0800 U	0.0800 U	0.0800 J	0.0800 U	0.0800 U	0.0800 U	0.0800 U
Nickel	**100**	**169**	6.2 J	31.1	7.6 J	93.6	5.6 J	24.0	17.7 J	35.5	6.0 J
Potassium	**NS**	45900	17100	18600	15900	38300	11900	16700	14100	25800	12200
Selenium	**10**	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
Silver	**50**	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
Sodium	**2000**	**53800**	**54300**	**59400**	**61900**	**27600**	**25500**	**39200**	**39800**	**59900**	**57700**
Thallium	**0.5**	8.1 U	8.1 U	8.1 U	8.1 U	8.1 U	8.1 U	8.1 U	8.1 U	8.1 U	8.1 U
Vanadium	**NS**	116	2.3 U	11.5 J	2.3 U	107	2.3 U	9.1 J	2.3 U	45.9	2.3 U
Zinc	**2000**	330	54.9	112	41.0	246	58.3	97.6	89.1	180	61.0
Hexavalent Chromimum	**50**	0.01 U		0.01 U		0.01 U		0.01 U		0.01 U	

Qualifiers

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

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

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

Notes:

** - NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998

ND - Non-detect

* - Guidance Value

NS - No Standard

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 3
RI Summary of Soil Gas Results
3035 White Plains Road, Bronx, NY
VOCs TO15

COMPOUND	NYSDOH* 2003 Background Study Outdoor Air - Upper Fence	USEPA** 2002 Target Shallow Soil Gas Conc. R=10^{-6}	SG1	SG2	SG3	SG4	SG5	SG6	SG7	SG8	SG9	SG10	SG11	SG12
Sample Results in mg/m ^{3}			*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*	*10/2/2007*
1,1,1-Trichloroethane	0.6	22000	**2.39**	0.48 U	**2.61**	1.2 U	0.24 U	**3.05**	0.48 U	**3.05**	**2.83**	2.39 U	**3.7**	**3.05**
1,1,2,2-Tetrachloroethane	0.4	0.42	1.79 U	1.79 U	1.79 U	4.47 U	0.89 U	1.79 U	1.79 U	1.79 U	1.79 U	8.93 U	1.79 U	1.79 U
1,1,2-Trichloroethane	0.3	1.5	1.2 U	1.2 U	1.2 U	2.94 U	0.6 U	1.2 U	1.2 U	1.2 U	1.2 U	5.98 U	1.2 U	1.2 U
1,1,2-Trichlorotrifluoroethane	2.5	300000	0.76 U	0.76 U	0.76 U	1.91 U	0.38 U	0.76 U	0.76 U	0.76 U	0.76 U	3.82 U	0.76 U	0.76 U
1,1-Dichloroethane	NC	5000	0.57 U	0.57 U	0.57 U	1.38 U	0.28 U	0.57 U	0.57 U	0.57 U	0.57 U	2.75 U	0.57 U	0.57 U
1,1-Dichloroethene	0.4	2000	0.48 U	0.48 U	0.48 U	1.23 U	0.25 U	0.48 U	0.48 U	0.48 U	0.48 U	2.46 U	0.48 U	0.48 U
1,2,4-Trichlorobenzene	0.4	2000	1.41 U	1.41 U	1.41 U	3.48 U	0.7 U	1.41 U	1.41 U	1.41 U	1.41 U	6.96 U	1.41 U	1.41 U
1,2,4-Trimethylbenzene	1.9	60	**78.3**	**53.6**	**82.7**	**110**	**7.46**	**64**	**35.5**	**66.6**	**53**	**26.5**	**58.3**	**92.5**
1,2-Dibromoethane	0.4	0.11	1.08 U	1.08 U	1.08 U	2.61 U	0.52 U	1.08 U	1.08 U	1.08 U	1.08 U	5.23 U	1.08 U	1.08 U
1,2-Dichlorobenzene	0.4	2000	1.02 U	1.02 U	1.02 U	2.53 U	0.51 U	1.02 U	1.02 U	1.02 U	1.02 U	5.05 U	1.02 U	1.02 U
1,2-Dichloroethane	0.4	0.94	0.49 U	0.49 U	0.49 U	1.21 U	0.24 U	0.49 U	0.49 U	0.49 U	0.49 U	2.43 U	0.49 U	0.49 U
1,2-Dichloropropane	0.4	40	0.92 U	0.92 U	0.92 U	2.26 U	0.45 U	0.92 U	0.92 U	0.92 U	0.92 U	4.53 U	0.92 U	0.92 U
1,3,5-Trimethylbenzene	0.7	60	**16.7**	**16.3**	**19.6**	**23.6**	**1.87**	**11.4**	**8.05**	**12.8**	**12.4**	2.36 U	**14.1**	**16.5**
1,3-Butadiene	NA	0.087	0.35 U	0.35 U	0.35 U	0.88 U	0.18 U	0.35 U	0.35 U	0.35 U	0.35 U	1.77 U	0.35 U	0.35 U
1,3-Dichlorobenzene	0.4	1100	0.53 U	0.53 U	0.53 U	1.32 U	0.26 U	0.53 U	0.53 U	0.53 U	0.53 U	2.65 U	0.53 U	0.53 U
1,4-Dichlorobenzene	0.5	8000	0.84 U	0.84 U	**3.37**	2.04 U	**245**	**3.61**	**4.81**	**3.61**	**4.33**	4.09 U	**2.89**	**8.66**
1,4-Dioxane	NA	NA	0.79 U	0.79 U	0.79 U	1.94 U	0.4 U	0.79 U	0.79 U	0.79 U	0.79 U	3.96 U	0.79 U	0.79 U
2,2,4-Trimethylpentane	NA	NA	**8.58**	**8.02**	**12.5**	**111**	**2.33**	**2.98**	**16.2**	**8.21**	**13.4**	**16.8**	**13.4**	**8.77**
2-Butanone	NA	NA	**26.7**	**14.8**	**31**	**59.8**	**4.42**	**11**	**13.1**	**23.6**	**34**	**114**	**29.8**	**27.1**
2-Hexanone	NA	NA	**9**	0.36 U	**8.34**	0.9 U	**2.29**	**3.6**	0.36 U	**10.5**	**16.4**	1.8 U	**8.02**	0.36 U
4-Ethyltoluene	NA	NA	**13.9**	**5.69**	**14.7**	**21.6**	**1.47**	**9.62**	**7.46**	**11.6**	**10.2**	1.47 U	**10**	**15.1**
4-Methyl-2-Pentanone	NA	NA	**11.6**	**5.4**	**8.34**	**31.1**	**2.21**	**3.76**	3.11 J	**18**	**16.2**	**38.4**	**9.82**	**20.1**
Acetone	30	3500	**138**	**131**	**232**	**280**	**19.3**	**74.6**	**158**	**94.3**	**185**	**779**	**211**	**113**
Benzene	4.8	3.1	**7.91**	**3.83**	**11.5**	**16.9**	**1.28**	**2.68**	**9.57**	**7.15**	**7.27**	**22.3**	**7.91**	**8.8**
Benzyl Chloride	NA	0.5	0.58 U	0.58 U	0.58 U	1.44 U	0.29 U	0.58 U	0.58 U	0.58 U	0.58 U	2.88 U	0.58 U	0.58 U
Bromodichloromethane	NA	1.4	1.07 U	1.07 U	1.07 U	2.68 U	0.54 U	1.07 U	1.07 U	1.07 U	1.07 U	5.37 U	1.07 U	1.07 U
Bromoethene	NA	NA	0.44 U	0.44 U	0.44 U	1.14 U	0.23 U	0.44 U	0.44 U	0.44 U	0.44 U	2.28 U	0.44 U	0.44 U
Bromoform	NA	22	0.99 U	0.99 U	0.99 U	2.48 U	0.5 U	0.99 U	0.99 U	0.99 U	0.99 U	4.97 U	0.99 U	0.99 U
Bromomethane	0.5	NA	0.54 U	0.54 U	0.54 U	1.32 U	0.26 U	0.54 U	0.54 U	0.54 U	0.54 U	2.64 U	0.54 U	0.54 U
Carbon Disulfide	NA	7000	0.3 U	0.3 U	0.3 U	0.75 U	0.15 U	**2.74**	**2.74**	0.3 U	**6.09**	1.49 U	**20.8**	0.3 U
Carbon Tetrachloride	1.2	1.6	0.76 U	0.76 U	0.76 U	1.89 U	0.38 U	0.76 U	0.76 U	0.76 U	0.76 U	3.78 U	0.76 U	0.76 U
Chlorobenzene	NC	600	1.2 U	1.2 U	1.2 U	3.05 U	0.6 U	1.2 U	1.2 U	1.2 U	1.2 U	6.01 U	1.2 U	1.2 U
Chloroethane	0.4	100000	0.4 U	0.4 U	0.4 U	1.01 U	0.2 U	0.4 U	0.4 U	0.4 U	0.4 U	2.02 U	0.4 U	0.4 U
Chloroform	0.5	1.1	**160**	0.47 U	0.47 U	1.17 U	**2.24**	**161**	0.47 U	0.47 U	0.47 U	2.34 U	0.47 U	**27.8**
Chloromethane	4.3	NA	0.29 U	0.29 U	0.29 U	0.74 U	**1.02**	0.29 U	**1.39**	0.29 U	0.29 U	1.47 U	0.29 U	0.29 U
cis-1,2-Dichloroethene	0.4	350	0.56 U	0.56 U	0.56 U	1.35 U	0.27 U	0.56 U	0.56 U	0.56 U	0.56 U	2.7 U	0.56 U	0.56 U
cis-1,3-Dichloropropene	0.4	NA	0.54 U	0.54 U	0.54 U	1.41 U	0.28 U	0.54 U	0.54 U	0.54 U	0.54 U	2.81 U	0.54 U	0.54 U
Cyclohexane	0.4	NA	**2.82**	**3.49**	**3.35**	**7.38**	0.21 U	0.4 U	**2.68** J	**3.62**	**3.89**	**16.1**	**4.02**	**3.62**
Dibromochloromethane	NA	NA	1.28 U	1.28 U	1.28 U	3.23 U	0.65 U	1.28 U	1.28 U	1.28 U	1.28 U	6.47 U	1.28 U	1.28 U
Dichlorodifluoromethane	NA	2000	**2.77**	**51.5**	**3.17**	1.78 U	**2.97**	**3.96**	**16.4**	**4.75**	**25.1**	**199**	**223**	**4.75**
Dichlorotetrafluoroethane	10.0	NA	0.84 U	0.84 U	0.84 U	2.17 U	0.43 U	0.84 U	0.84 U	0.84 U	0.84 U	4.34 U	0.84 U	0.84 U
Ethyl Acetate	NA	32000	0.32 U	0.32 U	0.32 U	0.79 U	0.16 U	0.32 U	0.32 U	0.32 U	0.32 U	1.58 U	0.32 U	0.32 U
Ethyl Benzene	1.0	22	**18.6**	**7.63**	**20.5**	**28.6**	**2.25**	**9.54**	**8.15**	**14.7**	**11.8**	**20.8**	**12.8**	**41.3**
Heptane	NA	NA	**28.6**	**16.9**	**29.4**	**58.9**	**3.76**	**8.18**	**11.8**	**26.2**	**21.9**	**46.6**	**21.9**	**48.4**
Hexachloro-1,3-Butadiene	0.5	1.1	1.81 U	1.81 U	1.81 U	4.48 U	0.9 U	1.81 U	1.81 U	1.81 U	1.81 U	8.97 U	1.81 U	1.81 U
Hexane	NA	2000	**12.7**	**9.29**	**19.1**	**23.6**	**2.6**	**17.4**	**20.4**	**12.9**	**16.5**	**57**	**17.2**	**11.8**
Isopropyl Alcohol	NA	NA	0.12 U	0.12 U	0.12 U	0.29 U	0.06 U	0.12 U	0.12 U	0.12 U	0.12 U	0.59 U	0.12 U	0.12 U
m/p-Xylene	1.0	70000	**59.3**	**21**	**67.6**	**86.3**	**6.16**	**35**	**27.6**	**47**	**37.3**	**46**	**40.6**	**98.5**
Methyl tert-Butyl Ether	NA	30000	0.35 U	0.35 U	7.92	0.86 U	0.17 U	**72.7**	**3.17**	0.35 U	**6.19**	1.73 U	13.8	0.35 U
Methylene Chloride	1.6	52	**11.7**	**9.73**	**13.3**	**279**	**1.67**	**35.5**	**90.4**	**24.2**	**32.4**	**4718 D**	26.6	**19.7**
o-Xylene	1.5	70000	**22.2**	**10.6**	**24.6**	**32.1**	**2.6**	**13.2**	**10.9**	**17.5**	**15.6**	**16.5**	**15.4**	**31**
Propene	NA	NA	0.34 U	0.34 U	0.34 U	0.88 U	0.17 U	0.34 U	0.34 U	0.34 U	0.34 U	1.72 U	0.34 U	0.34 U
Styrene	0.5	10000	**2.55**	**1.87**	**2.89**	1.87 U	**1.11**	**1.87**	0.77 U	0.77 U	**2.21**	**9.36**	0.77 U	**3.06**
t-1,3-Dichloropropene	NC	NA	0.45 U	0.45 U	0.45 U	1.13 U	0.23 U	0.45 U	0.45 U	0.45 U	0.45 U	2.27 U	0.45 U	0.45 U
Tetrachloroethene	0.7	8.1	**14.1**	**15.5**	**14.1**	**35.3**	**8.01**	**301**	**9.78**	**12.5**	**9.78**	**517**	**10**	**16.3**
Tetrahydrofuran	0.4	NA	0.71 U	0.71 U	0.71 U	1.74 U	0.35 U	0.71 U	0.71 U	0.71 U	0.71 U	3.53 U	0.71 U	0.71 U
Toluene	5.1	4000	**284**	**122**	**317**	**1096**	**23**	**86.1**	**137**	**259**	**180**	**477**	**189**	**2166 D**
trans-1,2-Dichloroethene	NA	700	0.56 U	0.56 U	0.56 U	1.35 U	0.27 U	0.56 U	0.56 U	0.56 U	0.56 U	2.7 U	0.56 U	0.56 U
Trichloroethene	0.4	0.22	0.75 U	0.75 U	0.75 U	1.93 U	0.39 U	18.9	0.75 U	0.75 U	0.75 U	3.86 U	0.75 U	0.75 U
Trichlorofluoromethane	5.1	7000	0.62 U	**2.47**	0.62 U	1.57 U	**1.46**	0.62 U	0.62 U	0.62 U	0.62 U	3.14 U	**4.48**	0.62 U
Vinyl Acetate	NA	2000	0.56 U	0.56 U	0.56 U	1.41 U	0.28 U	0.56 U	0.56 U	0.56 U	0.56 U	2.81 U	0.56 U	0.56 U
Vinyl Chloride	0.4	2.8	0.31 U	0.31 U	0.31 U	0.77 U	0.15 U	0.31 U	0.31 U	0.31 U	0.31 U	1.53 U	0.31 U	0.31 U
Total BTEX			392.01	165.06	441.2	1,259.90	35.29	146.52	193.22	345.35	251.97	582.60	265.71	2,345.60
Total Confident Conc. VOC			932.42	511.93	949.59	2,301.18	346.48	957.39	595.10	681.79	723.79	7,120.36	968.54	2,785.81

Qualifiers
U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
NA - No value available
NR - Not analyzed

TABLE 4
3035 White Plains Road, Bronx, NY
Parameters Detected Above Track 1 Soil Cleanup Objectives

COMPOUND	Track 1 Unrestricted Cleanup Objectives	Range in Exceedances	SB1 (0-4FT)	SB1 (8-12FT)	SB2 (0-4FT)	SB3 (0-4FT)	SB4 (0-4FT)	SB4 (4-8FT)	SB4 (8-10FT)	SB5 (0-4FT)	SB6 (0-2FT)	SB7 (0-4FT)
Sample Results in µg/kg	*ug/kg*											
Acetone	50	94-290				**140**			**130 J**			**210**
Benzene	60	290									**290**	
m/p-Xylenes	260	7,60-480,000				**7900 D**					**480000 D**	
Methylcyclohexane		11,000									**11000 JD**	
o-Xylene	260	5,000-230,000				**5000 D**					**230000 D**	
Toluene	700	75,000									**75000 D**	
Benzo(a)anthracene	1,000	1100-1,900	**1100**									
Benzo(a)pyrene	1,000	1100-1,800	**1100**									
Benzo(b)fluoranthene	1,000	1,100-1,400	**1400**									**1100**
Benzo(k)fluoranthene	800	1,200-2,200										
Chrysene	1,000	620-1,100	**1100**									
Indeno(1,2,3-cd)pyrene	500	620-700	**700**									
Naphthalene	12,000	59,000									**59000 D**	
4,4-DDD	3.3	5.8-240								**240 D**		**11 P**
4,4-DDE	3.3	5.0										
4,4-DDT	3.3	5.1-10							**5.1**			
Endrin	14	31										
Sample Results in mg/kg	*mg/kg*											
Cadmium	2.5 c	2.67-3.10	**3.1**									
Chromium	30 c	34.5-47.2		**34.5**								**38.6**
Copper	50	62.8-103	**85.9**			**73.2**					**62.8**	
Lead	63 c	92.2-676	**346**	**98.9**		**92.2**	**115**	**89.9**			**335**	**364**
Mercury	0.18 c	0.182-0.393	**0.393**									
Zinc	109 c	124-478	**478**	**148**	**146**	**180**	**159**				**258**	**231**

COMPOUND	Track 1 Unrestricted Cleanup Objectives	Range in Exceedances	SB8 (0-2FT)	SB9 (0-2FT)	SB10 (0-2FT)	SB11 (0-4FT)	SB12 (0-2FT)	SB13 (0-4FT)	SB15 (0-3FT)	SB16 (0-3FT)	SB17 (0-4FT)	SB18 (4-6FT)
Sample Results in µg/kg	*ug/kg*											
Acetone	50	94-290		**290**					**94 J**			
Benzene	60	290										
m/p-Xylenes	260	7,60-480,000		**760 JD**								
Methylcyclohexane		11,000										
o-Xylene	260	5,000-230,000										
Toluene	700	75,000										
Benzo(a)anthracene	1,000	1100-1,900							**1200**	**1900**		
Benzo(a)pyrene	1,000	1100-1,800							**1200**	**1800**		
Benzo(b)fluoranthene	1,000	1,100-1,400			**1200**				**2200**	**2100 D**		
Benzo(k)fluoranthene	800	1,200-2,200								**860**		
Chrysene	1,000	620-1,100							**1400**	**2100**		
Indeno(1,2,3-cd)pyrene	500	620-700								**620**		
Naphthalene	12,000	59,000										
4,4-DDD	3.3	5.8-240		**5.8**			**15**	**6.0**				
4,4-DDE	3.3	5.0						**5.0**				
4,4-DDT	3.3	5.1-10						**10**				
Endrin	14	31							**31**			
Sample Results in mg/kg	*mg/kg*											
Cadmium	2.5 c	2.67-3.10							**2.670**			
Chromium	30 c	34.5-47.2			**40.8**							**47.2**
Copper	50	62.8-103					**61.5**		**103**			
Lead	63 c	92.2-676	**98.7**	**166**	**238**			**144**	**676**		**139**	
Mercury	0.18 c	0.182-0.393		**0.182**			**0.224**	**0.194**	**0.202**			
Zinc	109 c	124-478		**313**	**188**	**124**	**170**	**132**	**237**			

TABLE 5
3035 White Plains Road, Bronx, NY
Parameters Detected Above Ambient Water Quality Standards

COMPOUND	NYSDEC Ambient Water Quality Standards	Range in Exceedance	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-10	MW-12	MW-13	MW-15	MW-16
Sample Results in (µg/L)	*(µg/L)*													
Acetone	5	40-60							40	60				
Benzene	1	12-490	47	15	83		490 D		71			150	12	160
Ethyl Benzene	5	5.5-1,400	690 D	590 D	1000 D	160	1400 D		91			88	200	5.5
m/p-Xylenes	5	17-8,200	1700 D	730 D	3100 D	250	5600 D		350	17		510 D	8200 D	200
Methyl tert-butyl Ether	10	37-430	120	90	430 D	22	53			78		37		
o-Xylene	5	5.7-3,300	500 D	130	940 D	35	2200 D		100	5.7		250 D	3300 D	120
Styrene	5	160					160							
Toluene	5	24-1,900	110	24	270 D	5.4	1900 D		120			840 D	1700 D	170
Benzo(a)anthracene	0.002	0.4	0.4 J											
bis(2-Ethylhexyl)phthalate	5	7.4-9.1	9.1 B					7.4 B						
Naphthalene	10	90-250	200 D	90 D	250 D			170 D						
Sample Results in (mg/L)	*(mg/L)*													
Barium	100	135	135											
Iron	300	316-3,580	3580				2410	499		1840	316			
Magnesium	3500	8,740-27,100	27100				17700	9530		19200	8740			
Manganese	300	980-5,200	5200				980	3630		1030				
Sodium	2000	25,500-61,900	54300				61900	25500		39800	57700			

TABLE 6
3035 White Plains Road, Bronx, NY
Volatile Organic Compounds
IRM Performance Wells - May 2008

COMPOUND	NYSDEC Ambient Water Quality Standards	IRM-1	IRM-2	IRM-3	IRM-4	IRM-5	IRM-6	IRM-7	IRM-8	IRM-9
(µg/L)	*(µg/L)*	*5/272008*	*5/272008*	*5/272008*	*5/272008*	*5/272008*	*5/272008*	*Not Sampled*	*5/272008*	*5/272008*
1,1,1-Trichloroethane	1	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
1,1,2,2-Tetrachloroethane	5	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
1,1,2-Trichloroethane	1	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
1,1,2-Trichlorotrifluoroethane	5	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
1,1-Dichloroethane	4	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
1,1-Dichloroethene	5	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
1,2,4-Trichlorobenzene	5	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
1,2-Dibromo-3-Chloropropane	0.4	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
1,2-Dibromoethane		ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
1,2-Dichlorobenzene	3	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
1,2-Dichloroethane	0.6	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
1,2-Dichloropropane	5	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
1,3-Dichlorobenzene	3	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
1,4-Dichlorobenzene	3	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
2-Butanone		**64**	**4.2**	**160**	**28**	**92**	ND U		ND U	ND U
2-Hexanone		ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
4-Methyl-2-Pentanone		ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
Acetone	5	ND U	**12**	ND U	**110**	**170**	ND U		ND U	ND U
Benzene	1	**100**	ND	ND U	ND U	**44**	ND U		ND U	ND U
Bromodichloromethane	50*	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
Bromoform	50*	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
Bromomethane	5	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
Carbon Disulfide		ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
Carbon Tetrachloride	5	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
Chlorobenzene	5	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
Chloroethane	5	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
Chloroform	7	ND U	**10**	ND U	ND U	ND U	ND U		ND U	ND U
Chloromethane	5	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
cis-1,2-Dichloroethene	5	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
cis-1,3-Dichloropropene	0.4	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
Cyclohexane		**200**	ND U	**350**	ND U	**92**	ND U		ND U	ND U
Dibromochloromethane		ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
Dichlorodifluoromethane	5	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
Ethyl Benzene	5	**400**	ND U	**940**	ND U	**350**	ND U		ND U	ND U
Isopropylbenzene	NS	**64**	ND U	**210**	ND U	**35**	ND U		ND U	ND U
m/p-Xylenes	5	**1000**	**2.7**	**3000**	ND U	**1500**	ND U		ND U	ND U
Methyl Acetate		ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
Methyl Cyclohexane		**140**	ND U	**220**	ND U	**92**	ND U		ND U	ND U
Methyl tert-butyl Ether	10	**210**	**1.6**	ND D	ND U	ND U	ND U		ND U	ND U
Methylene Chloride	10	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
o-Xylene	5	**260**	ND U	**690**	ND U	**490**	ND U		ND U	ND U
Styrene	5	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
t-1,3-Dichloropropene	0.4	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
Tetrachloroethene	5	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
Toluene	5	**300**	**0.51**	**34**	ND U	**560**	ND U		ND U	ND U
trans-1,2-Dichloroethene	0.4	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
Trichloroethene	0.4	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
Trichlorofluoromethane	5	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
Vinyl Chloride	NS	ND U	ND U	ND U	ND U	ND U	ND U		ND U	ND U
Total Confident Conc. VOC		2738	31.01	5604	138	3425	0		0	0

Qualifiers

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

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

D - A sample dilution was reuired to obtain the value.

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

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

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

NR - Not analyzed

Notes:

** - NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998

ND - Non-detect

* - Guidance Value

NS - No Standard

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 7
3035 White Plains Road, Bronx, NY
Volatile Organic Compounds
IRM Performance Wells - August 2008

COMPOUND	NYSDEC Ambient Water Quality Standards	IRM-1	IRM-2	IRM-3	IRM-4	IRM-5	IRM-6	IRM-7	IRM-8	IRM-9
(µg/L)	*(µg/L)*	*8/15/2008*	*Not Sampled*	*8/7/2008*	*8/15/2008*	*8/15/2008*	*8/15/2008*	*8/15/2008*	*8/15/2008*	*8/15/2008*
1,1,1-Trichloroethane	1	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
1,1,2,2-Tetrachloroethane	5	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
1,1,2-Trichloroethane	1	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
1,1,2-Trichlorotrifluoroethane	5	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
1,1-Dichloroethane	4	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
1,1-Dichloroethene	5	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
1,2,4-Trichlorobenzene	5	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
1,2-Dibromo-3-Chloropropane	0.4	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
1,2-Dibromoethane		ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
1,2-Dichlorobenzene	3	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
1,2-Dichloroethane	0.6	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
1,2-Dichloropropane	5	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
1,3-Dichlorobenzene	3	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
1,4-Dichlorobenzene	3	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
2-Butanone		ND U		ND U	**1.9**	**150**	ND U	ND U	ND U	ND U
2-Hexanone		ND U		ND U	ND U	**15 J**	ND U	ND U	ND U	ND U
4-Methyl-2-Pentanone		ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
Acetone	5	ND U		ND U	**27**	**320**	ND U	ND U	ND U	ND U
Benzene	1	**47**		**5.8**	**9.2**	**97**	ND U	**650 D**	**11**	ND U
Bromodichloromethane	50*	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
Bromoform	50*	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
Bromomethane	5	ND U		ND U	**6**	ND U	ND U	ND U	ND U	ND U
Carbon Disulfide		**3.9**		ND U	**8.2**	**21**	ND U	ND U	ND U	ND U
Carbon Tetrachloride	5	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
Chlorobenzene	5	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
Chloroethane	5	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
Chloroform	7	ND U			ND U	ND U	ND U	ND U	ND U	ND U
Chloromethane	5	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
cis-1,2-Dichloroethene	5	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
cis-1,3-Dichloropropene	0.4	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
Cyclohexane		**130 D**		**33**	ND U	**39**	ND U	**180 D**	**4.6 J**	ND U
Dibromochloromethane		ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
Dichlorodifluoromethane	5	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
Ethyl Benzene	5	**430 D**		**45**	ND U	ND U	ND U	**1700 D**	**8**	ND U
Isopropylbenzene	NS	**45**		**10**	ND U	ND U	ND U	120 D	ND U	ND U
m/p-Xylenes	5	**460 D**		**170**	ND U	ND U	ND U	**8800 D**	**160**	**3.3**
Methyl Acetate		ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
Methyl Cyclohexane		**110 D**		**22**	ND U	**20**	ND U	**130 D**	ND U	ND U
Methyl tert-butyl Ether	10	**170 D**		ND U	ND U	**4.8 J**	ND U	**170 D**	ND U	ND U
Methylene Chloride	10	ND U		ND U	**11**	ND U	ND U	ND U	ND U	ND U
o-Xylene	5	**96 D**		**36**	ND U	ND U	ND U	**1800 D**	**77**	ND U
Styrene	5	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
t-1,3-Dichloropropene	0.4	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
Tetrachloroethene	5	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
Toluene	5	**6**		**3**	ND U	ND U	ND U	**760 D**	**89**	ND U
trans-1,2-Dichloroethene	0.4	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
Trichloroethene	0.4	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
Trichlorofluoromethane	5	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
Vinyl Chloride	NS	ND U		ND U	ND U	ND U	ND U	ND U	ND U	ND U
Total Confident Conc. VOC		1497.9		324.8	63.3	666.8	0	14190	349.6	3.3

Qualifiers
U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
D - A sample dilution was reuired to obtain the value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
NR - Not analyzed
Notes:
** - NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998
ND - Non-detect
* - Guidance Value
NS - No Standard
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 8
3035 White Plains Road, Bronx, NY
Volatile Organic Compounds
IRM Performance Wells - August 2008

COMPOUND	NYSDEC Ambient Water Quality Standards	IRM-1	IRM-2	IRM-3	IRM-4	IRM-5	IRM-6	IRM-7	IRM-8	IRM-9
(µg/L)	*(µg/L)*	*10/3/2008*	*10/7/2008*	*10/3/2008*	*10/3/2008*	*10/3/2008*	*10/7/2008*	*Not Sampled*	*10/3/2008*	*10/3/2008*
1,1,1-Trichloroethane	1	**4.6 J**	0.88 U	0.88 U	0.88 U	**2.4 J**	0.88 U		0.88 U	0.88 U
1,1,2,2-Tetrachloroethane	5	0.37 U	0.37 U	0.37 U	0.37 U	**7.6**	0.37 U		0.37 U	0.37 U
1,1,2-Trichloroethane	1	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U		0.3 U	0.3 U
1,1,2-Trichlorotrifluoroethane	5	1.4 U	1.4 U	1.4 U	1.4 U	**2 J**	1.4 U		1.4 U	1.4 U
1,1-Dichloroethane	4	0.8 U	0.8 U	0.8 U	0.8 U	**1.8 J**	0.8 U		0.8 U	0.8 U
1,1-Dichloroethene	5	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U		0.53 U	0.53 U
1,2,4-Trichlorobenzene	5	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U		0.61 U	0.61 U
1,2-Dibromo-3-Chloropropane	0.4	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U		0.67 U	0.67 U
1,2-Dibromoethane		**24 J**	**21 J**	**19 J**	**6.4 J**	**170**	2.2 U		**70**	2.2 U
1,2-Dichlorobenzene	3	**1.2 J**	0.2 U	0.2 U	0.2 U	**19**	0.2 U		**3.4 J**	0.2 U
1,2-Dichloroethane	0.6	**82**	**17**	**45**	0.23 U	**3.8 J**	**3.8 J**		0.23 U	0.23 U
1,2-Dichloropropane	5	**10**	0.45 U	0.45 U	0.45 U	**18**	0.45 U		0.45 U	0.45 U
1,3-Dichlorobenzene	3	0.38 U	0.38 U	0.38 U	0.38 U	**10**	0.38 U		0.38 U	0.38 U
1,4-Dichlorobenzene	3	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U		0.44 U	0.44 U
2-Butanone		0.67 U	0.67 U	0.67 U	0.67 U	**1.1 J**	0.67 U		0.67 U	0.67 U
2-Hexanone		**42**	0.57 U	0.57 U	0.57 U	**36**	0.57 U		**48**	0.57 U
4-Methyl-2-Pentanone		**22 J**	1.9 U	**18 J**	1.9 U	**78**	1.9 U		**31**	1.9 U
Acetone	5	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U		0.27 U	0.27 U
Benzene	1	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U		0.72 U	0.72 U
Bromodichloromethane	50*	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U		0.45 U	0.45 U
Bromoform	50*	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U		0.39 U	0.39 U
Bromomethane	5	**91**	0.47 U	**43**	0.47 U	**24**	0.47 U		**28**	0.47 U
Carbon Disulfide		**13**	0.35 U	**23**	0.35 U	**44**	**25**		**98**	0.35 U
Carbon Tetrachloride	5	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U		0.41 U	0.41 U
Chlorobenzene	5	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U		0.34 U	0.34 U
Chloroethane	5	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U		0.46 U	0.46 U
Chloroform	7	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U		0.23 U	0.23 U
Chloromethane	5	**6.4 J**	1.8 U	1.8 U	1.8 U	**5.2 J**	1.8 U		1.8 U	1.8 U
cis-1,2-Dichloroethene	5	**4 J**	0.16 U	**4.5 J**	0.16 U	**390 D**	**33**		**1400 D**	0.16 U
cis-1,3-Dichloropropene	0.4	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U		0.31 U	0.31 U
Cyclohexane		0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U		0.29 U	0.29 U
Dibromochloromethane		0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U		0.32 U	0.32 U
Dichlorodifluoromethane	5	**2.7 J**	1.8 U	**2.4 J**	1.8 U	**11 J**	1.8 U		**2.1 J**	1.8 U
Ethyl Benzene	5	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U		0.23 U	0.23 U
Isopropylbenzene	NS	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U		0.26 U	0.26 U
m/p-Xylenes	5	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U		0.97 U	0.97 U
Methyl Acetate		0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U		0.28 U	0.28 U
Methyl Cyclohexane		**240 D**	**3.7 J**	**120 D**	**1.3 J**	**280** D	**24**		**880 D**	0.05 U
Methyl tert-butyl Ether	10	**120**	**5.5 J**	**160 D**	**2.8 J**	**1200 D**	**51**		**3000 D**	0.47 U
Methylene Chloride	10	**27**	0.16 U	**49**	**1.2 J**	**500 D**	**18**		**1200 D**	0.16 U
o-Xylene	5	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U		**2.3 J**	0.19 U
Styrene	5	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U		0.44 U	0.44 U
t-1,3-Dichloropropene	0.4	**37**	0.37 U	**37**	0.37 U	**23**	0.37 U		**41**	0.37 U
Tetrachloroethene	5	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U		0.37 U	0.37 U
Toluene	5	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U		0.28 U	0.28 U
trans-1,2-Dichloroethene	0.4	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U		0.22 U	0.22 U
Trichloroethene	0.4	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U		0.4 U	0.4 U
Trichlorofluoromethane	5	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U		0.58 U	0.58 U
Vinyl Chloride	NS	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U		0.39 U	0.39 U
Total Confident Conc. VOC		726.9	47.2	520.9	11.7	2826.9	154.8		6803.8	0

Qualifiers
U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
D - A sample dilution was reuired to obtain the value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
NR - Not analyzed
Notes:
** - NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998
ND - Non-detect
* - Guidance Value
NS - No Standard
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 9
3035 White Plains Road, Bronx, NY
Volatile Organic Compounds
IRM Performance Wells Summary of Results from All Sampling Rounds

COMPOUND	NYSDEC Ambient Water Quality Standards	IRM-1	IRM-1	IRM-1	IRM-2	IRM-2	IRM-2	IRM-3	IRM-3	IRM-3	IRM-4	IRM-4	IRM-4
(µg/L)	*(µg/L)*	*5/272008*	*8/15/2008*	*10/3/2008*	*5/27/2008*	*8/15/2008*	*10/7/2008*	*5/27/2008*	*8/7/2008*	*10/3/2008*	*5/27/2008*	*8/15/2008*	*10/3/2008*
1,1,1-Trichloroethane	1	ND U	ND U	**4.6 J**	ND U		0.88 U	ND U	ND U	0.88 U	ND U	ND U	0.88 U
1,2-Dibromoethane		ND U	ND U	**24 J**	ND U		**21 J**	ND U	ND U	**19 J**	ND U	ND U	**6.4 J**
1,2-Dichlorobenzene	3	ND U	ND U	**1.2 J**	ND U		0.2 U	ND U	ND U	0.2 U	ND U	ND U	0.2 U
1,2-Dichloroethane	0.6	ND U	ND U	**82**	ND U		**17**	ND U	ND U	**45**	ND U	ND U	0.23 U
1,2-Dichloropropane	5	ND U	ND U	**10**	ND U		0.45 U	ND U	ND U	0.45 U	ND U	ND U	0.45 U
2-Butanone		**64**	ND U	0.67 U	**4.2**		0.67 U	**160**	ND U	0.67 U	**28**	**1.9**	0.67 U
2-Hexanone		ND U	ND U	**42**	ND U		0.57 U	ND U	ND U	0.57 U	ND U	ND U	0.57 U
4-Methyl-2-Pentanone		ND U	ND U	**22 J**	ND U		1.9 U	ND U	ND U	**18 J**	ND U	ND U	1.9 U
Acetone	5	ND U	ND U	0.27 U	**12**		0.27 U	ND U	ND U	0.27 U	**110**	**27**	0.27 U
Benzene	1	**100**	**47**	0.72 U	ND		0.72 U	ND U	**5.8**	0.72 U	ND U	**9.2**	0.72 U
Bromomethane	5	ND U	ND U	**91**	ND U		0.47 U	ND U	ND U	**43**	ND U	**6**	0.47 U
Carbon Disulfide		ND U	**3.9**	**13**	ND U		0.35 U	ND U	ND U	**23**	ND U	**8.2**	0.35 U
Chloroform	7	ND U	ND U	0.23 U	**10**		0.23 U	ND U		0.23 U	ND U	ND U	0.23 U
Chloromethane	5	ND U	ND U	**6.4 J**	ND U		1.8 U	ND U	ND U	1.8 U	ND U	ND U	1.8 U
cis-1,2-Dichloroethene	5	ND U	ND U	**4 J**	ND U		0.16 U	ND U	ND U	**4.5 J**	ND U	ND U	0.16 U
Cyclohexane		**200**	**130 D**	0.29 U	ND U		0.29 U	**350**	**33**	0.29 U	ND U	ND U	0.29 U
Dichlorodifluoromethane	5	ND U	ND U	**2.7 J**	ND U		1.8 U	ND U	ND U	**2.4 J**	ND U	ND U	1.8 U
Ethyl Benzene	5	**400**	**430 D**	0.23 U	ND U		0.23 U	**940**	**45**	0.23 U	ND U	ND U	0.23 U
Isopropylbenzene	NS	**64**	**45**	0.26 U	ND U		0.26 U	**210**	**10**	0.26 U	ND U	ND U	0.26 U
m/p-Xylenes	5	**1000**	**460 D**	0.97 U	**2.7**		0.97 U	**3000**	**170**	0.97 U	ND U	ND U	0.97 U
Methyl Cyclohexane		**140**	**110 D**	**240 D**	ND U		**3.7 J**	**220**	**22**	**120 D**	ND U	ND U	**1.3 J**
Methyl tert-butyl Ether	10	**210**	**170 D**	**120**	**1.6**		**5.5 J**	ND D	ND U	**160 D**	ND U	ND U	**2.8 J**
Methylene Chloride	10	ND U	ND U	**27**	ND U		0.16 U	ND U	ND U	**49**	ND U	**11**	**1.2 J**
o-Xylene	5	**260**	**96 D**	0.19 U	ND U		0.19 U	**690**	**36**	0.19 U	ND U	ND U	0.19 U
t-1,3-Dichloropropene	0.4	ND U	ND U	**37**	ND U		0.37 U	ND U	ND U	**37**	ND U	ND U	0.44 U
Tetrachloroethene	5	ND U	ND U	0.37 U	ND U		0.37 U	ND U	ND U	0.37 U	ND U	ND U	0.37 U
Toluene	5	**300**	**6**	0.28 U	**0.51**		0.28 U	**34**	**3**	0.28 U	ND U	ND U	0.28 U
Total Confident Conc. VOC		2738	1497.9	726.9	31.01		47.2	5604	324.8	520.9	138	63.3	11.7

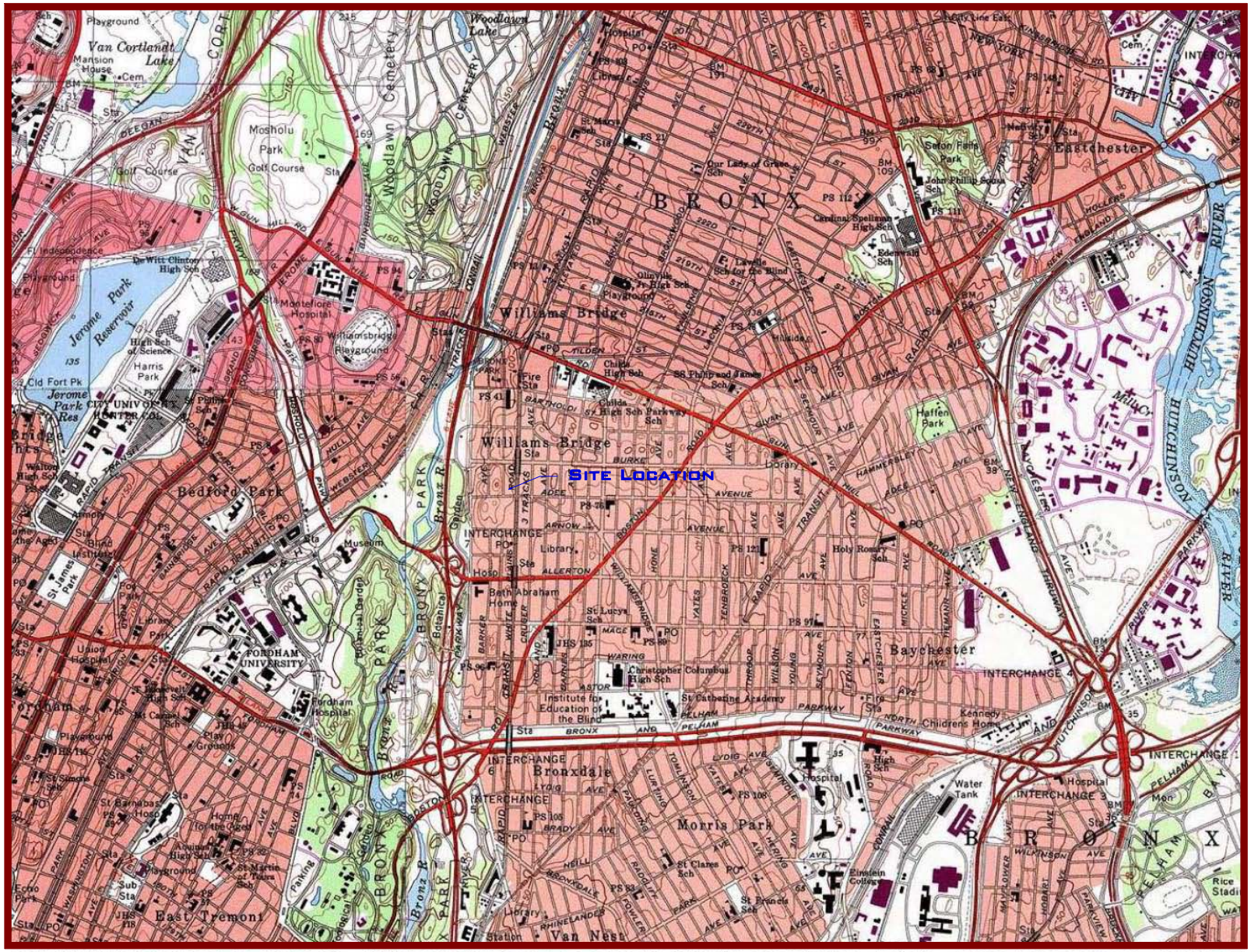
COMPOUND	NYSDEC Ambient Water Quality Standards	IRM-5	IRM-5	IRM-5	IRM-6	IRM-6	IRM-6	IRM-7	IRM-8	IRM-8	IRM-8	IRM-9	IRM-9	IRM-9
(µg/L)	*(µg/L)*	*5/27/2008*	*8/15/2008*	*10/3/2008*	*5/27/2008*	*8/15/2008*	*10/7/2008*	*8/15/2008*	*5/27/2008*	*8/15/2008*	*10/3/2008*	*5/27/2008*	*8/15/2008*	*10/3/2008*
1,1,1-Trichloroethane	1	ND U	ND U	**2.4 J**	ND U	ND U	0.88 U	ND U	ND U	ND U	0.88 U	ND U	ND U	0.88 U
1,1,2,2-Tetrachloroethane	5	ND U	ND U	**7.6**	ND U	ND U	0.37 U	ND U	ND U	ND U	0.37 U	ND U	ND U	0.37 U
1,1,2-Trichlorotrifluoroethane	5	ND U	ND U	**2 J**	ND U	ND U	1.4 U	ND U	ND U	ND U	1.4 U	ND U	ND U	1.4 U
1,1-Dichloroethane	4	ND U	ND U	**1.8 J**	ND U	ND U	0.8 U	ND U	ND U	ND U	0.8 U	ND U	ND U	0.8 U
1,2-Dibromoethane		ND U	ND U	**170**	ND U	ND U	2.2 U	ND U	ND U	ND U	**70**	ND U	ND U	2.2 U
1,2-Dichlorobenzene	3	ND U	ND U	**19**	ND U	ND U	0.2 U	ND U	ND U	ND U	**3.4 J**	ND U	ND U	0.2 U
1,2-Dichloroethane	0.6	ND U	ND U	**3.8 J**	ND U	ND U	**3.8 J**	ND U	ND U	ND U	0.23 U	ND U	ND U	0.23 U
1,2-Dichloropropane	5	ND U	ND U	**18**	ND U	ND U	0.45 U	ND U	ND U	ND U	0.45 U	ND U	ND U	0.45 U
1,3-Dichlorobenzene	3	ND U	ND U	**10**	ND U	ND U	0.38 U	ND U	ND U	ND U	0.38 U	ND U	ND U	0.38 U
2-Butanone		**92**	**150**	**1.1 J**	ND U	ND U	0.67 U	ND U	ND U	ND U	0.67 U	ND U	ND U	0.67 U
2-Hexanone		ND U	**15 J**	**36**	ND U	ND U	0.57 U	ND U	ND U	ND U	**48**	ND U	ND U	0.57 U
4-Methyl-2-Pentanone		ND U	ND U	**78**	ND U	ND U	1.9 U	ND U	ND U	ND U	**31**	ND U	ND U	1.9 U
Acetone	5	**170**	**320**	0.27 U	ND U	ND U	0.27 U	ND U	ND U	ND U	0.27 U	ND U	ND U	0.27 U
Benzene	1	**44**	**97**	0.72 U	ND U	ND U	0.72 U	**650 D**	ND U	**11**	0.72 U	ND U	ND U	0.72 U
Bromomethane	5	ND U	ND U	**24**	ND U	ND U	0.47 U	ND U	ND U	ND U	**28**	ND U	ND U	0.47 U
Carbon Disulfide		ND U	**21**	**44**	ND U	ND U	**25**	ND U	ND U	ND U	**98**	ND U	ND U	0.35 U
Chloromethane	5	ND U	ND U	**5.2 J**	ND U	ND U	1.8 U	ND U	ND U	ND U	1.8 U	ND U	ND U	1.8 U
cis-1,2-Dichloroethene	5	ND U	ND U	**390 D**	ND U	ND U	**33**	ND U	ND U	ND U	**1400 D**	ND U	ND U	0.16 U
Cyclohexane		**92**	**39**	0.29 U	ND U	ND U	0.29 U	**180 D**	ND U	**4.6 J**	0.29 U	ND U	ND U	0.29 U
Dichlorodifluoromethane	5	ND U	ND U	**11 J**	ND U	ND U	1.8 U	ND U	ND U	**2.1 J**	ND U	ND U	ND U	1.8 U
Ethyl Benzene	5	**350**	ND U	0.23 U	ND U	ND U	0.23 U	**1700 D**	ND U	**8**	0.23 U	ND U	ND U	0.23 U
Isopropylbenzene	NS	**35**	ND U	0.26 U	ND U	ND U	0.26 U	120 D	ND U	ND U	0.26 U	ND U	ND U	0.26 U
m/p-Xylenes	5	**1500**	ND U	0.97 U	ND U	ND U	0.97 U	**8800 D**	ND U	**160**	0.97 U	ND U	**3.3**	0.97 U
Methyl Cyclohexane		**92**	**20**	**280** D	ND U	ND U	**24**	**130 D**	ND U	ND U	**880 D**	ND U	ND U	0.05 U
Methyl tert-butyl Ether	10	ND U	**4.8 J**	**1200 D**	ND U	ND U	**51**	**170 D**	ND U	ND U	**3000 D**	ND U	ND U	0.47 U
Methylene Chloride	10	ND U	ND U	**500 D**	ND U	ND U	**18**	ND U	ND U	ND U	**1200 D**	ND U	ND U	0.16 U
o-Xylene	5	**490**	ND U	0.19 U	ND U	ND U	0.19 U	**1800 D**	ND U	**77**	**2.3 J**	ND U	ND U	0.19 U
t-1,3-Dichloropropene	0.4	ND U	ND U	**23**	ND U	ND U	0.37 U	ND U	ND U	ND U	**41**	ND U	ND U	0.37 U
Toluene	5	**560**	ND U	0.28 U	ND U	ND U	0.28 U	**760 D**	ND U	**89**	0.28 U	ND U	ND U	0.28 U
Total Confident Conc. VOC		3425	666.8	2826.9	0	0	154.8	14190	0	349.6	6803.8	0	3.3	0

TABLE 10
3035 White Plains Road, Bronx, NY
Quantities of Materials Removed From the Site

Volume of Historic Fill Removed	Weight of Historic Fill Removed	Volume of Bedrock Removed	Weight of Bedrock Removed
(Cubic Yards- Est.)	*(Tons)*	*(Cubic Yards)*	*(Tons - Est.)*
7,527.13	**10,537.98**	**6,875.00**	**10,766.50**

Total Volume of Material Removed	**14,402.13 Cubic Yards**
Total Weight of Material Removed	**21,304.48 Tons**

FIGURES



MINT 13° 10/02/08

USGS Mount Vernon, NY Quadrangle, 1995

Contour Interval = 10 ft

EBC
Environmental Business Consultants

Phone *631.924.0870*
Fax *631. 924 .2870*

3035 White Plains road, Bronx, NY

Former Dico G Auto & Truck Repair

FIGURE 1 - Location Map

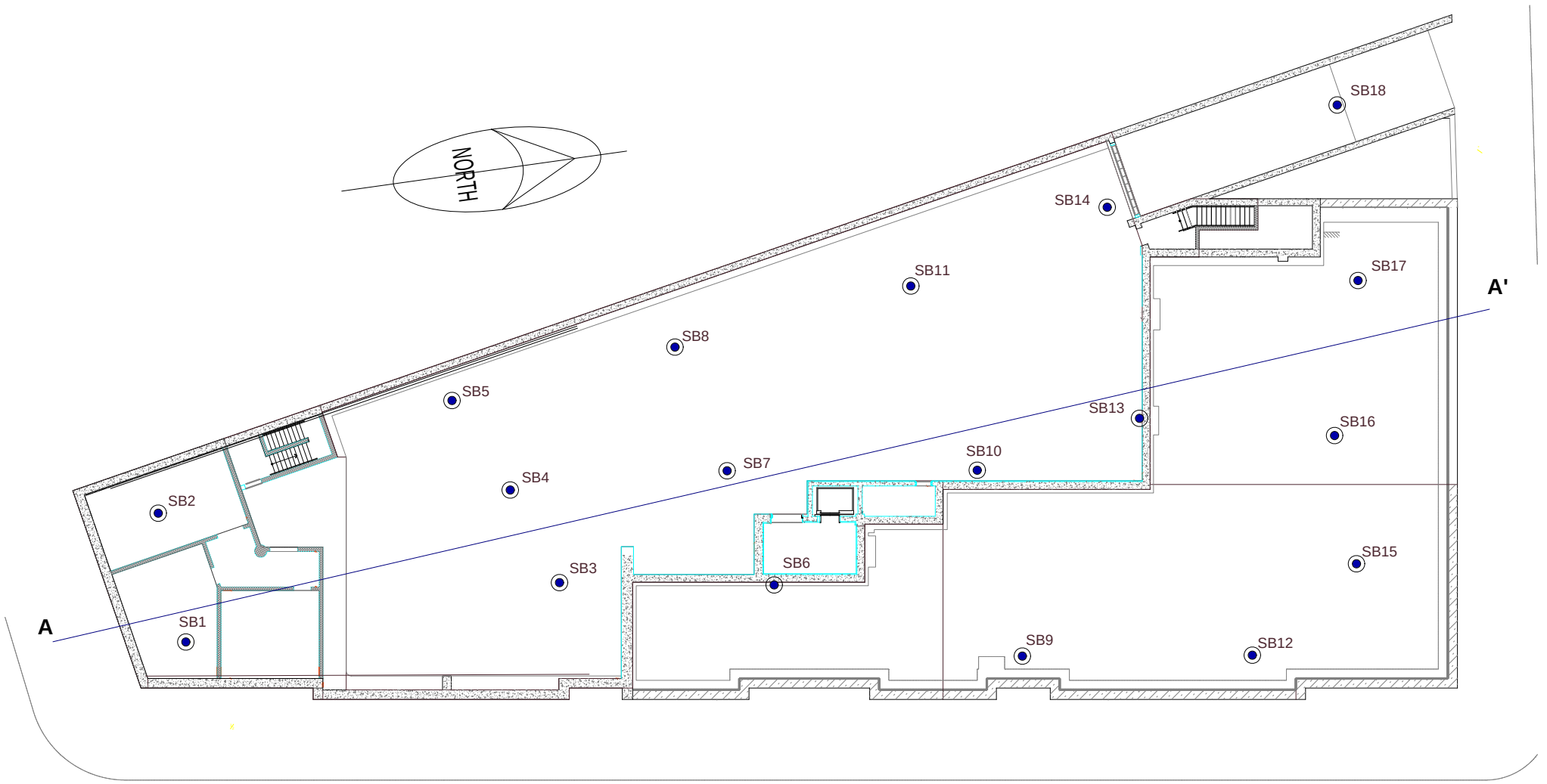
EBC
Environmental Business Consultants

1808 Middle Country Road
Ridge, NY 11961

Phone 631.504.6000
Fax 631. 924 .2870

Surrounding Property Map
Former Dico-G Auto & Truck Repair
3035 White Plains Road, Bronx, NY

FIGURE 2



Soil Boring Location

0 15 30

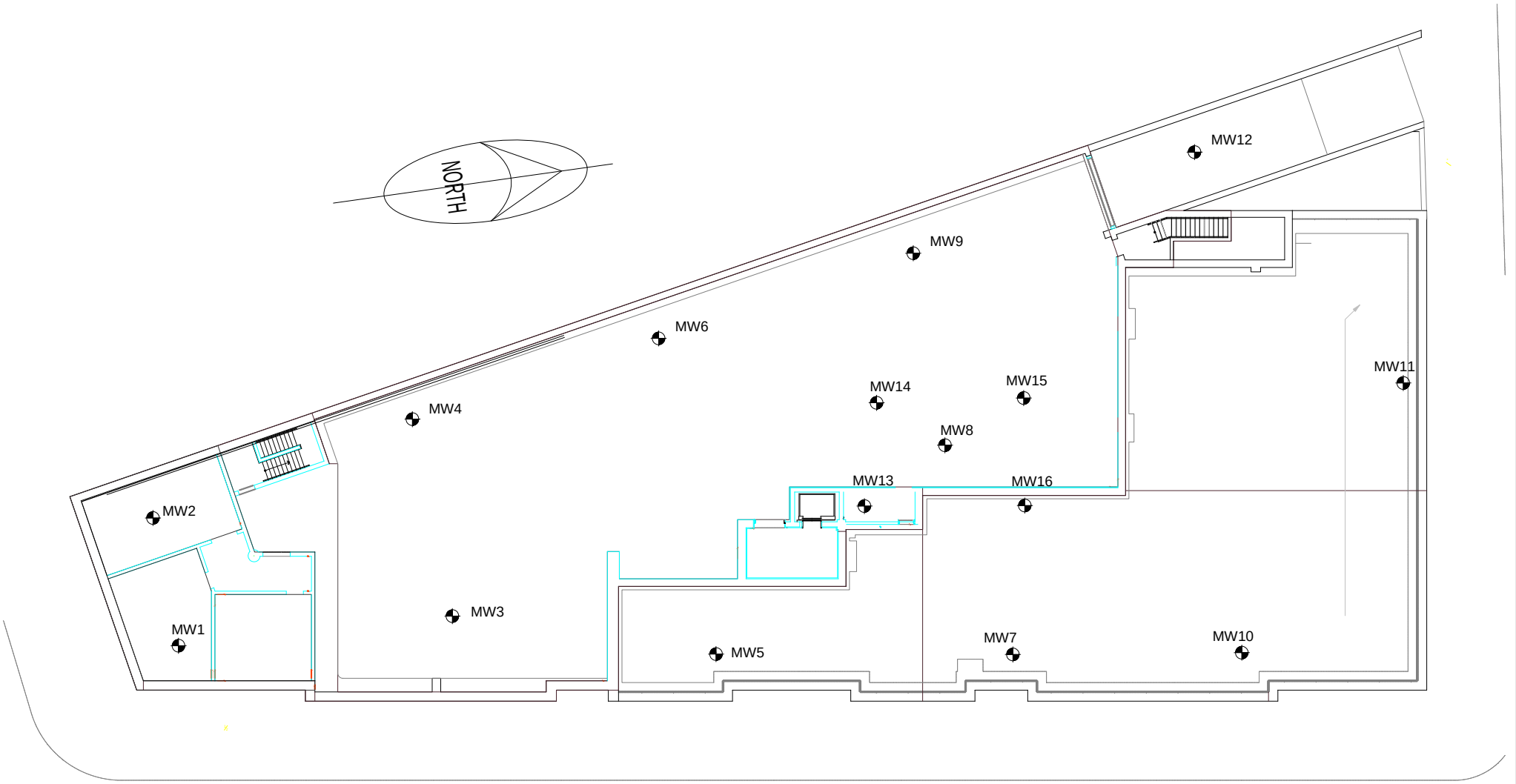
WHITE PLAINS ROAD

EBC
Environmental Business Consultants

Phone 631.504.6000
Fax 631. 924 .2870

Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY

FIGURE 3 Soil Boring Locations and New Building Layout



Monitoring Well

0 15 30

1inch = 30 feet

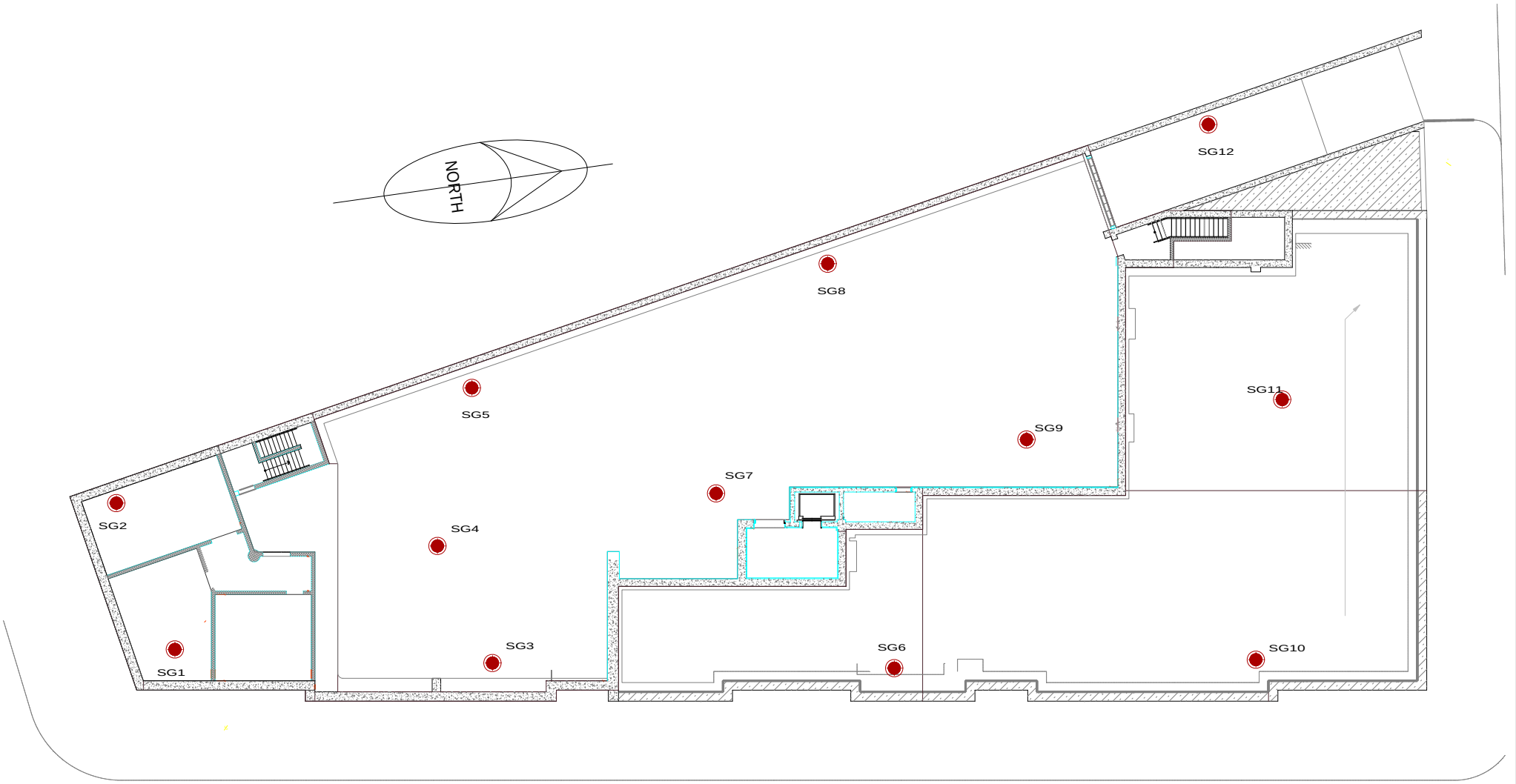
WHITE PLAINS ROAD

EBC
Environmental Business Consultants

Phone 631.504.6000
Fax 631. 924 .2870

Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY

FIGURE 4 Monitoring Well Locations and New Building Layout



0 15 30

1inch = 30 feet

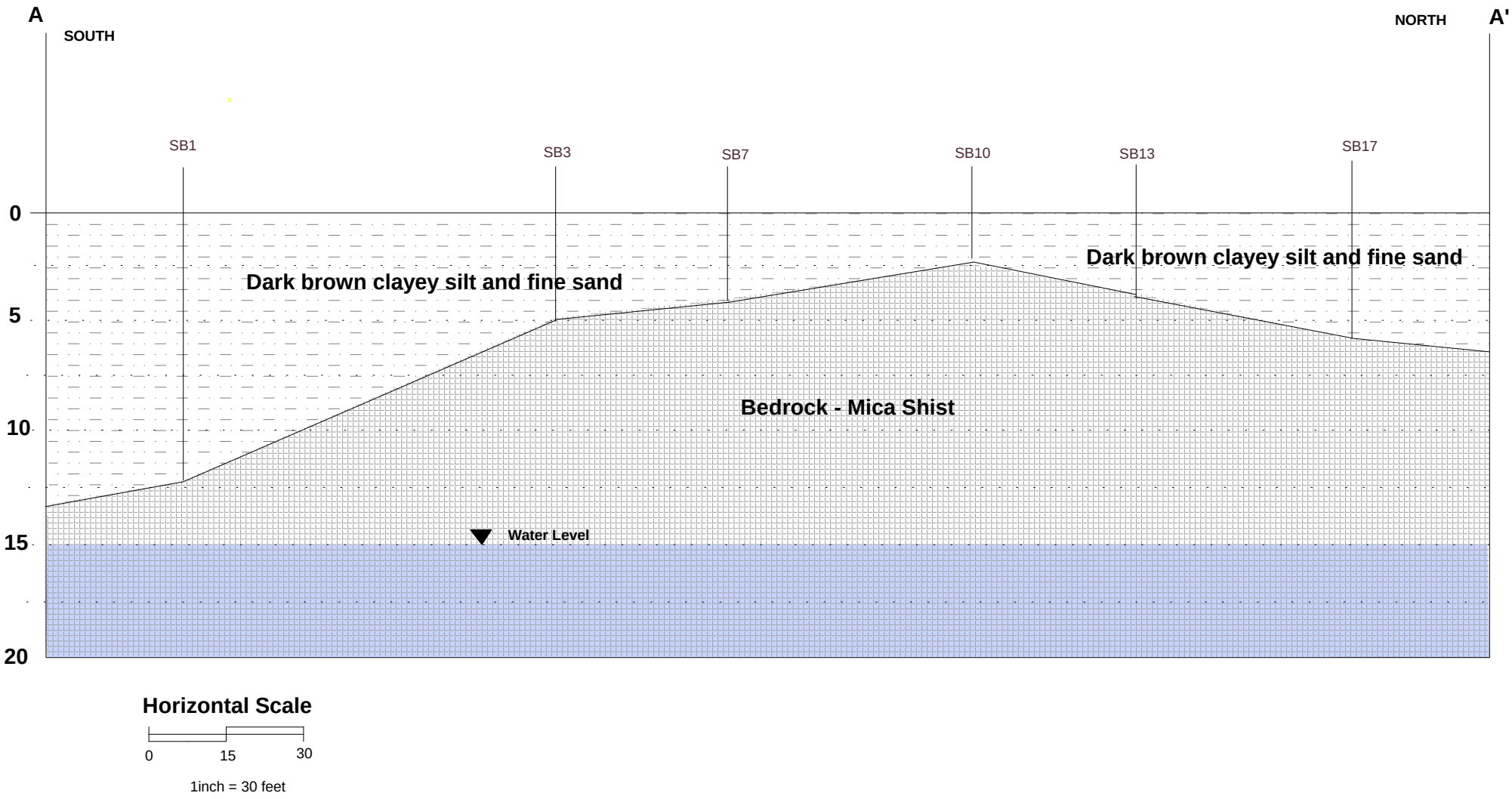
Soil Gas Sampling Point

EBC
Environmental Business Consultants

Phone 631.504.6000
Fax 631. 924 .2870

Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY

FIGURE 5 Soil Gas Sampling Locations and New Building Layout



Horizontal Scale

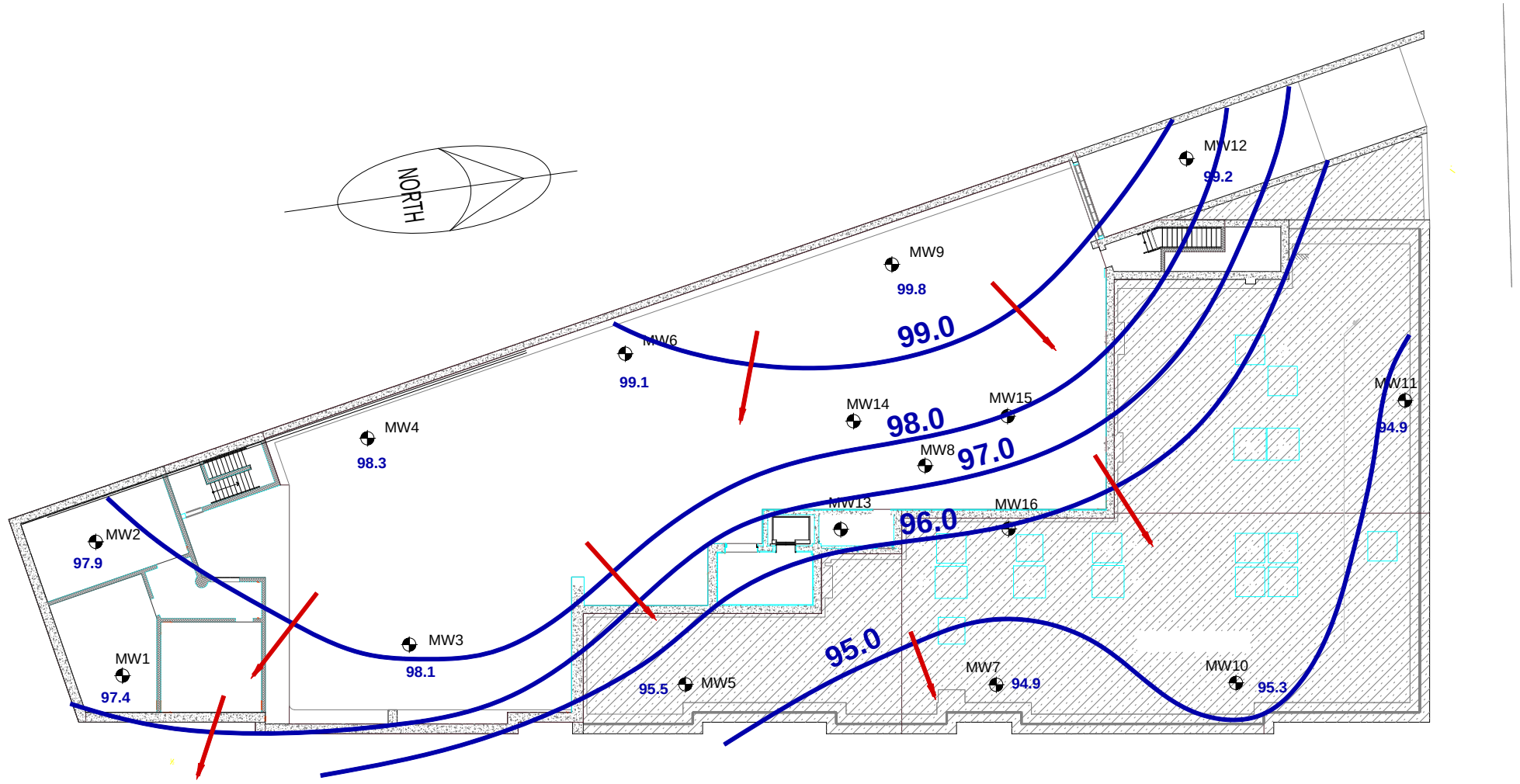
0 15 30

1inch = 30 feet

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

Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY

FIGURE 6 Geologic Cross Section



Monitoring Well

98.0 Groundwater Elevation in Feet

Groundwater Flow Direction
Based on Potentiometric Surface

0 15 30

1inch = 30 feet

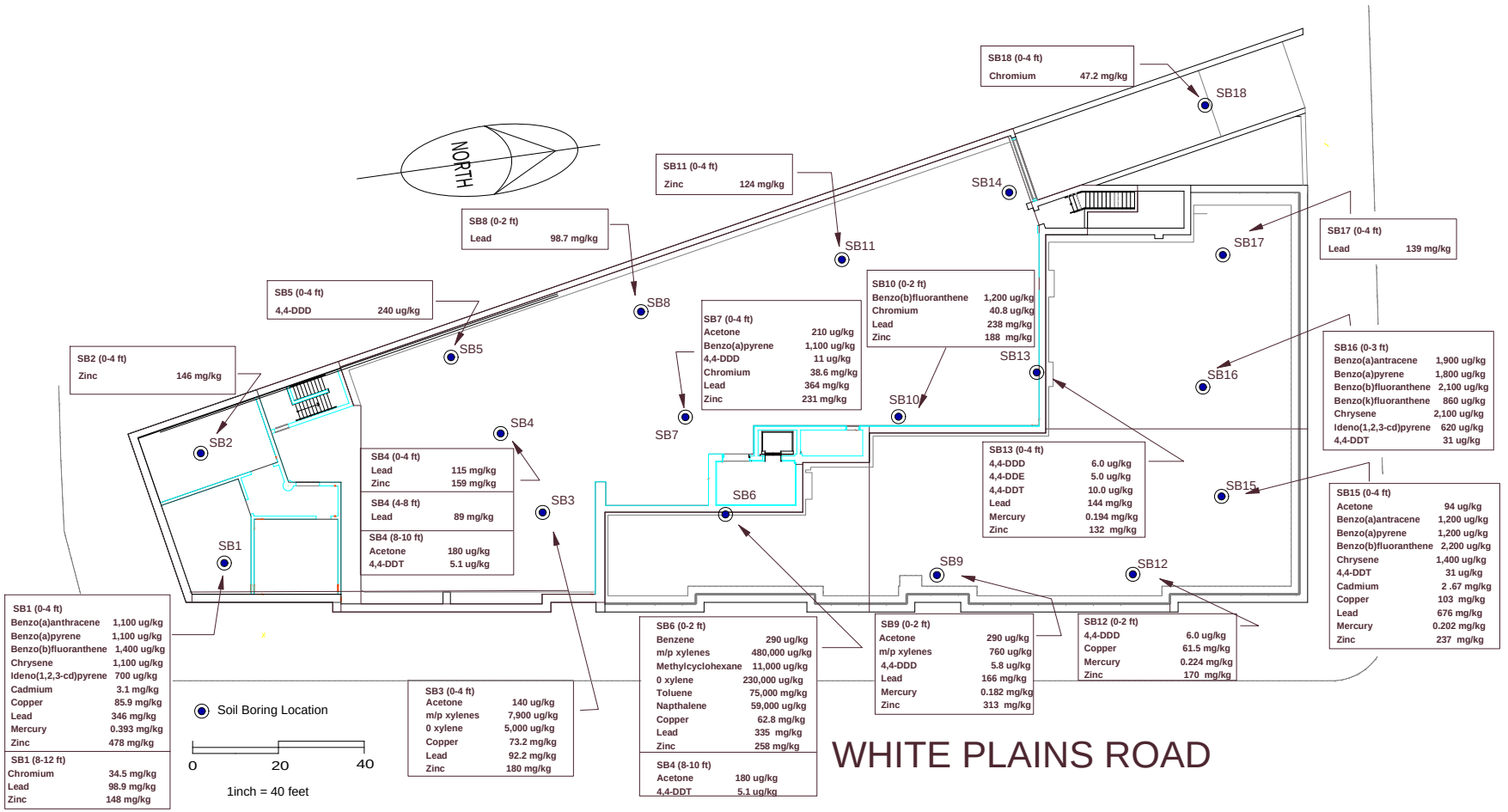
WHITE PLAINS ROAD

EBC
Environmental Business Consultants

Phone 631.504.6000
Fax 631. 924 .2870

Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY

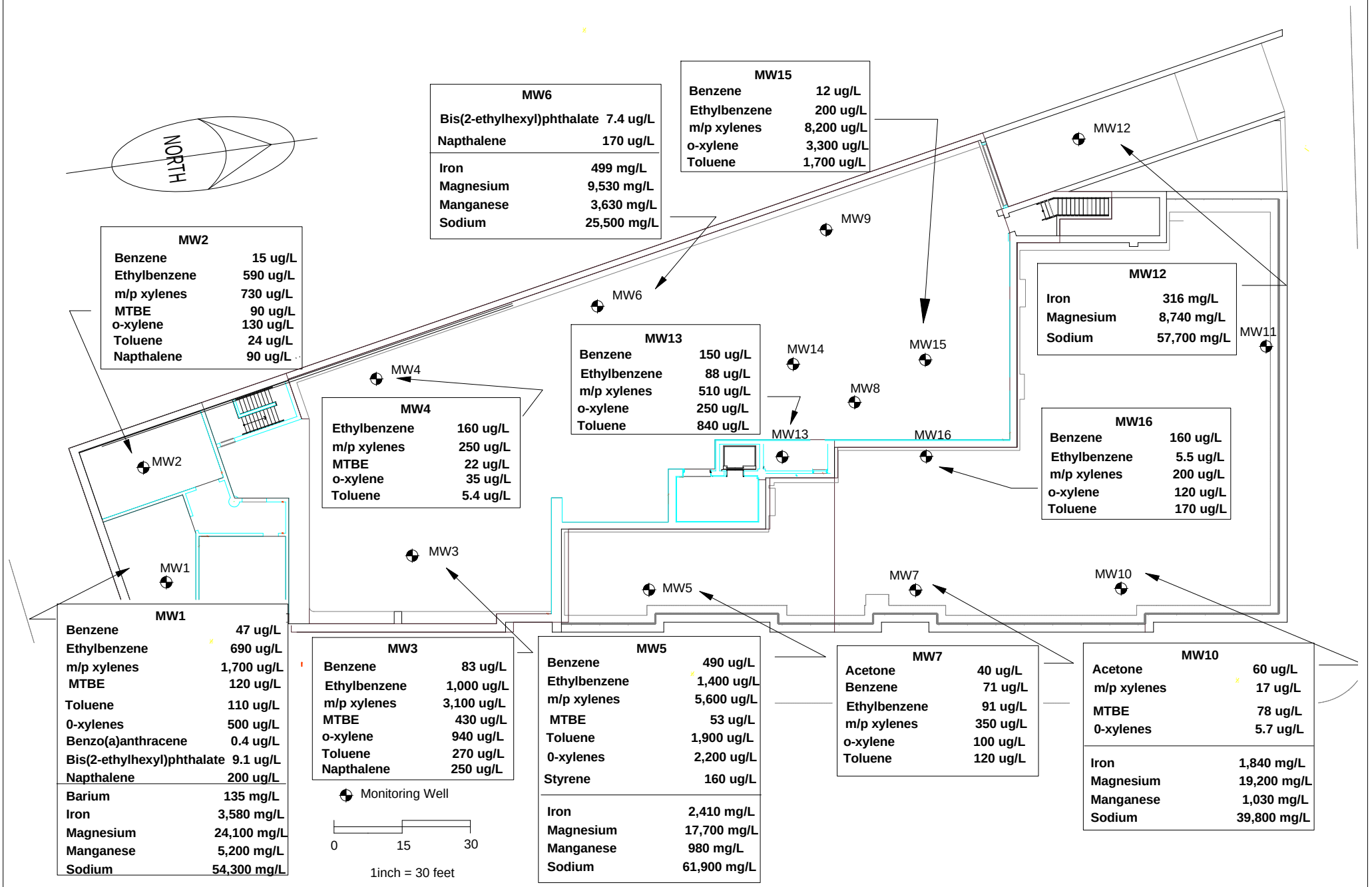
FIGURE 7
Groundwater Elevation Map - 12/5/07



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

Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY

FIGURE 8
Parameters Above Track 1 Objectives



MW1	
Benzene	47 ug/L
Ethylbenzene	690 ug/L
m/p xylenes	1,700 ug/L
MTBE	120 ug/L
Toluene	110 ug/L
0-xylenes	500 ug/L
Benzo(a)anthracene	0.4 ug/L
Bis(2-ethylhexyl)phthalate	9.1 ug/L
Napthalene	200 ug/L
Barium	135 mg/L
Iron	3,580 mg/L
Magnesium	24,100 mg/L
Manganese	5,200 mg/L
Sodium	54,300 mg/L

MW2	
Benzene	15 ug/L
Ethylbenzene	590 ug/L
m/p xylenes	730 ug/L
MTBE	90 ug/L
o-xylene	130 ug/L
Toluene	24 ug/L
Napthalene	90 ug/L

MW3	
Benzene	83 ug/L
Ethylbenzene	1,000 ug/L
m/p xylenes	3,100 ug/L
MTBE	430 ug/L
o-xylene	940 ug/L
Toluene	270 ug/L
Napthalene	250 ug/L

MW4	
Ethylbenzene	160 ug/L
m/p xylenes	250 ug/L
MTBE	22 ug/L
o-xylene	35 ug/L
Toluene	5.4 ug/L

MW5	
Benzene	490 ug/L
Ethylbenzene	1,400 ug/L
m/p xylenes	5,600 ug/L
MTBE	53 ug/L
Toluene	1,900 ug/L
0-xylenes	2,200 ug/L
Styrene	160 ug/L
Iron	2,410 mg/L
Magnesium	17,700 mg/L
Manganese	980 mg/L
Sodium	61,900 mg/L

MW6	
Bis(2-ethylhexyl)phthalate	7.4 ug/L
Napthalene	170 ug/L
Iron	499 mg/L
Magnesium	9,530 mg/L
Manganese	3,630 mg/L
Sodium	25,500 mg/L

MW7	
Acetone	40 ug/L
Benzene	71 ug/L
Ethylbenzene	91 ug/L
m/p xylenes	350 ug/L
o-xylene	100 ug/L
Toluene	120 ug/L

MW10	
Acetone	60 ug/L
m/p xylenes	17 ug/L
MTBE	78 ug/L
0-xylenes	5.7 ug/L
Iron	1,840 mg/L
Magnesium	19,200 mg/L
Manganese	1,030 mg/L
Sodium	39,800 mg/L

MW12	
Iron	316 mg/L
Magnesium	8,740 mg/L
Sodium	57,700 mg/L

MW13	
Benzene	150 ug/L
Ethylbenzene	88 ug/L
m/p xylenes	510 ug/L
o-xylene	250 ug/L
Toluene	840 ug/L

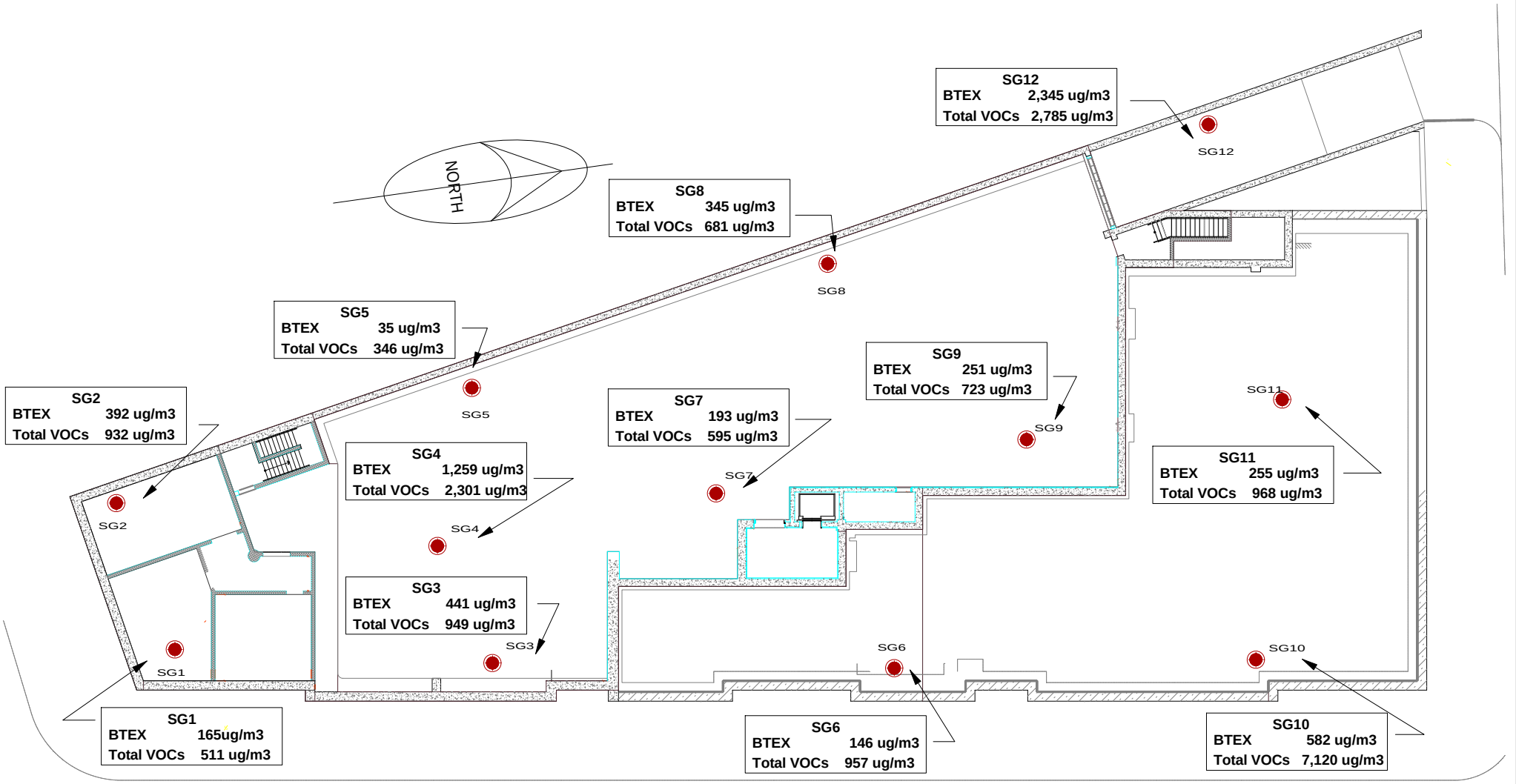
MW15	
Benzene	12 ug/L
Ethylbenzene	200 ug/L
m/p xylenes	8,200 ug/L
o-xylene	3,300 ug/L
Toluene	1,700 ug/L

MW16	
Benzene	160 ug/L
Ethylbenzene	5.5 ug/L
m/p xylenes	200 ug/L
o-xylene	120 ug/L
Toluene	170 ug/L

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

Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY

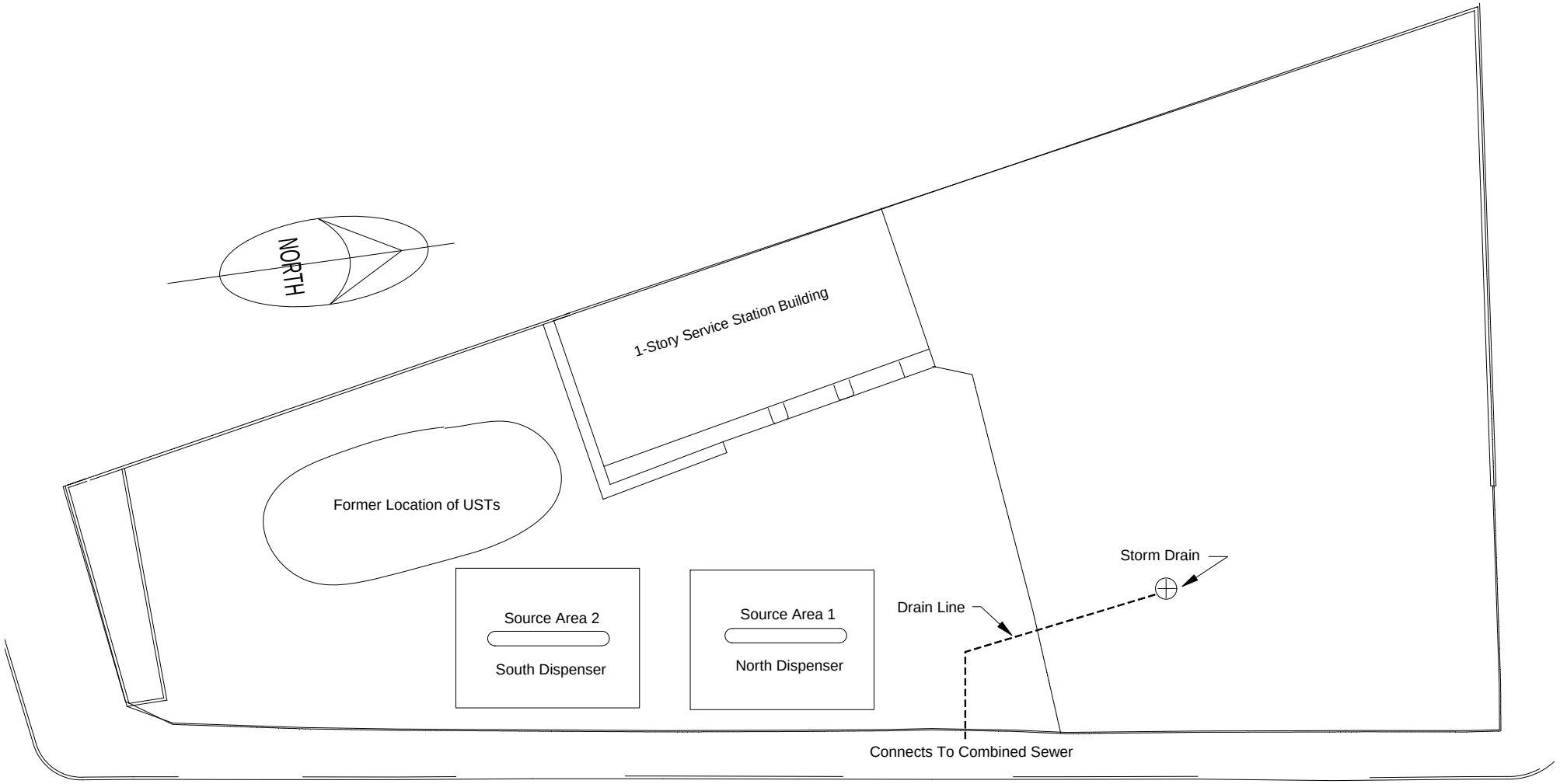
FIGURE 9 Exceedances in Groundwater Standards



EBC
Environmental Business Consultants
Phone 631.924.0870
Fax 631. 924 .2870

Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY

FIGURE 10 Soil Gas Results



0 15 30

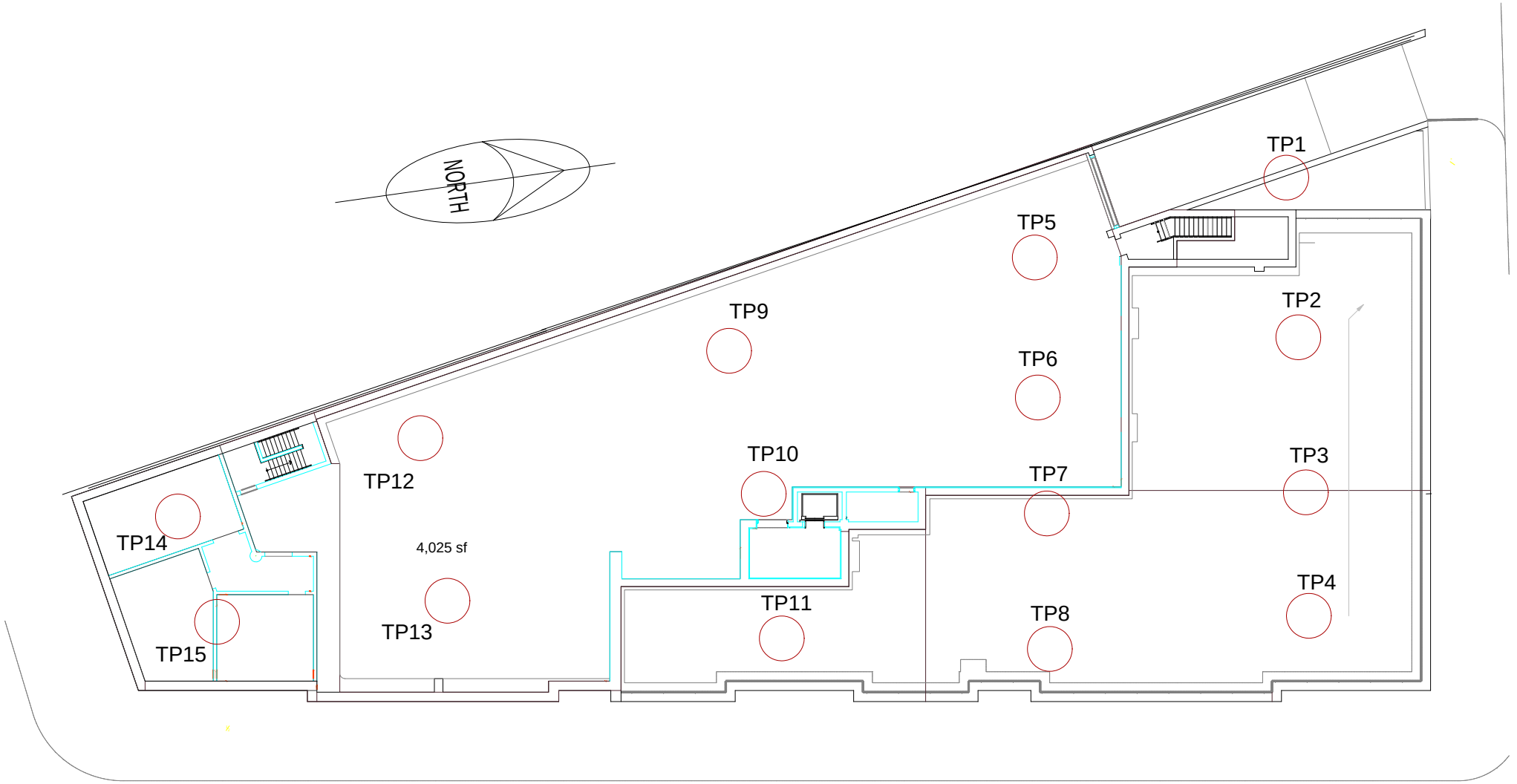
Scale: 1 inch = 30 ft

WHITE PLAINS ROAD

EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631.924.2870

3035 White Plains road, Bronx, NY
Former Dico G Auto & Truck Repair

FIGURE 11 - Site Plan



0 15 30

1inch = 30 feet

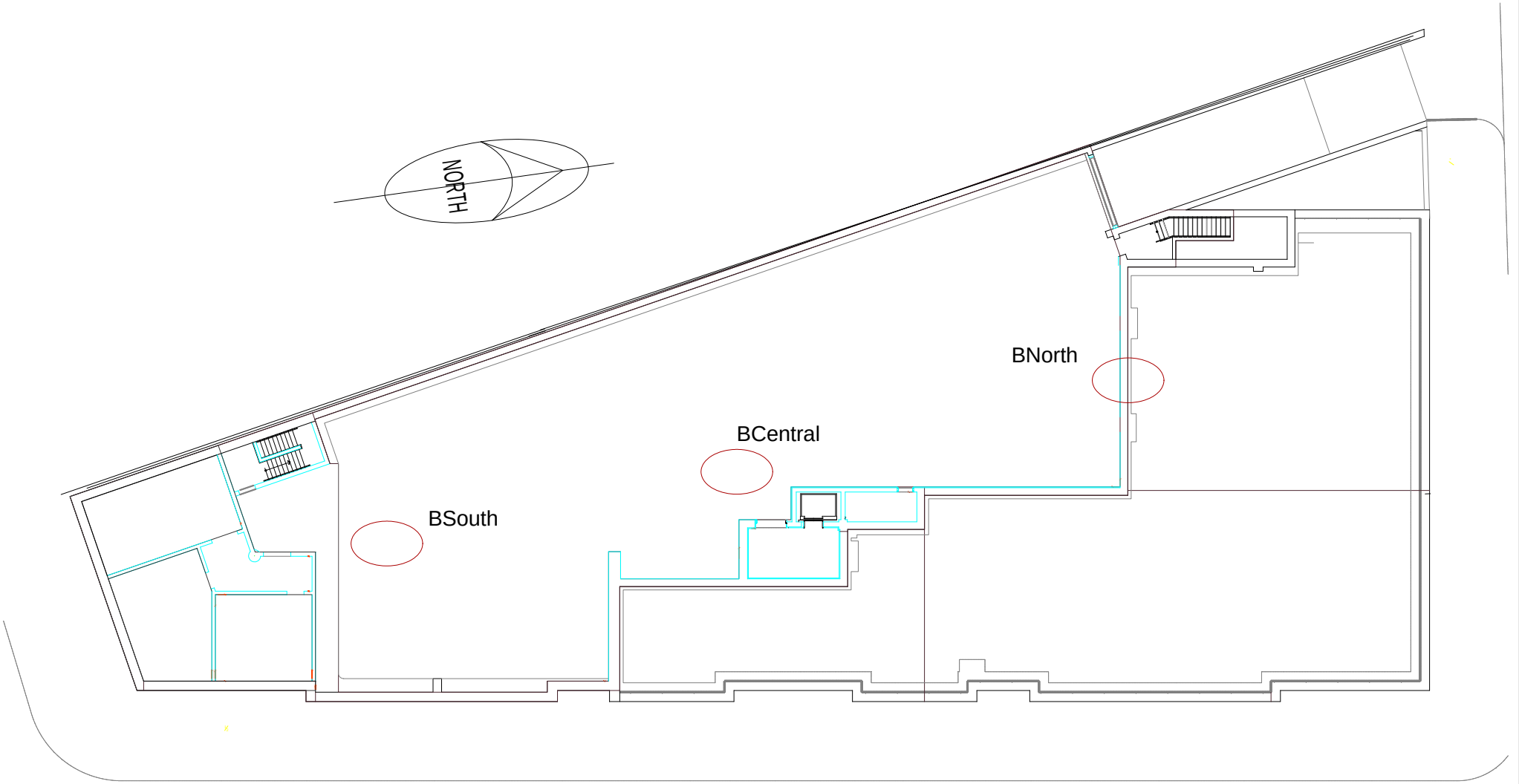
Test Pit Sampling Location

EBC
Environmental Business Consultants

Phone 631.504.6000
Fax 631. 924 .2870

Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY

FIGURE 12 Test Pit Locations



0 15 30

1inch = 30 feet

Bedrock Sampling Location

EBC
Environmental Business Consultants

Phone 631.504.6000
Fax 631. 924 .2870

Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY

FIGURE 13 Bedrock Sampling Locations

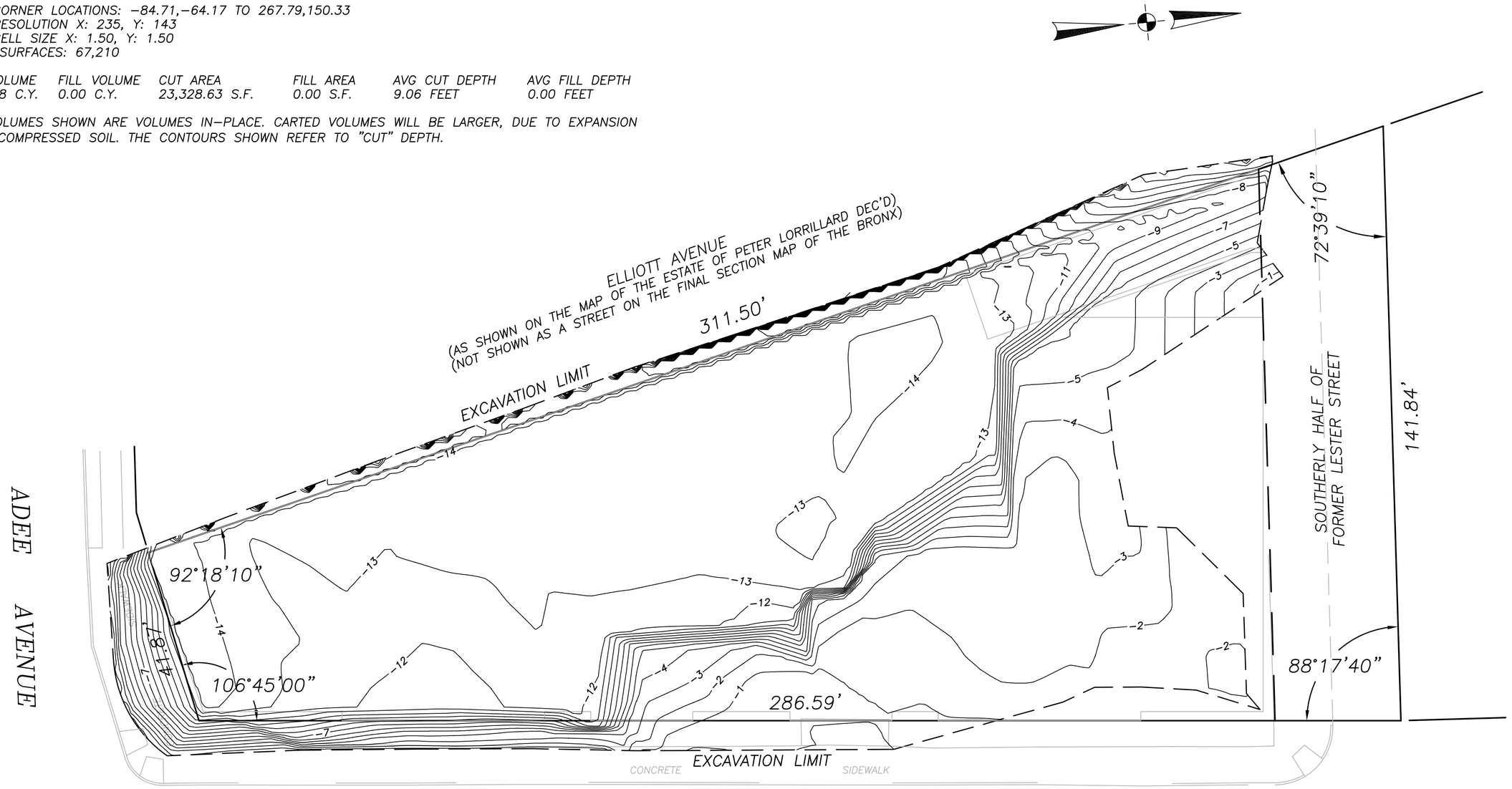
EXCAVATION VOLUME REPORT

THE EXCAVATION VOLUME WAS CALCULATED BY COMPARING VOLUMETRIC GRID FILES GENERATED FROM FIELD SURVEY DATA. THE PRE–EXCAVATION SURVEY WAS PERFORMED JANUARY 4, 2007. THE EXCAVATION SURVEY WAS PERFORMED MAY 5, 2008.

GRID CORNER LOCATIONS: –84.71,–64.17 TO 267.79,150.33
GRID RESOLUTION X: 235, Y: 143
GRID CELL SIZE X: 1.50, Y: 1.50
TOTAL SURFACES: 67,210

CUT VOLUME	FILL VOLUME	CUT AREA	FILL AREA	AVG CUT DEPTH	AVG FILL DEPTH
7824.68 C.Y.	0.00 C.Y.	23,328.63 S.F.	0.00 S.F.	9.06 FEET	0.00 FEET

THE VOLUMES SHOWN ARE VOLUMES IN–PLACE. CARTED VOLUMES WILL BE LARGER, DUE TO EXPANSION OF UNCOMPRESSED SOIL. THE CONTOURS SHOWN REFER TO "CUT" DEPTH.



Date	Revisions

"Unauthorized alteration or addition to a survey map bearing a licensed Land Surveyor's seal is a violation of Article 134, Section 7209, Subdivision 2, of the New York State Education Law."
"Copies from the original of this survey map not marked with an original of the Land Surveyor's inked seal or his embossed seal shall not be considered a valid true copy."
"Certification indicated hereon signify that this survey was prepared in accordance with the existing Code of Practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors. Said Certifications shall run only to the person for whom the survey is prepared and on his behalf to the title company, governmental agency, and lending institution. Certifications are not transferable to additional institutions or subsequent owners."
"The offsets (or dimensions) shown hereon from the structures to the property lines are for a specific purpose and use and therefore are not intended to guide the erection of fences, retaining walls, pools, patios, planting areas, additions to buildings or any other construction."
"Easements in existence or of record, if any, not shown."

STATE OF NEW YORK * JOHN J. TOSCANO * NO. 049872 LICENSED LAND SURVEYOR

John J. Toscano P.L.S. 049872

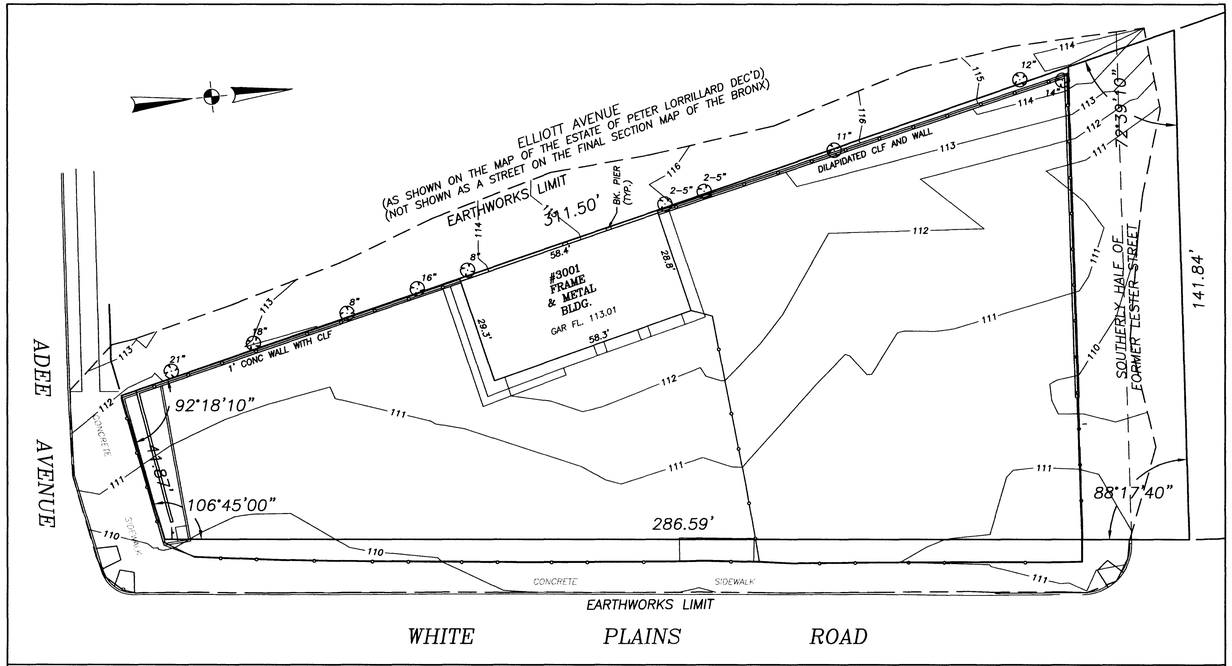
MAP SHOWING EXCAVATION VOLUME OF PROPERTY IN THE BRONX, NEW YORK
SHOWN AS BLOCK 4545, LOT 14
AND THE SOUTHERLY HALF OF FORMER LESTER STREET
ON THE CITY OF NEW YORK TAX ASSESSMENT MAP

CARMAN–DUNNE, P.C.
CONSULTING ENGINEERS & SURVEYORS
2 Lakeview Avenue, Lynbrook, New York 11563
TEL. (516) 599–5563 FAX (516) 593–4873

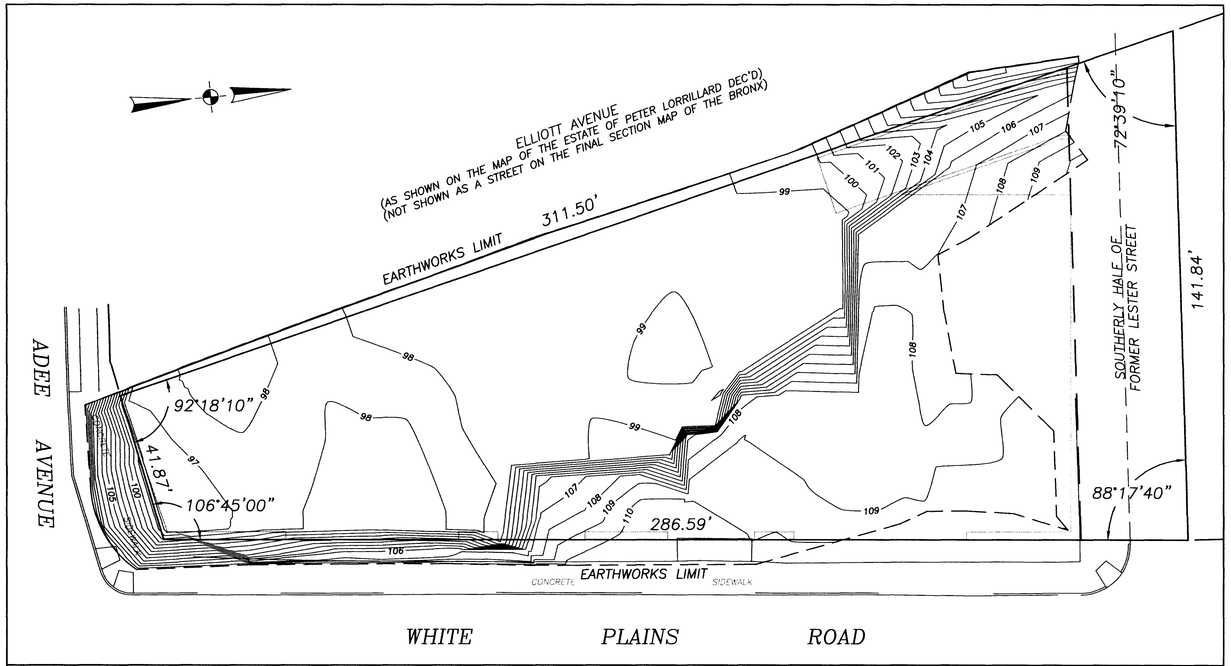
Date:	File: ...\2006\2006372\WKS_Volume_Calc.dwg
MAY 5, 2007	Palette: LegacyCDunne

Plate No.:	Project No.:	Scale:	Sheet
187	2006372.00	1"=20'	1 of 1

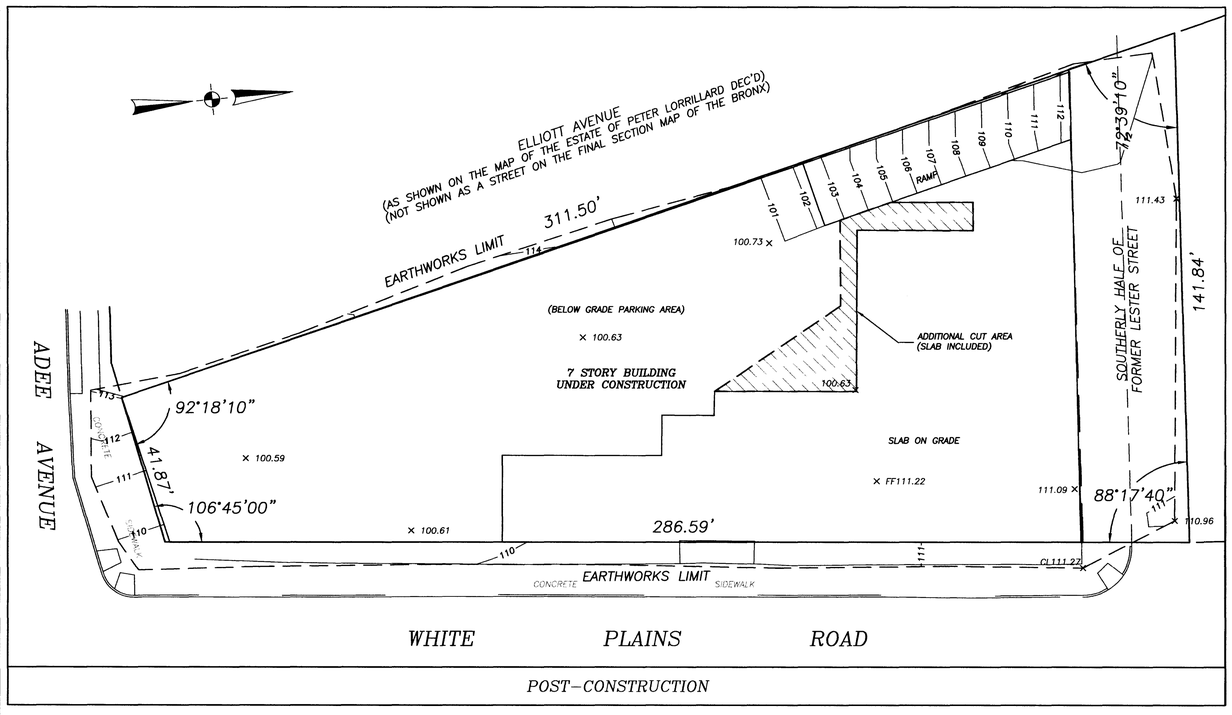
FIGURE 14



PRE–CONSTRUCTION



MID–CONSTRUCTION



POST–CONSTRUCTION

EARTHWORK VOLUMES REPORT

THE EARTHWORK VOLUMES WAS CALCULATED BY COMPARING VOLUMETRIC GRID FILES GENERATED FROM FIELD SURVEY DATA. THE PRE–CONSTRUCTION SURVEY WAS PERFORMED JANUARY 4, 2007. THE MID–CONSTRUCTION SURVEY WAS PERFORMED MAY 5, 2008. THE POST–CONSTRUCTION SURVEY WAS PERFORMED DECEMBER 20, 2008.

GRID CORNER LOCATIONS: –84.71,–64.17 TO 267.79,150.33
GRID RESOLUTION X: 235, Y: 143
GRID CELL SIZE X: 1.50, Y: 1.50
TOTAL SURFACES: 67,210

MID–CONSTRUCTION VOLUMES

CUT VOLUME	FILL VOLUME	CUT AREA	FILL AREA	AVG CUT DEPTH	AVG FILL DEPTH
7824.7 C.Y.	0.0 C.Y.	23,328.6 S.F.	0.0 S.F.	9.1 FEET	0.0 FEET

POST CONSTRUCTION VOLUMES

CUT VOLUME	FILL VOLUME	CUT AREA	FILL AREA	AVG CUT DEPTH	AVG FILL DEPTH
82.7 C.Y.	3,002.4 C.Y.	1,030.9 S.F	28,069.8 S.F	2.2 FEET	2.9 FEET

SLAB VOLUMES

CUT VOLUME	FILL VOLUME
49.0 C.Y.	–1,033.3 C.Y.

TOTAL VOLUMES

CUT VOLUME	FILL VOLUME
7,956.4 C.Y.	1,969.1 C.Y.

THE VOLUMES SHOWN ARE VOLUMES IN–PLACE. CARTED VOLUMES WILL HAVE BEEN LARGER, DUE TO EXPANSION OF UNCOMPRESSED SOIL.

Date	Revisions

STATE OF NEW YORK · JOHN J. TOSCANO · 049872 · LICENSED LAND SURVEYOR

John J. Toscano P.L.S. 049872

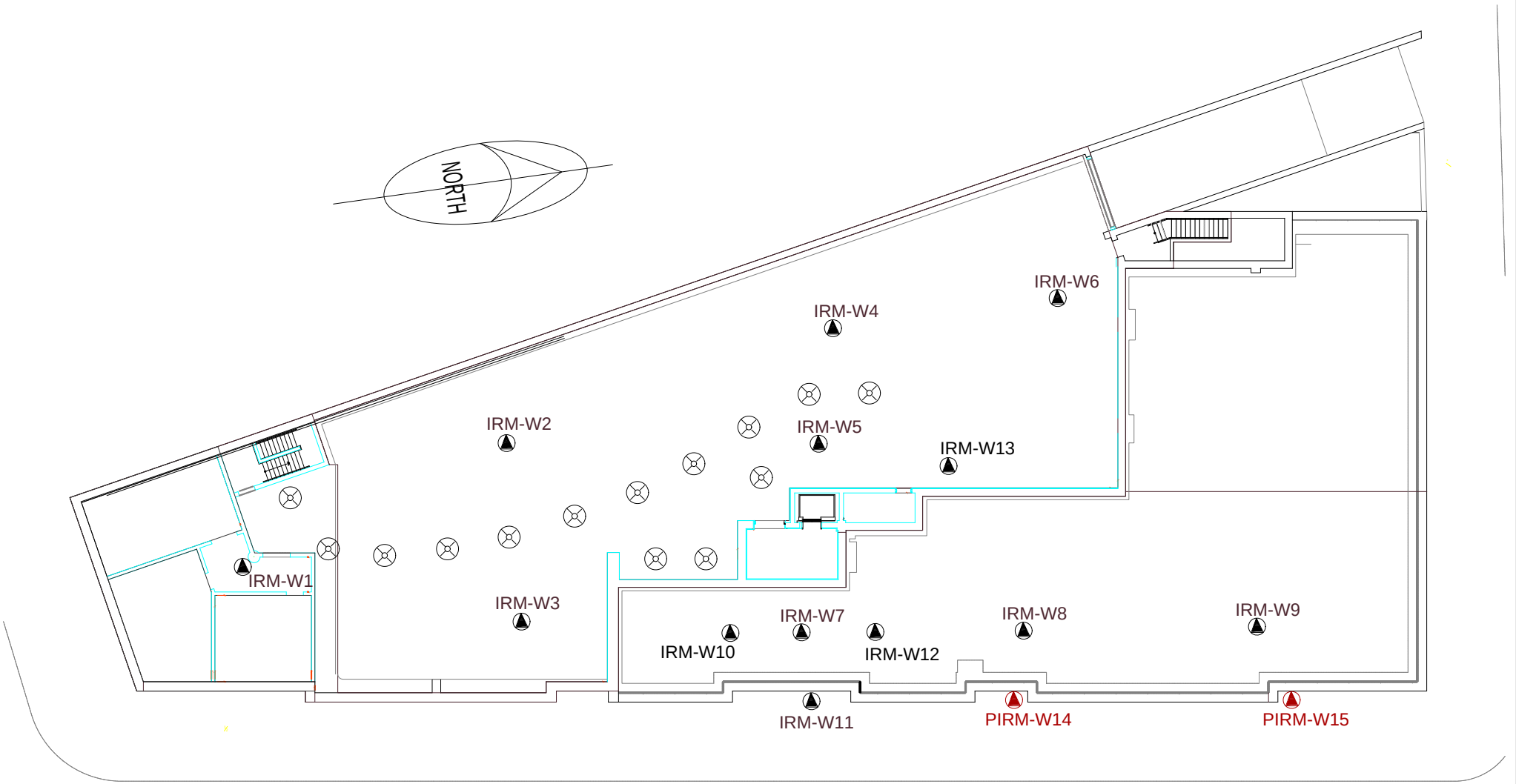
MAP SHOWING EARTHWORK VOLUMES OF PROPERTY IN THE BRONX, NEW YORK
SHOWN AS BLOCK 4545, LOT 14
AND THE SOUTHERLY HALF OF FORMER LESTER STREET
ON THE CITY OF NEW YORK TAX ASSESSMENT MAP

CARMAN–DUNNE, P.C.
CONSULTING ENGINEERS & SURVEYORS
2 Lakeview Avenue, Lynbrook, New York 11563
TEL. (516) 599–5563 FAX (516) 593–4873

Date:	File: ...\2006\2006372\2006372_Fill_Calc.dwg
DEC. 20, 2008	Palette: LegacyCDunne

Plate No.:	Project No.:	Scale:	Sheet
187	2006372.00	1"=20'	1 of 1

FIGURE 15



Groundwater Monitoring Well

PIRM-W14 Proposed Replacement Wells for IRM-W8 and IRM-W9 if lost due to building occupancy

Chemical Oxidant Injection Well

Note: IRM-W10, 11, 12 and 13 installed for LPH delineation.
IRM-W10, 12 and 13 may also be used for LPH recovery or as chemical oxidant injection wells

WHITE PLAINS ROAD

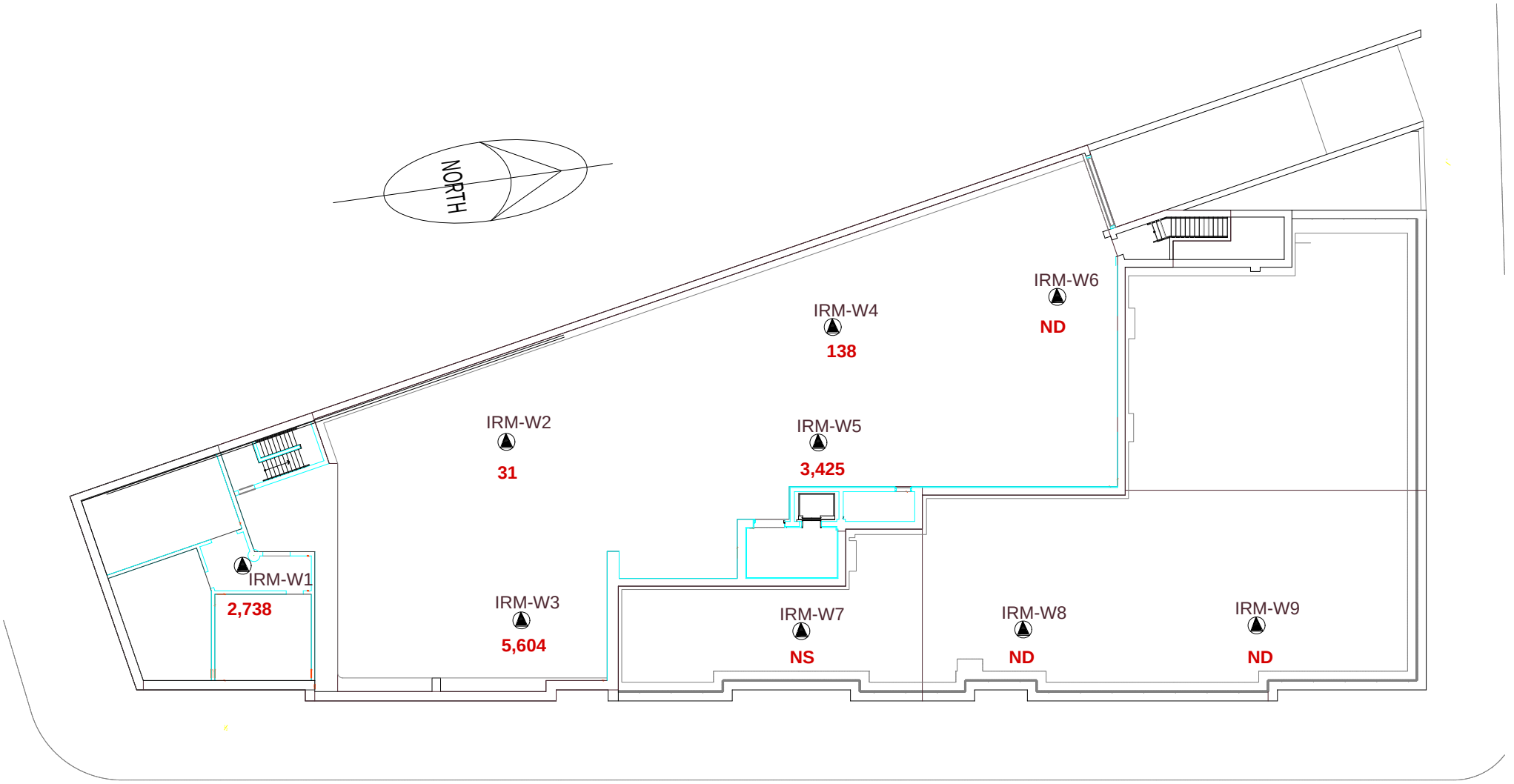
0 15 30

1inch = 30 feet

EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631.924.2870

Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY

FIGURE 16 Injection and Monitoring Well Locations



Groundwater Monitoring Well

1,000 Total VOCs ug/L

LPH - Liquid Phase Hydrocarbons

ND - No Detections

NS - Not Sampled

0 15 30

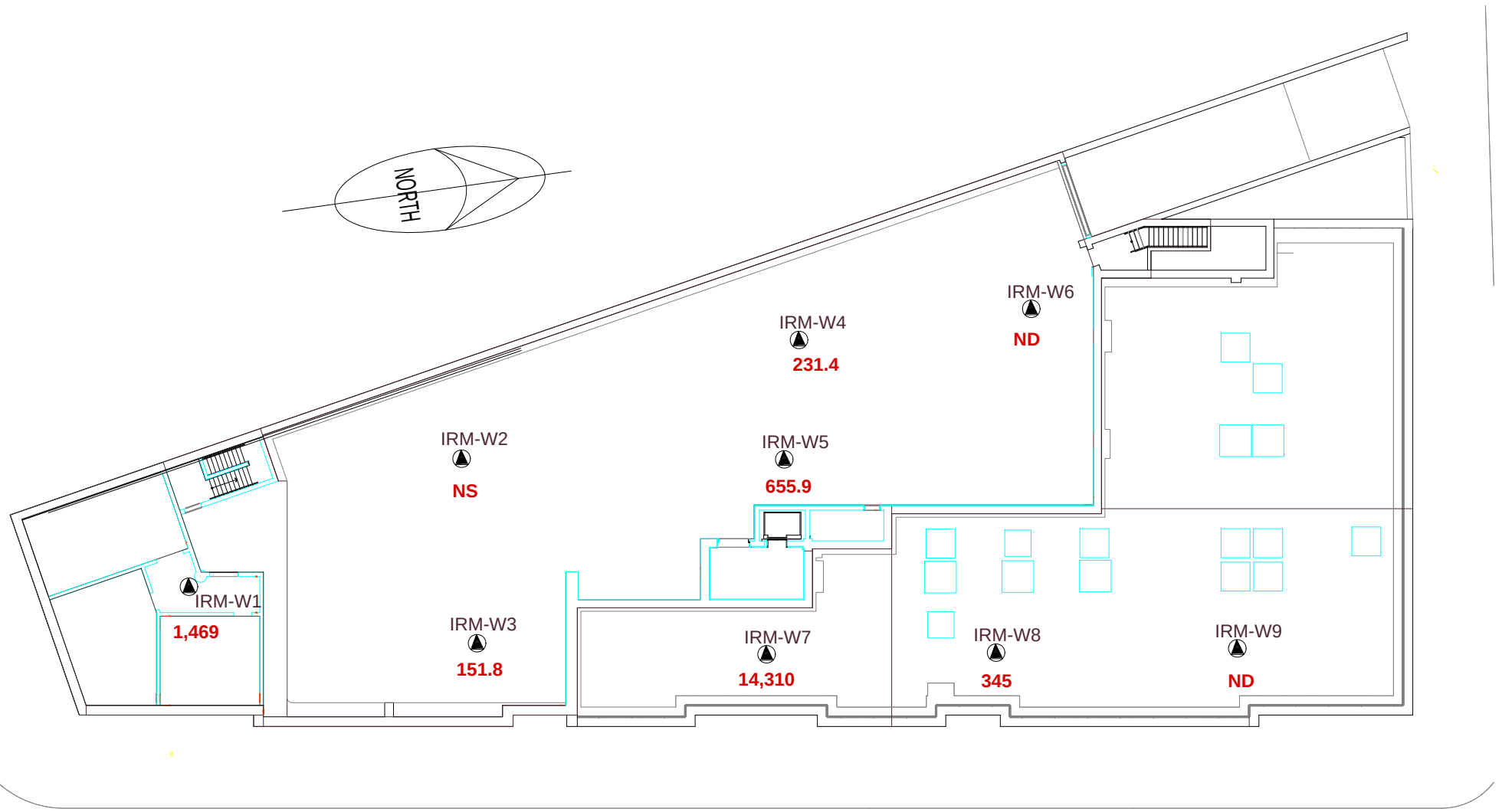
1inch = 30 feet

WHITE PLAINS ROAD

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631.924.2870

FORMER DICO G AUTO & TRUCK REPAIR
3035 WHITE PLAINS ROAD, BRONX, NY

FIGURE 17 IRM BASELINE SAMPLING RESULTS 5/27/08 - ROUND 1



Groundwater Monitoring Well

1,000 Total VOCs ug/L

LPH - Liquid Phase Hydrocarbons

ND - No Detections

NS - Not Sampled

0 15 30

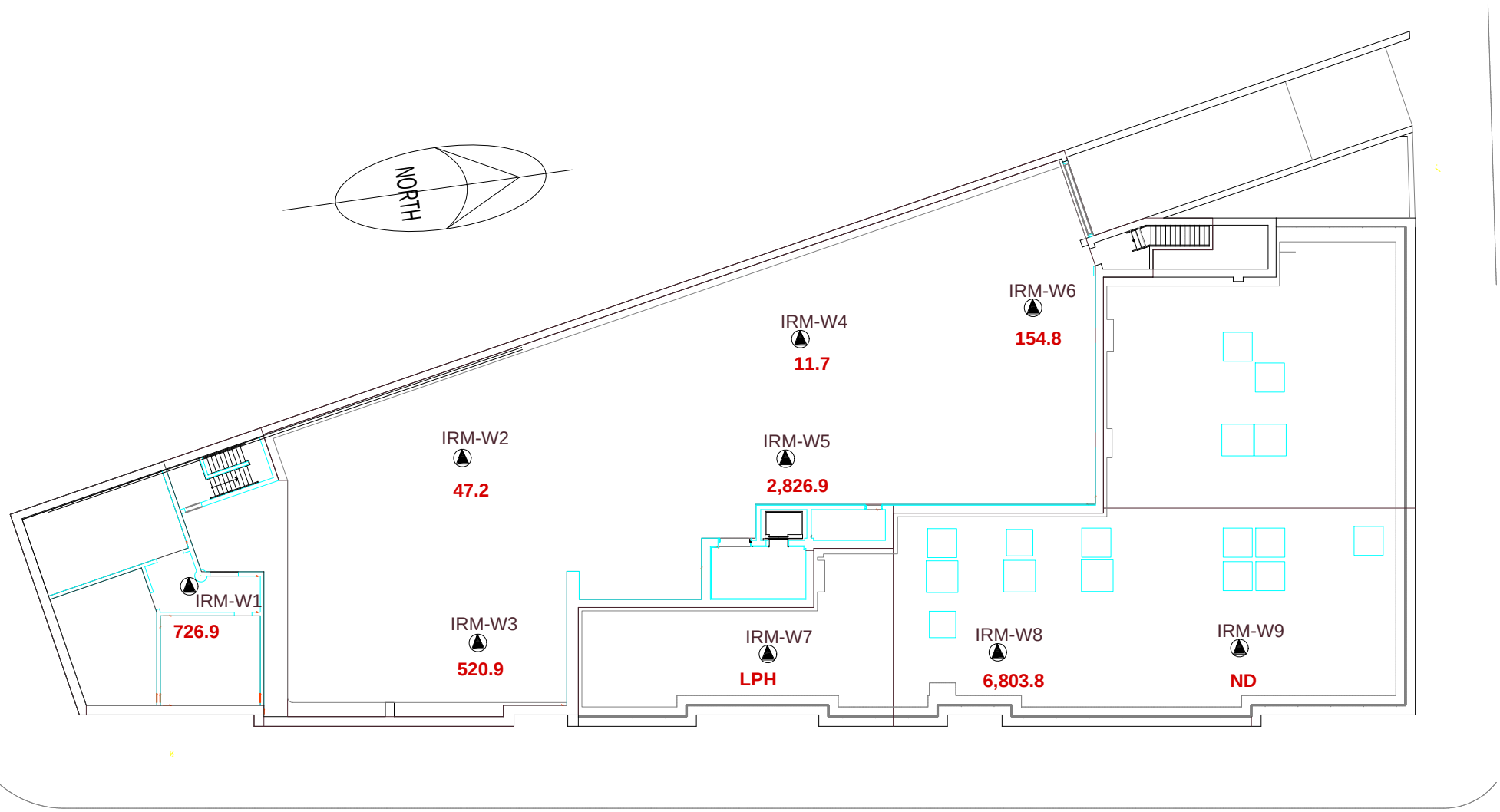
1inch = 30 feet

WHITE PLAINS ROAD

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631.927.2870

FORMER DICO G AUTO & TRUCK REPAIR
3035 WHITE PLAINS ROAD, BRONX, NY

FIGURE 18 IRM PERFORMANCE SAMPLING RESULTS 8/8/08 - ROUND 2



Groundwater Monitoring Well

1,000 Total VOCs ug/L

LPH - Liquid Phase Hydrocarbons

ND - No Detections

NS - Not Sampled

0 15 30

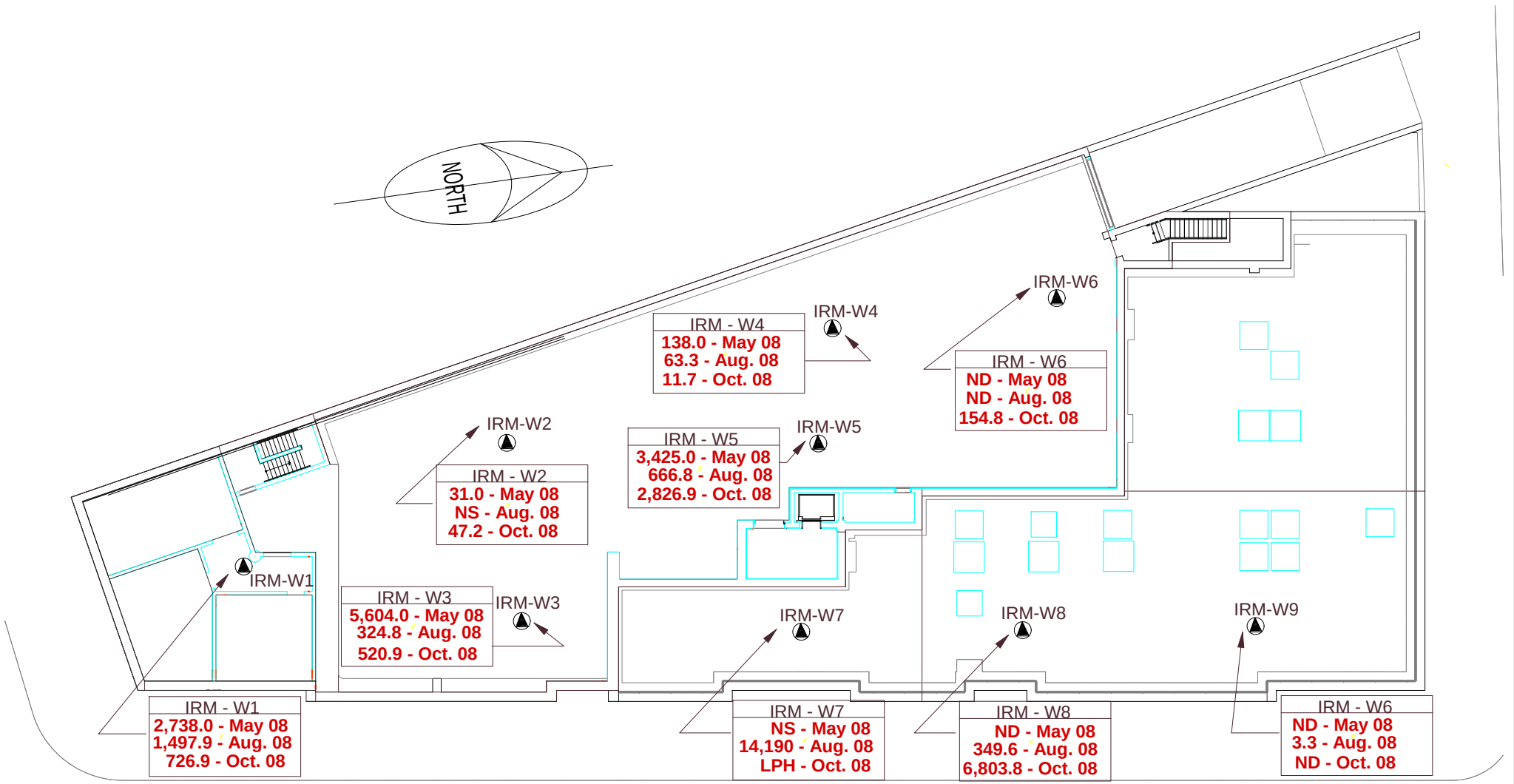
1inch = 30 feet

WHITE PLAINS ROAD

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631.927.2870

FORMER DICO G AUTO & TRUCK REPAIR
3035 WHITE PLAINS ROAD, BRONX, NY

FIGURE 19 IRM PERFORMANCE SAMPLING RESULTS 10/3/08 - ROUND 3



Groundwater Monitoring Well

1,000 Total VOCs ug/L

LPH - Liquid Phase Hydrocarbons

ND - No Detections

NS - Not Sampled

0 15 30

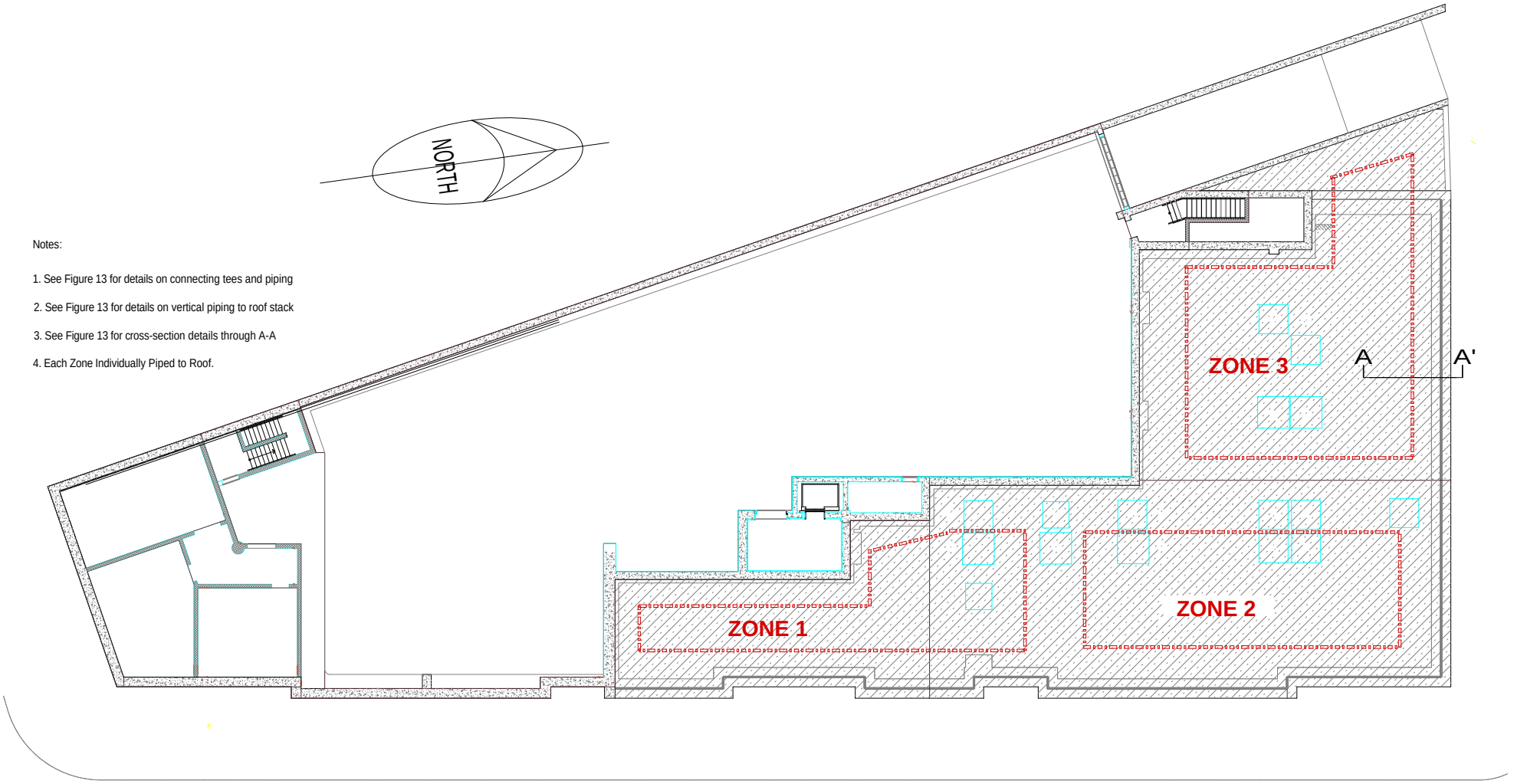
1inch = 30 feet

WHITE PLAINS ROAD

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631.927.2870

FORMER DICO G AUTO & TRUCK REPAIR
3035 WHITE PLAINS ROAD, BRONX, NY

FIGURE 20 IRM PERFORMANCE SAMPLING RESULTS - ALL ROUNDS



Notes:

1. See Figure 13 for details on connecting tees and piping
2. See Figure 13 for details on vertical piping to roof stack
3. See Figure 13 for cross-section details through A-A
4. Each Zone Individually Piped to Roof.

4" Perforated HDPE vent line w / filter sock

0 15 30

1inch = 30 feet

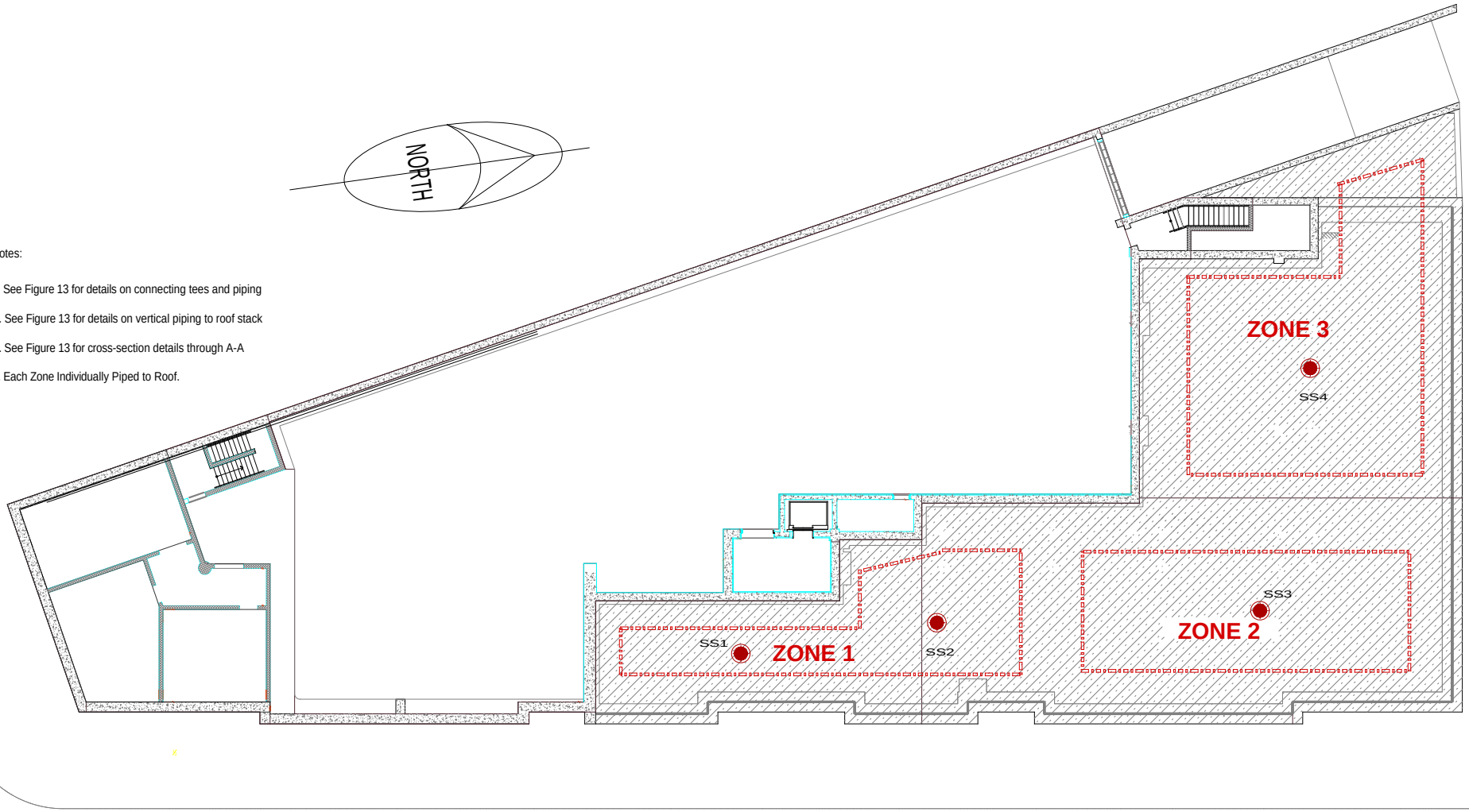
WHITE PLAINS ROAD

EBC
Environmental Business Consultants

Phone 631.504.6000
Fax 631. 924 .2870

Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY

FIGURE 21 Sub-Slab Depressurization System Layout



Notes:

1. See Figure 13 for details on connecting tees and piping
2. See Figure 13 for details on vertical piping to roof stack
3. See Figure 13 for cross-section details through A-A
4. Each Zone Individually Piped to Roof.

SS1 Sub-Slab Sampling Location

4" Perforated HDPE vent line w / filter sock

0 15 30

1inch = 30 feet

WHITE PLAINS ROAD

EBC
Environmental Business Consultants

Phone 631.504.6000
Fax 631. 924 .2870

Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY

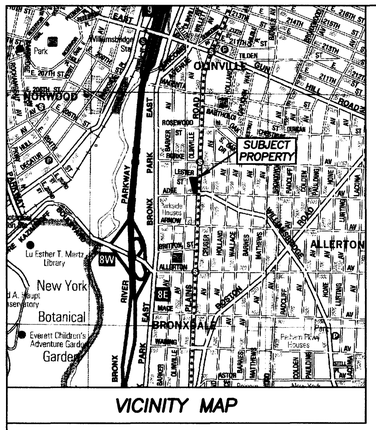
FIGURE 22 Sub-Slab Sampling Locations

APPENDIX - A

Digital Copy of Final Engineering Report, Remedial Action Work Plan and Site Management Plan

APPENDIX – B

BCP Boundary Map



VICINITY MAP

SIGNIFICANT DEBRIS IN THIS AREA

LESTER STREET (60' WIDE)

TAX LOT 1 | TAX LOT 102 | TAX LOT 3 | TAX LOT 4 | TAX LOT 5 | TAX LOT 6 | TAX LOT 7 | TAX LOT 8 | TAX LOT 9 | TAX LOT 10 | TAX LOT 11

(AS SHOWN ON THE MAP OF THE ESTATE OF PETER LORRILLARD DEC'D)
(NOT SHOWN AS A STREET ON THE FINAL SECTION MAP OF THE BRONX)

ELLIOTT AVENUE

ADEE AVENUE (75' WIDE – PUBLIC ROAD)

12.8' | 49.9' | 12.2'

311.50'

92°18'10"

106°45'00"

88°17'40"

72°39'10"

107°26'29"

181°20'47"

16°39'13"

UNOCCUPIED AREA NOT AFFECTED BY ENGINEERING CONTROLS
17,535.2 SQ. FT.
0.4026 ACRES

OCCUPIED AREA AFFECTED BY ENGINEERING CONTROLS (SUB SLAB DEPRESSURIZATION SYSTEM AND VAPOR BARRIER)
9,297.8 SQ. FT.
0.2134 ACRES

6 STORY BUILDING (UNDER CONTRUCTION)
TAX LOTS 1001 & 1002

ACTIVE MATERIALS STORAGE IN THIS AREA

SOUTHERLY HALF OF FORMER LESTER STREET

141.84'

112.09'

30.0'

RETAINING WALL

41.87'

286.59'

99.60'

162.05'

35.54'

44.55'

39.72'

14.63'

32.53'

44.93'

6.28'

9.29'

19.93'

50.12'

BLDG 0.1'S 0.1'E

BLDG 0.1'S 1.3'E

BLDG 0.1'N

FE. 0.3S 0.4E

FE. 0.7S/0.8E

FE. 6.3 E

CONCRETE SIDEWALK

GATE | CHAIN LINK FENCE | CONC GATE | GATE

24" COMB FLOW DC | CURB CUT | CONCRETE | CURB | SIDEWALK CUT | 24" COMB FLOW CURB CUT

15.2' | 100.0' | 36.4' | 37.9' | 70.5' | 106.7' | 110.1'

6" SANITARY – DRY (PITCH)

ELEVATED SUBWAY COLUMN (TYPICAL)

ELEVATED SUBWAY

LINE OF ELEVATED WALKWAY

WHITE PLAINS ROAD (100' WIDE – PUBLIC ROAD)

POINT OF BEGINNING

NYS PLANE COORDINATES (LONG ISLAND ZONE)
N 256,490
E 1,020,936

PARCEL BOUNDARY & ENVIRONMENTAL EASEMENT LINE (LIMIT OF GROUND WATER CONTROLLED AREA – ENTIRE SITE)

CONCRETE SIDEWALK

BAR SCALE

0 20 40 60

ENVIRONMENTAL AREA LEGEND

UNOCCUPIED AREA NOT AFFECTED BY ENGINEERING CONTROLS
17,535.2 S.F. OR 0.4026 ACRES

OCCUPIED AREA AFFECTED BY ENGINEERING CONTROLS (SUB SLAB DEPRESSURIZATION SYSTEM AND VAPOR BARRIER)
9,297.8 SQ. FT. OR 0.2134 ACRES

LIMIT OF GROUND WATER CONTROL AREA (ENTIRE SITE)
26,833 S.F. OR 0.6160 ACRES

NOTE: THERE ARE NO SOFT CAPPED AREAS ON THE PROPERTY

LEGEND

S	SEWER LINE		SIGNS
W	WATER LINE		LIGHT POLES
	CHAIN LINK FENCE	E	ELECTRIC MANHOLE
OHW	OVERHEAD WIRES		CATCH BASIN INLETS
S	SEWER MANHOLE	V	UNKNOWN VALVE
T	TELEPHONE MANHOLE	CURB CUT	EXISTING CURB CUT
U	UNKNOWN MANHOLE		PEDESTRIAN RAMP

NOTE:

- PARCEL & ENVIRONMENTAL EASEMENT AREA: 26,833 SF OR 0.6160 ACRES MORE OR LESS
- THE SUBJECT PROPERTY IS LOCATED WITHIN ZONE C (AREAS OF MINIMAL FLOODING) AS SHOWN ON FLOOD INSURANCE RATE MAP (FIRM) – COMMUNITY PANEL NUMBER 360497 0012B EFFECTIVE DATE: NOVEMBER 16, 1983
- STREET AND SURROUNDING FEATURES ARE SHOWN BASED UPON A FIELD SURVEY PERFORMED ON JUNE 14, 2007
- THE UTILITIES HEREON ARE BASED UPON A "BEST FIT" CORRELATION OF RECORD PLANS, MAPS AND SURFACE EVIDENCE. OTHER UTILITIES MAY EXIST ON THE SITE AND NOT BE SHOWN. NO CERTIFICATION OR WARRANTY IS EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OR COMPLETENESS OF THIS UTILITY INFORMATION.
- ALL CURB IS METAL FACED
- THERE ARE NO VISIBLE WATER COURSES RUNNING WITHIN SUBJECT PROPERTY.
- THE PREPARATION OF THIS SURVEY INCLUDED A REVIEW OF THE LIBERTY TITLE AGENCY REPORT COMMITMENT NO. LTNY-6433-B-08 WITH AN EFFECTIVE DATE OF 11/17/2008 INCLUDING THE LISTING SCHEDULE B – EXCEPTION RELATED ITEMS.

TITLE REPORT EXCEPTIONS:

5(a) – COVENANTS AND RESTRICTIONS IN LIBER 778 PAGE 29 (LIMITS USE OF LAND AS SLAUGHTER HOUSE, SMITH SHOP, FORGE, FURNACE, STEAM ENGINE, BRASS FOUNDRY, NAIL OR OTHER FOUNDRY, OR ANY MANUFACTORY OF GUNPOWDER, GLUE, VARNISH, VITRIOL, INK OR TURPENTINE, OR FOR THE TANNING, DRESSING OR PREPARING SKINS, HIDES OR LEATHER OR ANY BREWERY. DISTILLERY OR ANY OTHER NOXIOUS OR DANGEROUS TRADE OR BUSINESS OR ANY BUILDING OF THE CHARACTER OR DESCRIPTION COMMONLY KNOWN AS A TENEMENT HOUSE)

5(b) – PUBLIC AND PRIVATE EASEMENTS OVER THE BED OF LESTER STREET (PRIVATE ROAD). NONE ARE SPECIFICALLY CITED IN THE TITLE REPORT AND THEREFORE ARE NOT PLOTABLE.

5(c) – DECLARATION OF CONDOMINIUM RECORDED IN CRFN 2008000424654 ESTABLISHING A PLAN FOR CONDOMINIUM OWNERSHIP OVER FORMER TAX LOT 14 (NOW TAX LOTS 1001 AND 1002)

CERTIFIED TO:

– NEW YORK STATE – DEPARTMENT OF ENVIRONMENTAL CONSERVATION.

DESCRIPTION OF PARCEL AND ENVIRONMENTAL EASEMENT (GROUND WATER CONTROL AREA – ENTIRE SITE)

All that certain piece or parcel of land, situate, lying and being in the County of Bronx, City and State of New York, shown as Block 4545 Lots 1001 and 1002 and the southerly half of Lester Street as shown on the New York City Tax Map, and being more particularly described as follows:

BEGINNING at a point formed by the intersection of the centerline of Lester Street (a private road) and the westerly side of White Plains Road forming an interior angle of 88 degrees 17 minutes 40 seconds, said point having New York State Plane (Long Island Zone) coordinates of N 256,490 and E 1,020,936

THENCE southerly along the westerly side of White Plains Road a distance of 286.59 feet to the northerly side of Adee Avenue as widened;

THENCE westerly along the northerly side of Adee Avenue forming an interior angle of 106 degrees 45 minutes 00 seconds a distance of 41.87 feet to it's intersection with the easterly line Elliot Avenue as laid out on the Map of The Estate of Peter Lorillard known as Map Number 448, filed April 20, 1871;

THENCE northerly along said line of Elliot Avenue forming an interior angle of 92 degrees 18 minutes 10 seconds a distance of 311.50 feet to it's intersection with the centerline of Lester Street (a private road);

THENCE easterly along the centerline of Lester Street (a private road) forming an interior angle of 72 degrees 39 minutes 10 seconds a distance of 141.84 feet to the point of BEGINNING.

Being 26,833 square feet or 0.6160 acres more or less.

DESCRIPTION OF OCCUPIED AREA AFFECTED BY ENGINEERING CONTROLS (SUB SLAB DEPRESSURIZATION AND VAPOR BARRIER)

All that certain piece or parcel of land, situate, lying and being in the County of Bronx, City and State of New York, and being more particularly described as follows:

COMMENCING at a point formed by the intersection of the centerline of Lester Street (a private road) and the westerly side of White Plains Road forming an interior angle of 88 degrees 17 minutes 40 seconds, said point having New York State Plane (Long Island Zone) coordinates of N 256,490 and E 1,020,936

THENCE southerly along the westerly side of White Plains Road a distance of 30.54 feet to the POINT OF BEGINNING;

THENCE southerly along the westerly side of White Plains Road a distance of 162.05 feet to a point; THENCE westerly forming an interior angle of 90 degrees 00 minutes 00 seconds a distance of 24.14 feet to a point; THENCE northerly forming an interior angle of 90 degrees 00 minutes 00 seconds a distance of 44.55 feet to a point; THENCE westerly forming an interior angle of 270 degrees 00 minutes 00 seconds a distance of 11.20 feet to a point; THENCE northerly forming an interior angle of 90 degrees 00 minutes 00 seconds a distance of 14.63 feet to a point; THENCE westerly forming an interior angle of 270 degrees 00 minutes 00 seconds a distance of 6.70 feet to a point; THENCE northerly forming an interior angle of 90 degrees 00 minutes 00 seconds a distance of 39.72 feet to a point; THENCE westerly forming an interior angle of 270 degrees 00 minutes 00 seconds a distance of 44.93 feet to a point; THENCE northerly forming an interior angle of 90 degrees 00 minutes 00 seconds a distance of 32.53 feet to a point; THENCE westerly forming an interior angle of 270 degrees 00 minutes 00 seconds a distance of 19.93 feet to a point; THENCE northerly forming an interior angle of 18 degrees 39 minutes 13 seconds a distance of 50.12 feet to a point on the southerly line of Lester Street; Thence easterly along the southerly line of Lester Street a distance of 112.09 feet to the POINT OF BEGINNING forming an interior angle of 90 degrees 00 minutes 00 seconds with the previous course. Being 9,297.8 Square Feet or 0.2134 Acres more or less.

DESCRIPTION OF UNOCCUPIED AREA NOT AFFECTED BY ENGINEERING CONTROLS

All that certain piece or parcel of land, situate, lying and being in the County of Bronx, City and State of New York, and being more particularly described as follows:

BEGINNING at a point formed by the intersection of the centerline of Lester Street (a private road) and the westerly side of White Plains Road forming an interior angle of 88 degrees 17 minutes 40 seconds, said point having New York State Plane (Long Island Zone) coordinates of N 256,490 and E 1,020,936

THENCE southerly along the westerly side of White Plains Road a distance of 30.54 feet to a point; THENCE westerly forming an interior angle of 90 degrees 00 minutes 00 seconds a distance of 112.09 feet to a point; THENCE southerly forming an interior angle of 107 degrees 26 minutes 29 seconds a distance of 50.12 feet to a point; THENCE northerly forming an interior angle of 161 degrees 20 minutes 47 seconds a distance of 19.93 feet to a point; THENCE easterly forming an interior angle of 90 degrees 00 minutes 00 seconds a distance of 9.29 feet to a point; THENCE southerly forming an interior angle of 90 degrees 00 minutes 00 seconds a distance of 32.53 feet to a point; THENCE easterly forming an interior angle of 270 degrees 00 minutes 00 seconds a distance of 44.93 feet to a point; THENCE southerly forming an interior angle of 90 degrees 00 minutes 00 seconds a distance of 39.72 feet to a point; THENCE easterly forming an interior angle of 270 degrees 00 minutes 00 seconds a distance of 6.70 feet to a point; THENCE southerly forming an interior angle of 90 degrees 00 minutes 00 seconds a distance of 14.63 feet to a point; THENCE easterly forming an interior angle of 270 degrees 00 minutes 00 seconds a distance of 11.20 feet to a point; THENCE southerly forming an interior angle of 90 degrees 00 minutes 00 seconds a distance of 44.55 feet to a point; THENCE easterly forming an interior angle of 270 degrees 00 minutes 00 seconds a distance of 24.14 feet to a point on the the westerly side of White Plains Road; THENCE southerly along the westerly side of White Plains Road a distance of 94.00 feet to the northerly side of Adee Avenue as widened; THENCE westerly along the northerly side of Adee Avenue forming an interior angle of 106 degrees 45 minutes 00 seconds a distance of 41.87 feet to it's intersection with the easterly line Elliot Avenue as laid out on the Map of The Estate of Peter Lorillard known as Map Number 448, filed April 20, 1871; THENCE northerly along said line of Elliot Avenue forming an interior angle of 92 degrees 18 minutes 10 seconds a distance of 311.50 feet to it's intersection with the centerline of Lester Street (a private road); THENCE easterly along the centerline of Lester Street (a private road) forming an interior angle of 72 degrees 39 minutes 10 seconds a distance of 141.84 feet to the point of BEGINNING. Being 17,535.2 square feet or 0.4026 acres more.

Date	Revisions
DEC. 18, 2008	SHOW CONTROL AREAS AND METES & BOUNDS

"Unauthorized alteration or addition to a survey map bearing a licensed Land Surveyor's seal is a violation of Article 134, Section 7209, Subdivision 2, of the New York State Education Law."

"Copies from the original of this survey map not marked with an original of the Land Surveyor's inked seal or his embossed seal shall not be considered a valid true copy."

"Certification indicated hereon signify that this survey was prepared in accordance with the existing Code of Practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors.

"The offsets (or dimensions) shown hereon from the structures to the property lines are for a specific purpose and use and therefore are not intended to guide the erection of fences, retaining walls, pools, patios, planting areas, additions to buildings or any other construction."

STATE OF NEW YORK · JOHN J. TOSCANO · 049872 · LICENSED LAND SURVEYOR

John J. Toscano P.L.S. 049872

ALTA/ACSM LAND AND TITLE SURVEY
DEPICTING ENVIRONMENTAL EASEMENT AREA
PROPERTY LOCATED IN THE BRONX, NEW YORK
SHOWN AS BLK. 4545 LOTS 1001, 1002 & THE SOUTHERLY HALF OF FORMER LESTER ST. ON THE NEW YORK CITY TAX ASSESSMENT MAP

CARMAN–DUNNE, P.C.
CONSULTING ENGINEERS & SURVEYORS
2 Lakeview Avenue, Lynbrook, New York 11563
TEL. (516) 599–5563 FAX (516) 593–4873

Date:	File: K:\Projects\2006\2006372\2006372_SVY.dwg
NOV. 21, 2008	Palette: LegacyCDunne

Plate No.:	Project No.:	Scale:	Sheet 1 of 1
187	2006372	1"=20'	

APPENDIX – C

Metes and Bounds Description of Property

METES AND BOUNDS DESCRIPTION OF PROPERTY

ALL THAT CERTAIN PLAT OR PARCEL OF LAND,.SITUATE LYING AND BEING IN THE BOROUGH AND COUNTY OF BRONX, CITY AND STATE OF NEW YORK AND BEING BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT THE CORNER FORMED BY THE INTERSECTION OF THE WESTERLY SIDE OF WHITE PLAINS ROAD AND THE SOUTHERLY SIDE OF LESTER STREET (FORMERLY WILSON PLACE);

THENCE SOUTHERLY ALONG THE WESTERLY Slope OF WHITE PLAINS ROAD TWO HUNDRED AND SIXTY-FOUR AND NINETY-NINE ONE-HUNDREDTHS FEET TO THE NORTHERLY SIDE OF ADEE AVENUE;

THENCE WESTERLY ALONG THE NORTHERLY SIDE OF ADEE AVENUE TO A POINT WHERE SAID NORTHERLY SIDE OF ADEE AVENUE IS INTERSECTED BY THE EASTERLY LINE OF ELLIOTT AVENUE AS SAID ELIOTT AVENUE IS LAID DOWN UPON A MAP OF PROPERTY BELONGING TO THE ESTATES OF PETER LORILLARD KNOWN AS MAP NUMBER 448, FILED APRIL 20, 1871;

THENCE NORTHWESTERLY ALONG SAID EASTERLY LINE OF ELLIOTT AVENUE ABOUT TWO HUNDRED AND EIGHTY FEET TO THE POINT OF INTERSECTION OF SAID EASTERLY UNE OF ELLIOTT AVENUE WITH THE SOUTHERLY LINE OF LESTER STREET;

THENCE EASTERLY ALONG THE SAID SOUTHERLY SIDE OF LESTER STREET ONE HUNDRED AND THIRTY-ONE AND FORTY-SIX ONE-HUNDREDTHS FEET, MORE OR LESS, TO THE WESTERLY SIDE OF WHITE PLAINS ROAD TO THE POINT OR PLACE OF BEGINNING.

EXCEPTINGTHERE FROM SO MUCH THEREOF AS HAS BEEN TAKEN BY THE CITY OF NEW YORK FOR THE WIDENING OF ADEE AVENUE AT A POINT WHERE IT INTERSECTS THE WESTERLY SIDE OF WHITE PLAINS ROAD.

APPENDIX – D

Significant Threat Determination

NEW YORK STATE DEPARTMENT OF

ENVIRONMENTAL CONSERVATION

FACT SHEET #4

October 2008

BROWNFIELD CLEANUP PROGRAM
Former Dico G Auto & Truck Repair

Site No: C203039
Bronx, New York

DOCUMENTS AVAILABLE FOR REVIEW AND COMMENT

The New York State Department of Environmental Conservation (NYSDEC) is working cooperatively with the New York State Department of Health (NYSDOH) in providing the public with the opportunity to review the Remedial Investigation (RI) Report and provide comments on the Remedial Action Work Plan (RAWP) for the Former Dico G Auto &Truck Repair Site located at 3035 White Plains Road in the Bronx, NY (see map on page 2 for location of Site). The RIR and RAWP were submitted by the site developer under New York's Brownfield Cleanup Program (BCP). NYSDEC previously accepted an application submitted by the site developer to participate in the BCP as a Volunteer.

PUBLIC COMMENTS ON THE DREAFT REMEDIAL INVESTIGATION REPORT AND THE REMEDIAL ACTION WORK PLAN

NYSDEC and NYSDOH are accepting comments on the RAWP from October 29 to December 15, 2008. The RI Report and RAWP are available for review at the document repositories identified on the left side of this page. Your comments are important and strongly encouraged. Written comments should be directed to NYSDEC project manager (see contact information at left).

INTERIM REMEDIAL MEASURES

As a result of the site investigation, an interim remedial measure (IRM) was recommended to reduce risks to the environment. The purpose of the IRM is to immediately remove the contaminated soil and other urban fill and begin treatment of groundwater. The IRM was approved by the NYSDEC and the NYSDOH and completed in the spring of 2008.

A site-specific health and safety plan (HASP) and a Community Air Monitroing Plan (CAMP) have been implemented during remediation activities. These protocols also included required air monitoring as well as dust and odor suppression measures.

HIGHLIGHTS OF THE PROPOSED REMEDIAL ACTION

To achieve the remedial action objectives, the following activities will be performed:

- treatment of contaminated groundwater through injection of chemical oxidants;
- a long term groundwater monitoring program to gauge the success of treatment;
- a vapor barrier and a sub-slab venting system underneath the building slab;
- a Site Management Plan for long term management of any residual contamination; and
- if Track 1 is not achieved, recording of Environmental Easements including institutional controls to prevent future exposure to any remaining residual contamination.

SITE DESCRIPTION

The site consists of an approximately 16,880 square foot parcel, which is improved with a single-story 1,653 square foot masonry building with 3 service bays. The building was constructed in 1960 as a service station and is currently used as an auto repair shop. The property is surrounded by a 6-foot high chain link fence which also bisects the site just north of the service station building. The surrounding area is characterized by commercial businesses (mostly retail) along White Plains Road. Residential areas are located behind (east-west) this commercial corridor. An elevated section of the Metro-North Railway passes in front of the property, directly over White Plains Road.

Public Comment Period
October 29 – December 15, 2008

Document Repositories

New York Public Library
Allerton Public Library
2740 Barnes Avenue
Bronx, NY 10467
(718) 881-4240

NYSDEC Region 2 Office
47-40 21st Street
Long Island City, NY 11101
Call in advance – (718)482-4909
Hours: Mon. to Fri. 9 a.m. to 4 p.m.

Project Contacts
Mr. Shaminder Singh
NYSDEC
47-40 21st. Street
Long Island City, NY 11101
spsingh@gw.dec.state.ny.us
(718) 482-4909

For Public Health Related Questions:

Mr. Christopher M. Doroski
NYSDOH
547 River Street
Troy, NY 12180-2216
(800) 458-1158 ext. 27880
cmd16@health.state.ny.us

For more information about NY State's Brownfield Cleanup Program, visit:

www.dec.state.ny.us/website/der/bcp

ENVIRONMENTAL INVESTIGATIONS HIGHLIGHTS

A Phase I Environmental Site Assessment and a preliminary subsurface investigation were conducted in February 2007. The Phase I collected information about the Site history and uses of concern for environmental impacts. Samples of soil and groundwater at the site were collected in February 2007, when contamination was discovered while installing soil borings to determine the structural capacity of the ground for a new building.

The results of sampling performed during the RI identified volatile organic compounds (VOCs), which are gasoline related contaminants in soils in the vicinity of the two former dispenser islands. The gasoline contaminants made their way through the shallow surface soils (<5 feet thick) and cracks in the bedrock until they came into contact with groundwater approximately 15 feet below the surface. Contaminants in groundwater in these two locations are generally migrating to the south towards Adee Road and east toward White Plains Road.

SIGNIFICANT THREAT DETERMINATION

As part of every BCP project NYSDEC, in conjunction with NYSDOH, is required to make a determination whether the conditions at the Site pose a significant threat to human health or the environment, as defined in the NYSDEC's regulations 6 NYCRR Part 375. Based on the types and levels of contaminants on the Site, and the current and planned land uses in the area, NYSDEC and NYSDOH have determined that the Site does not present a significant threat to public health and to the environment. This decision is based on the nature of the existing contaminants identified at the Site; the potential for off-site migration of contaminants in the groundwater; and the potential for human exposure to site-related contaminants via soil vapors.

NEXT STEPS

NYSDEC and NYSDOH are currently reviewing the draft RI Report and Remedial Action Work Plan and are seeking comments from the public. Written and oral comments on the RIR and RAWP will be accepted until December 15, 2008. The Work Plan can be viewed at the NYSDEC Region 2 Office or in the Allerton Branch of the New York City Public Library. Written and oral comment expressing objection or opposition to the Work Plan must explain the basis of the opposition and identify the specific grounds which could lead the department to impose significant changes to the Work Plan. Based upon these comments, the NYSDEC may require the Volunteer to make revisions to the Work Plan. No formal response will be made to the comments received by the NYSDEC.

Please submit written comments to:

Mr. Shaminder Singh
NYSDEC
47-40 21st. Street
Long Island City, NY 11101
spsingh@gw.dec.state.ny.us

BROWNFIELD CLEANUP PROGRAM (BCP) OVERVIEW

New York established its BCP to address the environmental, legal, and financial barriers that often hinder the redevelopment and reuse of contaminated properties and to enhance private sector cleanups. New York's BCP is a cooperative approach among the NYSDEC, the NYSDOH, and Volunteers to investigate and/or remediate contaminated Sites. Under the BCP, a Volunteer enters into a Brownfield Cleanup Agreement with the NYSDEC and thereafter submits one or more work plans to investigate and, if necessary, remediate a site. The goal under the BCP is to remediate sites to a level that is protective to public health and the environment consistent with the proposed uses of the site. When a Volunteer completes work, a release from liability from the NYSDEC is provided with standard reservations, and a Certificate of Completion is issued. Upon achieving a Certficate of completion the Volunteer would:

1. have no liability to the State for contamination at or coming from the site, subject to certain conditions; and

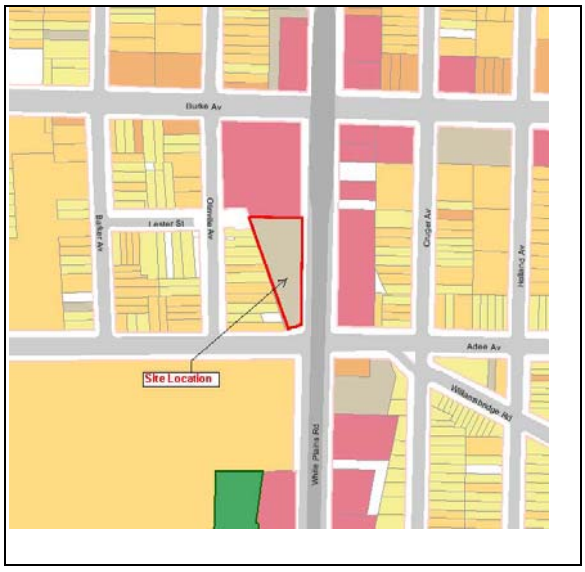
2. be eligible for tax credits to offset the costs of remedial activities and for redevelopment of the site.

A Certificate of Completion may be modified or revoked if, for example, the Volunteer does not comply with the terms of its Brownfield Cleanup Agreement with NYSDEC, or if the applicant commits fraud regarding its application or its certification that it has met cleanup levels.

For information regarding New York State's Brownfield Cleanup Program, please visit our web Site at:

http://www.dec.stateny.us/webSite/der/bcp

Figure 1: Site Map



APPENDIX – E

Sanborn Fire Insurance Maps

"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Charles Sosik
Env. Business Consultants
25 Central Avenue
Hauppauge, NY 11788

Order Date: 12/29/2006 **Completion Date:** 1/2/2007
Inquiry #: 1826090.3S
P.O. #: NA
Site Name: 3035 White Plains Road
Address: 3035 White Plains Road
City/State: Bronx, NY 10467
Cross Streets:

Customer Project: ARK0602
9013314MIL 631-234-4280

Based on client-supplied information, fire insurance maps for the following years were identified

1897 - 1 Map	1983 - 1 Map
1908 - 1 Map	1986 - 1 Map
1918 - 1 Map	1989 - 1 Map
1935 - 1 Map	1991 - 1 Map
1950 - 1 Map	1992 - 1 Map
1976 - 1 Map	1993 - 1 Map
1978 - 1 Map	1995 - 1 Map
1981 - 1 Map	1996 - 1 Map

Limited Permission to Photocopy Total Maps: 16

USER'S GUIDE

This User's Guide provides guidelines for accessing Sanborn Map® images and for transferring them to your Word Processor.

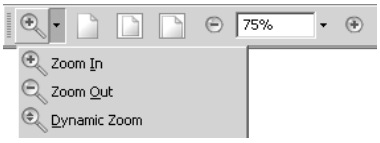
Reading Sanborn Maps

- Sanborn Maps document historical property use by displaying property information through words, abbreviations, and map symbols. The Sanborn Map Key provides information to help interpret the symbols and abbreviations used on Sanborn Maps. The Key is available from EDR's Web Site at: http://www.edrnet.com/reports/samples/key.pdf

Organization of Electronic Sanborn Image File

- Sanborn Map Report, listing years of coverage
- User's Guide
- Oldest Sanborn Map Image
- Most recent Sanborn Map Image

Navigating the Electronic Sanborn Image File

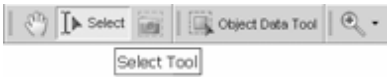


1. Open file on screen.
2. Identify TP (Target Property) on the most recent map.
3. Find TP on older printed images.
4. Using Acrobat® Reader®, zoom to 250% in order to view more clearly. (200-250% is the approximate equivalent scale of hardcopy Sanborn Maps.)
   A. On the menu bar, click "View" and then "Zoom to..."
   B. Or, use the magnifying tool and drag a box around the TP

Printing a Sanborn Map From the Electonic File

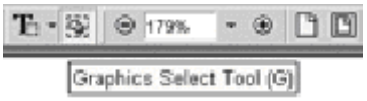
- EDR recommends printing images at 300 dpi (300 dpi prints faster than 600 dpi)
- To print only the TP area, cut and paste from Acrobat to your word processor application.

Acrobat Versions 6 and 7



1. Go to the menu bar
2. Click the "Select Tool"
3. Draw a box around the area selected
4. "Right click" on your mouse
5. Select "Copy Image to Clipboard"
6. Go to Word Processor such as Microsoft Word, paste and print.

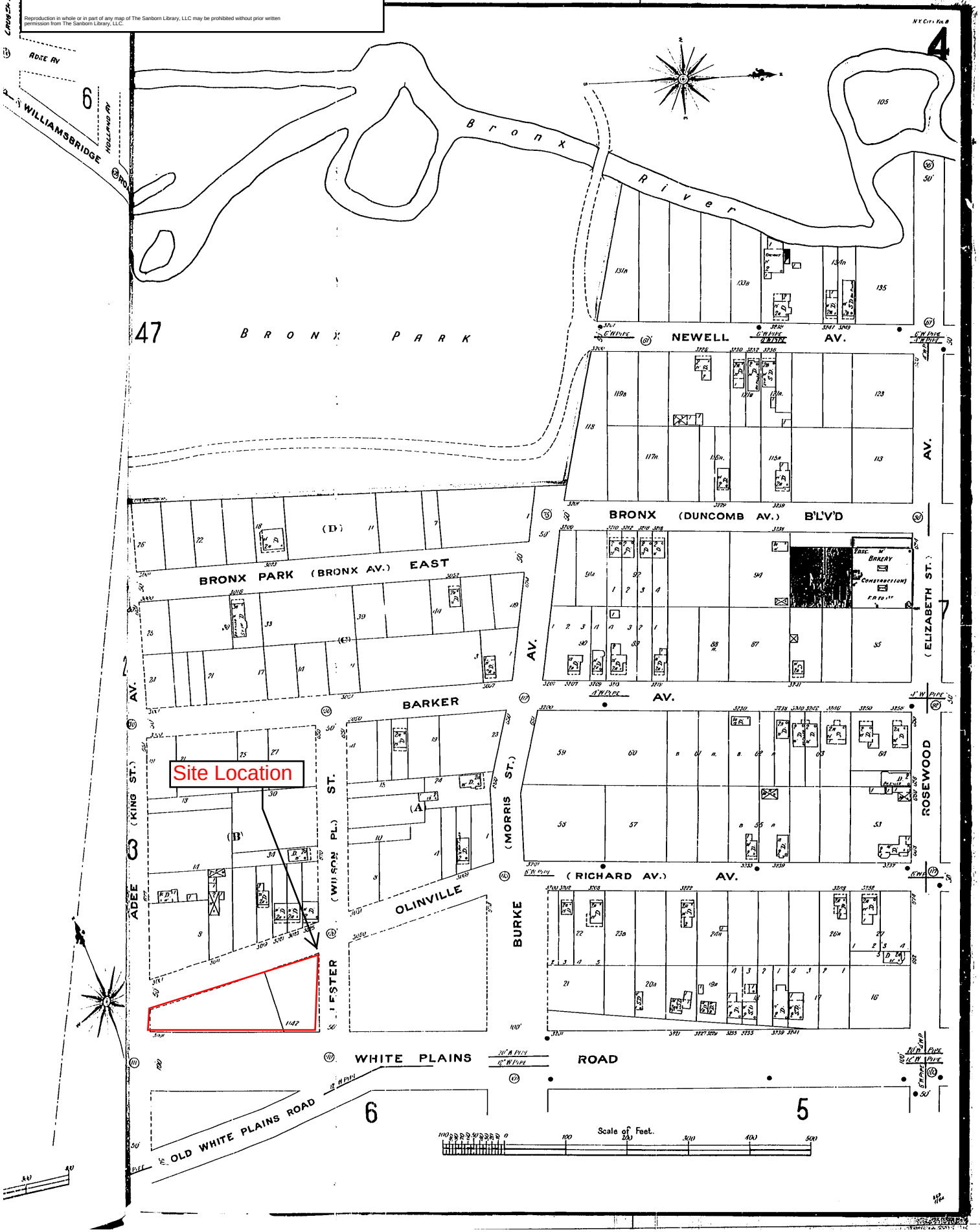
Acrobat Version 5

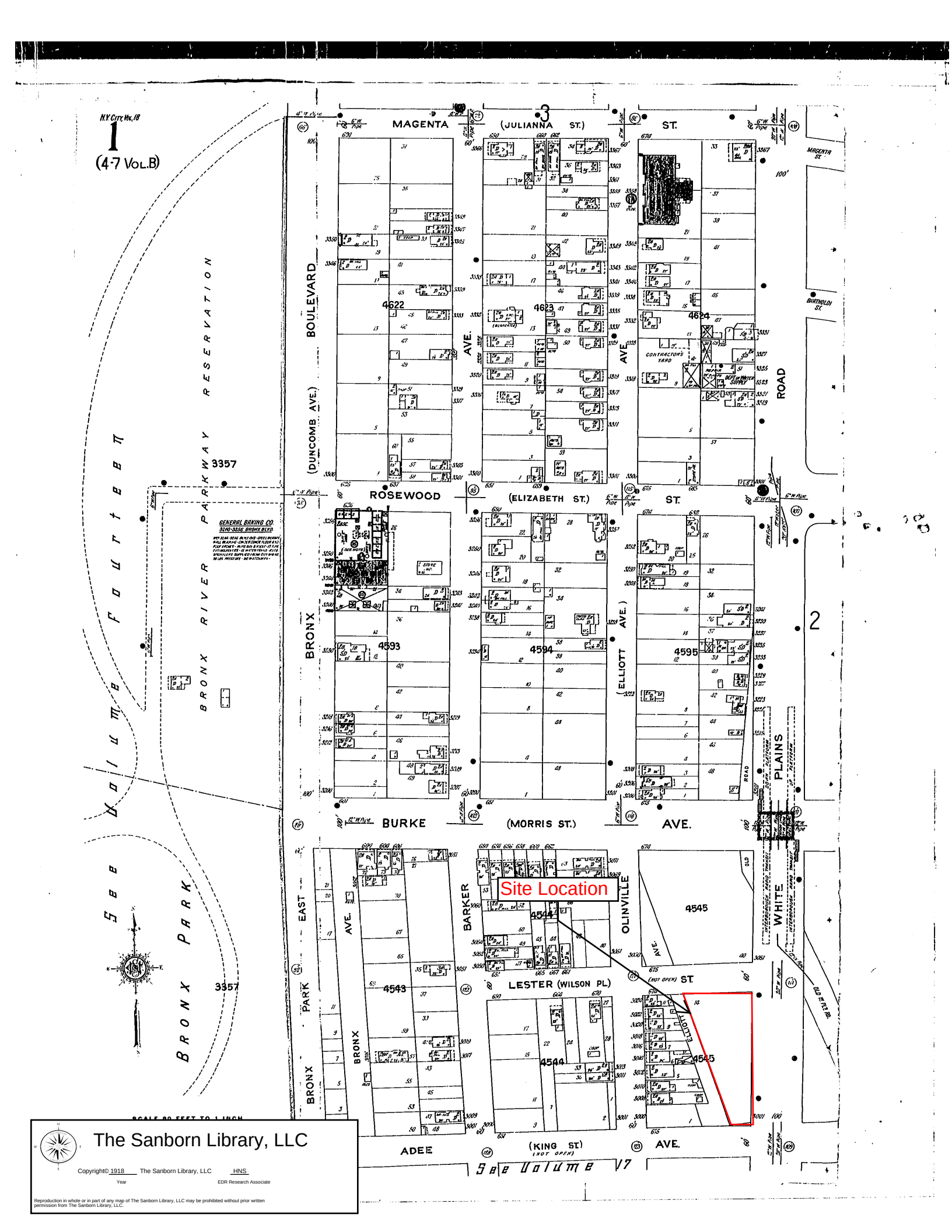


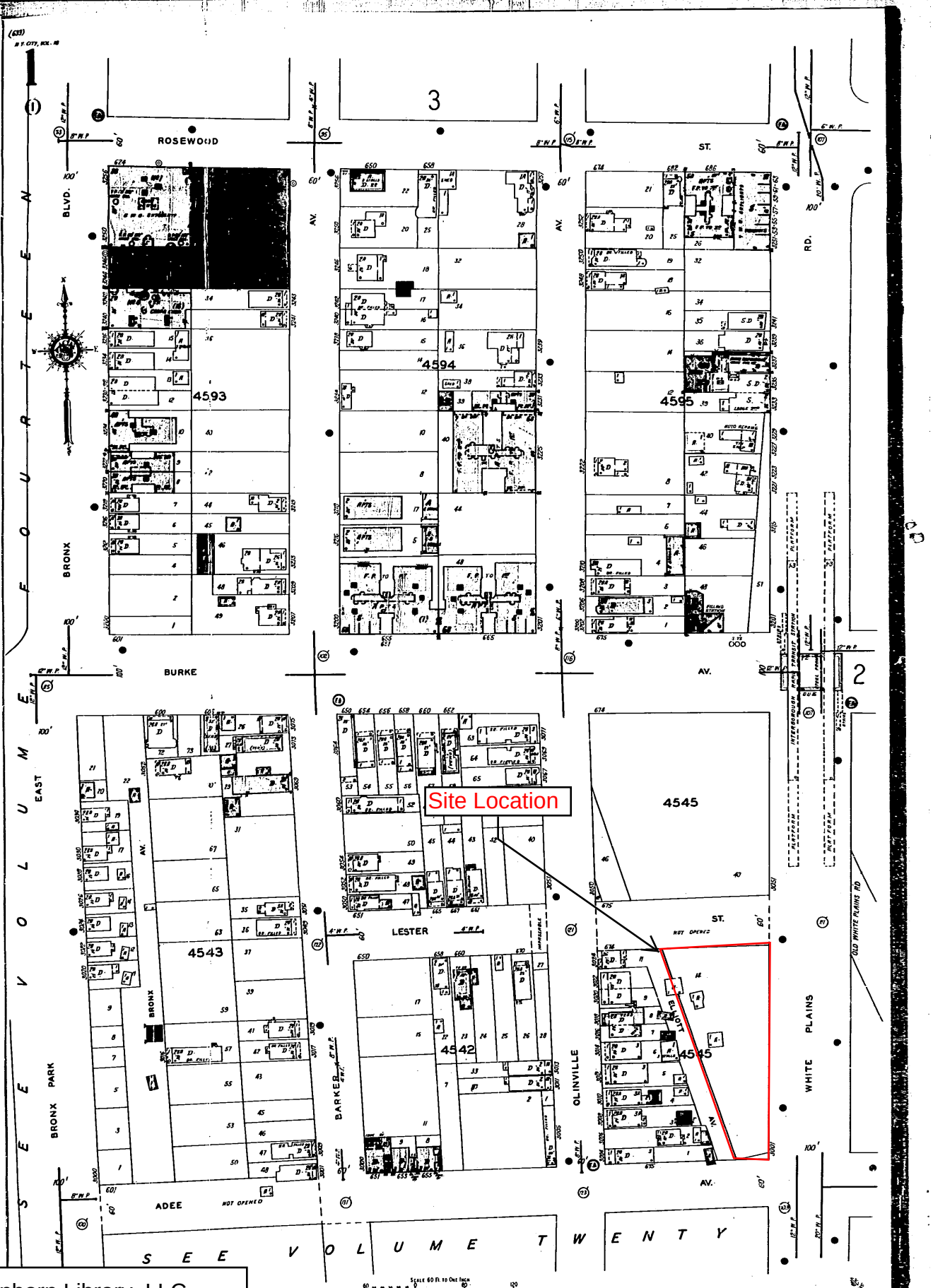
1. Go to the menu bar
2. Click the "Graphics Select Tool"
3. Draw a box around the area selected
4. Go to "Menu"
5. Highlight "Edit"
6. Highlight "Copy"
7. Go to Word Processor such as Microsoft Word, paste and print.

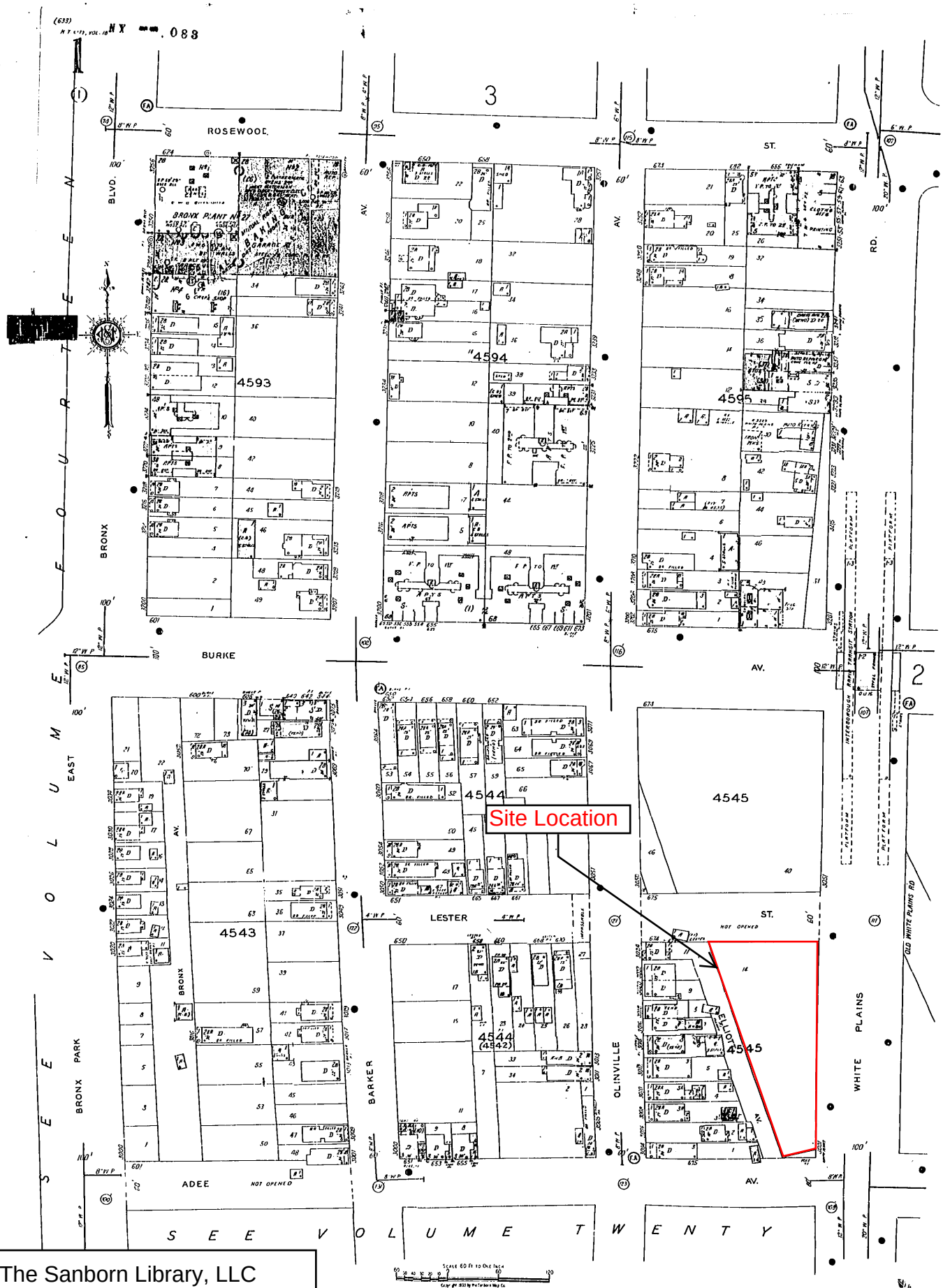
Important Information about Email Delivery of Electronic Sanborn Map Images

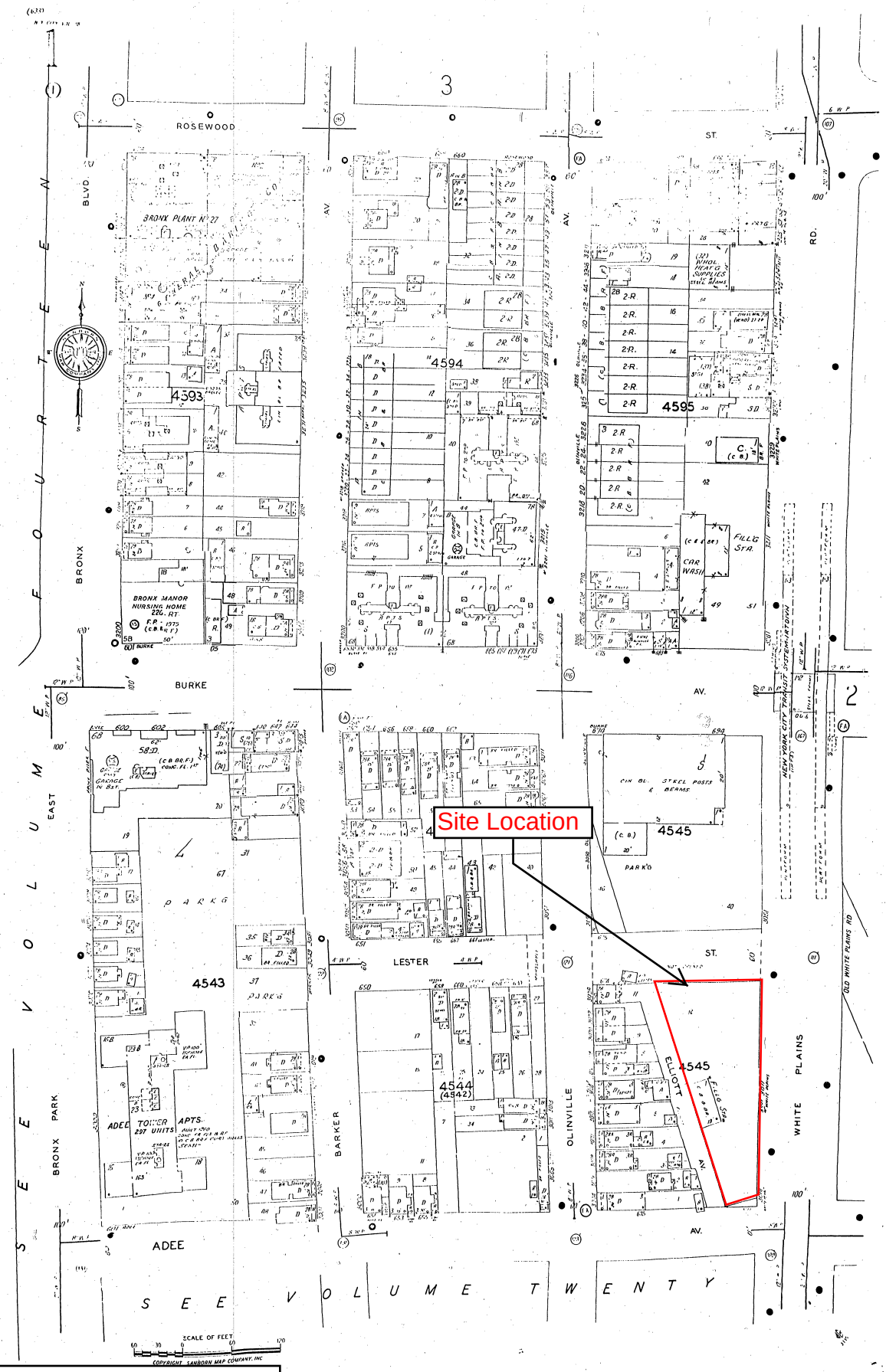
- Images are grouped intro one file, up to 2MB.
- In cases where in excess of 6-7 map years are available, the file size typically exceeds 2MB. In these cases, you will receive multiple files, labeled as "1 of 3", "2 of 3", etc. including all available map years.
- Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.

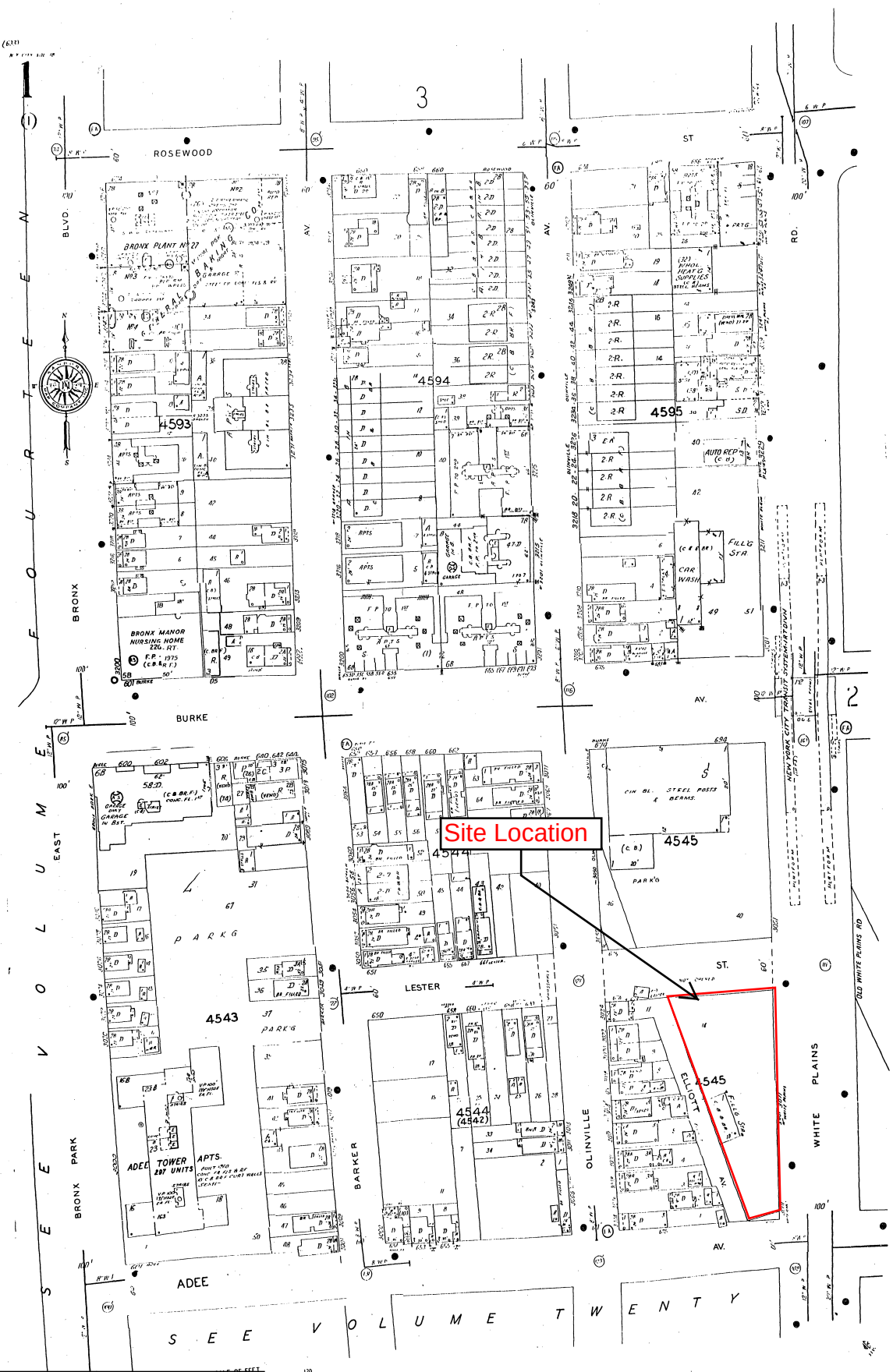


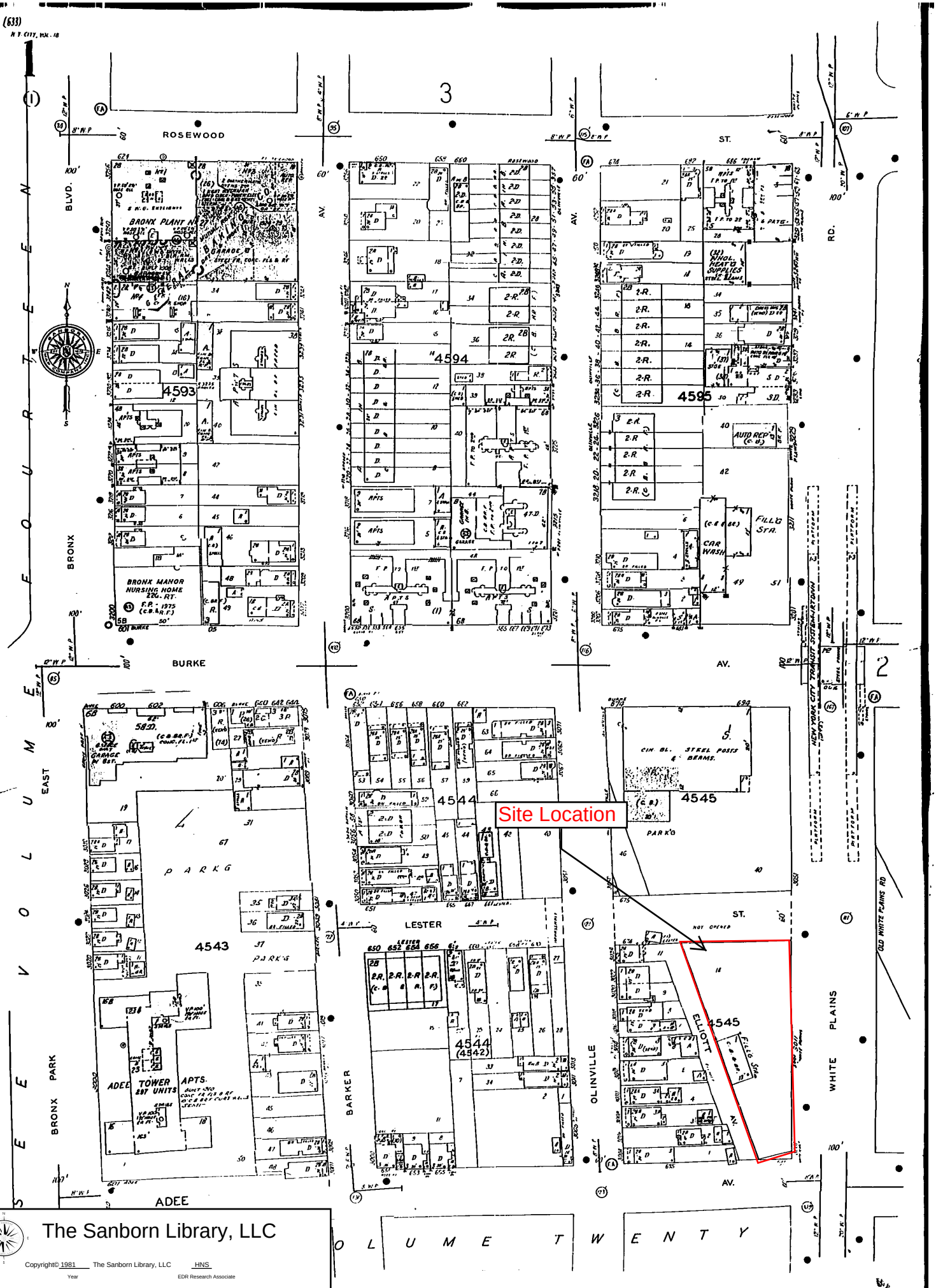


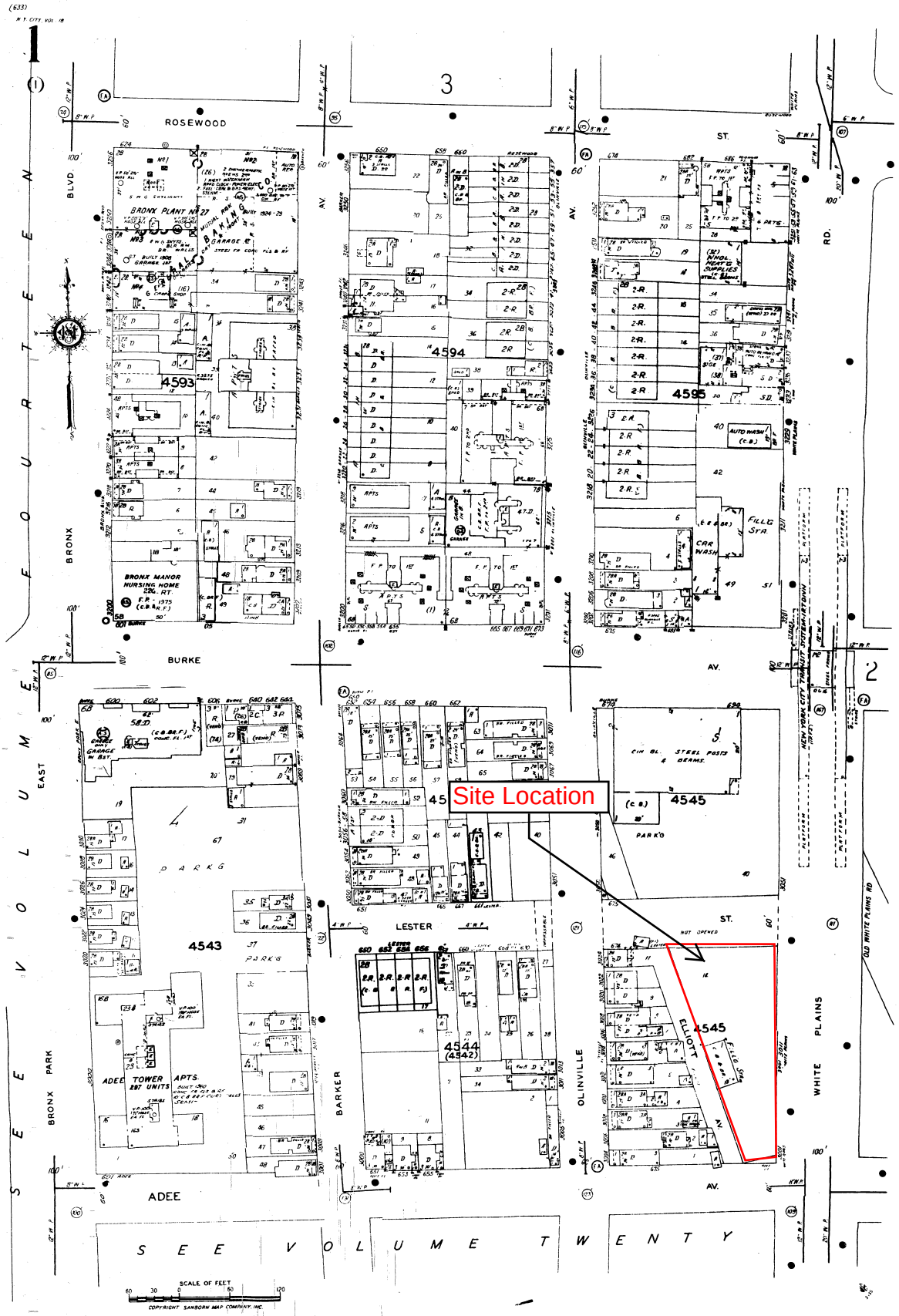


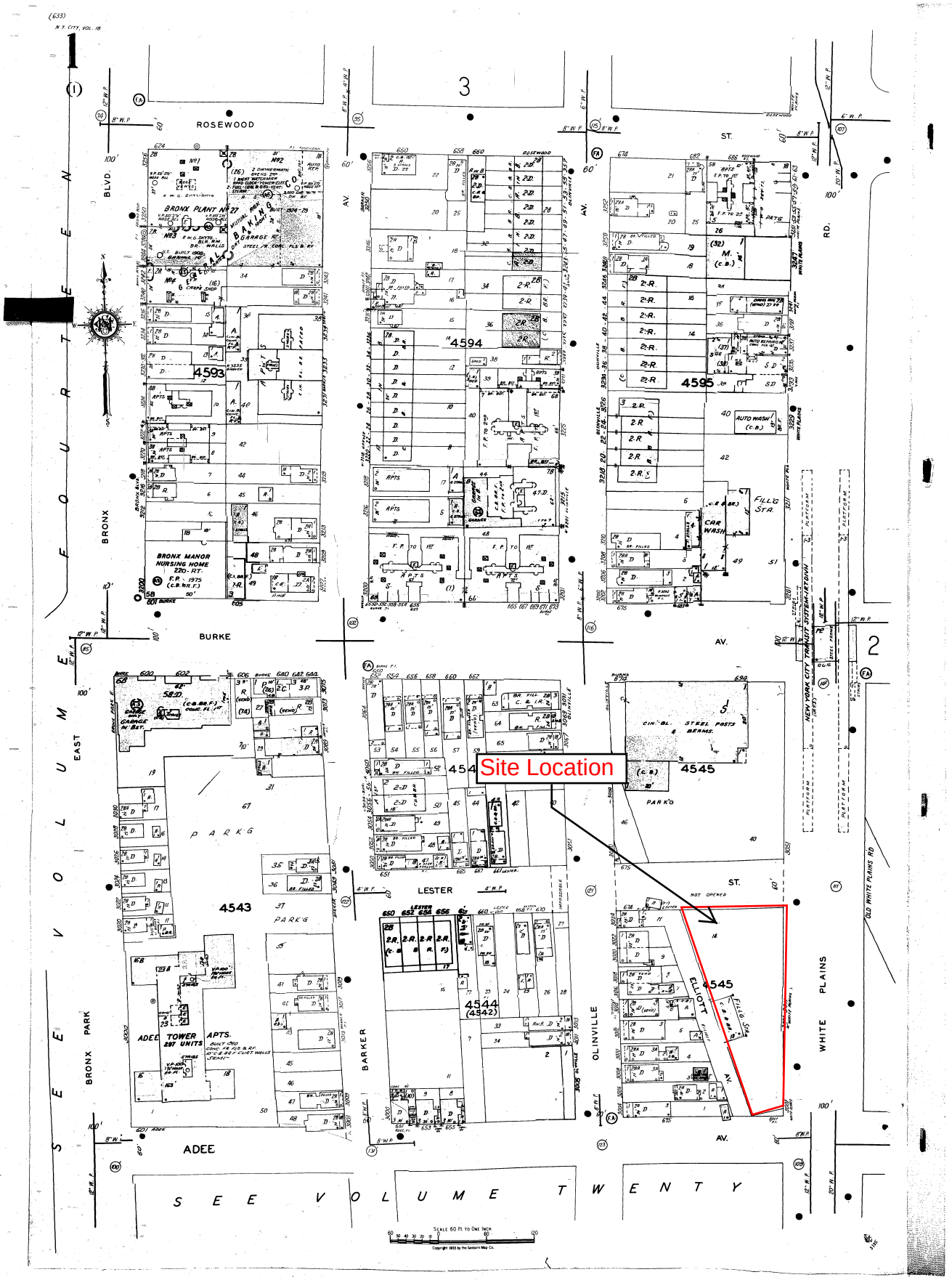


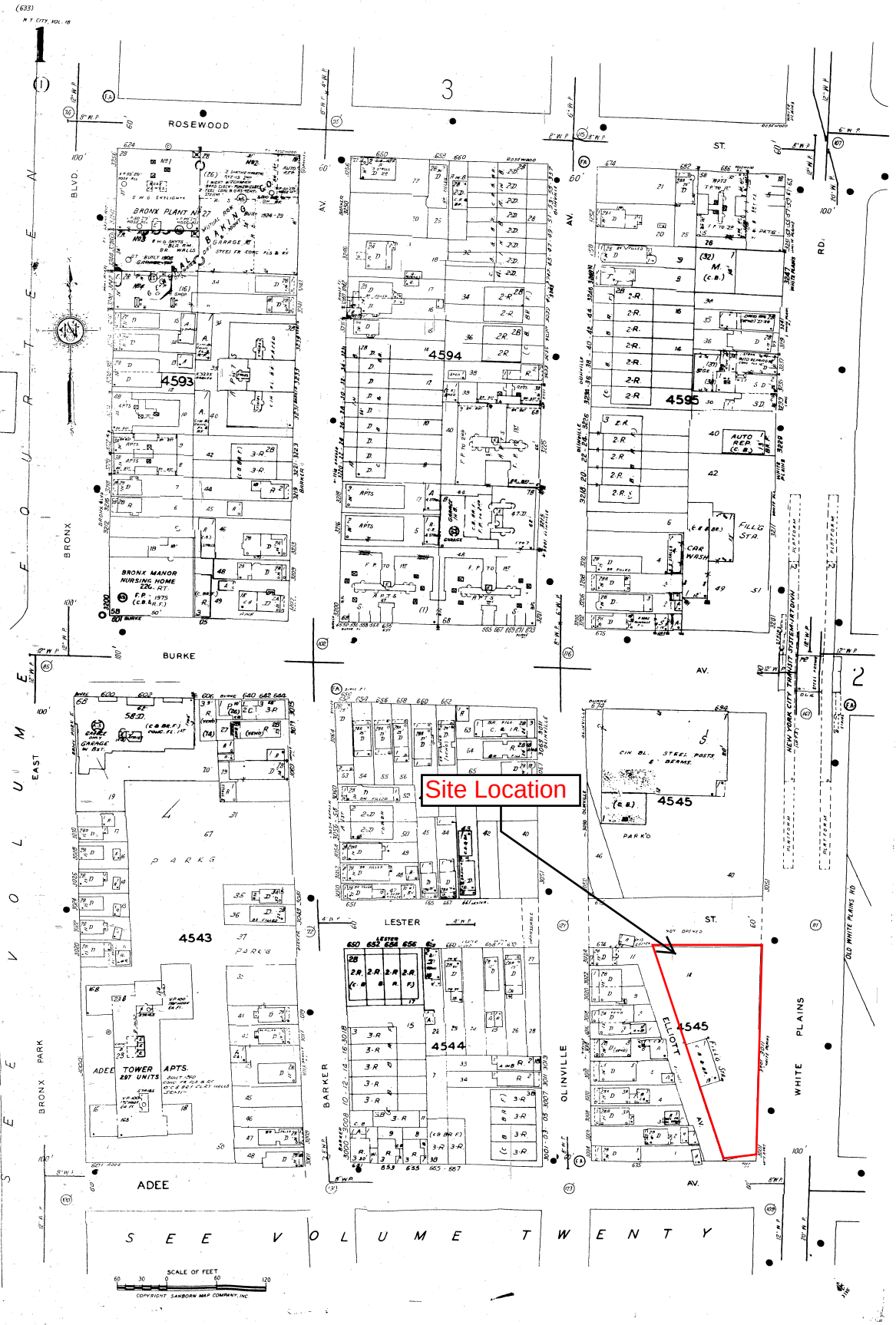


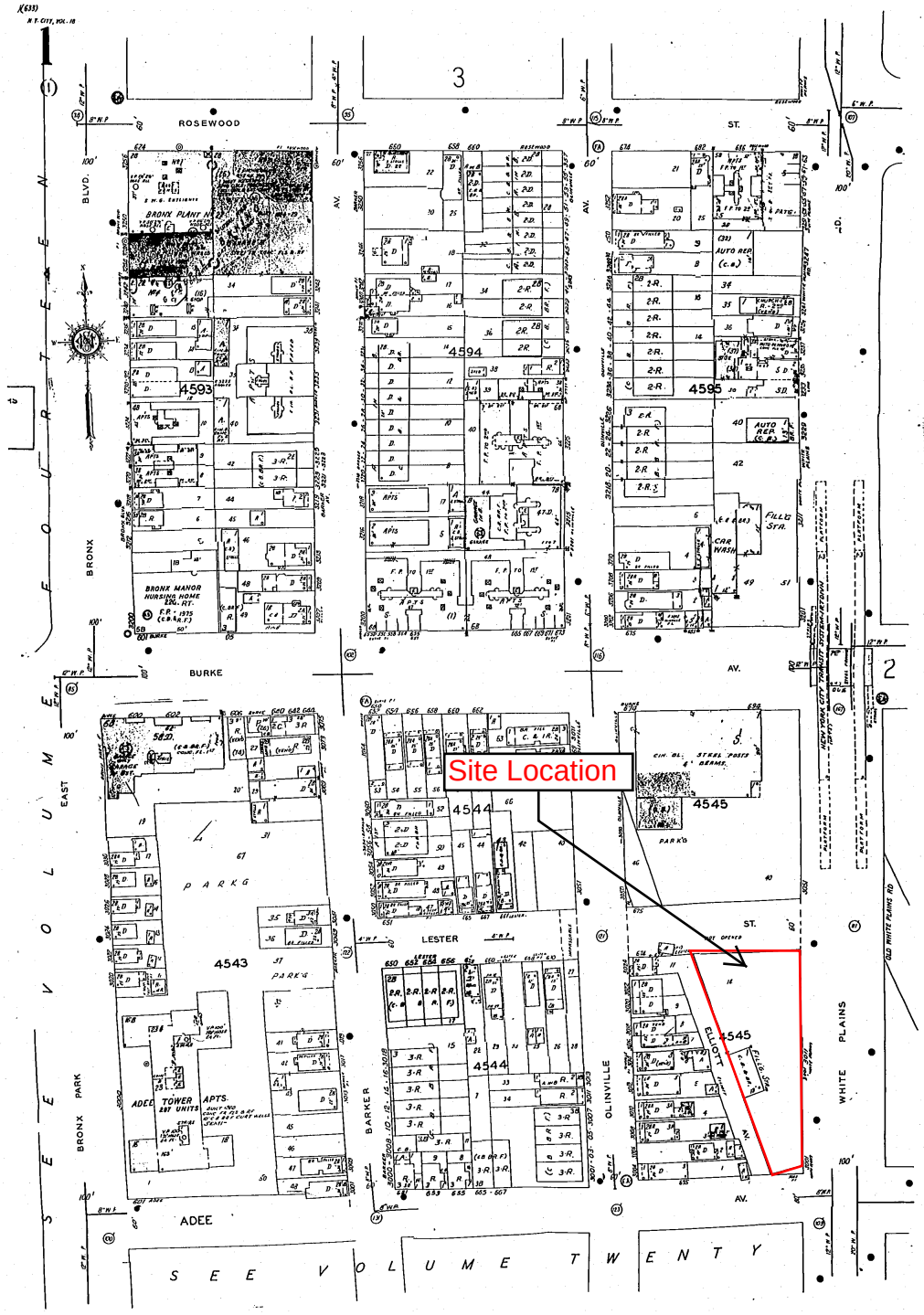


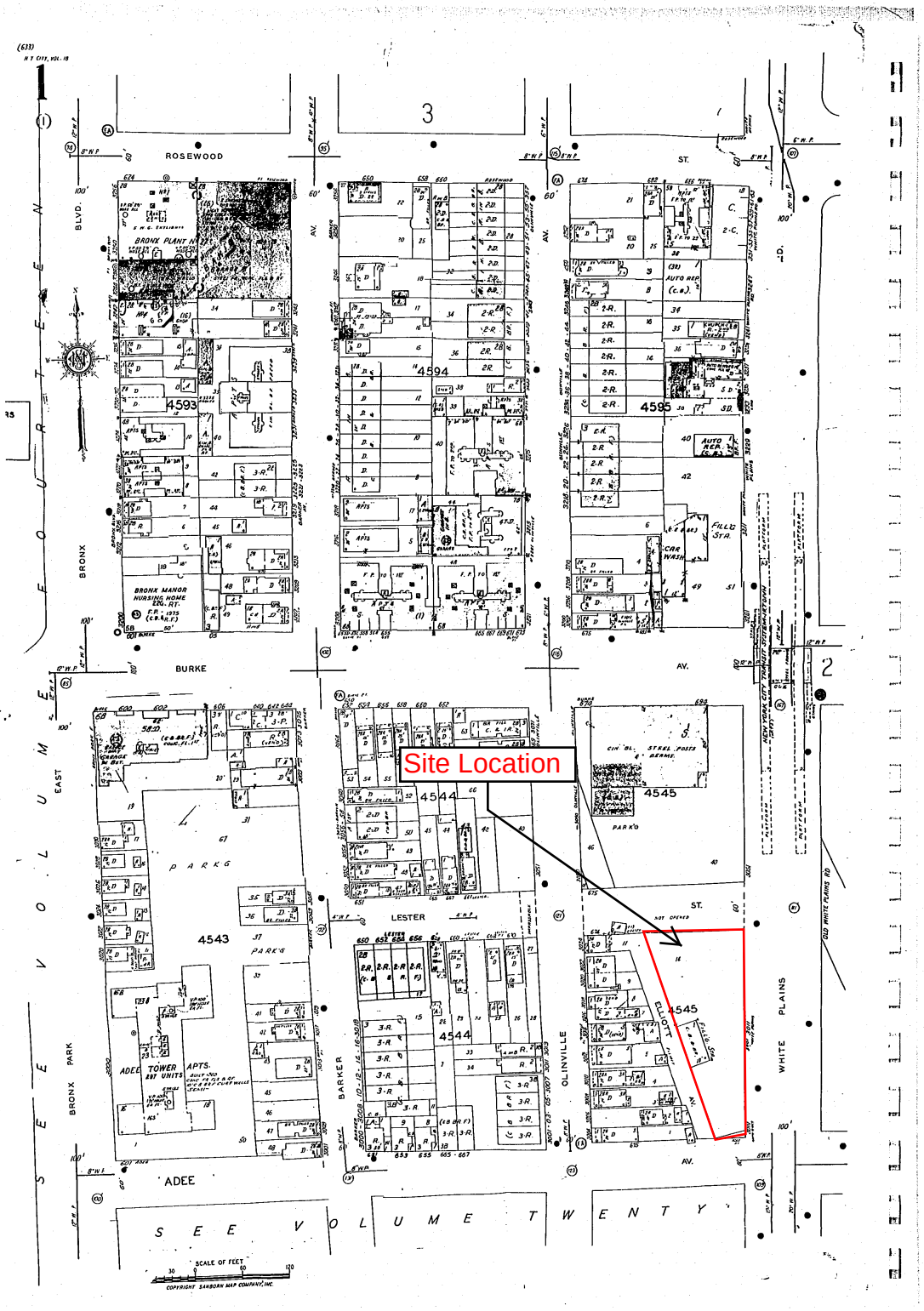


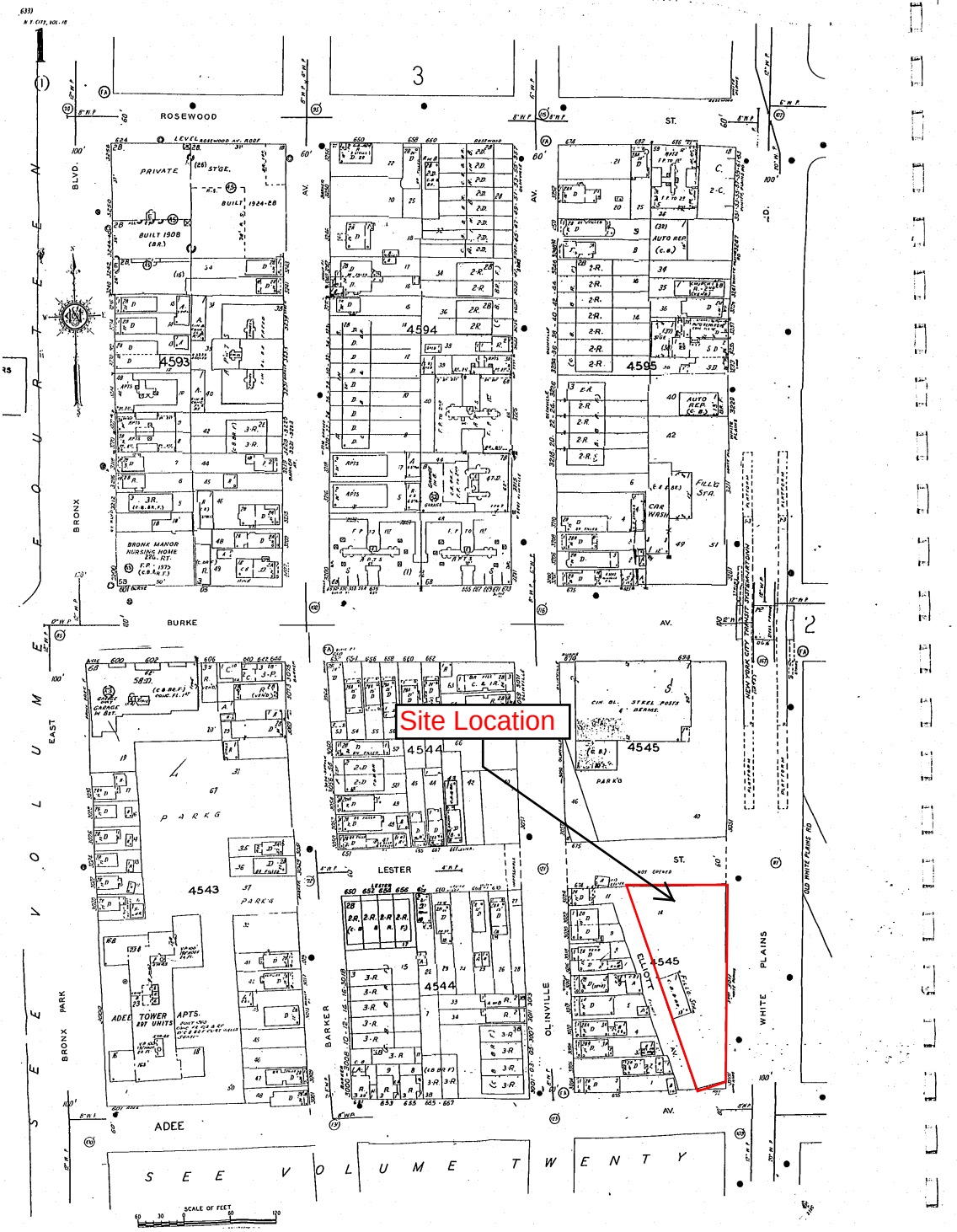


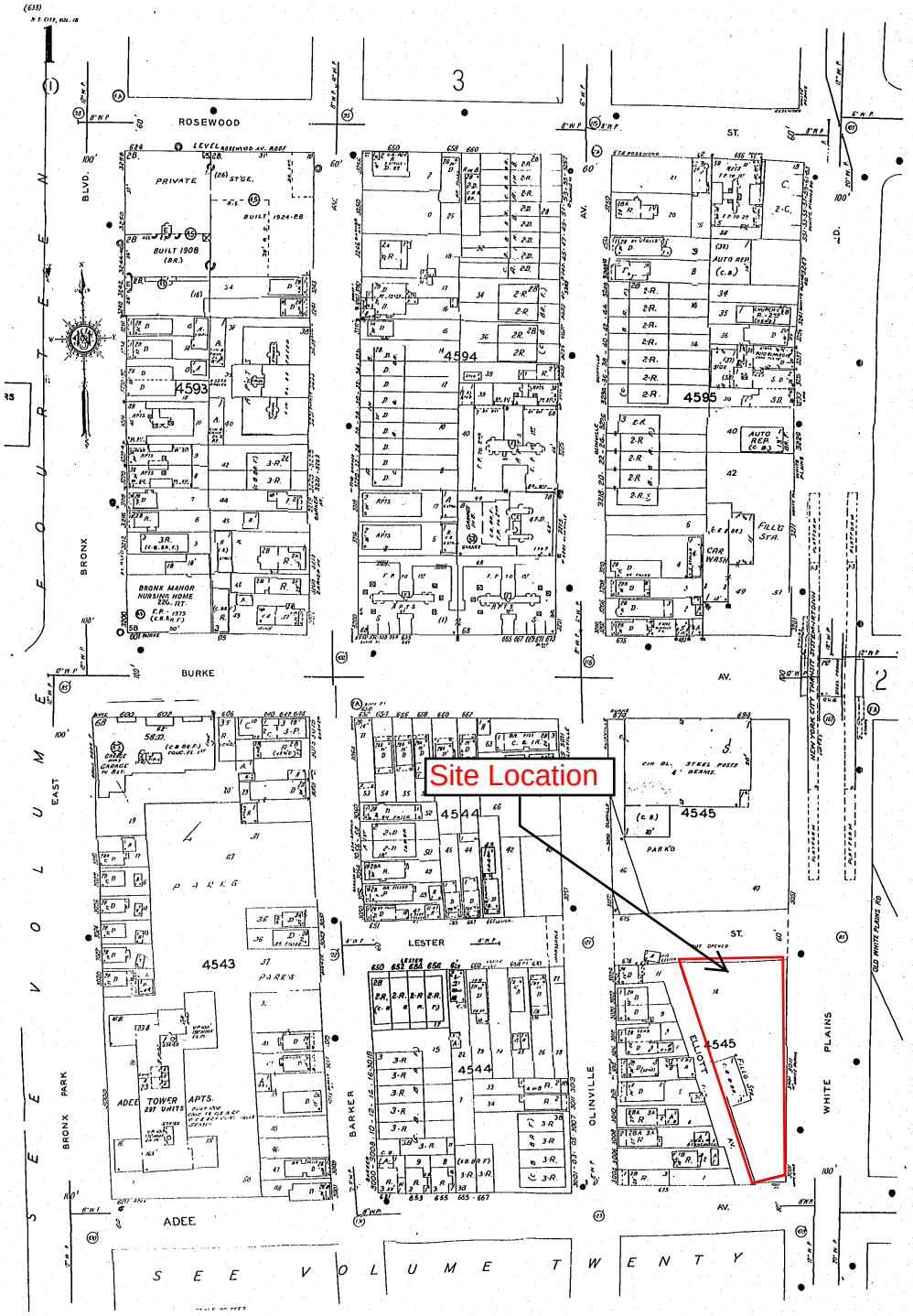


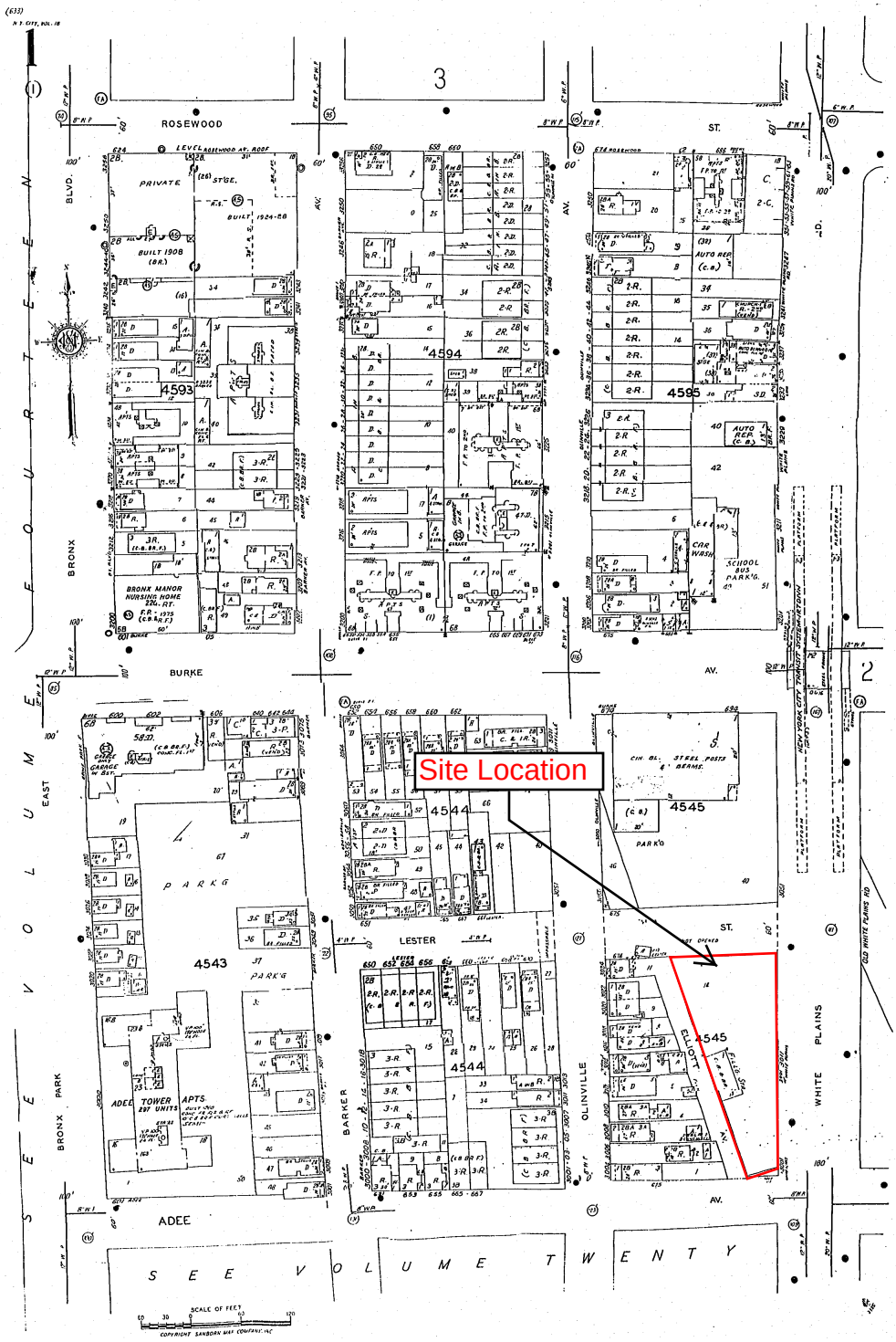












APPENDIX – F

Liquid Waste Manifest and Hydraulic Tank Scrap Ticket

L.I. TK

PAYMENT RECEIPT

Arrow Scrap Corp.
1627 Straight Path
Wheatley Height, NY 11798
631-491-3061

3035 White Plains Rd. Bronx, NY

Receipt: 126335 **Date:** 09/14/2007
Customer: 1791 **Time:** 13:12
american enviornmental
RAYMOND RIVERA

1-275 TANK
1-U/G LINER
2 - DRUMS

Ticket: 127082 **Weigh In:** 09/14/2007 13:08
Operator: 9 **Weigh Out:** 09/14/2007 13:12
Description: AMERICAN

All weights in pounds. M indicates manual weight

Commodity	Gross	Tare	Net	Price	TOTAL $
TIN / STEEL	29320	27920	1400	0.060/LB	$84.00
				Ticket Total	**$84.00**

# of Tickets: 1

Paid by ATM

Total Paid **$84.00**

Rounded to nearest $1.00

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: Exempt
Manifest Doc. No.: 600418
2. Page 1 of 1
600418

GENERATOR

3. Generator's Name and Mailing Address: AD Alesta, 3035 White Plains Road, Bronx, NY
4. Generator's Phone ( )

5. Transporter 1 Company Name: American Environmental Assessment Corp.
6. US EPA ID Number: N.Y.R.0.0.0.0.4.4.4.1.2
A. Transporter's Phone: 631-586-2000

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

9. Designated Facility Name and Site Address: Clean Waters, 3249 Richmond Terrace, Staten Island, NY
10. US EPA ID Number: NY0000968545
C. Facility's Phone: (718) 981-4600

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Haz Oil & Water	001	TT	324	G
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above: N018

15. Special Handling Instructions and Additional Information
"AMERICAN ENVIRONMENTAL ASSESSMENT CORP."
EMERGENCY NUMBER: 631-586-2000

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

Printed/Typed Name: X AARON Sims — Signature — Month 09 Day 14 Year 07

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Bobby Beasley — Signature — Month 09 Day 14 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Month 09 Day 14 Year 07

ORIGINAL - RETURN TO GENERATOR

APPENDIX – G

Disposal Facility Acceptance Letters

CLEANEARTH
treating the planet right
24 Middlesex Avenue
Carteret, NJ 07008
T 732-541-8909
F 732-541-8105
www.cleanearthinc.com

28 November 2007

Sol Acker
930 Broadway
Woodmere, NY 11598

c/o Jen Schrof

RE: Letter of Acceptance for Soil Represented by CHEMTECH Samples 0710093-01A-12A, 0710094-0710094-01A thru 12A, 0710095-01A thru 12A, 0710096-01A thru 07A, Y4778-02, Y4778-2 thru 11.

Dear Sirs;

Clean Earth of Carteret (CEC) is prepared to accept RCRA non-hazardous soil being excavated for the material analyses represent on condition that 1) the analytical parameters are sufficient to identify contaminants and their concentrations for the unknown existing and/or previous site land use; 2) the soil's source and contaminant type meet CEC's permit restrictions; and 3) for the duration of the project the material must continue to be in compliance with our acceptance criteria and permit requirements.

The analytical reports provided through CHEMTECH. are sufficient to cover up to 6,000 tons of material from this site. Additional Total Petroleum Hydrocarbon (TPH) analysis will be required for up to each 100 cubic yards (150 tons) over being sent to CEC.

If you should have any questions or require any additional information, please call me at (732) 541-8909.

Sincerely;

John Eshelman

John Eshelman
Operations Manager

Clean Earth of Carteret, Inc.
24 Middlesex Avenue, Carteret, NJ

Phone: 732-541-8909
Fax: 732-541-8105

Approval Number:

Contaminated Soil Profile Sheet

Generator Information:

Name: Bedford Park Associates

Address: 930 Broadway

City: Woodmere State: NY Zip Code: 11598

Agent or Contact Point: Charles Sosik Telephone: 631-924-0870

Company Name: EBC

Billing Information:

Name: Sol Ackerman Phone: 516-374-3336

Address: 930 Broadway

City: Woodmere State: NY Zip Code: 11598

Site Description:

Address: 3035 White Plains Road

City: Bronx State: NY Zip Code: _____

County of Origin if in New Jersey _____

Existing Site Land Use: Vacant Land How Many Years: 1

Is This Site a State or Federal Superfund Site ? _____ Yes _____ No X

Soil Description:

Source of Contamination (UST or Other): UST

Estimated Volume of Soil: 4,000 CY

Type of Contamination (Gas, Kero, #2, #4, #6 Oil, Etc.): Gasoline, Urban Fill

If Contamination is Other Than Above Please Specify: _____

Is a Soil Analysis Attached to this Form: YES

Certification

I hereby certify that the above information is a true and accurate description to the best of my knowledge of the material we intend to ship to the Clean Earth of Carteret Facility:

Signed: Charles Sosik Date: 11/1/07
Print Name: Charles Sosik Title: Principal - EBC

Approval Number: _____

NON-HAZARDOUS WASTE CERTIFICATION SHEET

PCB Certification

I, the undersigned, under penalty of law, do hereby certify that the material to be submitted to the Clean Earth of Carteret facility does not contain polychlorinated biphenols (PCBs) at concentration greater than 50 ppm as defined in 40 CFR 761.

Herbicide/Pesticides Certification

I, the undersigned, under penalty of law, do hereby certify that the material to be submitted to the Clean Earth of Carteret facility does not contain Herbicides or Pesticides at concentrations that would render it as hazardous waste defined in 40 CFR 261.

Non-Hazardous Waste Certification

I, the undersigned, under penalty of law, do certify that the material submitted to the Clean Earth of Carteret facility is not a listed hazardous waste, nor does it contain a listed hazardous waste, nor does it exhibit any of the characteristics of a hazardous waste as defined in 40 CFR 261.

The undersigned also acknowledges they have used due diligence in determining the Non-Hazardous status, of the said material, as defined in 40 CFR. Should at any time after delivery, the material accepted by Clean Earth of Carteret be found non-conforming to the above, it becomes the responsibility of the Generator/Agent t remove the waste from Clean Earth of Carteret property within (5) days of notification (notification is to be verbal followed by written notification, over night receipted).
It is the Generator/Agent's responsibility to abide by all Federal, State, and Local regulations associated with the removal of their waste. If the waste is not removed within the specified time period said disposal shall be arranged by a Clean Earth of Carteret representative and billed to the Generator/Agent at cost plus basis. Furthermore the Generator/Agent will be responsible for any and all costs for decontamination required at Clean Earth of Carteret facility, that is related to the Generator/Agent's material and all liability for such nonconforming waste shall revert to the Generator/Agent.

I CERTIFY THAT I AM AUTHORIZED TO EXECUTE THIS ON BEHALF OF:

Vista Developers Corp.

Generator's Name

Sol Arker — President

Print Name — **Title**

Authorized Signature — **Date:** 11-5-07

CLEANEARTH
treating the planet right

Non Hazardous Profile Sheet

Profile # _____

Check each site you would like to utilize for this waste approval:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of West Virginia
3815 South State Route 2
Friendly, WV 26146
Ph: 304-652-8580

☐ Clean Earth of North Jersey
115 Jacobus Avenue
South Kearny, NJ 07032
Ph: 973-344-4004

☐ Other
_____
_____
_____

A. Waste Generator Information

1. Generator Name:	Akris + Castry LLP	8. Mailing Address:	930 Broadway
2. Site Address:	3035 White Plains Rd	9. City, State, Zip:	Woodmere, NY 11598
3. City, State, Zip:	Bronx, NY	10. County of Origin:	Bronx
4. Phone:	516 374-3336		
6. Contact:	Dan Moritz		
7. Email:	Dmoritz@Akriscompanies.com		

Billing Information

11. Customer Name:	Akris Companies	12. Contact:	Dan moritz
13. Address:	930 Broadway West	14. City, State, Zip:	Woodmere, NY 11598
15. Phone:	516 374-3336	16. Fax:	516-374-3326
17. Email:	Dmoritz@Akriscompanies.com		

B. Waste Stream Information

1. Name of Waste: Urban Fill + Petroleum 2. State Waste Code(s) (if applicable): _____
3. Process Generating Waste (attach separate sheet if necessary): _____

4. Estimated Quantity of Waste: 5,000 ☒Tons ☐Cubic Yards ☐Gallons | 5. Term of Project: ☐Recurring ☐One Time

C. Waste Composition/Characteristics

1. Source of Contamination (ie. UST, AST, leak, spill, urban fill, etc.): UST + Urban Fill	2. Type of Contamination (ie. diesel, gasoline, waste oil, heating oil, MGP, etc.): Gasoline
3. Contaminants of Concern (ie. Metals, TPH, PAH, etc.): VOCs, Metals, ~~TPH~~ PAHs	

4. Provide a site history detailing past and present land uses, on site storage/process information and any activities related to contaminants of concern (attach a separate sheet if necessary): Site is a former gas station + Auto & truck repair. It is a NYS Brownfields site.

5. Composition of Waste (clay, rock, sand, moisture, chemical, constituents, contaminants, etc.; should equal 100%): 85 Soil % | 5 Cobbles %; 10 Gravel % | _____ %

6. Is this site a State or Federal Superfund Site?	☐Yes ☒No
7. Is laboratory report being supplied with this profile? 7a. If yes, you will need to attach a sampling plan description and diagram of sampling locations that ties to the data. Please refer to the "Site Sampling Diagram" form in your approval package for guidance.	☒Yes ☐No
8. Is the waste represented in this waste profile classified as a radioactive material under USEPA 40CFR 191.12 or other applicable regulatory provisions?	☐Yes ☒No
9. Does the waste represented contain any levels of polychlorinated biphenyls (PCBs)? 9a. If yes, list the level: _____ 9b. If yes, is the waste material TSCA regulated or defined as a PCB remediation waste under TSCA?	☐Yes ☒No ☐Yes ☐No ☒N/A
10. Does the waste represented contain herbicides, pesticides, asbestos, insecticides or residues thereof at concentrations that would render it hazardous as defined by 40 CFR 261 or subject to additional state or federal regulations?	☐Yes ☒No

Non Hazardous
Profile Sheet

Profile # _____

C. Waste Composition/Characteristics (continued)

11. To the best of my knowledge, the waste represented in this profile is generated as a result of the corrective response taken under the Federal Underground Storage Tank Regulation 40 CFR 280.	☒Yes ☐No
12. Is the waste a dioxin bearing waste?	☐Yes ☒No
13. Is this waste a treatment residue from a previously listed or characteristic hazardous waste?	☐Yes ☒No
14. Is there a nuisance level of odor associated with this waste?	maybe
15. Are there any special handling instructions for management of this waste?	☐Yes ☒No

16. If yes to any of the questions numbered 6-15, please explain (attach an additional sheet if necessary): _____

#14 A small percentage of the soil will have gasoline contamination + this may be odors associate with this material

D. Generator Certification

1. I certify that the waste represented by this profile is not a listed hazardous waste, nor does it contain a listed hazardous waste, nor does it exhibit any characteristics of a hazardous waste as defined by 40 CFR 261.	☒Yes ☐No
2. I certify that this waste profile and all attachments contain true and accurate descriptions of the waste material.	☒Yes ☐No
3. I certify that all relevant information in possession of the Generator pertaining to known or suspected hazards with regard to the waste has been disclosed to Clean Earth.	☒Yes ☐No
4. I certify that all changes that occur in the characteristics of the waste will be identified by the Generator and disclosed to Clean Earth prior to providing the waste to Clean Earth.	☒Yes ☐No
5. I certify that the analytical data attached hereto are derived from testing representative sample(s) as referenced in 40 CFR 261.20© or an equivalent state regulatory provision.	☒Yes ☐No ☐N/A
6. For sites that contain "clean fill," the undersigned certifies that a site investigation was conducted and that the soil was characterized according to the proposed Clean Earth facility(s) acceptance criteria for soil classification as "clean fill."	☐Yes ☐No
7. The undersigned acknowledges they have used due diligence in determining the Non-Hazardous status of the said waste as defined in 40 CFR. Should, at any time after delivery, the material accepted by Clean Earth be found to be non-conforming to the information certified in this profile and represented by documentation attached hereto, it becomes the responsibility of the Generator/Agent to remove the waste from the designated Clean Earth facility within five (5) days of notification. Notification is to be verbal followed by written notification, overnight receipted. It is the Generator's/ Agent's responsibility to abide by all Federal, State and Local regulations associated with the removal of their waste. If the waste is not removed within the specified time period, said disposal shall be arranged by a Clean Earth representative and billed to the Generator/Agent at cost plus basis. Furthermore, the Generator/Agent will be responsible for any and all cost for decontamination required by the Clean Earth facility that is related to the Generator's/Agent's material and all liability for such nonconforming waste shall revert to Generator/Agent.	☒Yes ☐No

*Certification Signature: _____ Date: 12.6.07

Name (Type or Print): Jon ARKER Company: _____

*If someone other than the Generator is signing this profile or intends to sign any paperwork (which includes, but is not limited to, additional certifications, manifests, etc.) pertaining to this waste profile, authorization from the Generator, on the Generator's letterhead, must be supplied to Clean Earth prior to acceptance of waste material.

E. Clean Earth Waste Approval Decision

1. Treatment Option(s) _____
2. Proposed Treatment Facility(s) _____
3. Supplemental Information (special handling, hours of acceptance,etc): _____

4. Approval Decision:	☐Approved ☐Denied
4a. If denied, please indicate reason in the space provided: _____	

5. Approval Signature: _____ Date: _____
6. Facility Manager's Signature: _____ Date: _____

APPENDIX - H

Non-Hazardous Waste Disposal Manifests

Under Separate Cover - See FER Volume II

APPENDIX - I

Waste Characterization Profile and Analytical Results

Approval Number: _____

NON-HAZARDOUS WASTE CERTIFICATION SHEET

PCB Certification

I, the undersigned, under penalty of law, do hereby certify that the material to be submitted to the Clean Earth of Carteret facility does not contain polychlorinated biphenols (PCBs) at concentration greater than 50 ppm as defined in 40 CFR 761.

Herbicide/Pesticides Certification

I, the undersigned, under penalty of law, do hereby certify that the material to be submitted to the Clean Earth of Carteret facility does not contain Herbicides or Pesticides at concentrations that would render it as hazardous waste defined in 40 CFR 261.

Non-Hazardous Waste Certification

I, the undersigned, under penalty of law, do certify that the material submitted to the Clean Earth of Carteret facility is not a listed hazardous waste, nor does it contain a listed hazardous waste, nor does it exhibit any of the characteristics of a hazardous waste as defined in 40 CFR 261.

The undersigned also acknowledges they have used due diligence in determining the Non-Hazardous status, of the said material, as defined in 40 CFR. Should at any time after delivery, the material accepted by Clean Earth of Carteret be found non-conforming to the above, it becomes the responsibility of the Generator/Agent t remove the waste from Clean Earth of Carteret property within (5) days of notification (notification is to be verbal followed by written notification, over night receipted).
It is the Generator/Agent's responsibility to abide by all Federal, State, and Local regulations associated with the removal of their waste. If the waste is not removed within the specified time period said disposal shall be arranged by a Clean Earth of Carteret representative and billed to the Generator/Agent at cost plus basis. Furthermore the Generator/Agent will be responsible for any and all costs for decontamination required at Clean Earth of Carteret facility, that is related to the Generator/Agent's material and all liability for such nonconforming waste shall revert to the Generator/Agent.

I CERTIFY THAT I AM AUTHORIZED TO EXECUTE THIS ON BEHALF OF:

Vista Developers Corp.

Generator's Name

Sol Arker — President

Print Name — **Title**

Authorized Signature — **Date:** 11-5-07

Clean Earth of Carteret, Inc.
24 Middlesex Avenue, Carteret, NJ

Phone: 732-541-8909
Fax: 732-541-8105

Approval Number:

Contaminated Soil Profile Sheet

Generator Information:

Name: Bedford Park Associates

Address: 930 Broadway

City: Woodmere State: NY Zip Code: 11598

Agent or Contact Point: Charles Sosik Telephone: 631-924-0870

Company Name: EBC

Billing Information:

Name: Sol Ackerman Phone: 516-374-3336

Address: 930 Broadway

City: Woodmere State: NY Zip Code: 11598

Site Description:

Address: 3035 White Plains Road

City: Bronx State: NY Zip Code: _____

County of Origin if in New Jersey _____

Existing Site Land Use: Vacant Land How Many Years: 1

Is This Site a State or Federal Superfund Site ? _____ Yes _____ No X

Soil Description:

Source of Contamination (UST or Other): UST

Estimated Volume of Soil: 4,000 CY

Type of Contamination (Gas, Kero, #2, #4, #6 Oil, Etc.): Gasoline, Urban Fill

If Contamination is Other Than Above Please Specify: _____

Is a Soil Analysis Attached to this Form: YES

Certification

I hereby certify that the above information is a true and accurate description to the best of my knowledge of the material we intend to ship to the Clean Earth of Carteret Facility:

Signed: Charles Sosik Date: 11/1/07
Print Name: Charles Sosik Title: Principal - EBC

CLEANEARTH
treating the planet right

Non Hazardous Profile Sheet

Profile # _____

Check each site you would like to utilize for this waste approval:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of West Virginia
3815 South State Route 2
Friendly, WV 26146
Ph: 304-652-8580

☐ Clean Earth of North Jersey
115 Jacobus Avenue
South Kearny, NJ 07032
Ph: 973-344-4004

☐ Other
_____
_____
_____

A. Waste Generator Information

1. Generator Name:	Akris + Castry LLP	8. Mailing Address:	930 Broadway
2. Site Address:	3035 White Plains Rd	9. City, State, Zip:	Woodmere, NY 11598
3. City, State, Zip:	Bronx, NY	10. County of Origin:	Bronx
4. Phone:	516 374-3336		
6. Contact:	Dan Moritz		
7. Email:	Dmoritz@Akriscompanies.com		

Billing Information

11. Customer Name:	Akris Companies	12. Contact:	Dan moritz
13. Address:	930 Broadway West	14. City, State, Zip:	Woodmere, NY 11598
15. Phone:	516 374-3336	16. Fax:	516-374-3326
17. Email:	Dmoritz@Akriscompanies.com		

B. Waste Stream Information

1. Name of Waste: Urban Fill + Petroleum 2. State Waste Code(s) (if applicable): _____
3. Process Generating Waste (attach separate sheet if necessary): _____

4. Estimated Quantity of Waste: 5,000 ☒Tons ☐Cubic Yards ☐Gallons | 5. Term of Project: ☐Recurring ☐One Time

C. Waste Composition/Characteristics

1. Source of Contamination (ie. UST, AST, leak, spill, urban fill, etc.): UST + Urban Fill	2. Type of Contamination (ie. diesel, gasoline, waste oil, heating oil, MGP, etc.): Gasoline
3. Contaminants of Concern (ie. Metals, TPH, PAH, etc.): VOCs, Metals, ~~TPH~~ PAHs	

4. Provide a site history detailing past and present land uses, on site storage/process information and any activities related to contaminants of concern (attach a separate sheet if necessary): Site is a former gas station + Auto & truck repair. It is a NYS Brownfields site.

5. Composition of Waste (clay, rock, sand, moisture, chemical, constituents, contaminants, etc.; should equal 100%): 85 Soil % | 5 Cobbles %; 10 Gravel % | _____ %

6. Is this site a State or Federal Superfund Site?	☐Yes ☒No
7. Is laboratory report being supplied with this profile? 7a. If yes, you will need to attach a sampling plan description and diagram of sampling locations that ties to the data. Please refer to the "Site Sampling Diagram" form in your approval package for guidance.	☒Yes ☐No
8. Is the waste represented in this waste profile classified as a radioactive material under USEPA 40CFR 191.12 or other applicable regulatory provisions?	☐Yes ☒No
9. Does the waste represented contain any levels of polychlorinated biphenyls (PCBs)? 9a. If yes, list the level: _____ 9b. If yes, is the waste material TSCA regulated or defined as a PCB remediation waste under TSCA?	☐Yes ☒No ☐Yes ☐No ☒N/A
10. Does the waste represented contain herbicides, pesticides, asbestos, insecticides or residues thereof at concentrations that would render it hazardous as defined by 40 CFR 261 or subject to additional state or federal regulations?	☐Yes ☒No

Non Hazardous
Profile Sheet

Profile # _____

C. Waste Composition/Characteristics (continued)

11. To the best of my knowledge, the waste represented in this profile is generated as a result of the corrective response taken under the Federal Underground Storage Tank Regulation 40 CFR 280.	☒Yes ☐No
12. Is the waste a dioxin bearing waste?	☐Yes ☒No
13. Is this waste a treatment residue from a previously listed or characteristic hazardous waste?	☐Yes ☒No
14. Is there a nuisance level of odor associated with this waste?	maybe
15. Are there any special handling instructions for management of this waste?	☐Yes ☒No

16. If yes to any of the questions numbered 6-15, please explain (attach an additional sheet if necessary): _____

#14 A small percentage of the soil will have gasoline contamination + this may be odors associate with this material

D. Generator Certification

1. I certify that the waste represented by this profile is not a listed hazardous waste, nor does it contain a listed hazardous waste, nor does it exhibit any characteristics of a hazardous waste as defined by 40 CFR 261.	☒Yes ☐No
2. I certify that this waste profile and all attachments contain true and accurate descriptions of the waste material.	☒Yes ☐No
3. I certify that all relevant information in possession of the Generator pertaining to known or suspected hazards with regard to the waste has been disclosed to Clean Earth.	☒Yes ☐No
4. I certify that all changes that occur in the characteristics of the waste will be identified by the Generator and disclosed to Clean Earth prior to providing the waste to Clean Earth.	☒Yes ☐No
5. I certify that the analytical data attached hereto are derived from testing representative sample(s) as referenced in 40 CFR 261.20© or an equivalent state regulatory provision.	☒Yes ☐No ☐N/A
6. For sites that contain "clean fill," the undersigned certifies that a site investigation was conducted and that the soil was characterized according to the proposed Clean Earth facility(s) acceptance criteria for soil classification as "clean fill."	☐Yes ☐No
7. The undersigned acknowledges they have used due diligence in determining the Non-Hazardous status of the said waste as defined in 40 CFR. Should, at any time after delivery, the material accepted by Clean Earth be found to be non-conforming to the information certified in this profile and represented by documentation attached hereto, it becomes the responsibility of the Generator/Agent to remove the waste from the designated Clean Earth facility within five (5) days of notification. Notification is to be verbal followed by written notification, overnight receipted. It is the Generator's/ Agent's responsibility to abide by all Federal, State and Local regulations associated with the removal of their waste. If the waste is not removed within the specified time period, said disposal shall be arranged by a Clean Earth representative and billed to the Generator/Agent at cost plus basis. Furthermore, the Generator/Agent will be responsible for any and all cost for decontamination required by the Clean Earth facility that is related to the Generator's/Agent's material and all liability for such nonconforming waste shall revert to Generator/Agent.	☒Yes ☐No

*Certification Signature: _____ Date: 12.6.07

Name (Type or Print): Jon ARKER Company: _____

*If someone other than the Generator is signing this profile or intends to sign any paperwork (which includes, but is not limited to, additional certifications, manifests, etc.) pertaining to this waste profile, authorization from the Generator, on the Generator's letterhead, must be supplied to Clean Earth prior to acceptance of waste material.

E. Clean Earth Waste Approval Decision

1. Treatment Option(s) _____
2. Proposed Treatment Facility(s) _____
3. Supplemental Information (special handling, hours of acceptance,etc): _____

4. Approval Decision:	☐Approved ☐Denied
4a. If denied, please indicate reason in the space provided: _____	

5. Approval Signature: _____ Date: _____
6. Facility Manager's Signature: _____ Date: _____

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Friday, October 12, 2007

Charles Sosik
Environmental Business Consultants
9 Peconic Road
Ridge, NY 11961

TEL: (631) 924-0870
FAX (631) 924-0870

RE: 3035 White Plains Rd

Order No.: 0710095

Dear Charles Sosik:

American Analytical Laboratories, LLC. received 12 sample(s) on 10/8/2007 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT: Environmental Business Consultants
Project: 3035 White Plains Rd
Lab Order: 0710095

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0710095-01A	TP11B		10/5/2007 3:00:00 PM	10/8/2007
0710095-02A	TP12A		10/5/2007 3:00:00 PM	10/8/2007
0710095-03A	TP12B		10/5/2007 3:00:00 PM	10/8/2007
0710095-04A	TP12C		10/5/2007 3:00:00 PM	10/8/2007
0710095-05A	TP12D		10/5/2007 3:00:00 PM	10/8/2007
0710095-06A	TP13A		10/5/2007 3:00:00 PM	10/8/2007
0710095-07A	TP13B		10/5/2007 3:00:00 PM	10/8/2007
0710095-08A	TP13C		10/5/2007 3:00:00 PM	10/8/2007
0710095-09A	TP13D		10/5/2007 3:00:00 PM	10/8/2007
0710095-10A	TP14A		10/5/2007 3:00:00 PM	10/8/2007
0710095-11A	TP14B		10/5/2007 3:00:00 PM	10/8/2007
0710095-12A	TP15A		10/5/2007 3:00:00 PM	10/8/2007

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC _____

NYSDOH	11418
CTDOH	PH-0205
NJDEP	NY050
PADEP	68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: EBC Ed. Rigency, 9 Peconic, R:

CONTACT: Charles Sosik

SAMPLER (SIGNATURE):

SAMPLER NAME (PRINT): Damion Lawyer

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

PROJECT LOCATION: 3035 White Plains Road

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION	ANALYSIS REQUIRED: TPH 9013	FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
0710095-01A	S		10/5 3:00 pm	TP11B		
-02A				TP12A		
-03A				TP12B		
-04A				TP12C		
-05A				TP12D		
-06A				TP13A		
-07A				TP13B		
-08A				TP13C		
-09A				TP13D		
-10A				TP14A		
-11A				TP14B		
-12A				TP15A		

COOLER TEMPERATURE:

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED: NORMAL ☐ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
		Damion Lawyer	Karen Kelly	10/8/17 5:15	L. Kelly
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP11B
Lab Order:	0710095	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 3:00:00 PM
Lab ID:	0710095-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	65		mg/Kg-dry	1	10/11/2007 6:18:00 PM
Surr: o-Terphenyl	115	42-134		%REC	1	10/11/2007 6:18:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	9.30	0		wt%	1	10/9/2007

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP12A
Lab Order:	0710095	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 3:00:00 PM
Lab ID:	0710095-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	310	60		mg/Kg-dry	1	10/11/2007 6:45:00 PM
Surr: o-Terphenyl	118	42-134		%REC	1	10/11/2007 6:45:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	12.3	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP12B
Lab Order:	0710095	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 3:00:00 PM
Lab ID:	0710095-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	1200	87		mg/Kg-dry	1	10/11/2007 7:13:00 PM
Surr: o-Terphenyl	114	42-134		%REC	1	10/11/2007 7:13:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	11.4	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP12C
Lab Order:	0710095	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 3:00:00 PM
Lab ID:	0710095-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	430	84		mg/Kg-dry	1	10/11/2007 7:41:00 PM
Surr: o-Terphenyl	114	42-134		%REC	1	10/11/2007 7:41:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	14.9	0		wt%	1	10/9/2007

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP12D
Lab Order:	0710095	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 3:00:00 PM
Lab ID:	0710095-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	88		mg/Kg-dry	1	10/11/2007 8:09:00 PM
Surr: o-Terphenyl	114	42-134		%REC	1	10/11/2007 8:09:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	12.4	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP13A
Lab Order:	0710095	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 3:00:00 PM
Lab ID:	0710095-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	90		mg/Kg-dry	1	10/11/2007 8:37:00 PM
Surr: o-Terphenyl	117	42-134		%REC	1	10/11/2007 8:37:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	7.48	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP13B
Lab Order:	0710095	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 3:00:00 PM
Lab ID:	0710095-07A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	67		mg/Kg-dry	1	10/11/2007 9:05:00 PM
Surr: o-Terphenyl	112	42-134		%REC	1	10/11/2007 9:05:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	6.44	0		wt%	1	10/9/2007

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP13C
Lab Order:	0710095	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 3:00:00 PM
Lab ID:	0710095-08A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	82		mg/Kg-dry	1	10/11/2007 11:23:00 PM
Surr: o-Terphenyl	118	42-134		%REC	1	10/11/2007 11:23:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	6.74	0		wt%	1	10/9/2007

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP13D
Lab Order:	0710095	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 3:00:00 PM
Lab ID:	0710095-09A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	62		mg/Kg-dry	1	10/12/2007 12:46:00 AM
Surr: o-Terphenyl	110	42-134		%REC	1	10/12/2007 12:46:00 AM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	11.0	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP14A
Lab Order:	0710095	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 3:00:00 PM
Lab ID:	0710095-10A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	64		mg/Kg-dry	1	10/12/2007 1:14:00 AM
Surr: o-Terphenyl	105	42-134		%REC	1	10/12/2007 1:14:00 AM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	8.63	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP14B
Lab Order:	0710095	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 3:00:00 PM
Lab ID:	0710095-11A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	44	63	J	mg/Kg-dry	1	10/12/2007 1:42:00 AM
Surr: o-Terphenyl	111	42-134		%REC	1	10/12/2007 1:42:00 AM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	11.4	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP15A
Lab Order:	0710095	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 3:00:00 PM
Lab ID:	0710095-12A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	66		mg/Kg-dry	1	10/12/2007 2:10:00 AM
Surr: o-Terphenyl	109	42-134		%REC	1	10/12/2007 2:10:00 AM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	15.3	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Friday, October 12, 2007

Charles Sosik
Environmental Business Consultants
9 Peconic Road
Ridge, NY 11961

TEL: (631) 924-0870
FAX (631) 924-0870

RE: 3035 White Plains Rd

Order No.: 0710094

Dear Charles Sosik:

American Analytical Laboratories, LLC. received 12 sample(s) on 10/8/2007 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT: Environmental Business Consultants
Project: 3035 White Plains Rd
Lab Order: 0710094

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0710094-01A	TP7B		10/5/2007 2:00:00 PM	10/8/2007
0710094-02A	TP8A		10/5/2007 2:00:00 PM	10/8/2007
0710094-03A	TP8B		10/5/2007 2:00:00 PM	10/8/2007
0710094-04A	TP8C		10/5/2007 2:00:00 PM	10/8/2007
0710094-05A	TP8.5A		10/5/2007 2:00:00 PM	10/8/2007
0710094-06A	TP9A		10/5/2007 2:00:00 PM	10/8/2007
0710094-07A	TP9B		10/5/2007 2:00:00 PM	10/8/2007
0710094-08A	TP9C		10/5/2007 2:00:00 PM	10/8/2007
0710094-09A	TP10A		10/5/2007 2:00:00 PM	10/8/2007
0710094-10A	TP10B		10/5/2007 3:00:00 PM	10/8/2007
0710094-11A	TP10C		10/5/2007 3:00:00 PM	10/8/2007
0710094-12A	TP11A		10/5/2007 3:00:00 PM	10/8/2007

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC _____

NYSDOH 11418
CTDOH PH-0205
NJDEP NY050
PADEP 68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS
Charles Sosik
EBC
9 Reconic Rd. Ridge, NY

CONTACT: Charles Sosik

SAMPLER (SIGNATURE)

SAMPLER NAME (PRINT) Damian Lanyer

SAMPLE(S) SEALED YES / NO

CORRECT CONTAINER(S) YES / NO

PROJECT LOCATION:

ANALYSIS REQUIRED: TPH 8015

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION	FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
0710094-01A	S	1	10/5 2:00 pm	TP7B	
-02A				TP8A	
-03A				TP8B	
-04A				TP8C	
-05A				TP8.5A	
-06A				TP9A	
-07A				TP9B	
-08A				TP9C	
-09A				TP10A	
-10A			3:00 pm	TP10B	
-11A				TP10C	
-12A				TP11A	

COOLER TEMPERATURE:

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED:
NORMAL ☐ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
		Damian Lanyer	Karen Kelly	10/8/07 5:15	K. Kelly
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP7B
Lab Order:	0710094	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 2:00:00 PM
Lab ID:	0710094-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	84		mg/Kg-dry	1	10/11/2007 11:47:00 AM
Surr: o-Terphenyl	101	42-134		%REC	1	10/11/2007 11:47:00 AM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	8.01	0		wt%	1	10/9/2007

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP8A
Lab Order:	0710094	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 2:00:00 PM
Lab ID:	0710094-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	70		mg/Kg-dry	1	10/11/2007 1:11:00 PM
Surr: o-Terphenyl	112	42-134		%REC	1	10/11/2007 1:11:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	10.9	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP8B
Lab Order:	0710094	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 2:00:00 PM
Lab ID:	0710094-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	71		mg/Kg-dry	1	10/11/2007 1:38:00 PM
Surr: o-Terphenyl	110	42-134		%REC	1	10/11/2007 1:38:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	12.4	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP8C
Lab Order:	0710094	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 2:00:00 PM
Lab ID:	0710094-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	66		mg/Kg-dry	1	10/11/2007 2:06:00 PM
Surr: o-Terphenyl	104	42-134		%REC	1	10/11/2007 2:06:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	11.0	0		wt%	1	10/9/2007

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP8.5A
Lab Order:	0710094	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 2:00:00 PM
Lab ID:	0710094-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	67		mg/Kg-dry	1	10/11/2007 2:34:00 PM
Surr: o-Terphenyl	106	42-134		%REC	1	10/11/2007 2:34:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	17.4	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP9A
Lab Order:	0710094	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 2:00:00 PM
Lab ID:	0710094-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	510	110		mg/Kg-dry	1	10/11/2007 3:02:00 PM
Surr: o-Terphenyl	111	42-134		%REC	1	10/11/2007 3:02:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	9.28	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP9B
Lab Order:	0710094	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 2:00:00 PM
Lab ID:	0710094-07A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	230	71		mg/Kg-dry	1	10/11/2007 3:30:00 PM
Surr: o-Terphenyl	110	42-134		%REC	1	10/11/2007 3:30:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	11.6	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP9C
Lab Order:	0710094	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 2:00:00 PM
Lab ID:	0710094-08A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	62		mg/Kg-dry	1	10/11/2007 3:58:00 PM
Surr: o-Terphenyl	112	42-134		%REC	1	10/11/2007 3:58:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	10.7	0		wt%	1	10/9/2007

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP10A
Lab Order:	0710094	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 2:00:00 PM
Lab ID:	0710094-09A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	1500	75		mg/Kg-dry	1	10/11/2007 4:26:00 PM
Surr: o-Terphenyl	111	42-134		%REC	1	10/11/2007 4:26:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	11.5	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP10B
Lab Order:	0710094	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 3:00:00 PM
Lab ID:	0710094-10A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	9500	73		mg/Kg-dry	1	10/11/2007 4:54:00 PM
Surr: o-Terphenyl	110	42-134		%REC	1	10/11/2007 4:54:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	13.8	0		wt%	1	10/9/2007

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP10C
Lab Order:	0710094	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 3:00:00 PM
Lab ID:	0710094-11A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	360	77		mg/Kg-dry	1	10/11/2007 5:22:00 PM
Surr: o-Terphenyl	112	42-134		%REC	1	10/11/2007 5:22:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	7.77	0		wt%	1	10/9/2007

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *12-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP11A
Lab Order:	0710094	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 3:00:00 PM
Lab ID:	0710094-12A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	85		mg/Kg-dry	1	10/11/2007 5:50:00 PM
Surr: o-Terphenyl	112	42-134		%REC	1	10/11/2007 5:50:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	9.42	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Thursday, October 11, 2007

Charles Sosik
Environmental Business Consultants
9 Peconic Road
Ridge, NY 11961

TEL: (631) 924-0870
FAX (631) 924-0870

RE: 3035 White Plains Rd

Order No.: 0710093

Dear Charles Sosik:

American Analytical Laboratories, LLC. received 12 sample(s) on 10/8/2007 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: *11-Oct-07*

CLIENT: Environmental Business Consultants
Project: 3035 White Plains Rd
Lab Order: 0710093

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0710093-01A	TP1A		10/5/2007 12:00:00 PM	10/8/2007
0710093-02A	TP1B		10/5/2007 12:00:00 PM	10/8/2007
0710093-03A	TP2A		10/5/2007 12:00:00 PM	10/8/2007
0710093-04A	TP2B		10/5/2007 12:00:00 PM	10/8/2007
0710093-05A	TP2C		10/5/2007 12:00:00 PM	10/8/2007
0710093-06A	TP3A		10/5/2007 12:00:00 PM	10/8/2007
0710093-07A	TP4A		10/5/2007 1:00:00 PM	10/8/2007
0710093-08A	TP5A		10/5/2007 1:00:00 PM	10/8/2007
0710093-09A	TP6A		10/5/2007 1:00:00 PM	10/8/2007
0710093-10A	TP6B		10/5/2007 1:00:00 PM	10/8/2007
0710093-11A	TP6C		10/5/2007 1:00:00 PM	10/8/2007
0710093-12A	TP7A		10/5/2007 1:00:00 PM	10/8/2007

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC _____

NYSDOH	11418
CTDOH	PH-0205
NJDEP	NY050
PADEP	68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS
Charles Sosik
EBC
9 Peconic Ridge, NY 11691

CONTACT: Charles Sosik

SAMPLER (SIGNATURE)

SAMPLE(S) SEALED YES / NO

SAMPLER NAME (PRINT) Damion Lawyer

CORRECT CONTAINER(S) YES / NO

PROJECT LOCATION: 3035 White Plains Road

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION	ANALYSIS REQUIRED: TPH 8015	FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
C7100693-01A	S	1	10/5 12:00 pm	TP1 A		
-02A				TP1 B		
-03A				TP2 A		
-04A				TP2 B		
-05A				TP2C		
-06A				TP3 A		
-07A			1:00 pm	TP4 A		
-08A				TP5 A		
-09A				TP6 A		
-10A				TP6 B		
-11A				TP6 C		
-12A				TP7 A		

COOLER TEMPERATURE:

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED:
NORMAL ☐ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
	10/8 9	Damion Lawyer	Karen Kelly	10/8/07 8:15	KC Kelly
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: *11-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP1A
Lab Order:	0710093	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 12:00:00 PM
Lab ID:	0710093-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	80		mg/Kg-dry	1	10/10/2007 7:36:00 PM
Surr: o-Terphenyl	102	42-134		%REC	1	10/10/2007 7:36:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	10.6	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *11-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP1B
Lab Order:	0710093	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 12:00:00 PM
Lab ID:	0710093-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	84		mg/Kg-dry	1	10/10/2007 8:04:00 PM
Surr: o-Terphenyl	106	42-134		%REC	1	10/10/2007 8:04:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	14.8	0		wt%	1	10/9/2007

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *11-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP2A
Lab Order:	0710093	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 12:00:00 PM
Lab ID:	0710093-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	83		mg/Kg-dry	1	10/10/2007 8:32:00 PM
Surr: o-Terphenyl	105	42-134		%REC	1	10/10/2007 8:32:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	7.47	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *11-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP2B
Lab Order:	0710093	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 12:00:00 PM
Lab ID:	0710093-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	110		mg/Kg-dry	1	10/10/2007 8:59:00 PM
Surr: o-Terphenyl	107	42-134		%REC	1	10/10/2007 8:59:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	6.30	0		wt%	1	10/9/2007

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *11-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP2C
Lab Order:	0710093	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 12:00:00 PM
Lab ID:	0710093-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	110		mg/Kg-dry	1	10/10/2007 9:27:00 PM
Surr: o-Terphenyl	101	42-134		%REC	1	10/10/2007 9:27:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	8.78	0		wt%	1	10/9/2007

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *11-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP3A
Lab Order:	0710093	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 12:00:00 PM
Lab ID:	0710093-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	110		mg/Kg-dry	1	10/10/2007 9:55:00 PM
Surr: o-Terphenyl	105	42-134		%REC	1	10/10/2007 9:55:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	8.78	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *11-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP4A
Lab Order:	0710093	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 1:00:00 PM
Lab ID:	0710093-07A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	560	64		mg/Kg-dry	1	10/10/2007 10:23:00 PM
Surr: o-Terphenyl	113	42-134		%REC	1	10/10/2007 10:23:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	13.3	0		wt%	1	10/9/2007

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *11-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP5A
Lab Order:	0710093	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 1:00:00 PM
Lab ID:	0710093-08A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	77		mg/Kg-dry	1	10/10/2007 10:50:00 PM
Surr: o-Terphenyl	113	42-134		%REC	1	10/10/2007 10:50:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	7.08	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *11-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP6A
Lab Order:	0710093	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 1:00:00 PM
Lab ID:	0710093-09A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	92		mg/Kg-dry	1	10/10/2007 11:18:00 PM
Surr: o-Terphenyl	105	42-134		%REC	1	10/10/2007 11:18:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	9.44	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *11-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP6B
Lab Order:	0710093	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 1:00:00 PM
Lab ID:	0710093-10A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	110		mg/Kg-dry	1	10/10/2007 11:46:00 PM
Surr: o-Terphenyl	113	42-134		%REC	1	10/10/2007 11:46:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	8.43	0		wt%	1	10/9/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *11-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP6C
Lab Order:	0710093	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 1:00:00 PM
Lab ID:	0710093-11A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	110		mg/Kg-dry	1	10/11/2007 12:13:00 AM
Surr: o-Terphenyl	111	42-134		%REC	1	10/11/2007 12:13:00 AM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	10.3	0		wt%	1	10/9/2007

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *11-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP7A
Lab Order:	0710093	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 1:00:00 PM
Lab ID:	0710093-12A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	110		mg/Kg-dry	1	10/11/2007 12:41:00 AM
Surr: o-Terphenyl	107	42-134		%REC	1	10/11/2007 12:41:00 AM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	8.15	0		wt%	1	10/9/2007

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Tuesday, October 16, 2007

Charles Sosik
Environmental Business Consultants
9 Peconic Road
Ridge, NY 11961

TEL: (631) 924-0870
FAX (631) 924-0870

RE: 3035 White Plains Rd

Order No.: 0710096

Dear Charles Sosik:

American Analytical Laboratories, LLC. received 7 sample(s) on 10/8/2007 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: *16-Oct-07*

CLIENT: Environmental Business Consultants
Project: 3035 White Plains Rd
Lab Order: 0710096

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0710096-01A	TP15B		10/5/2007 4:00:00 PM	10/8/2007
0710096-02A	TP15C		10/5/2007 4:00:00 PM	10/8/2007
0710096-03A	TP1-9		10/5/2007 4:00:00 PM	10/8/2007
0710096-04A	TP10-15		10/5/2007 4:00:00 PM	10/8/2007
0710096-05A	TP1-5		10/5/2007 4:00:00 PM	10/8/2007
0710096-06A	TP6-9		10/5/2007 4:00:00 PM	10/8/2007
0710096-07A	TP10-15		10/5/2007 4:00:00 PM	10/8/2007

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC _____

NYSDOH 11418
CTDOH PH-0205
NJDEP NY050
PADEP 68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS
EBC
9 Pocanic Rd.
Ridge NY

CONTACT: Charles Sosik

SAMPLER (SIGNATURE)

SAMPLER NAME (PRINT) Damion Lawyer

SAMPLE(S) SEALED YES NO

CORRECT CONTAINER(S) YES NO

PROJECT LOCATION:
3055 White Plains Road

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION	TPH 8015	TCLP RCRA metals	RCRA characteristics (ignitability, reactivity, corrosivity)	Paint Filter	FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
0710696-01A	S	1	10/5 4:00 pm	TP15 B	✓				
-02A				TP15 C	✓				
-03A				TP1-9		✓	✓	✓	
-04A				TP10-15		✓	✓	✓	
-05A				TP1-5		✓	✓		
-06A				TP6-9		✓	✓		
-07A				TP10-15		✓	✓		

COOLER TEMPERATURE:

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED:
NORMAL ☐ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
		Damion Lawyer	Karen Kelly	10/8/07 5:15	K. Kelly
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: *16-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP15B
Lab Order:	0710096	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 4:00:00 PM
Lab ID:	0710096-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	120		mg/Kg-dry	1	10/11/2007 1:09:00 AM
Surr: o-Terphenyl	112	42-134		%REC	1	10/11/2007 1:09:00 AM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	15.9	0		wt%	1	10/9/2007

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *16-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP15C
Lab Order:	0710096	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 4:00:00 PM
Lab ID:	0710096-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**NA**		Analyst: **PT**
Total DRO TPH	U	99		mg/Kg-dry	1	10/11/2007 1:37:00 AM
Surr: o-Terphenyl	112	42-134		%REC	1	10/11/2007 1:37:00 AM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	15.8	0		wt%	1	10/9/2007

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *16-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP1-9
Lab Order:	0710096	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 4:00:00 PM
Lab ID:	0710096-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP MERCURY		**SW1311/7471B**		**SW7471B**		Analyst: **AH**
Mercury	U	0.0200		mg/L	1	10/12/2007 1:02:17 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	10.2	0		wt%	1	10/9/2007
TCLP METALS		**SW1311/6010B**		**SW1311**		Analyst: **JP**
Arsenic	U	0.0500		mg/L	1	10/11/2007 3:33:06 PM
Barium	1.84	0.0500		mg/L	1	10/11/2007 3:33:06 PM
Cadmium	U	0.0500		mg/L	1	10/11/2007 3:33:06 PM
Chromium	U	0.0500		mg/L	1	10/11/2007 3:33:06 PM
Lead	0.889	0.0500		mg/L	1	10/11/2007 3:33:06 PM
Selenium	U	0.0500		mg/L	1	10/11/2007 3:33:06 PM
Silver	U	0.0500		mg/L	1	10/11/2007 3:33:06 PM
IGNITABILITY/FLASHPOINT SW-846 1010		**SW1010**				Analyst: **PB**
Ignitability	>	140		°F	1	10/11/2007
PAINT FILTER		**SW9095A**				Analyst: **SAP**
Free Liquids	ND	0		Negative	1	10/9/2007
CORROSIVITY		**SW9045C**				Analyst: **SAP**
pH	7.20	0		pH Units	1	10/9/2007
REACTIVE CYANIDE		**SW7.3.3.2**				Analyst: **SAP**
Reactive Cyanide	U	0.111		mg/Kg-dry	1	10/11/2007
REACTIVE SULFIDE		**SW7.3.4.2**				Analyst: **SAP**
Reactive Sulfide	U	2.23		mg/Kg-dry	1	10/11/2007

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *16-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP10-15
Lab Order:	0710096	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 4:00:00 PM
Lab ID:	0710096-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP MERCURY		**SW1311/7471B**		**SW7471B**		Analyst: **AH**
Mercury	U	0.0200		mg/L	1	10/12/2007 1:04:24 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	9.50	0		wt%	1	10/9/2007
TCLP METALS		**SW1311/6010B**		**SW1311**		Analyst: **JP**
Arsenic	U	0.0500		mg/L	1	10/11/2007 3:35:10 PM
Barium	1.42	0.0500		mg/L	1	10/11/2007 3:35:10 PM
Cadmium	U	0.0500		mg/L	1	10/11/2007 3:35:10 PM
Chromium	U	0.0500		mg/L	1	10/11/2007 3:35:10 PM
Lead	0.357	0.0500		mg/L	1	10/11/2007 3:35:10 PM
Selenium	U	0.0500		mg/L	1	10/11/2007 3:35:10 PM
Silver	U	0.0500		mg/L	1	10/11/2007 3:35:10 PM
IGNITABILITY/FLASHPOINT SW-846 1010		**SW1010**				Analyst: **PB**
Ignitability	>	140		°F	1	10/11/2007
PAINT FILTER		**SW9095A**				Analyst: **SAP**
Free Liquids	ND	0		Negative	1	10/9/2007
CORROSIVITY		**SW9045C**				Analyst: **SAP**
pH	7.00	0		pH Units	1	10/9/2007
REACTIVE CYANIDE		**SW7.3.3.2**				Analyst: **SAP**
Reactive Cyanide	U	0.110		mg/Kg-dry	1	10/11/2007
REACTIVE SULFIDE		**SW7.3.4.2**				Analyst: **SAP**
Reactive Sulfide	U	2.21		mg/Kg-dry	1	10/11/2007

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *16-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP1-5
Lab Order:	0710096	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 4:00:00 PM
Lab ID:	0710096-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP MERCURY		**SW1311/7471B**		**SW7471B**		Analyst: **AH**
Mercury	U	0.0200		mg/L	1	10/12/2007 1:06:31 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	10.1	0		wt%	1	10/9/2007
TCLP METALS		**SW1311/6010B**		**SW1311**		Analyst: **JP**
Arsenic	U	0.0500		mg/L	1	10/11/2007 3:37:14 PM
Barium	1.49	0.0500		mg/L	1	10/11/2007 3:37:14 PM
Cadmium	U	0.0500		mg/L	1	10/11/2007 3:37:14 PM
Chromium	U	0.0500		mg/L	1	10/11/2007 3:37:14 PM
Lead	0.493	0.0500		mg/L	1	10/11/2007 3:37:14 PM
Selenium	U	0.0500		mg/L	1	10/11/2007 3:37:14 PM
Silver	U	0.0500		mg/L	1	10/11/2007 3:37:14 PM
IGNITABILITY/FLASHPOINT SW-846 1010		**SW1010**				Analyst: **PB**
Ignitability	>	140		°F	1	10/9/2007
CORROSIVITY		**SW9045C**				Analyst: **SAP**
pH	6.80	0		pH Units	1	10/9/2007
REACTIVE CYANIDE		**SW7.3.3.2**				Analyst: **SAP**
Reactive Cyanide	U	0.111		mg/Kg-dry	1	10/11/2007
REACTIVE SULFIDE		**SW7.3.4.2**				Analyst: **SAP**
Reactive Sulfide	U	2.23		mg/Kg-dry	1	10/11/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *16-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP6-9
Lab Order:	0710096	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 4:00:00 PM
Lab ID:	0710096-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP MERCURY		**SW1311/7471B**		**SW7471B**		Analyst: **AH**
Mercury	U	0.0200		mg/L	1	10/12/2007 3:29:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	10.4	0		wt%	1	10/9/2007
TCLP METALS		**SW1311/6010B**		**SW1311**		Analyst: **JP**
Arsenic	U	0.0500		mg/L	1	10/11/2007 3:39:18 PM
Barium	1.64	0.0500		mg/L	1	10/11/2007 3:39:18 PM
Cadmium	U	0.0500		mg/L	1	10/11/2007 3:39:18 PM
Chromium	0.0200	0.0500	J	mg/L	1	10/11/2007 3:39:18 PM
Lead	0.432	0.0500		mg/L	1	10/11/2007 3:39:18 PM
Selenium	U	0.0500		mg/L	1	10/11/2007 3:39:18 PM
Silver	U	0.0500		mg/L	1	10/11/2007 3:39:18 PM
IGNITABILITY/FLASHPOINT SW-846 1010		**SW1010**				Analyst: **PB**
Ignitability	>	140		°F	1	10/9/2007
CORROSIVITY		**SW9045C**				Analyst: **SAP**
pH	7.40	0		pH Units	1	10/9/2007
REACTIVE CYANIDE		**SW7.3.3.2**				Analyst: **SAP**
Reactive Cyanide	U	0.112		mg/Kg-dry	1	10/15/2007
REACTIVE SULFIDE		**SW7.3.4.2**				Analyst: **SAP**
Reactive Sulfide	U	2.23		mg/Kg-dry	1	10/15/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *16-Oct-07*

CLIENT:	Environmental Business Consultants	**Client Sample ID:**	TP10-15
Lab Order:	0710096	**Tag Number:**	
Project:	3035 White Plains Rd	**Collection Date:**	10/5/2007 4:00:00 PM
Lab ID:	0710096-07A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP MERCURY		**SW1311/7471B**		**SW7471B**		Analyst: **AH**
Mercury	U	0.0200		mg/L	1	10/12/2007 3:31:13 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	9.69	0		wt%	1	10/9/2007
TCLP METALS		**SW1311/6010B**		**SW1311**		Analyst: **JP**
Arsenic	U	0.0500		mg/L	1	10/11/2007 3:41:22 PM
Barium	1.51	0.0500		mg/L	1	10/11/2007 3:41:22 PM
Cadmium	U	0.0500		mg/L	1	10/11/2007 3:41:22 PM
Chromium	U	0.0500		mg/L	1	10/11/2007 3:41:22 PM
Lead	0.625	0.0500		mg/L	1	10/11/2007 3:41:22 PM
Selenium	U	0.0500		mg/L	1	10/11/2007 3:41:22 PM
Silver	U	0.0500		mg/L	1	10/11/2007 3:41:22 PM
IGNITABILITY/FLASHPOINT SW-846 1010		**SW1010**				Analyst: **PB**
Ignitability	>	140		°F	1	10/9/2007
CORROSIVITY		**SW9045C**				Analyst: **SAP**
pH	7.60	0		pH Units	1	10/9/2007
REACTIVE CYANIDE		**SW7.3.3.2**				Analyst: **SAP**
Reactive Cyanide	U	0.111		mg/Kg-dry	1	10/15/2007
REACTIVE SULFIDE		**SW7.3.4.2**				Analyst: **SAP**
Reactive Sulfide	U	2.21		mg/Kg-dry	1	10/15/2007

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

APPENDIX - J

Bedrock Transportation Tickets

APPENDIX - K

Bedrock Disposal Request Letter

ENVIRONMENTAL BUSINESSS CONSULTANTS

January 23, 2007

Mr. Shaminder Singh
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: ***Site No. C203039***
Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY
Bedrock Disposal - Identification of Selected Facility

Dear Mr. Singh:
In accordance with the approved Interim Remedial Measure Work Plan (EBC 11/07) for the project, we are seeking approval of the final destination of uncontaminated bedrock material excavated from the site. The facility selected for the final destination of this material is as follows:

Tilcon NY, Inc.
Millington Quarry
Stonehouse Road, P.O.Box 407
Millington, NJ 07946

This facility mines and provides stone products for a variety of uses including: railroad ballast, concrete and asphalt aggregate, sub-base material and erosion control.

Samples of uncontaminated bedrock material were obtained from the site on January 10th and 11th 2008 and submitted to the analytical laboratory (Chemtech Laboratories) for analysis of VOCs, SVOCs, Pest/PCBs and TAL metals. The results when compared to the Part 375-6.3 unrestricted use standards identified exceedances for three metals in 2 of the samples as follows:

- Zinc (Bnorth sample @ 229 mg/kg), Unrestricted use standard = 109 mg/kg
- Nickel (Bcentral sample @ 46.5), Unrestricted use standard = 30 mg/kg
- Chromium (Bcentral sample @ 43.1), Unrestricted use standard = 30 mg/kg

Based on the historic use of the site and the nature of the samples, which represented fresh samples of pulverized rock, the elevated levels of these metals do not represent an anthropogenic source and are instead representative of the uncontaminated bedrock chemistry. Petroleum contaminated bedrock as determined by screening will be stockpiled separately and shipped to the Clean Earth facility along with the remainder of overburden soil.

Please contact me if you have any questions regarding this request for final destination approval of uncontaminated bedrock materials.

Very truly yours,

Charles B. Sosik, P.G.
Principal

ENVIRONMENTAL BUSINESS CONSULTANTS
1808 Middle Country Road
Ridge, NY 11961
Phone 631.924.0870
Fax 631.924.2870
E-mail csosik2@optonline.net

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number: 21118

COC Number:

CLIENT INFORMATION

Report to be sent to

COMPANY: EBI
ADDRESS: 9 Peconic Rd
CITY: Ridge STATE: NY ZIP: 11961
ATTENTION: Charlie
PHONE: FAX:

PROJECT INFORMATION

PROJECT NAME: 3035 WPR
PROJECT #: LOCATION:
PROJECT MANAGER: Charles Sosik
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

BILL TO: PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION:
PHONE:

DATA TURNAROUND INFORMATION

FAX: 72 hrs DAYS*
HARD COPY: DAYS*
EDD DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY
- ☐ RESULTS * QC
- ☐ New Jersey REDUCED
- ✈ New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

1 VOC, 2 SVOCs, 3 Pest/PCB, 4 Metals, 5, 6, 7, 8, 9

PRESERVATIVES: 1 2 3 4 5 6 7 8 9

COMMENTS <-- Specify Preservatives
A-HCl B-HNO3
C-H2SO13 D-NaOH
E-ICE F-OTHER

	CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE: COMP	SAMPLE TYPE: GRAB	SAMPLE COLLECTION: DATE	SAMPLE COLLECTION: TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9
1.		Bedrock North	rock		✓	1/11	12	1	↓	↓	↓	↓					
2.		Bedrock South	↓		✓	1/11	12	1	↓	↓	↓	↓					
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

	RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1	Darion G	1/11 7pm	1
2	RELINQUISHED BY	DATE/TIME	RECEIVED BY 2
3	RELINQUISHED BY Fed-Ex	DATE/TIME 1-12-08 10:55	RECEIVED FOR LAB BY 3. T. Thrasher

Conditions of bottles or coolers at receipt: ✈ COMPLIANT ✈ NON COMPLIANT ✈ COOLER TEMP 13°C
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments: Received in a Box
No ice

Page 1 of 1

Overnight
CLIENT: ✈ Hand Delivered ✈
CHEMTECH: ✈ Picked Up ✈

Shipment Complete
☒ YES ✈ NO

10/18/2004

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

#

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number: 2118

COC Number:

CLIENT INFORMATION

Report to be sent to

COMPANY: EBC
ADDRESS: 9 Peconic Road
CITY: Ridge STATE: NY ZIP: 11961
ATTENTION: Charles Sosik
PHONE: 631 924 0870 FAX: 631 924 2870

PROJECT INFORMATION

PROJECT NAME: 3035 WPR
PROJECT #: LOCATION: 3035 w. jericho turnpike
PROJECT MANAGER: Charles Sosik
E-MAIL: CSosik2@optonline.net
PHONE: FAX:

BILLING INFORMATION

BILL TO: EBC PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION:
PHONE:

DATA TURNAROUND INFORMATION

FAX:_____ DAYS*
HARD COPY:_____ DAYS*
EDD_____ DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY
- ☐ RESULTS * QC
- ☐ New Jersey REDUCED
- ✈ New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other_____
- ☐ EDD FORMAT_____

ANALYSIS

1 VOCs
2 SVOCs
3 Pest/PCB
4 metals
5
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE: COMP	SAMPLE TYPE: GRAB	SAMPLE COLLECTION: DATE	SAMPLE COLLECTION: TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1	Bedrock North	crushed rock		✓	1/9	10 am		↓	↓	↓	↓						
2	Bedrock Central	↓		✓	1/9	↓											
3	Bedrock South	↓		✓	1/9	↓											
4																	
5																	
6																	
7																	
8																	
9																	
10																	

<-- Specify Preservatives
A-HCl B-HNO4
C-H2SO13 D-NaOH
E-ICE F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1	1/10	1
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3. Fed-Ex	1-11-08 9:30	3.

Conditions of bottles or coilers at receipt: ✈ COMPLIANT ✈ NON COMPLIANT ✈ COOLER TEMP 6°C
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments: See e-Mail

Page 1 of 1

CLIENT: ✈ Hand Delivered ✈ Overnight
CHEMTECH: ✈ Picked Up ✈

Shipment Complete ☒ YES ✈ NO

10/18/2004

WHITE - CHEMTECH COPYFOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY #

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**01/09/08**
Project ID:	**Former Dico-G auto & truck repair**	**Date Received:**	**01/11/08**
Customer Sample No.:	**BEDROCK NORTH**	**Lab Sample ID:**	**Z1118-01**
Test:	**Mercury**	**SDG ID:**	**Z1118**
Analytical Method:	**EPA SW-846 7471 - HG**	**% Moisture:**	**2.80**
Result Type:	**Final**	**Datafile:**	**011508B1**

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7439-97-6	**Mercury**	**ND**	**U**	**mg/Kg**	**0.003**	**0.010**	**1**	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK NORTH	**Lab Sample ID:**	Z1118-01
Test:	Metals ICP-TAL	**SDG ID:**	Z1118
Analytical Method:	EPA SW-846 6010 - ICP1	**% Moisture:**	2.80
Result Type:	Final	**Datafile:**	P1011608

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7429-90-5	Aluminum	17000		mg/Kg	0.606	3.410	1	
7440-36-0	Antimony	ND	U	mg/Kg	0.232	1.700	1	
7440-38-2	Arsenic	0.235	J	mg/Kg	0.136	0.681	1	
7440-39-3	Barium	221		mg/Kg	0.102	3.410	1	
7440-41-7	Beryllium	0.375		mg/Kg	0.007	0.204	1	
7440-43-9	Cadmium	ND	U	mg/Kg	0.041	0.681	1	
7440-70-2	Calcium	1490		mg/Kg	1.170	68.1	1	
7440-47-3	Chromium	28.8		mg/Kg	0.075	0.341	1	
7440-48-4	Cobalt	18.5		mg/Kg	0.095	1.020	1	
7440-50-8	Copper	35.6		mg/Kg	0.089	0.681	1	
7439-89-6	Iron	27300		mg/Kg	1.820	3.410	1	
7439-92-1	Lead	7.680		mg/Kg	0.095	0.681	1	
7439-95-4	Magnesium	6370		mg/Kg	1.180	68.1	1	
7439-96-5	Manganese	156		mg/Kg	0.041	0.681	1	
7440-02-0	Nickel	24.9		mg/Kg	0.082	1.360	1	

7440-09-7	Potassium	13477.48	OR	mg/Kg	14.9619827271	136.2657928467	1
7782-49-2	Selenium	ND	U	mg/Kg	0.123	0.681	1
7440-22-4	Silver	ND	U	mg/Kg	0.123	0.341	1
7440-23-5	Sodium	ND	U	mg/Kg	19.7	68.1	1
7440-28-0	Thallium	ND	U	mg/Kg	1.290	1.360	1
7440-62-2	Vanadium	41.0		mg/Kg	0.102	1.360	1
7440-66-6	Zinc	229		mg/Kg	0.729	1.360	1

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**01/09/08**
Project ID:	**Former Dico-G auto & truck repair**	**Date Received:**	**01/11/08**
Customer Sample No.:	**BEDROCK NORTH**	**Lab Sample ID:**	**Z1118-01**
Test:	**PCB**	**SDG ID:**	**Z1118**
Analytical Method:	**EPA SW-846 8082**	**% Moisture:**	**3.00**
Result Type:	**Final**	**Datafile:**	**P6012329**

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	2.6	17	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	4.1	17	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	6.1	17	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	5.4	17	1	
12672-29-6	Aroclor-1248	ND	U	ug/Kg	2.6	17	1	
11097-69-1	Aroclor-1254	ND	U	ug/Kg	1.7	17	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	4.3	17	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK NORTH	**Lab Sample ID:**	Z1118-01
Test:	Pesticide-TCL	**SDG ID:**	Z1118
Analytical Method:	EPA SW-846 8081	**% Moisture:**	3.00
Result Type:	Final	**Datafile:**	P7019232

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
319-84-6	alpha-BHC	ND	U	ug/Kg	0.66	1.7	1	
319-85-7	beta-BHC	ND	U	ug/Kg	0.90	1.7	1	
319-86-8	delta-BHC	ND	U	ug/Kg	1.7	1.7	1	
58-89-9	gamma-BHC	ND	U	ug/Kg	0.74	1.7	1	
76-44-8	Heptachlor	ND	U	ug/Kg	0.96	1.7	1	
309-00-2	Aldrin	ND	U	ug/Kg	1.3	1.7	1	
1024-57-3	Heptachlor epoxide	ND	U	ug/Kg	1.1	1.7	1	
959-98-8	Endosulfan I	ND	U	ug/Kg	0.91	1.7	1	
60-57-1	Dieldrin	ND	U	ug/Kg	0.85	1.7	1	
72-55-9	4,4-DDE	ND	U	ug/Kg	0.81	1.7	1	
72-20-8	Endrin	ND	U	ug/Kg	0.88	1.7	1	
33213-65-9	Endosulfan II	ND	U	ug/Kg	0.97	1.7	1	
72-54-8	4,4-DDD	ND	U	ug/Kg	0.72	1.7	1	
1031-07-8	Endosulfan Sulfate	ND	U	ug/Kg	1.1	1.7	1	
50-29-3	4,4-DDT	1.7	J	ug/Kg	0.74	1.7	1	
72-43-5	Methoxychlor	ND	U	ug/Kg	0.89	1.7	1	
53494-70-5	Endrin ketone	ND	U	ug/Kg	0.85	1.7	1	
7421-93-4	Endrin aldehyde	ND	U	ug/Kg	1.0	1.7	1	
5103-71-9	alpha-Chlordane	ND	U	ug/Kg	0.86	1.7	1	
5103-74-2	gamma-Chlordane	ND	U	ug/Kg	0.90	1.7	1	
8001-35-2	Toxaphene	ND	U	ug/Kg	3.7	17	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK NORTH	**Lab Sample ID:**	Z1118-01
Test:	SVOCMS Group1	**SDG ID:**	Z1118
Analytical Method:	EPA SW-846 8270	**% Moisture:**	3.00
Result Type:	Final	**Datafile:**	BB041521

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
100-52-7	Benzaldehyde	ND	U	ug/Kg	11	340	1	
111-44-4	bis(2-Chloroethyl)ether	ND	U	ug/Kg	4.5	340	1	
108-60-1	2,2-oxybis(1-Chloropropane)	ND	U	ug/Kg	14	340	1	
98-86-2	Acetophenone	ND	U	ug/Kg	10	340	1	
621-64-7	N-Nitroso-di-n-propylamine	ND	U	ug/Kg	12	340	1	
67-72-1	Hexachloroethane	ND	U	ug/Kg	11	340	1	
98-95-3	Nitrobenzene	ND	U	ug/Kg	8.0	340	1	
78-59-1	Isophorone	ND	U	ug/Kg	11	340	1	
111-91-1	bis(2-Chloroethoxy)methane	ND	U	ug/Kg	7.8	340	1	
91-20-3	Naphthalene	ND	U	ug/Kg	8.2	340	1	
106-47-8	4-Chloroaniline	ND	U	ug/Kg	22	340	1	
87-68-3	Hexachlorobutadiene	ND	U	ug/Kg	14	340	1	
105-60-2	Caprolactam	ND	U	ug/Kg	41	340	1	
91-57-6	2-Methylnaphthalene	ND	U	ug/Kg	9.6	340	1	
77-47-4	Hexachlorocyclopentadiene	ND	U	ug/Kg	17	340	1	
92-52-4	1,1-Biphenyl	ND	U	ug/Kg	10	340	1	
91-58-7	2-Chloronaphthalene	ND	U	ug/Kg	8.3	340	1	
88-74-4	2-Nitroaniline	ND	U	ug/Kg	16	860	1	
131-11-3	Dimethylphthalate	ND	U	ug/Kg	9.9	340	1	
208-96-8	Acenaphthylene	ND	U	ug/Kg	5.0	340	1	
606-20-2	2,6-Dinitrotoluene	ND	U	ug/Kg	12	340	1	
99-09-2	3-Nitroaniline	ND	U	ug/Kg	23	860	1	
83-32-9	Acenaphthene	ND	U	ug/Kg	7.4	340	1	
132-64-9	Dibenzofuran	ND	U	ug/Kg	11	340	1	
121-14-2	2,4-Dinitrotoluene	ND	U	ug/Kg	11	340	1	
84-66-2	Diethylphthalate	ND	U	ug/Kg	12	340	1	
7005-72-3	4-Chlorophenyl-phenylether	ND	U	ug/Kg	13	340	1	
86-73-7	Fluorene	ND	U	ug/Kg	9.2	340	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK NORTH	**Lab Sample ID:**	Z1118-01
Test:	SVOCMS Group1	**SDG ID:**	Z1118
Analytical Method:	EPA SW-846 8270	**% Moisture:**	3.00
Result Type:	Final	**DataFile:**	BB041521

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
100-01-6	4-Nitroaniline	ND	U	ug/Kg	27	860	1	
86-30-6	N-Nitrosodiphenylamine	ND	U	ug/Kg	26	340	1	
101-55-3	4-Bromophenyl-phenylether	ND	U	ug/Kg	16	340	1	
118-74-1	Hexachlorobenzene	ND	U	ug/Kg	10	340	1	
1912-24-9	Atrazine	ND	U	ug/Kg	24	340	1	
85-01-8	Phenanthrene	ND	U	ug/Kg	11	340	1	
120-12-7	Anthracene	ND	U	ug/Kg	11	340	1	
86-74-8	Carbazole	ND	U	ug/Kg	26	340	1	
84-74-2	Di-n-butylphthalate	ND	U	ug/Kg	16	340	1	
206-44-0	Fluoranthene	ND	U	ug/Kg	8.3	340	1	
129-00-0	Pyrene	ND	U	ug/Kg	7.4	340	1	
85-68-7	Butylbenzylphthalate	ND	U	ug/Kg	22	340	1	
91-94-1	3,3-Dichlorobenzidine	ND	U	ug/Kg	26	340	1	
56-55-3	Benzo(a)anthracene	ND	U	ug/Kg	8.2	340	1	
218-01-9	Chrysene	ND	U	ug/Kg	6.3	340	1	
117-81-7	bis(2-Ethylhexyl)phthalate	34	J	ug/Kg	13	340	1	
117-84-0	Di-n-octyl phthalate	ND	U	ug/Kg	12	340	1	
205-99-2	Benzo(b)fluoranthene	ND	U	ug/Kg	25	340	1	
207-08-9	Benzo(k)fluoranthene	ND	U	ug/Kg	16	340	1	
50-32-8	Benzo(a)pyrene	ND	U	ug/Kg	10	340	1	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	U	ug/Kg	8.6	340	1	
53-70-3	Dibenz(a,h)anthracene	ND	U	ug/Kg	25	340	1	
191-24-2	Benzo(g,h,i)perylene	ND	U	ug/Kg	25	340	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK NORTH	**Lab Sample ID:**	Z1118-01
Test:	VOCMS Group1	**SDG ID:**	Z1118
Analytical Method:	EPA SW846 8260	**% Moisture:**	3.00
Result Type:	Final	**Datafile:**	VK022563

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/Kg	9.9	26	1	
74-87-3	Chloromethane	ND	U	ug/Kg	6.9	26	1	
75-01-4	Vinyl Chloride	ND	U	ug/Kg	7.1	26	1	
74-83-9	Bromomethane	ND	U	ug/Kg	10	26	1	
75-00-3	Chloroethane	ND	U	ug/Kg	9.5	26	1	
75-69-4	Trichlorofluoromethane	ND	U	ug/Kg	6.1	26	1	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/Kg	8.7	26	1	
75-35-4	1,1-Dichloroethene	ND	U	ug/Kg	5.2	26	1	
67-64-1	Acetone	ND	U	ug/Kg	88	130	1	
75-15-0	Carbon Disulfide	ND	U	ug/Kg	5.6	26	1	
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/Kg	4.6	26	1	
79-20-9	Methyl Acetate	ND	U	ug/Kg	8.7	26	1	
75-09-2	Methylene Chloride	15	J	ug/Kg	13	26	1	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/Kg	6.3	26	1	
75-34-3	1,1-Dichloroethane	ND	U	ug/Kg	5.8	26	1	
110-82-7	Cyclohexane	ND	U	ug/Kg	5.3	26	1	
78-93-3	2-Butanone	ND	U	ug/Kg	26	130	1	
56-23-5	Carbon Tetrachloride	ND	U	ug/Kg	3.0	26	1	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/Kg	6.6	26	1	
67-66-3	Chloroform	ND	U	ug/Kg	4.6	26	1	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/Kg	4.9	26	1	
108-87-2	Methylcyclohexane	ND	U	ug/Kg	4.3	26	1	
71-43-2	Benzene	ND	U	ug/Kg	3.7	26	1	
107-06-2	1,2-Dichloroethane	ND	U	ug/Kg	4.2	26	1	
79-01-6	Trichloroethene	ND	U	ug/Kg	3.8	26	1	
78-87-5	1,2-Dichloropropane	ND	U	ug/Kg	4.8	26	1	
75-27-4	Bromodichloromethane	ND	U	ug/Kg	3.6	26	1	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/Kg	20	130	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK NORTH	**Lab Sample ID:**	Z1118-01
Test:	VOCMS Group1	**SDG ID:**	Z1118
Analytical Method:	EPA SW846 8260	**% Moisture:**	3.00
Result Type:	Final	**DataFile:**	VK022563

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
108-88-3	Toluene	ND	U	ug/Kg	4.5	26	1	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/Kg	4.3	26	1	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/Kg	3.5	26	1	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/Kg	3.1	26	1	
591-78-6	2-Hexanone	ND	U	ug/Kg	23	130	1	
124-48-1	Dibromochloromethane	ND	U	ug/Kg	3.4	26	1	
106-93-4	1,2-Dibromoethane	ND	U	ug/Kg	4.2	26	1	
127-18-4	Tetrachloroethene	ND	U	ug/Kg	6.4	26	1	
108-90-7	Chlorobenzene	ND	U	ug/Kg	3.9	26	1	
100-41-4	Ethyl Benzene	ND	U	ug/Kg	4.1	26	1	
126777-61-2	m/p-Xylenes	ND	U	ug/Kg	9.6	52	1	
95-47-6	o-Xylene	ND	U	ug/Kg	3.9	26	1	
100-42-5	Styrene	ND	U	ug/Kg	3.2	26	1	
75-25-2	Bromoform	ND	U	ug/Kg	4.2	26	1	
98-82-8	Isopropylbenzene	ND	U	ug/Kg	4.2	26	1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/Kg	4.6	26	1	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/Kg	3.5	26	1	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/Kg	4.0	26	1	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/Kg	4.4	26	1	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/Kg	5.3	26	1	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/Kg	3.4	26	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK NORTHDL	**Lab Sample ID:**	Z1118-01DL
Test:	Metals ICP-TAL	**SDG ID:**	Z1118
Analytical Method:	EPA SW-846 6010 - ICP1	**% Moisture:**	2.80
Result Type:	Final	**Datafile:**	P1011608

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7429-90-5	Aluminum	17900	D	mg/Kg	3.030	17.0	5	DIL
7440-36-0	Antimony	ND	UD	mg/Kg	1.160	8.520	5	DIL
7440-38-2	Arsenic	ND	UD	mg/Kg	0.681	3.410	5	DIL
7440-39-3	Barium	233	D	mg/Kg	0.511	17.0	5	DIL
7440-41-7	Beryllium	0.422	JD	mg/Kg	0.034	1.020	5	DIL
7440-43-9	Cadmium	ND	UD	mg/Kg	0.204	3.410	5	DIL
7440-70-2	Calcium	1610	D	mg/Kg	5.830	341	5	DIL
7440-47-3	Chromium	31.1	D	mg/Kg	0.375	1.700	5	DIL
7440-48-4	Cobalt	19.7	D	mg/Kg	0.477	5.110	5	DIL
7440-50-8	Copper	36.7	D	mg/Kg	0.443	3.410	5	DIL
7439-89-6	Iron	29700	D	mg/Kg	9.100	17.0	5	DIL
7439-92-1	Lead	7.960	D	mg/Kg	0.477	3.410	5	DIL
7439-95-4	Magnesium	6850	D	mg/Kg	5.890	341	5	DIL
7439-96-5	Manganese	168	D	mg/Kg	0.204	3.410	5	DIL
7440-02-0	Nickel	26.5	D	mg/Kg	0.409	6.810	5	DIL
7440-09-7	Potassium	12400	D	mg/Kg	74.8	681	5	DIL
7782-49-2	Selenium	ND	UD	mg/Kg	0.613	3.410	5	DIL
7440-22-4	Silver	ND	UD	mg/Kg	0.613	1.700	5	DIL
7440-23-5	Sodium	ND	UD	mg/Kg	98.4	341	5	DIL
7440-28-0	Thallium	ND	UD	mg/Kg	6.440	6.810	5	DIL
7440-62-2	Vanadium	43.8	D	mg/Kg	0.511	6.810	5	DIL
7440-66-6	Zinc	249	D	mg/Kg	3.650	6.810	5	DIL

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**01/09/08**
Project ID:	**Former Dico-G auto & truck repair**	**Date Received:**	**01/11/08**
Customer Sample No.:	**BEDROCK CENTRAL**	**Lab Sample ID:**	**Z1118-02**
Test:	**Mercury**	**SDG ID:**	**Z1118**
Analytical Method:	**EPA SW-846 7471 - HG**	**% Moisture:**	**2.70**
Result Type:	**Final**	**Datafile:**	**011408A**

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7439-97-6	**Mercury**	**ND**	**U**	**mg/Kg**	**0.003**	**0.010**	**1**	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK CENTRAL	**Lab Sample ID:**	Z1118-02
Test:	Metals ICP-TAL	**SDG ID:**	Z1118
Analytical Method:	EPA SW-846 6010 - ICP1	**% Moisture:**	2.70
Result Type:	Final	**Datafile:**	P1011508

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7429-90-5	Aluminum	23600		mg/Kg	0.606	3.400	1	
7440-36-0	Antimony	ND	U	mg/Kg	0.231	1.700	1	
7440-38-2	Arsenic	ND	U	mg/Kg	0.136	0.681	1	
7440-39-3	Barium	165		mg/Kg	0.102	3.400	1	
7440-41-7	Beryllium	0.643		mg/Kg	0.007	0.204	1	
7440-43-9	Cadmium	ND	U	mg/Kg	0.041	0.681	1	
7440-70-2	Calcium	1160		mg/Kg	1.160	68.1	1	
7440-47-3	Chromium	43.1		mg/Kg	0.075	0.340	1	
7440-48-4	Cobalt	31.7		mg/Kg	0.095	1.020	1	
7440-50-8	Copper	21.3		mg/Kg	0.088	0.681	1	
7439-89-6	Iron	38000		mg/Kg	1.820	3.400	1	
7439-92-1	Lead	3.570		mg/Kg	0.095	0.681	1	
7439-95-4	Magnesium	12200		mg/Kg	1.180	68.1	1	
7439-96-5	Manganese	845		mg/Kg	0.041	0.681	1	
7440-02-0	Nickel	46.5		mg/Kg	0.082	1.360	1	

7440-09-7	Potassium	15773.41	OR	mg/Kg	14.946603775	136.1257324219	1
7782-49-2	Selenium	ND	U	mg/Kg	0.123	0.681	1
7440-22-4	Silver	ND	U	mg/Kg	0.123	0.340	1
7440-23-5	Sodium	261		mg/Kg	19.7	68.1	1
7440-28-0	Thallium	ND	U	mg/Kg	1.290	1.360	1
7440-62-2	Vanadium	58.9		mg/Kg	0.102	1.360	1
7440-66-6	Zinc	64.4		mg/Kg	0.728	1.360	1

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**01/09/08**
Project ID:	**Former Dico-G auto & truck repair**	**Date Received:**	**01/11/08**
Customer Sample No.:	**BEDROCK CENTRAL**	**Lab Sample ID:**	**Z1118-02**
Test:	**PCB**	**SDG ID:**	**Z1118**
Analytical Method:	**EPA SW-846 8082**	**% Moisture:**	**3.00**
Result Type:	**Final**	**Datafile:**	**P6012330**

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	2.6	17	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	4.0	17	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	6.0	17	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	5.4	17	1	
12672-29-6	Aroclor-1248	ND	U	ug/Kg	2.6	17	1	
11097-69-1	Aroclor-1254	ND	U	ug/Kg	1.7	17	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	4.3	17	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK CENTRAL	**Lab Sample ID:**	Z1118-02
Test:	Pesticide-TCL	**SDG ID:**	Z1118
Analytical Method:	EPA SW-846 8081	**% Moisture:**	3.00
Result Type:	Final	**Datafile:**	P4010710

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
319-84-6	alpha-BHC	ND	U	ug/Kg	0.66	1.7	1	
319-85-7	beta-BHC	ND	U	ug/Kg	0.90	1.7	1	
319-86-8	delta-BHC	ND	U	ug/Kg	1.7	1.7	1	
58-89-9	gamma-BHC	ND	U	ug/Kg	0.74	1.7	1	
76-44-8	Heptachlor	ND	U	ug/Kg	0.96	1.7	1	
309-00-2	Aldrin	ND	U	ug/Kg	1.3	1.7	1	
1024-57-3	Heptachlor epoxide	ND	U	ug/Kg	1.1	1.7	1	
959-98-8	Endosulfan I	ND	U	ug/Kg	0.90	1.7	1	
60-57-1	Dieldrin	ND	U	ug/Kg	0.85	1.7	1	
72-55-9	4,4-DDE	ND	U	ug/Kg	0.81	1.7	1	
72-20-8	Endrin	ND	U	ug/Kg	0.88	1.7	1	
33213-65-9	Endosulfan II	ND	U	ug/Kg	0.97	1.7	1	
72-54-8	4,4-DDD	ND	U	ug/Kg	0.72	1.7	1	
1031-07-8	Endosulfan Sulfate	ND	U	ug/Kg	1.1	1.7	1	
50-29-3	4,4-DDT	ND	U	ug/Kg	0.74	1.7	1	
72-43-5	Methoxychlor	ND	U	ug/Kg	0.88	1.7	1	
53494-70-5	Endrin ketone	ND	U	ug/Kg	0.85	1.7	1	
7421-93-4	Endrin aldehyde	ND	U	ug/Kg	1.0	1.7	1	
5103-71-9	alpha-Chlordane	ND	U	ug/Kg	0.86	1.7	1	
5103-74-2	gamma-Chlordane	ND	U	ug/Kg	0.90	1.7	1	
8001-35-2	Toxaphene	ND	U	ug/Kg	3.7	17	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK CENTRAL	**Lab Sample ID:**	Z1118-02
Test:	SVOCMS Group1	**SDG ID:**	Z1118
Analytical Method:	EPA SW-846 8270	**% Moisture:**	3.00
Result Type:	Final	**Datafile:**	BF017292

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
100-52-7	Benzaldehyde	ND	U	ug/Kg	11	340	1	
111-44-4	bis(2-Chloroethyl)ether	ND	U	ug/Kg	4.4	340	1	
108-60-1	2,2-oxybis(1-Chloropropane)	ND	U	ug/Kg	14	340	1	
98-86-2	Acetophenone	ND	U	ug/Kg	10	340	1	
621-64-7	N-Nitroso-di-n-propylamine	ND	U	ug/Kg	12	340	1	
67-72-1	Hexachloroethane	ND	U	ug/Kg	11	340	1	
98-95-3	Nitrobenzene	ND	U	ug/Kg	8.0	340	1	
78-59-1	Isophorone	ND	U	ug/Kg	11	340	1	
111-91-1	bis(2-Chloroethoxy)methane	ND	U	ug/Kg	7.8	340	1	
91-20-3	Naphthalene	ND	U	ug/Kg	8.2	340	1	
106-47-8	4-Chloroaniline	ND	U	ug/Kg	22	340	1	
87-68-3	Hexachlorobutadiene	ND	U	ug/Kg	14	340	1	
105-60-2	Caprolactam	ND	U	ug/Kg	41	340	1	
91-57-6	2-Methylnaphthalene	ND	U	ug/Kg	9.6	340	1	
77-47-4	Hexachlorocyclopentadiene	ND	U	ug/Kg	17	340	1	
92-52-4	1,1-Biphenyl	ND	U	ug/Kg	10	340	1	
91-58-7	2-Chloronaphthalene	ND	U	ug/Kg	8.3	340	1	
88-74-4	2-Nitroaniline	ND	U	ug/Kg	16	850	1	
131-11-3	Dimethylphthalate	ND	U	ug/Kg	9.9	340	1	
208-96-8	Acenaphthylene	ND	U	ug/Kg	5.0	340	1	
606-20-2	2,6-Dinitrotoluene	ND	U	ug/Kg	12	340	1	
99-09-2	3-Nitroaniline	ND	U	ug/Kg	23	850	1	
83-32-9	Acenaphthene	ND	U	ug/Kg	7.4	340	1	
132-64-9	Dibenzofuran	ND	U	ug/Kg	11	340	1	
121-14-2	2,4-Dinitrotoluene	ND	U	ug/Kg	11	340	1	
84-66-2	Diethylphthalate	ND	U	ug/Kg	12	340	1	
7005-72-3	4-Chlorophenyl-phenylether	ND	U	ug/Kg	13	340	1	
86-73-7	Fluorene	ND	U	ug/Kg	9.2	340	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK CENTRAL	**Lab Sample ID:**	Z1118-02
Test:	SVOCMS Group1	**SDG ID:**	Z1118
Analytical Method:	EPA SW-846 8270	**% Moisture:**	3.00
Result Type:	Final	**DataFile:**	BF017292

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
100-01-6	4-Nitroaniline	ND	U	ug/Kg	27	850	1	
86-30-6	N-Nitrosodiphenylamine	ND	U	ug/Kg	26	340	1	
101-55-3	4-Bromophenyl-phenylether	ND	U	ug/Kg	16	340	1	
118-74-1	Hexachlorobenzene	ND	U	ug/Kg	10	340	1	
1912-24-9	Atrazine	ND	U	ug/Kg	24	340	1	
85-01-8	Phenanthrene	ND	U	ug/Kg	11	340	1	
120-12-7	Anthracene	ND	U	ug/Kg	11	340	1	
86-74-8	Carbazole	ND	U	ug/Kg	26	340	1	
84-74-2	Di-n-butylphthalate	ND	U	ug/Kg	16	340	1	
206-44-0	Fluoranthene	ND	U	ug/Kg	8.3	340	1	
129-00-0	Pyrene	ND	U	ug/Kg	7.4	340	1	
85-68-7	Butylbenzylphthalate	ND	U	ug/Kg	22	340	1	
91-94-1	3,3-Dichlorobenzidine	ND	U	ug/Kg	26	340	1	
56-55-3	Benzo(a)anthracene	ND	U	ug/Kg	8.2	340	1	
218-01-9	Chrysene	ND	U	ug/Kg	6.3	340	1	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	U	ug/Kg	13	340	1	
117-84-0	Di-n-octyl phthalate	ND	U	ug/Kg	12	340	1	
205-99-2	Benzo(b)fluoranthene	ND	U	ug/Kg	25	340	1	
207-08-9	Benzo(k)fluoranthene	ND	U	ug/Kg	16	340	1	
50-32-8	Benzo(a)pyrene	ND	U	ug/Kg	10	340	1	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	U	ug/Kg	8.6	340	1	
53-70-3	Dibenz(a,h)anthracene	ND	U	ug/Kg	25	340	1	
191-24-2	Benzo(g,h,i)perylene	ND	U	ug/Kg	25	340	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK CENTRAL	**Lab Sample ID:**	Z1118-02
Test:	VOCMS Group1	**SDG ID:**	Z1118
Analytical Method:	EPA SW846 8260	**% Moisture:**	3.00
Result Type:	Final	**Datafile:**	VK022564

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/Kg	9.8	26	1	
74-87-3	Chloromethane	ND	U	ug/Kg	6.8	26	1	
75-01-4	Vinyl Chloride	ND	U	ug/Kg	7.0	26	1	
74-83-9	Bromomethane	ND	U	ug/Kg	10	26	1	
75-00-3	Chloroethane	ND	U	ug/Kg	9.4	26	1	
75-69-4	Trichlorofluoromethane	ND	U	ug/Kg	6.1	26	1	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/Kg	8.6	26	1	
75-35-4	1,1-Dichloroethene	ND	U	ug/Kg	5.1	26	1	
67-64-1	Acetone	ND	U	ug/Kg	87	130	1	
75-15-0	Carbon Disulfide	ND	U	ug/Kg	5.5	26	1	
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/Kg	4.5	26	1	
79-20-9	Methyl Acetate	ND	U	ug/Kg	8.6	26	1	
75-09-2	Methylene Chloride	13	J	ug/Kg	12	26	1	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/Kg	6.3	26	1	
75-34-3	1,1-Dichloroethane	ND	U	ug/Kg	5.7	26	1	
110-82-7	Cyclohexane	ND	U	ug/Kg	5.2	26	1	
78-93-3	2-Butanone	ND	U	ug/Kg	26	130	1	
56-23-5	Carbon Tetrachloride	ND	U	ug/Kg	3.0	26	1	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/Kg	6.6	26	1	
67-66-3	Chloroform	ND	U	ug/Kg	4.5	26	1	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/Kg	4.8	26	1	
108-87-2	Methylcyclohexane	ND	U	ug/Kg	4.2	26	1	
71-43-2	Benzene	ND	U	ug/Kg	3.7	26	1	
107-06-2	1,2-Dichloroethane	ND	U	ug/Kg	4.2	26	1	
79-01-6	Trichloroethene	ND	U	ug/Kg	3.7	26	1	
78-87-5	1,2-Dichloropropane	ND	U	ug/Kg	4.8	26	1	
75-27-4	Bromodichloromethane	ND	U	ug/Kg	3.6	26	1	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/Kg	19	130	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK CENTRAL	**Lab Sample ID:**	Z1118-02
Test:	VOCMS Group1	**SDG ID:**	Z1118
Analytical Method:	EPA SW846 8260	**% Moisture:**	3.00
Result Type:	Final	**DataFile:**	VK022564

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
108-88-3	Toluene	ND	U	ug/Kg	4.5	26	1	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/Kg	4.3	26	1	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/Kg	3.4	26	1	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/Kg	3.1	26	1	
591-78-6	2-Hexanone	ND	U	ug/Kg	22	130	1	
124-48-1	Dibromochloromethane	ND	U	ug/Kg	3.4	26	1	
106-93-4	1,2-Dibromoethane	ND	U	ug/Kg	4.2	26	1	
127-18-4	Tetrachloroethene	ND	U	ug/Kg	6.3	26	1	
108-90-7	Chlorobenzene	ND	U	ug/Kg	3.9	26	1	
100-41-4	Ethyl Benzene	ND	U	ug/Kg	4.1	26	1	
126777-61-2	m/p-Xylenes	ND	U	ug/Kg	9.5	51	1	
95-47-6	o-Xylene	ND	U	ug/Kg	3.9	26	1	
100-42-5	Styrene	ND	U	ug/Kg	3.2	26	1	
75-25-2	Bromoform	ND	U	ug/Kg	4.1	26	1	
98-82-8	Isopropylbenzene	ND	U	ug/Kg	4.2	26	1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/Kg	4.5	26	1	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/Kg	3.4	26	1	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/Kg	3.9	26	1	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/Kg	4.4	26	1	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/Kg	5.2	26	1	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/Kg	3.4	26	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK CENTRALDL	**Lab Sample ID:**	Z1118-02DL
Test:	Metals ICP-TAL	**SDG ID:**	Z1118
Analytical Method:	EPA SW-846 6010 - ICP1	**% Moisture:**	2.70
Result Type:	Final	**Datafile:**	P1011508

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7429-90-5	Aluminum	26200	D	mg/Kg	3.030	17.0	5	DIL
7440-36-0	Antimony	ND	UD	mg/Kg	1.160	8.510	5	DIL
7440-38-2	Arsenic	15.0	D	mg/Kg	0.681	3.400	5	DIL
7440-39-3	Barium	173	D	mg/Kg	0.510	17.0	5	DIL
7440-41-7	Beryllium	0.667	JD	mg/Kg	0.034	1.020	5	DIL
7440-43-9	Cadmium	ND	UD	mg/Kg	0.204	3.400	5	DIL
7440-70-2	Calcium	1310	D	mg/Kg	5.820	340	5	DIL
7440-47-3	Chromium	49.6	D	mg/Kg	0.374	1.700	5	DIL
7440-48-4	Cobalt	36.2	D	mg/Kg	0.476	5.100	5	DIL
7440-50-8	Copper	23.8	D	mg/Kg	0.442	3.400	5	DIL
7439-89-6	Iron	48500	D	mg/Kg	9.090	17.0	5	DIL
7439-92-1	Lead	2.940	JD	mg/Kg	0.476	3.400	5	DIL
7439-95-4	Magnesium	13500	D	mg/Kg	5.890	340	5	DIL
7439-96-5	Manganese	1010	D	mg/Kg	0.204	3.400	5	DIL
7440-02-0	Nickel	54.4	D	mg/Kg	0.408	6.810	5	DIL
7440-09-7	Potassium	14700	D	mg/Kg	74.7	681	5	DIL
7782-49-2	Selenium	ND	UD	mg/Kg	0.613	3.400	5	DIL
7440-22-4	Silver	ND	UD	mg/Kg	0.613	1.700	5	DIL
7440-23-5	Sodium	260	JD	mg/Kg	98.3	340	5	DIL
7440-28-0	Thallium	ND	UD	mg/Kg	6.430	6.810	5	DIL
7440-62-2	Vanadium	69.3	D	mg/Kg	0.510	6.810	5	DIL
7440-66-6	Zinc	75.0	D	mg/Kg	3.640	6.810	5	DIL

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**01/09/08**
Project ID:	**Former Dico-G auto & truck repair**	**Date Received:**	**01/11/08**
Customer Sample No.:	**BEDROCK SOUTH**	**Lab Sample ID:**	**Z1118-03**
Test:	**Mercury**	**SDG ID:**	**Z1118**
Analytical Method:	**EPA SW-846 7471 - HG**	**% Moisture:**	**1.00**
Result Type:	**Final**	**Datafile:**	**011508B1**

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7439-97-6	**Mercury**	**ND**	**U**	**mg/Kg**	**0.003**	**0.010**	**1**	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK SOUTH	**Lab Sample ID:**	Z1118-03
Test:	Metals ICP-TAL	**SDG ID:**	Z1118
Analytical Method:	EPA SW-846 6010 - ICP1	**% Moisture:**	1.00
Result Type:	Final	**Datafile:**	P1011608

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7429-90-5	Aluminum	11000		mg/Kg	0.599	3.370	1	
7440-36-0	Antimony	ND	U	mg/Kg	0.229	1.680	1	
7440-38-2	Arsenic	0.204	J	mg/Kg	0.135	0.673	1	
7440-39-3	Barium	139		mg/Kg	0.101	3.370	1	
7440-41-7	Beryllium	0.168	J	mg/Kg	0.007	0.202	1	
7440-43-9	Cadmium	ND	U	mg/Kg	0.040	0.673	1	
7440-70-2	Calcium	769		mg/Kg	1.150	67.3	1	
7440-47-3	Chromium	15.7		mg/Kg	0.074	0.337	1	
7440-48-4	Cobalt	16.5		mg/Kg	0.094	1.010	1	
7440-50-8	Copper	29.9		mg/Kg	0.088	0.673	1	
7439-89-6	Iron	20200		mg/Kg	1.800	3.370	1	
7439-92-1	Lead	2.790		mg/Kg	0.094	0.673	1	
7439-95-4	Magnesium	5330		mg/Kg	1.160	67.3	1	
7439-96-5	Manganese	57.5		mg/Kg	0.040	0.673	1	
7440-02-0	Nickel	20.9		mg/Kg	0.081	1.350	1	

7440-09-7	Potassium	9335.057	OR	mg/Kg	14.7878770828	134.6801452637	1
7782-49-2	Selenium	ND	U	mg/Kg	0.121	0.673	1
7440-22-4	Silver	ND	U	mg/Kg	0.121	0.337	1
7440-23-5	Sodium	75.9		mg/Kg	19.5	67.3	1
7440-28-0	Thallium	ND	U	mg/Kg	1.270	1.350	1
7440-62-2	Vanadium	21.5		mg/Kg	0.101	1.350	1
7440-66-6	Zinc	64.4		mg/Kg	0.721	1.350	1

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**01/09/08**
Project ID:	**Former Dico-G auto & truck repair**	**Date Received:**	**01/11/08**
Customer Sample No.:	**BEDROCK SOUTH**	**Lab Sample ID:**	**Z1118-03**
Test:	**PCB**	**SDG ID:**	**Z1118**
Analytical Method:	**EPA SW-846 8082**	**% Moisture:**	**1.00**
Result Type:	**Final**	**Datafile:**	**P6012331**

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	2.6	17	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	4.0	17	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	5.9	17	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	5.3	17	1	
12672-29-6	Aroclor-1248	ND	U	ug/Kg	2.6	17	1	
11097-69-1	Aroclor-1254	ND	U	ug/Kg	1.7	17	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	4.3	17	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK SOUTH	**Lab Sample ID:**	Z1118-03
Test:	Pesticide-TCL	**SDG ID:**	Z1118
Analytical Method:	EPA SW-846 8081	**% Moisture:**	1.00
Result Type:	Final	**Datafile:**	P7019205

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
319-84-6	alpha-BHC	ND	U	ug/Kg	0.65	1.7	1	
319-85-7	beta-BHC	ND	U	ug/Kg	0.88	1.7	1	
319-86-8	delta-BHC	ND	U	ug/Kg	1.6	1.7	1	
58-89-9	gamma-BHC	ND	U	ug/Kg	0.73	1.7	1	
76-44-8	Heptachlor	ND	U	ug/Kg	0.94	1.7	1	
309-00-2	Aldrin	ND	U	ug/Kg	1.2	1.7	1	
1024-57-3	Heptachlor epoxide	ND	U	ug/Kg	1.1	1.7	1	
959-98-8	Endosulfan I	ND	U	ug/Kg	0.89	1.7	1	
60-57-1	Dieldrin	ND	U	ug/Kg	0.83	1.7	1	
72-55-9	4,4-DDE	ND	U	ug/Kg	0.79	1.7	1	
72-20-8	Endrin	ND	U	ug/Kg	0.86	1.7	1	
33213-65-9	Endosulfan II	ND	U	ug/Kg	0.95	1.7	1	
72-54-8	4,4-DDD	ND	U	ug/Kg	0.71	1.7	1	
1031-07-8	Endosulfan Sulfate	ND	U	ug/Kg	1.1	1.7	1	
50-29-3	4,4-DDT	ND	U	ug/Kg	0.73	1.7	1	
72-43-5	Methoxychlor	ND	U	ug/Kg	0.87	1.7	1	
53494-70-5	Endrin ketone	ND	U	ug/Kg	0.83	1.7	1	
7421-93-4	Endrin aldehyde	ND	U	ug/Kg	1.0	1.7	1	
5103-71-9	alpha-Chlordane	ND	U	ug/Kg	0.84	1.7	1	
5103-74-2	gamma-Chlordane	ND	U	ug/Kg	0.88	1.7	1	
8001-35-2	Toxaphene	ND	U	ug/Kg	3.6	17	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK SOUTH	**Lab Sample ID:**	Z1118-03
Test:	SVOCMS Group1	**SDG ID:**	Z1118
Analytical Method:	EPA SW-846 8270	**% Moisture:**	1.00
Result Type:	Final	**Datafile:**	BB041520

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
100-52-7	Benzaldehyde	ND	U	ug/Kg	11	330	1	
111-44-4	bis(2-Chloroethyl)ether	ND	U	ug/Kg	4.4	330	1	
108-60-1	2,2-oxybis(1-Chloropropane)	ND	U	ug/Kg	14	330	1	
98-86-2	Acetophenone	ND	U	ug/Kg	9.9	330	1	
621-64-7	N-Nitroso-di-n-propylamine	ND	U	ug/Kg	12	330	1	
67-72-1	Hexachloroethane	ND	U	ug/Kg	11	330	1	
98-95-3	Nitrobenzene	ND	U	ug/Kg	7.8	330	1	
78-59-1	Isophorone	ND	U	ug/Kg	11	330	1	
111-91-1	bis(2-Chloroethoxy)methane	ND	U	ug/Kg	7.7	330	1	
91-20-3	Naphthalene	ND	U	ug/Kg	8.0	330	1	
106-47-8	4-Chloroaniline	ND	U	ug/Kg	22	330	1	
87-68-3	Hexachlorobutadiene	ND	U	ug/Kg	13	330	1	
105-60-2	Caprolactam	ND	U	ug/Kg	40	330	1	
91-57-6	2-Methylnaphthalene	ND	U	ug/Kg	9.4	330	1	
77-47-4	Hexachlorocyclopentadiene	ND	U	ug/Kg	17	330	1	
92-52-4	1,1-Biphenyl	ND	U	ug/Kg	9.9	330	1	
91-58-7	2-Chloronaphthalene	ND	U	ug/Kg	8.1	330	1	
88-74-4	2-Nitroaniline	ND	U	ug/Kg	16	840	1	
131-11-3	Dimethylphthalate	ND	U	ug/Kg	9.7	330	1	
208-96-8	Acenaphthylene	ND	U	ug/Kg	4.9	330	1	
606-20-2	2,6-Dinitrotoluene	ND	U	ug/Kg	12	330	1	
99-09-2	3-Nitroaniline	ND	U	ug/Kg	22	840	1	
83-32-9	Acenaphthene	ND	U	ug/Kg	7.2	330	1	
132-64-9	Dibenzofuran	ND	U	ug/Kg	10	330	1	
121-14-2	2,4-Dinitrotoluene	ND	U	ug/Kg	11	330	1	
84-66-2	Diethylphthalate	ND	U	ug/Kg	11	330	1	
7005-72-3	4-Chlorophenyl-phenylether	ND	U	ug/Kg	13	330	1	
86-73-7	Fluorene	ND	U	ug/Kg	9.0	330	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK SOUTH	**Lab Sample ID:**	Z1118-03
Test:	SVOCMS Group1	**SDG ID:**	Z1118
Analytical Method:	EPA SW-846 8270	**% Moisture:**	1.00
Result Type:	Final	**DataFile:**	BB041520

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
100-01-6	4-Nitroaniline	ND	U	ug/Kg	26	840	1	
86-30-6	N-Nitrosodiphenylamine	ND	U	ug/Kg	25	330	1	
101-55-3	4-Bromophenyl-phenylether	ND	U	ug/Kg	15	330	1	
118-74-1	Hexachlorobenzene	ND	U	ug/Kg	10	330	1	
1912-24-9	Atrazine	ND	U	ug/Kg	24	330	1	
85-01-8	Phenanthrene	ND	U	ug/Kg	10	330	1	
120-12-7	Anthracene	ND	U	ug/Kg	11	330	1	
86-74-8	Carbazole	ND	U	ug/Kg	25	330	1	
84-74-2	Di-n-butylphthalate	ND	U	ug/Kg	16	330	1	
206-44-0	Fluoranthene	ND	U	ug/Kg	8.1	330	1	
129-00-0	Pyrene	ND	U	ug/Kg	7.3	330	1	
85-68-7	Butylbenzylphthalate	ND	U	ug/Kg	21	330	1	
91-94-1	3,3-Dichlorobenzidine	ND	U	ug/Kg	25	330	1	
56-55-3	Benzo(a)anthracene	ND	U	ug/Kg	8.0	330	1	
218-01-9	Chrysene	ND	U	ug/Kg	6.2	330	1	
117-81-7	bis(2-Ethylhexyl)phthalate	39	J	ug/Kg	13	330	1	
117-84-0	Di-n-octyl phthalate	ND	U	ug/Kg	12	330	1	
205-99-2	Benzo(b)fluoranthene	ND	U	ug/Kg	24	330	1	
207-08-9	Benzo(k)fluoranthene	ND	U	ug/Kg	15	330	1	
50-32-8	Benzo(a)pyrene	ND	U	ug/Kg	9.8	330	1	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	U	ug/Kg	8.4	330	1	
53-70-3	Dibenz(a,h)anthracene	ND	U	ug/Kg	24	330	1	
191-24-2	Benzo(g,h,i)perylene	ND	U	ug/Kg	24	330	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK SOUTH	**Lab Sample ID:**	Z1118-03
Test:	VOCMS Group1	**SDG ID:**	Z1118
Analytical Method:	EPA SW846 8260	**% Moisture:**	1.00
Result Type:	Final	**Datafile:**	VK022565

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/Kg	9.5	25	1	
74-87-3	Chloromethane	ND	U	ug/Kg	6.6	25	1	
75-01-4	Vinyl Chloride	ND	U	ug/Kg	6.8	25	1	
74-83-9	Bromomethane	ND	U	ug/Kg	10	25	1	
75-00-3	Chloroethane	ND	U	ug/Kg	9.2	25	1	
75-69-4	Trichlorofluoromethane	ND	U	ug/Kg	5.9	25	1	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/Kg	8.3	25	1	
75-35-4	1,1-Dichloroethene	ND	U	ug/Kg	5.0	25	1	
67-64-1	Acetone	ND	U	ug/Kg	84	120	1	
75-15-0	Carbon Disulfide	ND	U	ug/Kg	5.3	25	1	
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/Kg	4.4	25	1	
79-20-9	Methyl Acetate	ND	U	ug/Kg	8.4	25	1	
75-09-2	Methylene Chloride	ND	U	ug/Kg	12	25	1	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/Kg	6.1	25	1	
75-34-3	1,1-Dichloroethane	ND	U	ug/Kg	5.5	25	1	
110-82-7	Cyclohexane	ND	U	ug/Kg	5.1	25	1	
78-93-3	2-Butanone	ND	U	ug/Kg	25	120	1	
56-23-5	Carbon Tetrachloride	ND	U	ug/Kg	2.9	25	1	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/Kg	6.4	25	1	
67-66-3	Chloroform	ND	U	ug/Kg	4.4	25	1	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/Kg	4.7	25	1	
108-87-2	Methylcyclohexane	ND	U	ug/Kg	4.1	25	1	
71-43-2	Benzene	ND	U	ug/Kg	3.6	25	1	
107-06-2	1,2-Dichloroethane	ND	U	ug/Kg	4.1	25	1	
79-01-6	Trichloroethene	ND	U	ug/Kg	3.6	25	1	
78-87-5	1,2-Dichloropropane	ND	U	ug/Kg	4.7	25	1	
75-27-4	Bromodichloromethane	ND	U	ug/Kg	3.5	25	1	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/Kg	19	120	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK SOUTH	**Lab Sample ID:**	Z1118-03
Test:	VOCMS Group1	**SDG ID:**	Z1118
Analytical Method:	EPA SW846 8260	**% Moisture:**	1.00
Result Type:	Final	**DataFile:**	VK022565

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
108-88-3	Toluene	ND	U	ug/Kg	4.4	25	1	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/Kg	4.2	25	1	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/Kg	3.3	25	1	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/Kg	3.0	25	1	
591-78-6	2-Hexanone	ND	U	ug/Kg	22	120	1	
124-48-1	Dibromochloromethane	ND	U	ug/Kg	3.3	25	1	
106-93-4	1,2-Dibromoethane	ND	U	ug/Kg	4.1	25	1	
127-18-4	Tetrachloroethene	ND	U	ug/Kg	6.1	25	1	
108-90-7	Chlorobenzene	ND	U	ug/Kg	3.8	25	1	
100-41-4	Ethyl Benzene	ND	U	ug/Kg	4.0	25	1	
126777-61-2	m/p-Xylenes	ND	U	ug/Kg	9.2	50	1	
95-47-6	o-Xylene	ND	U	ug/Kg	3.8	25	1	
100-42-5	Styrene	ND	U	ug/Kg	3.1	25	1	
75-25-2	Bromoform	ND	U	ug/Kg	4.0	25	1	
98-82-8	Isopropylbenzene	ND	U	ug/Kg	4.1	25	1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/Kg	4.4	25	1	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/Kg	3.3	25	1	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/Kg	3.8	25	1	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/Kg	4.3	25	1	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/Kg	5.1	25	1	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/Kg	3.3	25	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	01/09/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	01/11/08
Customer Sample No.:	BEDROCK SOUTHDL	**Lab Sample ID:**	Z1118-03DL
Test:	Metals ICP-TAL	**SDG ID:**	Z1118
Analytical Method:	EPA SW-846 6010 - ICP1	**% Moisture:**	1.00
Result Type:	Final	**Datafile:**	P1011608

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7429-90-5	Aluminum	11800	D	mg/Kg	3.000	16.8	5	DIL
7440-36-0	Antimony	ND	UD	mg/Kg	1.140	8.420	5	DIL
7440-38-2	Arsenic	1.210	JD	mg/Kg	0.673	3.370	5	DIL
7440-39-3	Barium	148	D	mg/Kg	0.505	16.8	5	DIL
7440-41-7	Beryllium	0.199	JD	mg/Kg	0.034	1.010	5	DIL
7440-43-9	Cadmium	ND	UD	mg/Kg	0.202	3.370	5	DIL
7440-70-2	Calcium	842	D	mg/Kg	5.760	337	5	DIL
7440-47-3	Chromium	17.5	D	mg/Kg	0.370	1.680	5	DIL
7440-48-4	Cobalt	17.7	D	mg/Kg	0.471	5.050	5	DIL
7440-50-8	Copper	31.6	D	mg/Kg	0.438	3.370	5	DIL
7439-89-6	Iron	22400	D	mg/Kg	8.990	16.8	5	DIL
7439-92-1	Lead	3.100	JD	mg/Kg	0.471	3.370	5	DIL
7439-95-4	Magnesium	5820	D	mg/Kg	5.820	337	5	DIL
7439-96-5	Manganese	62.9	D	mg/Kg	0.202	3.370	5	DIL
7440-02-0	Nickel	22.6	D	mg/Kg	0.404	6.730	5	DIL
7440-09-7	Potassium	8470	D	mg/Kg	73.9	673	5	DIL
7782-49-2	Selenium	ND	UD	mg/Kg	0.606	3.370	5	DIL
7440-22-4	Silver	ND	UD	mg/Kg	0.606	1.680	5	DIL
7440-23-5	Sodium	ND	UD	mg/Kg	97.3	337	5	DIL
7440-28-0	Thallium	ND	UD	mg/Kg	6.360	6.730	5	DIL
7440-62-2	Vanadium	22.9	D	mg/Kg	0.505	6.730	5	DIL
7440-66-6	Zinc	71.1	D	mg/Kg	3.600	6.730	5	DIL

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

Project #: Z1118
1/16/2008 3:22:26 PM
End of Report

APPENDIX - L

NYCDEP Sewer Discharge Permit

The City of New York

DEPARTMENT OF ENVIRONMENTAL PROTECTION
59-17 Junction Boulevard
Flushing, New York 11373

Emily Lloyd
Commissioner

Douglas S. Greeley, P.E.
Deputy Commissioner

Bureau of Wastewater Treatment

Tel. (718) 595-6389
Fax (718) 595-6950
dgreeley@dep.nyc.gov

March 12, 2008

AMC Engineering PLLC
176 Central Avenue
Farmingdale, NY 10375
Attn: Ariel Czemerinski, P.E.

Re: Groundwater Discharge
Former Dico G Auto & Truck Repair
File Case # C-4335

Dear Mr. Czemerinski:

This is in response to your January 28th and March 12, 2008 submissions, requesting for the permission to discharge up to **9,900 gallons per day** (gpd) of groundwater generated during dewatering operations in accordance with New York State Department of Environmental Conservation (NYSDEC), Brownfield Cleanup Program No. C203039 at 3001-3035 White Plains Road, Bronx, NY 10467. The groundwater discharge will be treated through a system consisting of a 400 lbs. carbon vessel, per provided schematic and information, before discharging into an off-site manhole that leads to an existing 24" combined sewer located at White Plains Road between Adee Avenue and Lester Street in Bronx, NY.

Based upon the information, schematic and analytical data submitted, you are hereby conditionally authorized, to discharge up to 9,900 gpd of groundwater, treated through the above system, as specified in your submissions, **for a period of five months**, to the combined sewer at the above mentioned location. **This Letter of Approval shall expire at midnight on March 11, 2009.**

This conditional approval, however, is subject to your obtaining a groundwater discharge Approval, specifying allowable flow rates, from the Division of Connections and Permitting, Bureau of Water and Sewer Operations, if discharges exceed 10,000 gpd. You are also required to follow manufacturer specifications for the operation and maintenance of the selected equipments. **This Letter of Approval is contingent upon permittee's compliance with any other Federal, State or Local laws applicable to the permitted activity.**

Payment shall be made to the Bureau of Customer Service for groundwater discharge into the New York City Wastewater System in accordance with the Water and Wastewater Rate Schedule established by the New York City Water Board.

You are required to hold the groundwater to the maximum extent practicable during heavy wet weather events. In addition, you must notify this section in writing prior to the commencement of discharge. Refer to the File Case C-4335 in any correspondence to this office.

The permittee must collect samples of the groundwater after the pre-treatment system on a quarterly basis. The samples must be analyzed for the parameters listed in the attached list by a New York State Department of Health certified laboratory. The results must be submitted to this office within 14 days after each sampling date. If any of the sampling results exceed DEP limit, the discharge must be ceased and the Bureau of Wastewater Treatment must be notified immediately by phone and Fax (718) 595-4771.

This Letter of Approval is an order of the Commissioner of the Department of Environmental Protection. Please be advised that failure to comply with this Letter of Approval may result in the issuance of Notices of Violation (returnable to the New York City Environmental Control Board). Notices of Violation carry penalties of up to $10,000 a day, per violation and/or revocation of the Letter of Approval.

If you have any questions concerning this matter, please telephone Mr. Alex Castro, Assistant Chemical Engineer, at (718) 595-4715.

Sincerely,

Frances Leung

Frances Leung, P.E., Chief,
IPP Inspection & permit Section

Enc: Sampling requirements list

Sampling requirements for C-4335

Parameter[1]	Daily Limit	Units	Sample Type	Monthly Limit
Non-polar material[2]	50	mg/l	Instantaneous	---
pH	5-11	SU's	Instantaneous	---
Temperature	< 150	Degree F	Instantaneous	---
Flash Point	> 140	Degree F	Instantaneous	---
Cadmium	2 0.69	mg/l mg/l	Instantaneous Composite	--- ---
Chromium (VI)	5	mg/l	Instantaneous	---
Copper	5	mg/l	Instantaneous	---
Lead	2	mg/l	Instantaneous	---
Mercury	0.05	mg/l	Instantaneous	---
Nickel	3	mg/l	Instantaneous	---
Zinc	5	mg/l	Instantaneous	---
Benzene	134	ppb	Instantaneous	57
Carbontetrachloride	---	---	Composite	---
Chloroform	---	---	Composite	---
1,4 Dichlorobenzene	---	---	Composite	---
Ethylbenzene	380	ppb	Instantaneous	142
MTBE (Methyl-Tert-Butyl-Ether)	50	ppb	Instantaneous	---
Naphthalene	47	ppb	Composite	19
Phenol	---	---	Composite	---
Tetrachloroethylene (Perc)	20	ppb	Instantaneous	---
Toluene	74	ppb	Instantaneous	28
1,2,4 Trichlorobenzene	---	---	Composite	---
1,1,1 Trichloroethane	---	---	Composite	---
Xylenes (Total)	74	ppb	Instantaneous	28
PCB's (Total)[3]	1	ppb	Composite	---
Total Suspended Solids (TSS)	350[4]	mg/l	Instantaneous	---
CBOD[5]	---	---	Composite	---
Chloride[5]	---	---	Instantaneous	---
Total Nitrogen[5]	---	---	Composite	---
Total Solids[5]	---	---	Instantaneous	---
Other				

1 **All handling and preservation of collected samples and laboratory analyses of samples shall be performed in accordance with 40 C.F.R. pt. 136. If 40 C.F.R. pt. 136 does not cover the pollutant in question, the handling, preservation, and analysis must be performed in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater." All analyses shall be performed using a detection level less than the lowest applicable regulatory discharge limit. If a parameter does not have a limit, then the detection level is defined as the least of the Practical Quantitation Limits identified in NYSDEC's**

Analytical Detectability and Quantitation Guidelines for Selected Environmental Parameters, December 1988

2 Analysis for *non-polar materials* must be done by EPA method 1664 Rev. A. Non-Polar Material shall mean that portion of the oil and grease that is not eliminated from a solution containing N–Hexane, or any other extraction solvent the EPA shall prescribe, by silica gel absorption.

3 Analysis for PCB's is required if *both* conditions listed below are met:
1) if proposed discharge ≥ 10,000 gpd;
2) if duration of a discharge > 10 days.
Analysis for PCB's must be done by EPA method 608 with MDL=<65 ppt. PCB's (total) is the sum of PCB-1242 (Arochlor 1242), PCB-1254 (Arochlor 1254), PCB-1221 (Arochlor 1221), PCB-1232 (Arochlor 1232), PCB-1248 (Arochlor 1248), PCB-1260 (Arochlor 1260) and PCB-1016 (Arochlor 1016).

4 For discharge ≥ 10,000 gpd, the TSS limit is 350 mg/l. For discharge < 10,000gpd, the limit is determined on a case by case basis.

5 Analysis for Carbonaceous Biochemical Oxygen Demand (CBOD), Chloride, Total Solids and Total Nitrogen are required if proposed discharge ≥ 10,000 gpd.

AMC Engineering
P.O. Box 43
Albertson, NY 11507-0043
516.987.1662
Fax 516 706-3214

January 27, 2008

Mr. Alex Castro, PE
NEW YORK CITY DEP
BUREAU OF WASTEWTER TREATMENT
IPP INSPECTION & PERMIT SECTION

Ref.:3035 White Plains Road, Bronx, NY: APPLICATION FOR LETTER OF APPROVAL FOR RAINWATER DISCHARGE TO COMBINED SEWER

Dear Mr. Castro:

Please, find attached the application form and other supporting information to obtain approval to temporarily discharge rainwater into New York City storm drain.

During remedial and construction activities at the subject property rainwater accumulates on-site. Because of the nature of the job, which involves carving into bedrock, which progresses at times very slowly, rainwater accumulates in the carved basin and must be removed.

A sample of the water has been taken and analyzed for the parameters as required by NYC DEP, and noted that there is a slight exceedance of combined xylenes (0-xylene is 22 ppb and m/p-xylene is 71 ppb. Total xylenes (93 ppb) exceed the maximum 74 ppb. All other parameters fell below NYCDEP effluent limitations.

It is proposed to treat the rainwater with activated carbon to remove the xylene and discharge to a combined storm drain, located within the fenced area of the project. The treatment system consists of a pump (centrifugal, self priming, 1.5HP, set to pump a maximum of 50 gpm), which will pump accumulated rainwater. A suction strainer is installed to prevent debris from prematurely clogging up the carbon filter. The system will be operated during working hours, and will be off when the basin is dry and outside working hours. The Water Pollution Control Plan for the Area is Hunts Point. The size of the main is assumed to be 8" (dimension to be verified with NYCDEP), running as indicated in the site plan, alongside White Plains Road.

The subject property address is 3035 White Plains Road. It is located on the west side of White Plains Road between Adee Avenue and Burke Avenue in the Bronx, New York. The site is designated as Block 4545, Lot 14 by the New York City Department of Assessment. The subject property consists of a 16,880 ft2 parcel. The surrounding area is characterized by commercial businesses (mostly

retail) along White Plains Road. Residential areas are located behind (east-west) this commercial corridor. An elevated section of the Metro-North Railway passes in front of the property, directly over White Plains Road.

The construction project is part of the redevelopment of a former Auto Repair Shop to a residential apartment building with a first floor for retail space. The project has been accepted into the New York State Brownfield Cleanup Program (C203039) and is being performed under the oversight of NYSDEC. The NYSDEC Region 2 contact fro the project is

Shaminder Singh
47-40 21st Street
LIC, NY 11101,
(718) 482-4909

Attached, and for your reference, please find:

1. Filled out Wastewater Quality Control Application form
2. Site Plan and Proposed Process Flow Diagram
3. Analytical results of water to be discharged
4. Technical information of proposed carbon treatment system
5. MSDS of mixed Xylene (o-, p-, and m-)

Please, let me know if you require any additional information.

Yours truly,

Ariel Czemerinski, PE
AMC Engineering, PLLC

Cc: Shaminder Singh, NYSDEC Reg. 2
C. Sosik, Environmental Business Consultants

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTEWATER TREATMENT

FOR OFFICIAL USE ONLY
C-

Wastewater Quality Control Application

PLEASE PRINT OR TYPE. APPLICANT MUST COMPLETE BOTH PAGES OF THIS FORM. INCORRECT OR INCOMPLETE APPLICATIONS WILL NOT BE ACCEPTED AND WILL BE RETURNED. WRITE N/A IF NOT APPLICABLE. PLEASE RETURN COMPLETED FORM TO:

New York City Department of Environmental Protection
Division of Pollution Control and Monitoring
IPP Inspection and Permit Section
96-05 Horace Harding Expressway, 1st Floor
Corona, NY 11368

1. LOCATION	TAX BLOCK # 4545		LOT#: 14
PROJECT NAME: FORMER DICO G AUTO & TRUCK REPAIR			BOROUGH: BRONX
HOUSE#: 3001-3035	STREET NAME: WHITE PLAINS ROAD		ZIP:
IS THIS A DEP PROJECT? [ ]YES [X]NO	IS THIS PROJECT DEP FUNDED? [ ] YES [X]NO		

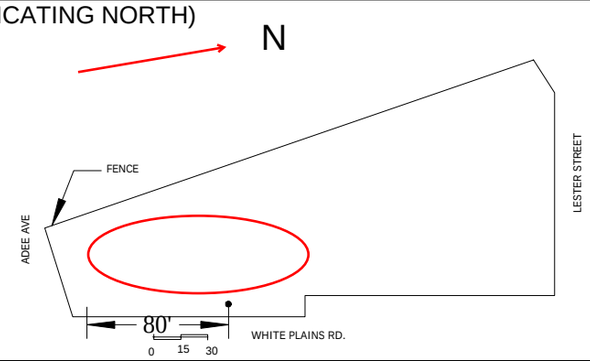
2. APPLICANT			
LAST NAME: Czemerinski	FIRST NAME: Ariel		M.I.:
LEGAL BUSINESS NAME: AMC Engineering PLLC			TELEPHONE:(516) 987-1662
ADDRESS: 176 Central Avenue	CITY: Farmingdale	STATE: NY	ZIP: 10375
CONTACT PERSON: Ariel Czemerinski		TELEPHONE: (516) 987-1662	

3. OWNER			
TYPE OF OWNERSHIP: [ ] INDIVIDUAL [X]CORPORATION [ ]PARTNERSHIP [ ]GOVERNMENT [ ]OTHER:			
LAST NAME:	FIRST NAME:		M.I.:
LEGAL BUSINESS NAME/AGENCY: Bedford Park Associates LLC			TELEPHONE: ( )
ADDRESS: 930 Broadway	CITY:Woodmere	STATE: NY	ZIP: 11598

4. PROJECT USE		
[ ]RESIDENTIAL	NUMBER OF DWELLING UNITS:	M.I.:
[ ]COMMERCIAL TYPE:	GROSS FLOOR AREA:	SQ. FT.
[ ]INDUSTRIAL TYPE:	GROSS FLOOR AREA:	SQ. FT.
[X]OTHER, EXPLAIN: NEW YORK STATE BROWNFIELD CLEANUP PROGRAM		

5. LOCATION		
OBTAIN FROM BOROUGH OFFICE AND INDICATE THE CORRECT STREET LINES FROM THE CITY PLAN;THE PLOT TO BE BUILT UPON IN RELATION TO THE STREET LINES AND THE PORTION OF THE LOT TO BE OCCUPIED BY THE BUILDING; THE HOUSE NUMBERS AND THE BLOCK AND LOT NUMBERS.		
BLOCK: 4545	LOT(S): 14	HOUSE NO(S): 3035

DIAGRAM (SHOW ARROW INDICATING NORTH)



6. WASTEWATER & SEWAGE		
EXISTING AVERAGE: 0	GALLONS/DAY	PROPOSED AVERAGE: 9,900 GALLONS/DAY
PROPOSED HOURLY PEAK:	1,200	GALLONS/HR.
IF NO SEWERS AVAILABLE, INDICATE THE METHOD OF DISPOSAL OF WASTEWATER & SEWAGE: **MANHOLE ON WHITE PLAINS ROAD SIDEWALK (WHICH IS ENCLOSED IN CONSTRUCTION SITE, AND PROTECTED BY A FENCE (DOT PERMITTED). PROPOSED DISCHARGE MANHOLE IS 80 FT NORTH FROM THE NW CORNER FORMED BY THE INTERSECTION OF WHITE PLAINS ROAD AND ADEE AVENUE.**		

7. INDUSTRIAL/COMMERCIAL/MANUFACTURING ONLY		
TYPE OF ESTABLISHMENT:	FLOOR AREA:	SQ. FT.
WORK AREA: SQ. FT.	STORAGE AREA:	SQ. FT.
[ ] NEW SEWER CONNECTION AT:		
[ ] EXISTING SEWER CONNECTION AT:		
CONNECTION TO: [ ] SANITARY [ ] COMBINED [ ] STORM [ ] OTHER:		
LIST ALL CHEMICALS OR HAZARDOUS WASTES, IF ANY:		
MSDS ATTACHED? [ ] YES [ ] NO		

8. DEWATERING/SPECIAL DISCHARGES				
[ ] GROUNDWATER		[ ] WASTEWATER		
DISCHARGE FLOW RATE: 9,900 GPD	DURATION: 5 MONTHS D/M/Y			
[ ] GRAVITY	[X] PUMP	PUMP CAPACITY: 20 GPM		
DISCHARGE TO (NAME OF WASTEWATER SEWER TREATMENT PLANT): Hunts Point				
DISCHARGE SEWER SIZE: IN.	[ ] SANITARY	[x] COMBINED	[ ] STORM	
MSDS OF CHEMICALS USED ATTACHED: [X] YES [ ] NO				
NYS LABORATORY ANALYTICAL RESULTS: [X] ATTACHED [ ] NOT AVAILABLE				
NYSDEC PERMIT: [ ] ATTACHED [X] NOT AVAILABLE				

9. PRETREATMENT EQUIPMENT		
[ ] GREASE INTERCEPTOR	NO. OF UNIT:	SIZE/RATE:
[ ] OIL/WATER SEPARATOR	NO. OF UNIT:	SIZE/RATE:
[X] CARBON UNIT	NO. OF UNIT: 1	SIZE/RATE:20 GPM
[ ] AIR STRIPPER	NO. OF UNIT:	SIZE/RATE:
[ ] SETTING TANK/BASIN	NO. OF UNIT:	SIZE/RATE:
[ ] pH NEUTRALIZATION	NO. OF UNIT:	SIZE/RATE:
[ ] WIRE BASKET	NO. OF UNIT:	SIZE/RATE:
[ ] PLASTER TRAP	NO. OF UNIT:	SIZE/RATE:
[ ] AMALGAM SEPARATOR	NO. OF UNIT:	SIZE/RATE:
[ ] OTHER, EXPLAIN:		
MANUFACTURER: CAMERON CARBON CORPORATION		SERIAL NUMBER: LC 110-400
MEA/BSA NUMBER:		REAGENT(S):
		GROSS FLOOR AREA: SQ FT.

10. PROJECT DESCRIPTION/HISTORY:
THE SITE WAS A SERVICE STATION. IT IS BEING REMEDIATED UNDER A BROWNFIELD CLEAN UP PROGRAM
(BCP) #C203039. NYSDEC IS THE LEAD AGENCY OVERSEEING THE PROJECT. MOST OF THE HYDROCARBON-
IMPACTED MATERIAL HAS BEEN REMOVED. THERE IS CARVING INTO BEDROCK FOR PROPARATION FOR
CONSTRUCTION. RAINWATER COLLECTS AT THE BOTTOM OF THE EXCAVATED SITE AND NEEDS TO BE
PUMPED OUT TO CONTINUE WITH EXCAVATION ACTIVITIES.

11. STATEMENTS AND SIGNATURES:		
OWNER'S NAME: Bedford Park Associates, LLC	OWNER'S SIGNATURE:	DATE:
APPLICANT'S NAME: Ariel Czemerinski	APPLICANT'S SIGNATURE:	DATE:
NAME OF NYS PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT:		
SEAL & SIGNATURE (NYS P.E. OR R.A.) SIGNATURE OF NYS P.E. OR R.A.: DATE:	I HAVE PREPARED OR SUPERVISED THE PREPARATION OF THE PLANS, SPECIFICATIONS AND OTHER DOCUMENTS HEREWITH SUBMITTED AND, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE PLANS AND WORK SHOWN THEREIN COMPLY WITH THE PROVISIONS OF ALL NEW YORK CITY AND STATE CODES AND OTHER APPLICABLE LAWS AND REGULATIONS. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBLITILITY OF FINE AND/OR IMPRISONMENT.	

TABLE A

LIMITATIONS FOR EFFLUENT TO ***SANITARY OR COMBINED*** SEWERS

Parameter[1]	**Daily Limit**		**Units**	**Sample Type**	**Monthly Limit**
Non-polar material[2]	50	7.6	mg/l	Instantaneous	---
pH	5-11	6.1	SU's	Instantaneous	---
Temperature	< 150		Degree F	Instantaneous	---
Flash Point	> 140	>150	Degree F	Instantaneous	---
Cadmium	2 0.69	0.0017	mg/l mg/l	Instantaneous Composite	--- ---
Chromium (VI)	5	0.03	mg/l	Instantaneous	---
Copper	5	0.0113	mg/l	Instantaneous	---
Lead	2	0.0128	mg/l	Instantaneous	---
Mercury	0.05	<0.00008	mg/l	Instantaneous	---
Nickel	3	0.0185	mg/l	Instantaneous	---
Zinc	5	0.0573	mg/l	Instantaneous	---
Benzene	134	<0.29	ppb	Instantaneous	57
Carbontetrachloride	---	<0.27	ppb	Composite	---
Chloroform	---	<0.38	ppb	Composite	---
1,4 Dichlorobenzene	---	<0.24	Ppb	Composite	---
Ethylbenzene	380	18	ppb	Instantaneous	142
MTBE (Methyl-Tert-Butyl-Ether)	50	6.4	ppb	Instantaneous	---
Naphthalene	47		ppb	Composite	19
Phenol	---		---	Composite	---
Tetrachloroethylene (Perc)	20	<0.53	ppb	Instantaneous	---
Toluene	74	1.1	ppb	Instantaneous	28
1,2,4 Trichlorobenzene	---	<0.45	---	Composite	---
1,1,1 Trichloroethane	---	<0.39	---	Composite	---
Xylenes (Total)	74	**93**	ppb	Instantaneous	28
PCB's (Total)[3]	1		ppb	Composite	---
Total Suspended Solids (TSS)	350[4]	12	mg/l	Instantaneous	---
CBOD[5]	---		---	Composite	---
Chloride[5]	---		---	Instantaneous	---
Total Nitrogen[5]	---		---	Composite	---
Total Solids[5]	---		---	Instantaneous	---
Other					

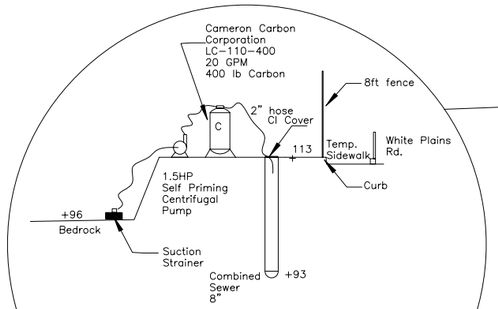
1 All handling and preservation of collected samples and laboratory analyses of samples shall be performed in accordance with 40 C.F.R. pt. 136. If 40 C.F.R. pt. 136 does not cover the pollutant in question, the handling, preservation, and analysis must be performed in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater." All analyses shall be performed using a detection level less than the lowest applicable regulatory discharge limit. If a parameter does not have a limit, then the detection level is defined as the least of the Practical Quantitation Limits identified in NYSDEC's Analytical Detectability and Quantitation Guidelines for Selected Environmental Parameters, December 1988

2 Analysis for ***non-polar materials*** must be done by EPA method 1664 Rev. A. Non-Polar Material shall mean that portion of the oil and grease that is not eliminated from a solution containing N–Hexane, or any other extraction solvent the EPA shall prescribe, by silica gel absorption.

3 Analysis for PCB=s is required if ***both*** conditions listed below are met:
1) if proposed discharge ≥ 10,000 gpd;
2) if duration of a discharge > 10 days.
Analysis for PCB=s must be done by EPA method 608 with MDL=<65 ppt. PCB's (total) is the sum of PCB-1242 (Arochlor 1242), PCB-1254 (Arochlor 1254), PCB-1221 (Arochlor 1221), PCB-1232 (Arochlor 1232), PCB-1248 (Arochlor 1248), PCB-1260 (Arochlor 1260) and PCB-1016 (Arochlor 1016).

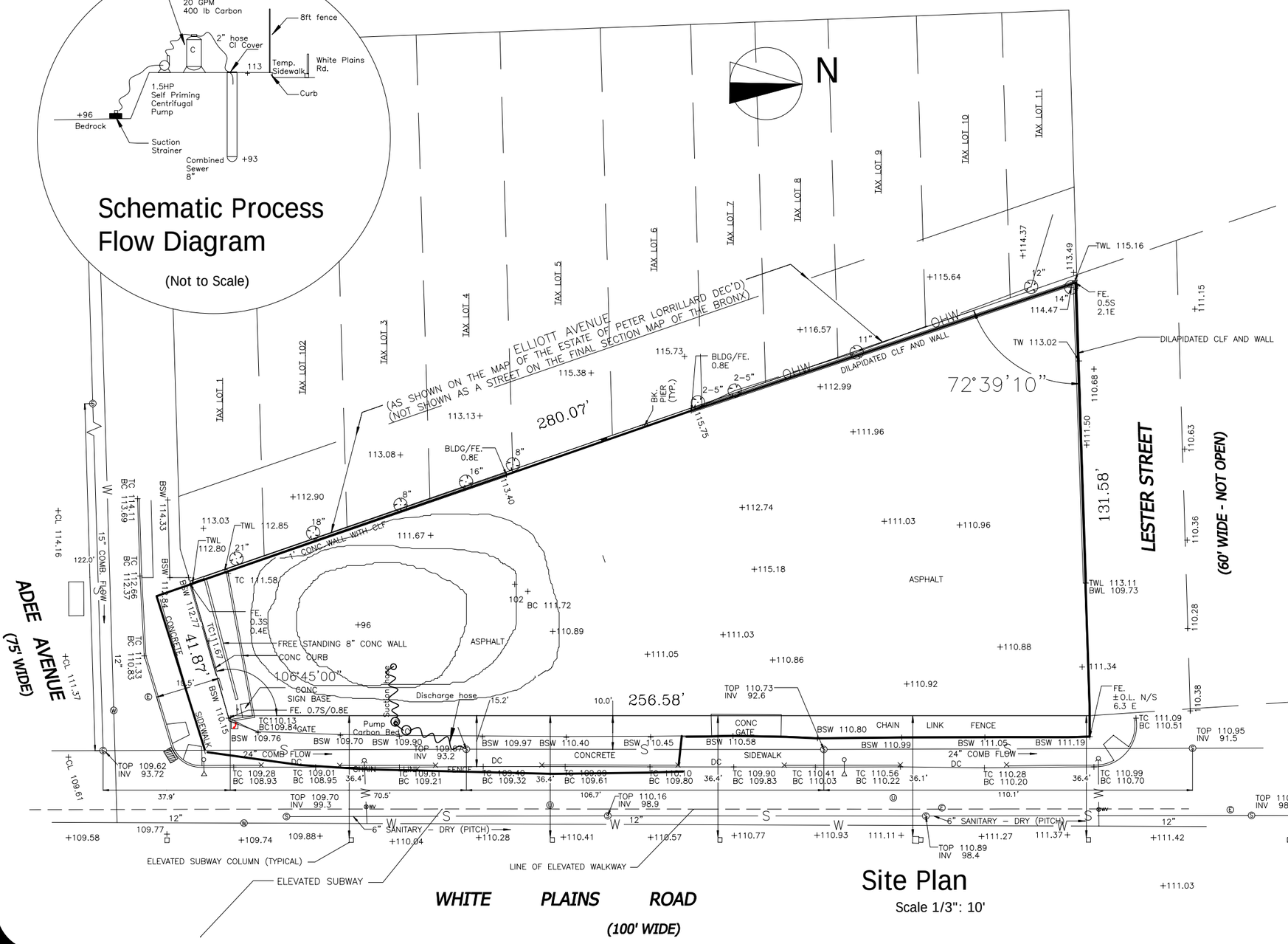
4 For discharge ≥ 10,000 gpd, the TSS limit is 350 mg/l. For discharge < 10,000gpd, the limit is determined on a case by case basis.

5 Analysis for Carbonaceous Biochemical Oxygen Demand (CBOD), Chloride, Total Solids and Total Nitrogen are required if proposed discharge ≥ 10,000 gpd.



Schematic Process Flow Diagram

(Not to Scale)



Site Plan

Scale 1/3": 10'

General Notes

No.	Revision/Issue	Date
1	Initial	1/28/08

Firm Name and Address

AMC ENGINEERING PLLC
PO Box 43
Albertson, NY 11507

Project Name and Address

Site Plan.
Proposed
Dewatering Plan.
3035 White Plains Road
Bronx, NY

Project	Sheet
Date	SP
Scale: As Noted	

3035 White Plains Road
Bronx, NY
Block 4545 Lot 14

Cameron Carbon INCORPORATED

Activated Carbon & Related Technology

P.O. Box 995 Havre de Grace MD 21078 USA
Toll Free: (800) 394-6844
Tel: +1 (410) 942-0240 • Fax: +1 (410) 942-0242
www.cameroncarbon.com • sales@cameroncarbon.com

LC30-100 LC55-200 LC85-300 LC110-400

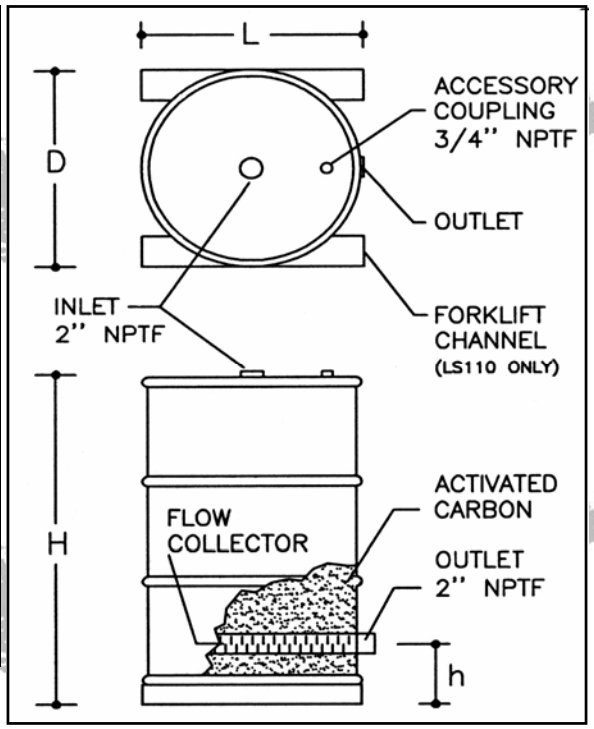
Cameron canister units are filled with high quality granular activated carbon and designed for effective purification of liquid waste or process streams. Our canister units have a proven ability to remove organic contaminants to non-detectable levels.

Units are constructed of heavy-duty mild steel and lined with doubled-layered epoxy coatings. (Forklift channels are provided on the LC110-400 model only). Internal fitments consist of a PVC underdrain, designed for even flow distribution and complete carbon bed use. Downflow operation is standard.

When the units become exhausted they can be conveniently serviced on site by removing the vessel top head. Spent carbon is then easily removed from the units either by hand or vacuum. Alternatively, the exhausted unit can be shipped off site for reactivation service or disposal.

Model LC	30-100	55-200	85-300	110-400
H - height in	30	36	40	46
D - diameter in	19	24	26	32
L - length in	na	na	na	42
h - height in	4.3	6	5	8
Design Flow gpm*	5	10	15	20
Pressure Drop at Design Flow (psi)	0.8	1.0	1.2	1.3
Max Pressure psig	8	8	8	8
Max Temp F	125	125	125	125
Carbon Capacity Weight lb	100	200	300	400
Volume ft^3	3.9	7.1	10.0	16.1
Shipping Weight lb	150	270	380	640

*Based on 5 minutes contact time, system design may be dictated by chemistry and residence time required



HOVENSA

NFPA 704 (Section 16)

MATERIAL SAFETY DATA SHEET

Xylene, Mixed **MSDS No. 1812**

1. CHEMICAL PRODUCT and COMPANY INFORMATION (rev. Jan-99)

HOVENSA L.L.C.
1 Estate Hope
Christiansted, VI 00820-5652

EMERGENCY TELEPHONE NUMBER (24 hrs): **CHEMTREC (800) 424-9300**
COMPANY CONTACT (business hours): **Safety Department (340) 692-3000**

SYNONYMS: Dimethyl benzene; Mixed xylenes; M (meta) – xylene; O (ortho) – xylene; P (para) – xylene; Xylol

See Section 16 for abbreviations and acronyms.

2. COMPOSITION and INFORMATION ON INGREDIENTS (rev. Apr-98)

INGREDIENT NAME	EXPOSURE LIMITS		CONCENTRATION PERCENT BY WEIGHT
Xylene, Mixed Isomers CAS NUMBER: 1330-20-7	OSHA PEL-TWA: ACGIH TLV-TWA/STEL:	100 ppm 100/150 ppm, A4	100

3. HAZARDS IDENTIFICATION (rev. Apr-98; Tox-98)

EMERGENCY OVERVIEW
DANGER!
FLAMMABLE - IRRITANT - ABSORBED THROUGH THE SKIN - CENTRAL NERVOUS SYSTEM - HARMFUL OR FATAL IF SWALLOWED - ASPIRATION HAZARD

High fire hazard. Keep away from heat, spark, open flame, and other ignition sources.

If ingested, do NOT induce vomiting, as this may cause chemical pneumonia (fluid in the lungs). Contact may cause eye, skin and mucous membrane irritation. Harmful if absorbed through the skin. Avoid prolonged breathing of vapors or mists. Inhalation may cause irritation, anesthetic effects (dizziness, nausea, headache, intoxication), and respiratory system effects. Excessive exposure may affect the liver and kidneys.

EYES
Moderate to severe irritant. Contact with liquid or vapor may cause irritation.

SKIN
Moderate to severe irritant. May cause skin irritation with prolonged or repeated contact. Practically non-toxic if absorbed following acute (single) exposure. Liquid may be absorbed through the skin in toxic amounts if large areas of skin are exposed repeatedly.

INGESTION
The major health threat of ingestion occurs from the danger of aspiration (breathing) of liquid drops into the lungs, particularly from vomiting. Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure and even death.

Ingestion may cause gastrointestinal disturbances, including irritation, nausea, vomiting and diarrhea, and central nervous system (brain) effects similar to alcohol intoxication. In severe cases, tremors, convulsions, loss of consciousness, coma, respiratory arrest, and death may occur.

INHALATION
Excessive exposure may cause irritation to the nose, throat, lungs and respiratory tract. Central nervous system (brain) effects may include headache, dizziness, loss of balance and coordination, unconsciousness, coma, respiratory failure, and death.

Effects to the liver, kidneys, blood, central nervous system and developing fetus have been reported from large, acute (short) and/or repeated or prolonged exposures.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Irritation from skin exposure may aggravate existing open wounds, skin disorders, and dermatitis (rash). Pre-existing chronic respiratory disease, liver or kidney dysfunction, or central nervous system disorders may be aggravated by exposure.

4. FIRST AID MEASURES (rev. Apr-98; Tox-98)

EYES

In case of contact with eyes, immediately flush with clean, low-pressure water for at least 15 min. Hold eyelids open to ensure adequate flushing. Seek medical attention.

SKIN

Remove contaminated clothing. Wash contaminated areas thoroughly with soap and water or waterless hand cleanser. Obtain medical attention if irritation or redness develops.

INGESTION

DO NOT INDUCE VOMITING. Do not give liquids. Obtain immediate medical attention. If spontaneous vomiting occurs, lean victim forward to reduce the risk of aspiration. Small amounts of material which enter the mouth should be rinsed out until the taste is dissipated.

INHALATION

Remove person to fresh air. If person is not breathing, ensure an open airway and provide artificial respiration. If necessary, provide additional oxygen once breathing is restored if trained to do so. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES (rev. Jan-99)

FLAMMABLE PROPERTIES:

FLASH POINT:	81 ^{o}F (27^{o}C)
AUTOIGNITION TEMPERATURE:	867 ^{o}F (463 ^{o}C)
OSHA/NFPA FLAMMABILITY CLASS:	1C (flammable liquid)
LOWER EXPLOSIVE LIMIT (%):	0.9%
UPPER EXPLOSIVE LIMIT (%):	7.0%

FIRE AND EXPLOSION HAZARDS

Vapors may be ignited rapidly when exposed to heat, spark, open flame or other source of ignition. Flowing product may be ignited by self-generated static electricity. When mixed with air and exposed to an ignition source, flammable vapors can burn in the open or explode in confined spaces. Being heavier than air, vapors may travel long distances to an ignition source and flash back. Runoff to sewer may cause fire or explosion hazard.

EXTINGUISHING MEDIA

SMALL FIRES: Any extinguisher suitable for Class B fires, dry chemical, CO2, water spray, fire fighting foam, or Halon.

LARGE FIRES: Water spray, fog or fire fighting foam. Water may be ineffective for fighting the fire, but may be used to cool fire-exposed containers.

FIRE FIGHTING INSTRUCTIONS

Small fires in the incipient (beginning) stage may typically be extinguished using handheld portable fire extinguishers and other fire fighting equipment.

Firefighting activities that may result in potential exposure to high heat, smoke or toxic by-products of combustion should require NIOSH/MSHA- approved pressure-demand self-contained breathing apparatus with full facepiece and full protective clothing.

Isolate area around container involved in fire. Cool tanks, shells, and containers exposed to fire and excessive heat with water. For massive fires the use of unmanned hose holders or monitor nozzles may be advantageous to further minimize personnel exposure. Major fires may require withdrawal, allowing the tank to burn. Large storage tank fires typically require specially trained personnel and equipment to extinguish the fire, often including the need for properly applied fire fighting foam.

See Section 16 for the NFPA 704 Hazard Rating.

6. ACCIDENTAL RELEASE MEASURES (rev. Apr-98)

ACTIVATE FACILITY SPILL CONTINGENCY or EMERGENCY PLAN.

Evacuate nonessential personnel and remove or secure all ignition sources. Consider wind direction; stay upwind and uphill, if possible. Evaluate the direction of product travel, diking, sewers, etc. to confirm spill areas. Spills may infiltrate subsurface soil and groundwater; professional assistance may be necessary to determine the extent of subsurface impact.

Carefully contain and stop the source of the spill, if safe to do so. Protect bodies of water by diking, absorbents, or absorbent boom, if possible. Do not flush down sewer or drainage systems, unless system is designed and permitted to handle such material. The use of fire fighting foam may be useful in certain situations to reduce vapors. The proper use of water spray may effectively disperse product vapors or the liquid itself, preventing contact with ignition sources or areas/equipment that require protection.

Take up with sand or other oil absorbing materials. Carefully shovel, scoop or sweep up into a waste container for reclamation or disposal - caution, flammable vapors may accumulate in closed containers. Response and clean-up crews must be properly trained and must utilize proper protective equipment (see Section 8).

7. HANDLING and STORAGE (rev. Apr-98)

HANDLING PRECAUTIONS

Handle as a flammable liquid. Keep away from heat, sparks, and open flame! Electrical equipment should be approved for classified area. Bond and ground containers during product transfer to reduce the possibility of static-initiated fire or explosion.

Special slow load procedures for "switch loading" must be followed to avoid the static ignition hazard that can exist when higher flash point material (such as fuel oil) is loaded into tanks previously containing low flash point products (such as this product) - see API Publication 2003, "Protection Against Ignitions Arising Out Of Static, Lightning and Stray Currents.

STORAGE PRECAUTIONS

Keep away from flame, sparks, excessive temperatures and open flame. Use approved vented containers. Keep containers closed and clearly labeled. Empty product containers or vessels may contain explosive vapors. Do not pressurize, cut, heat, weld or expose such containers to sources of ignition.

Store in a well-ventilated area. This storage area should comply with NFPA 30 "Flammable and Combustible Liquid Code". Avoid storage near incompatible materials. The cleaning of tanks previously containing this product should follow API Recommended Practice (RP) 2013 "Cleaning Mobile Tanks In Flammable and Combustible Liquid Service" and API RP 2015 "Cleaning Petroleum Storage Tanks".

WORK/HYGIENIC PRACTICES

Emergency eye wash capability should be available in the near proximity to operations presenting a potential splash exposure. Use good personal hygiene practices. Avoid repeated and/or prolonged skin exposure. Wash hands before eating, drinking, smoking, or using toilet facilities. Do not use as a cleaning solvent on the skin. Do not use solvents or harsh abrasive skin cleaners for washing this product from exposed skin areas. Waterless hand cleaners are effective. Promptly remove contaminated clothing and launder before reuse. Use care when laundering to prevent the formation of flammable vapors which could ignite via washer or dryer. Consider the need to discard contaminated leather shoes and gloves.

8. EXPOSURE CONTROLS and PERSONAL PROTECTION (rev. Apr-98)

ENGINEERING CONTROLS

Use adequate ventilation to keep vapor concentrations of this product below occupational exposure and flammability limits, particularly in confined spaces.

EYE/FACE PROTECTION

Safety glasses or goggles are recommended where there is a possibility of splashing or spraying.

SKIN PROTECTION

Gloves constructed of Viton are recommended for heavy exposure; Viton, neoprene, nitrile, or PVC recommended for intermittent exposure. Chemical protective clothing such as of E.I. DuPont TyChem ®, Barricade ® or equivalent recommended based on degree of exposure.

Note: The resistance of specific material may vary from product to product as well as with degree of exposure. Consult manufacturer specifications for further information.

RESPIRATORY PROTECTION

A NIOSH/MSHA-approved air-purifying respirator with organic vapor cartridges or canister may be permissible under certain circumstances where airborne concentrations are or may be expected to exceed exposure limits or for odor or irritation. Protection provided by air-purifying respirators is limited. Refer to OSHA 29 CFR 1910.134, ANSI Z88.2-1992, NIOSH Respirator Decision Logic, and the manufacturer for additional guidance on respiratory protection selection and limitations.

Use a positive pressure, air-supplied respirator if there is a potential for uncontrolled release, exposure levels are not known, in oxygen-deficient atmospheres, or any other circumstance where an air-purifying respirator may not provide adequate protection.

9. PHYSICAL and CHEMICAL PROPERTIES (rev. Mar-95)

APPEARANCE

A clear, water-like liquid

ODOR

A sweet, aromatic odor.

ODOR THRESHOLD

0.2 - 5 ppm

BASIC PHYSICAL PROPERTIES

BOILING RANGE:	AP 279 ^{o}F (137 ^{o}C)
VAPOR PRESSURE:	6.7 mm Hg @ 70 ^{o}F (21 ^{o}C)
VAPOR DENSITY (air = 1):	AP 3.6
SPECIFIC GRAVITY (H_2O = 1):	0.86
EVAPORATION RATE:	High
PERCENT VOLATILES:	100 %
SOLUBILITY (H_2O):	Insoluble to slightly soluble

10. STABILITY and REACTIVITY (rev. Mar-95)

STABILITY: Stable. Hazardous polymerization will not occur.

CONDITIONS TO AVOID and INCOMPATIBLE MATERIALS

Avoid high temperatures, open flames, sparks, welding, smoking and other ignition sources. Keep away from strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, carbon dioxide and non-combusted hydrocarbons (smoke). Contact with nitric and sulfuric acids will form nitrocresols that can decompose violently.

11. TOXICOLOGICAL PROPERTIES (rev. Apr-98; Tox-98)

ACUTE TOXICITY

Acute Oral LD50 (rats): 3.5 to 8.6 g/kg
Acute inhalation LC50: 6,700 ppm (rat; 4 hours)
Eye irritation (human): 200 ppm
Acute dermal LD50 (rabbits): > 5 ml/kg

In humans, the inhalation of xylene for short periods of time may cause decreased respiratory rate, altered liver and kidney function, hearing loss, and central nervous system depression. Animals exposed to high concentrations of xylene exhibited impaired eye function.

CARCINOGENICITY

Carcinogenicity: OSHA: NO IARC: (3) NTP: NO ACGIH: A4

Mutagenicity: negative

12. ECOLOGICAL INFORMATION (rev. Apr-98)

Keep out of sewers, drainage areas and waterways. Report spills and releases, as applicable, under Federal and State regulations.

13. DISPOSAL CONSIDERATIONS (rev. Apr-98)

Consult federal, state and local waste regulations to determine appropriate disposal options.

14. TRANSPORTATION INFORMATION (rev. Apr-98)

DOT PROPER SHIPPING NAME:	Xylenes
DOT HAZARD CLASS & PACKING GROUP:	3, PG II
DOT IDENTIFICATION NUMBER:	UN 1307
DOT SHIPPING LABEL:	FLAMMABLE LIQUID

15. REGULATORY INFORMATION (rev. Apr-98)

U.S. FEDERAL, STATE, and LOCAL REGULATORY INFORMATION

This product and its constituents listed herein are on the EPA TSCA Inventory. Any spill or uncontrolled release of this product, including any substantial threat of release, may be subject to federal, state and/or local reporting requirements. This product and/or its constituents may also be subject to other federal, state, or local regulations; consult those regulations applicable to your facility/operation.

CLEAN WATER ACT (OIL SPILLS)

Any spill or release of this product to "navigable waters" (essentially any surface water, including certain wetlands) or adjoining shorelines sufficient to cause a visible sheen or deposit of a sludge or emulsion must be reported immediately to the National Response Center (1-800-424-8802) or, if not practical, the U.S. Coast Guard with follow-up to the National Response Center, as required by U.S. Federal Law. Also contact appropriate state and local regulatory agencies as required.

CERCLA SECTION 103 and SARA SECTION 304 (RELEASE TO THE ENVIRONMENT)

Mixed Xylene is a CERCLA Section 103 "hazardous substance" subject to CERCLA and SARA Section 304 reporting requirements.

Reportable Quantity: 1000 pounds

SARA SECTION 311/312 - HAZARD CLASSES

ACUTE HEALTH	CHRONIC HEALTH	FIRE	SUDDEN RELEASE OF PRESSURE	REACTIVE
X	X	X	--	--

SARA SECTION 313 - SUPPLIER NOTIFICATION

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372:

INGREDIENT NAME (CAS NUMBER)	CONCENTRATION WT. PERCENT
Xylene, Mixed Isomers (1330-20-7)	100

CANADIAN REGULATORY INFORMATION (WHMIS)
Class B, Division 2 (Flammable Liquid)
Class D, Division 2B (Toxic by other means)

16. OTHER INFORMATION (rev. Jan-99)

NFPA® HAZARD RATING	HEALTH:	2	Moderate
	FIRE:	3	Serious
	REACTIVITY:	0	Minimal
HMIS® HAZARD RATING	HEALTH:	3 *	Serious
	FIRE:	3	Serious
	REACTIVITY:	0	Minimal
			* Chronic

SUPERSEDES MSDS DATED: 04/23/98

ABBREVIATIONS:

AP = Approximately	< = Less than	> = Greater than
N/A = Not Applicable	N/D = Not Determined	ppm = parts per million

ACRONYMS:

ACGIH	American Conference of Governmental Industrial Hygienists
AIHA	American Industrial Hygiene Association
ANSI	American National Standards Institute (212) 642-4900
API	American Petroleum Institute (202) 682-8000
CERCLA	Comprehensive Emergency Response, Compensation, and Liability Act
DOT	U.S. Department of Transportation [General Info: (800) 467-4922]
EPA	U.S. Environmental Protection Agency
HMIS	Hazardous Materials Information System
IARC	International Agency For Research On Cancer
MSHA	Mine Safety and Health Administration
NFPA	National Fire Protection Association (617) 770-3000
NIOSH	National Institute of Occupational Safety and Health
NOIC	Notice of Intended Change (proposed change to ACGIH TLV)
NTP	National Toxicology Program
OPA	Oil Pollution Act of 1990
OSHA	U.S. Occupational Safety & Health Administration
PEL	Permissible Exposure Limit (OSHA)
RCRA	Resource Conservation and Recovery Act
REL	Recommended Exposure Limit (NIOSH)
SARA	Superfund Amendments and Reauthorization Act of 1986 Title III
SCBA	Self-Contained Breathing Apparatus
SPCC	Spill Prevention, Control, and Countermeasures
STEL	Short-Term Exposure Limit (generally 15 minutes)
TLV	Threshold Limit Value (ACGIH)
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average (8 hr.)
WEEL	Workplace Environmental Exposure Level (AIHA)
WHMIS	Workplace Hazardous Materials Information System (Canada)

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

Information presented herein has been compiled from sources considered to be dependable, and is accurate and reliable to the best of our knowledge and belief, but is not guaranteed to be so. Since conditions of use are beyond our control, we make no warranties, expressed or implied, except those that may be contained in our written contract of sale or acknowledgment.

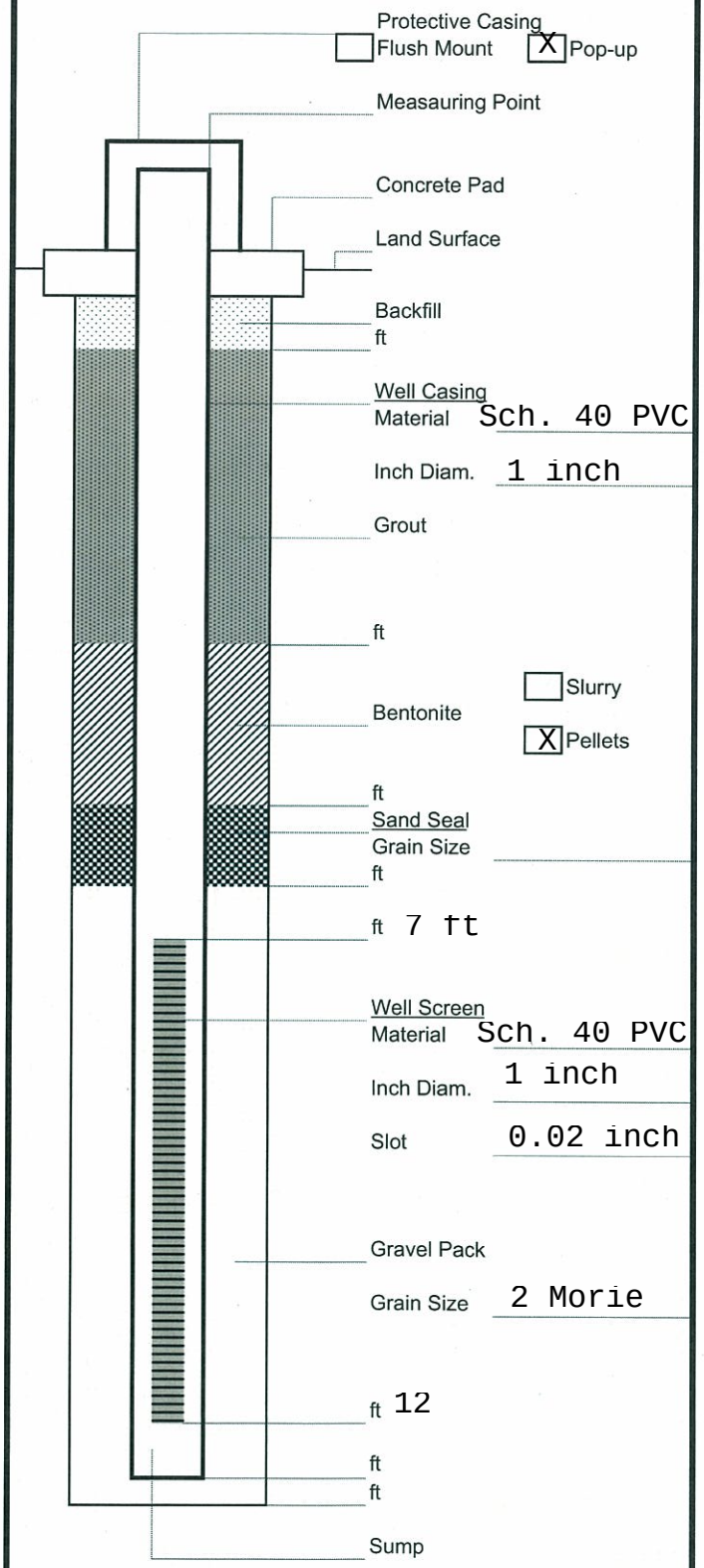
Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material, even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in their use of the material.

APPENDIX - M

Well Completion Logs

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Well No. Oxidant Injection Wells 1-14

NYSDEC Permit No.

Project 3035 White Plains Road, Bronx

Surveyor

Land Surface Elevation

Measuring Point Elevation

Borehole Diameter: 2 inches

Installation Date 6/21, 22, 28 & 29/08 & 9/13/08

Drilling Contractor LVS Inc.

Drilling Method Rock coring

Drilling Fluid None

Development Technique (s) and Date (s)

Fluid Loss During Drilling Gallons

Water Removed During Development

Static Depth to Water

Pumping Depth to Water

Pumping Duration

Yield GPM DATE

Specific Capacity GPM/Ft

Well Purpose

Oxidant Injection Well

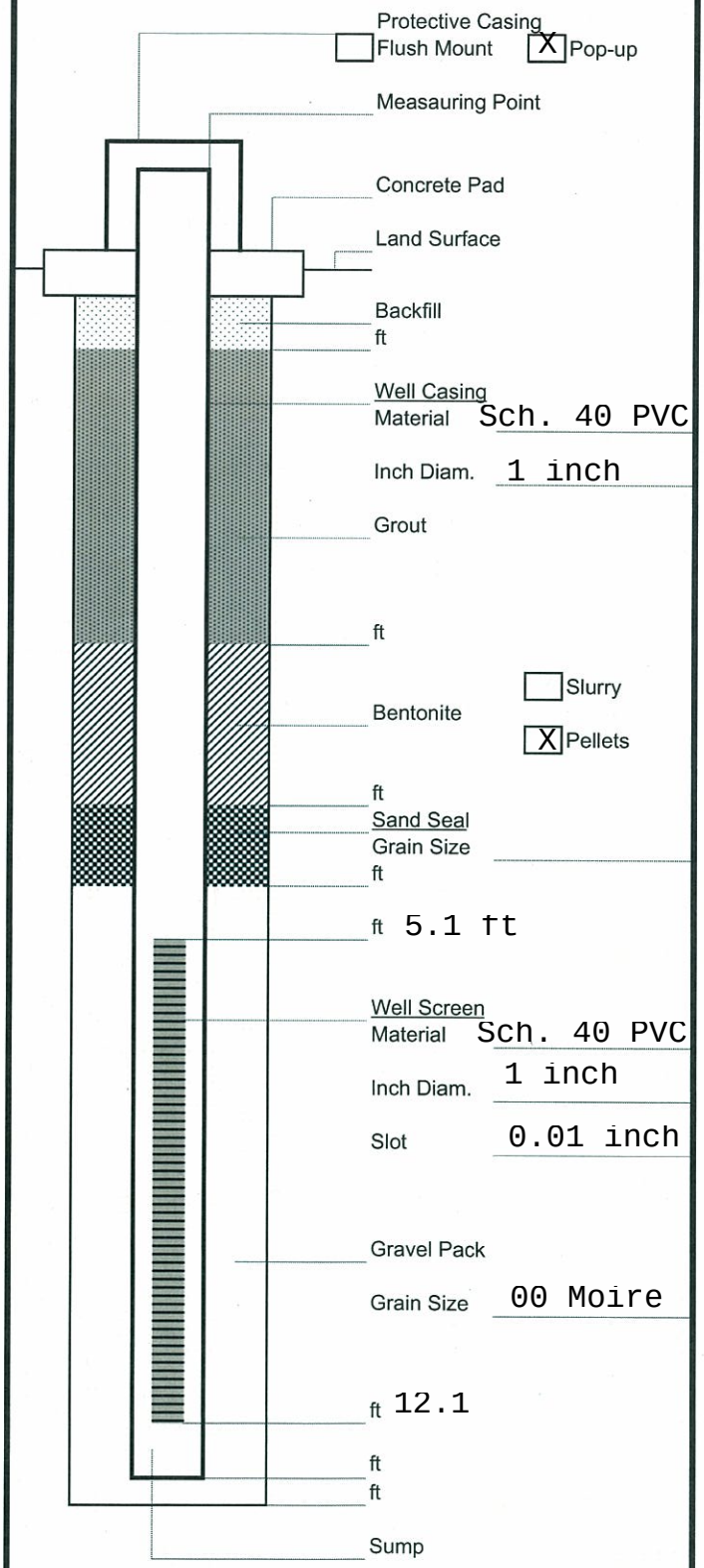
Hydrogeologist Damion Lawyer

Company Name Environmental Business Cons.

Notes

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Well No. IRM-W1

NYSDEC Permit No.

Project 3035 White Plains Road, Bronx

Surveyor

Land Surface Elevation

Measuring Point Elevation

Borehole Diameter: 2 inches

Installation Date 5/24/08

Drilling Contractor LVS Inc.

Drilling Method Rock coring

Drilling Fluid None

Development Technique (s) and Date (s)

Fluid Loss During Drilling Gallons

Water Removed During Development

Static Depth to Water

Pumping Depth to Water

Pumping Duration

Yield GPM DATE

Specific Capacity GPM/Ft

Well Purpose

monitoring well

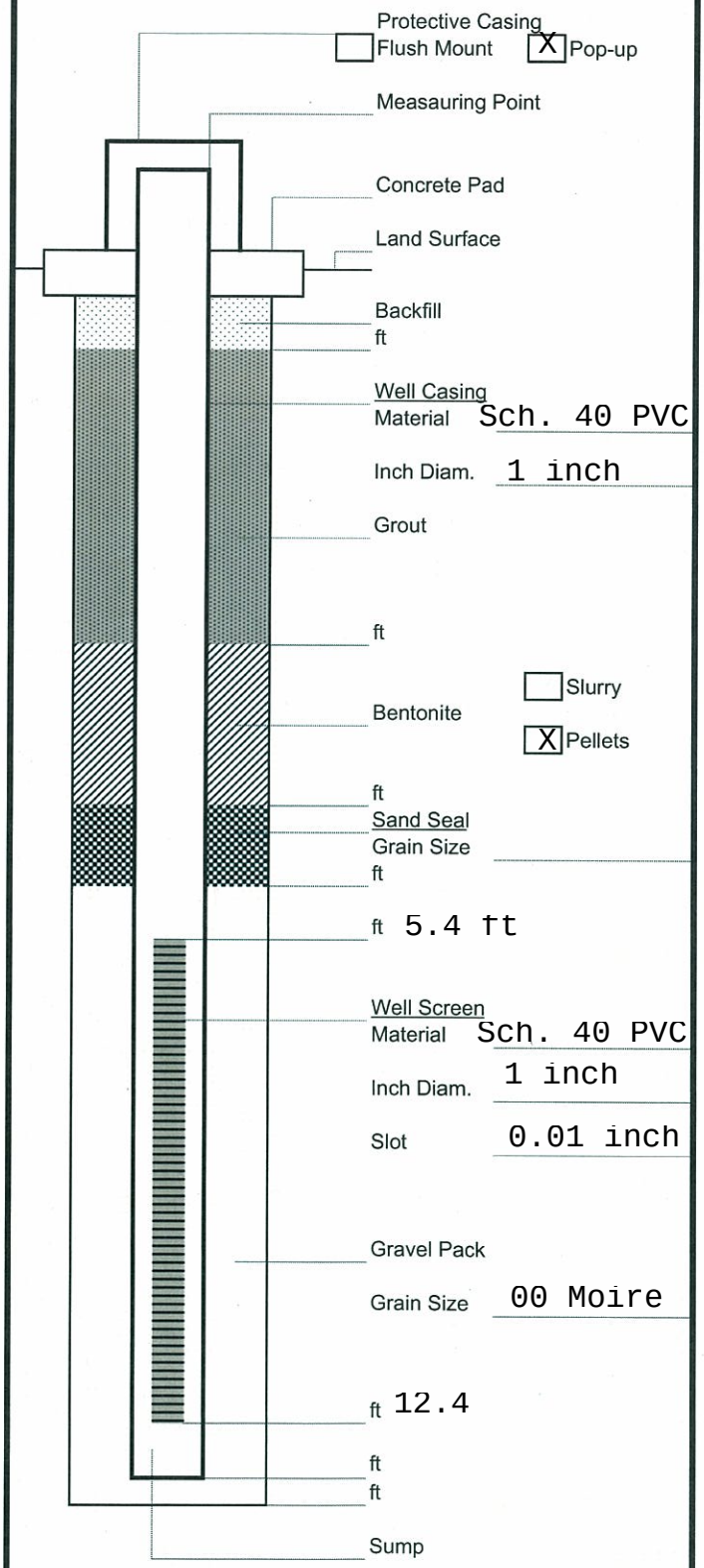
Hydrogeologist Damion Lawyer

Company Name Environmental Business Cons.

Notes

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Well No. IRM-W2

NYSDEC Permit No.

Project 3035 White Plains Road, Bronx

Surveyor

Land Surface Elevation

Measuring Point Elevation

Borehole Diameter: 2 inches

Installation Date 5/24/08

Drilling Contractor LVS Inc.

Drilling Method Rock coring

Drilling Fluid None

Development Technique (s) and Date (s)

Fluid Loss During Drilling Gallons

Water Removed During Development

Static Depth to Water

Pumping Depth to Water

Pumping Duration

Yield GPM DATE

Specific Capacity GPM/Ft

Well Purpose

monitoring well

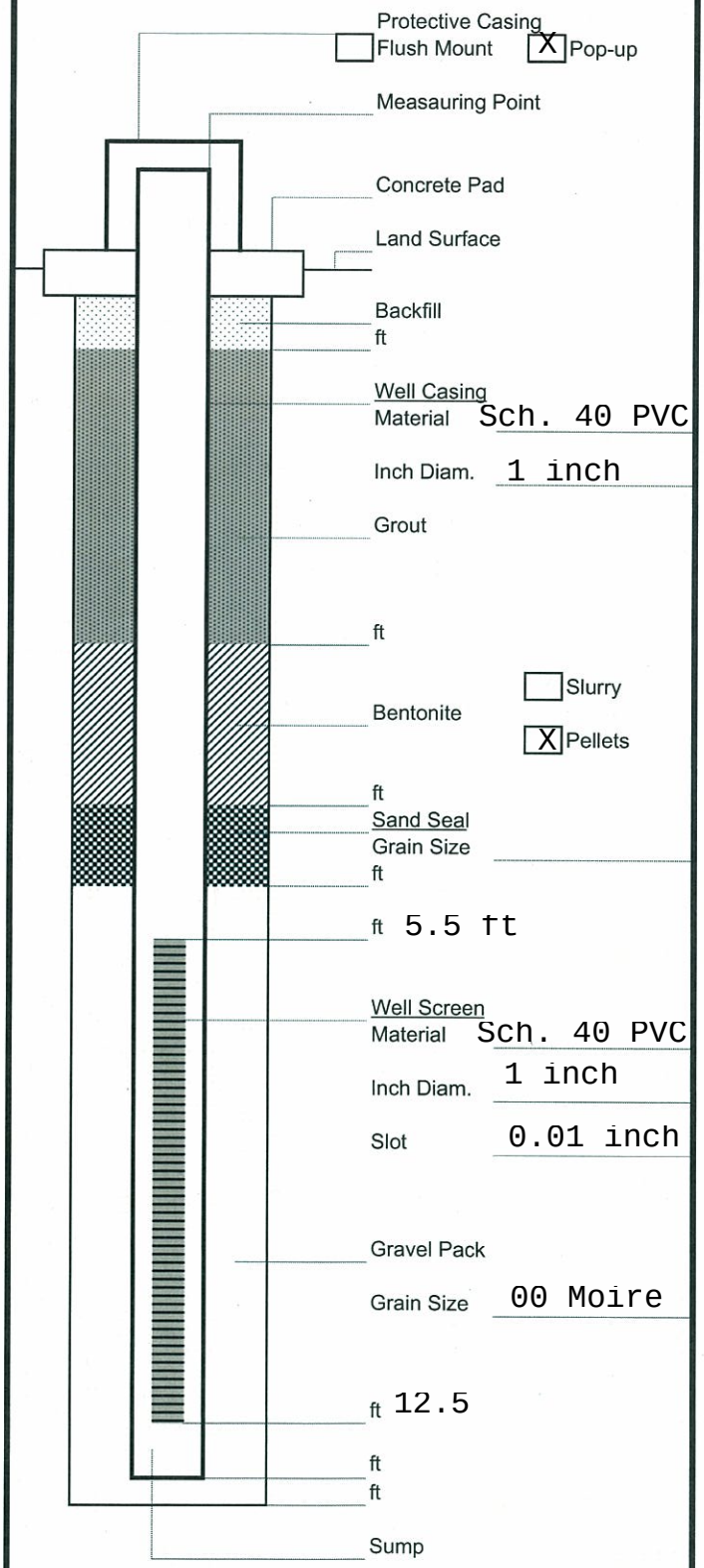
Hydrogeologist Damion Lawyer

Company Name Environmental Business Cons.

Notes

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Well No. IRM-W3

NYSDEC Permit No.

Project 3035 White Plains Road, Bronx

Surveyor

Land Surface Elevation

Measuring Point Elevation

Borehole Diameter: 2 inches

Installation Date 5/25/08

Drilling Contractor LVS Inc.

Drilling Method Rock coring

Drilling Fluid None

Development Technique (s) and Date (s)

Fluid Loss During Drilling Gallons

Water Removed During Development

Static Depth to Water

Pumping Depth to Water

Pumping Duration

Yield GPM DATE

Specific Capacity GPM/Ft

Well Purpose

monitoring well

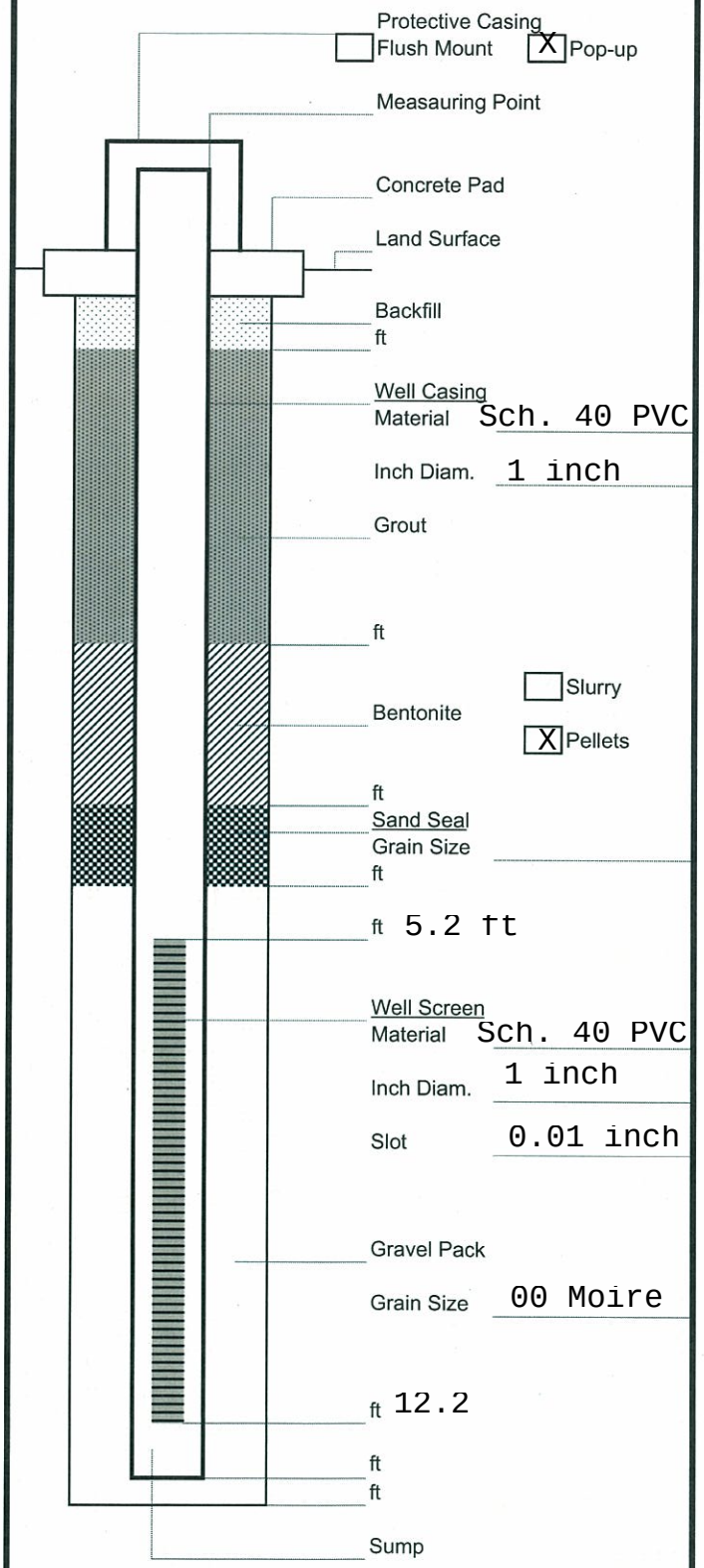
Hydrogeologist Damion Lawyer

Company Name Environmental Business Cons.

Notes

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Well No. IRM-W4

NYSDEC Permit No.

Project 3035 White Plains Road, Bronx

Surveyor

Land Surface Elevation

Measuring Point Elevation

Borehole Diameter: 2 inches

Installation Date 5/25/08

Drilling Contractor LVS Inc.

Drilling Method Rock coring

Drilling Fluid None

Development Technique (s) and Date (s)

Fluid Loss During Drilling Gallons

Water Removed During Development

Static Depth to Water

Pumping Depth to Water

Pumping Duration

Yield GPM DATE

Specific Capacity GPM/Ft

Well Purpose

monitoring well

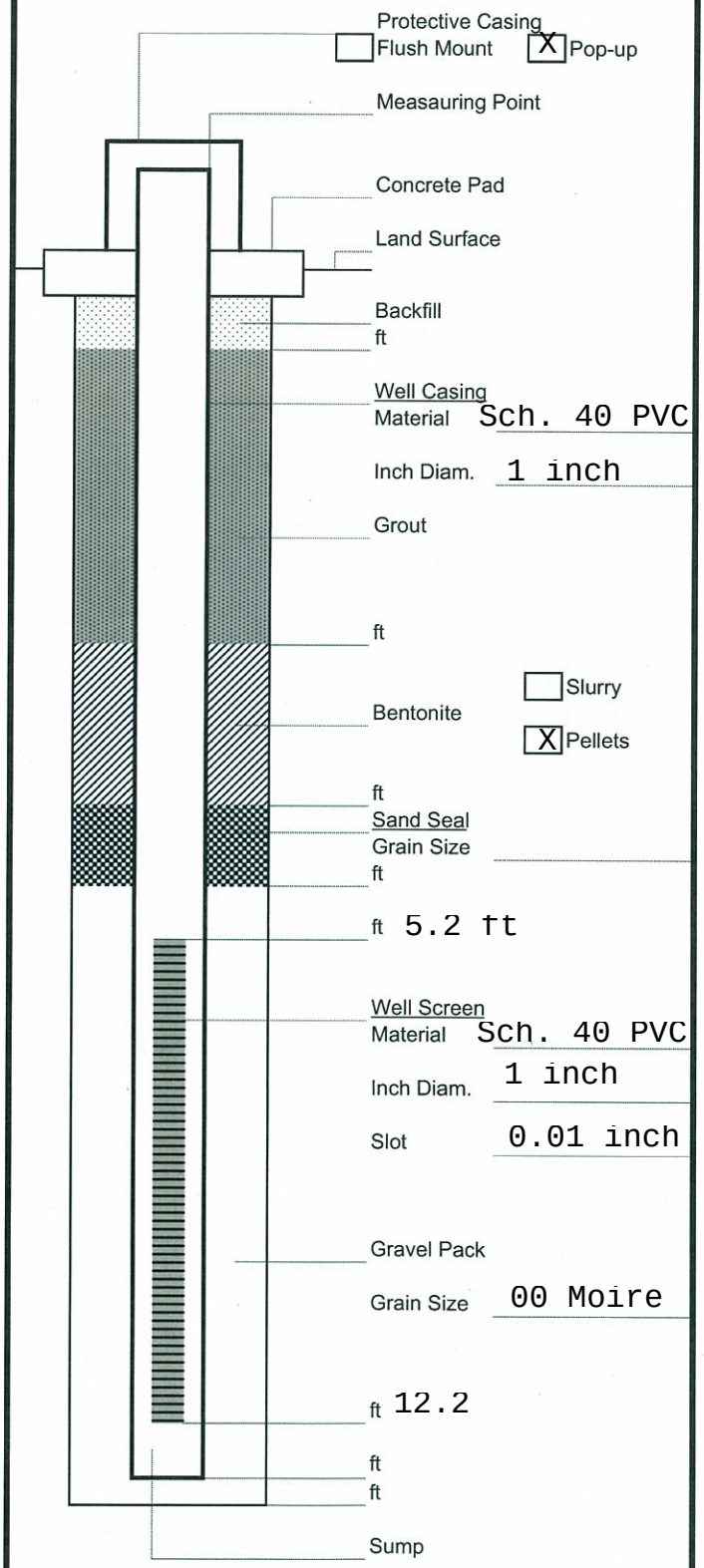
Hydrogeologist Damion Lawyer

Company Name Environmental Business Cons.

Notes

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Well No. IRM-W5

NYSDEC Permit No.

Project 3035 White Plains Road, Bronx

Surveyor

Land Surface Elevation

Measuring Point Elevation

Borehole Diameter: 2 inches

Installation Date 5/26/08

Drilling Contractor LVS Inc.

Drilling Method Rock coring

Drilling Fluid None

Development Technique (s) and Date (s)

Fluid Loss During Drilling Gallons

Water Removed During Development

Static Depth to Water

Pumping Depth to Water

Pumping Duration

Yield GPM DATE

Specific Capacity GPM/Ft

Well Purpose

monitoring well

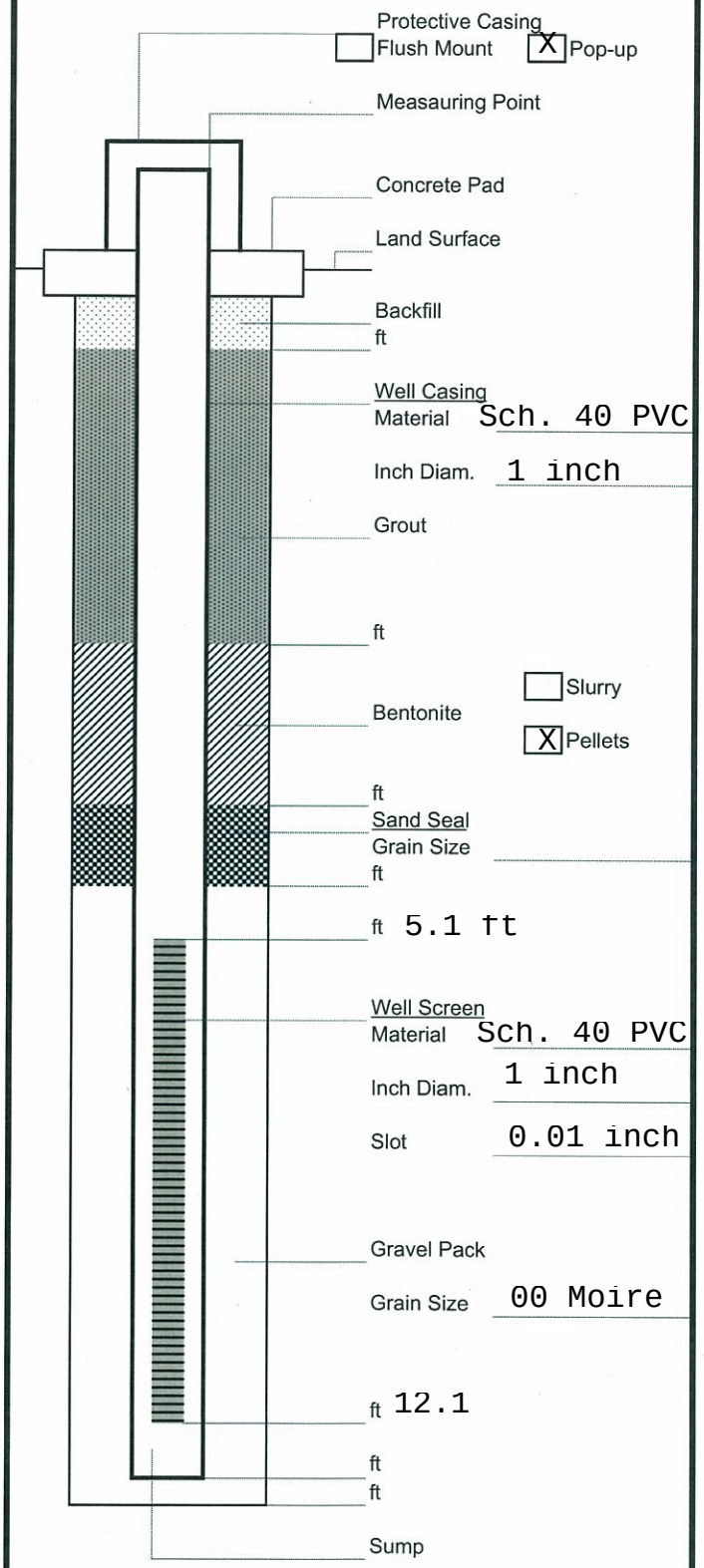
Hydrogeologist Damion Lawyer

Company Name Environmental Business Cons.

Notes

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Well No. IRM-W6

NYSDEC Permit No.

Project 3035 White Plains Road, Bronx

Surveyor

Land Surface Elevation

Measuring Point Elevation

Borehole Diameter: 2 inches

Installation Date 5/26/08

Drilling Contractor LVS Inc.

Drilling Method Rock coring

Drilling Fluid None

Development Technique (s) and Date (s)

Fluid Loss During Drilling Gallons

Water Removed During Development

Static Depth to Water

Pumping Depth to Water

Pumping Duration

Yield GPM DATE

Specific Capacity GPM/Ft

Well Purpose

monitoring well

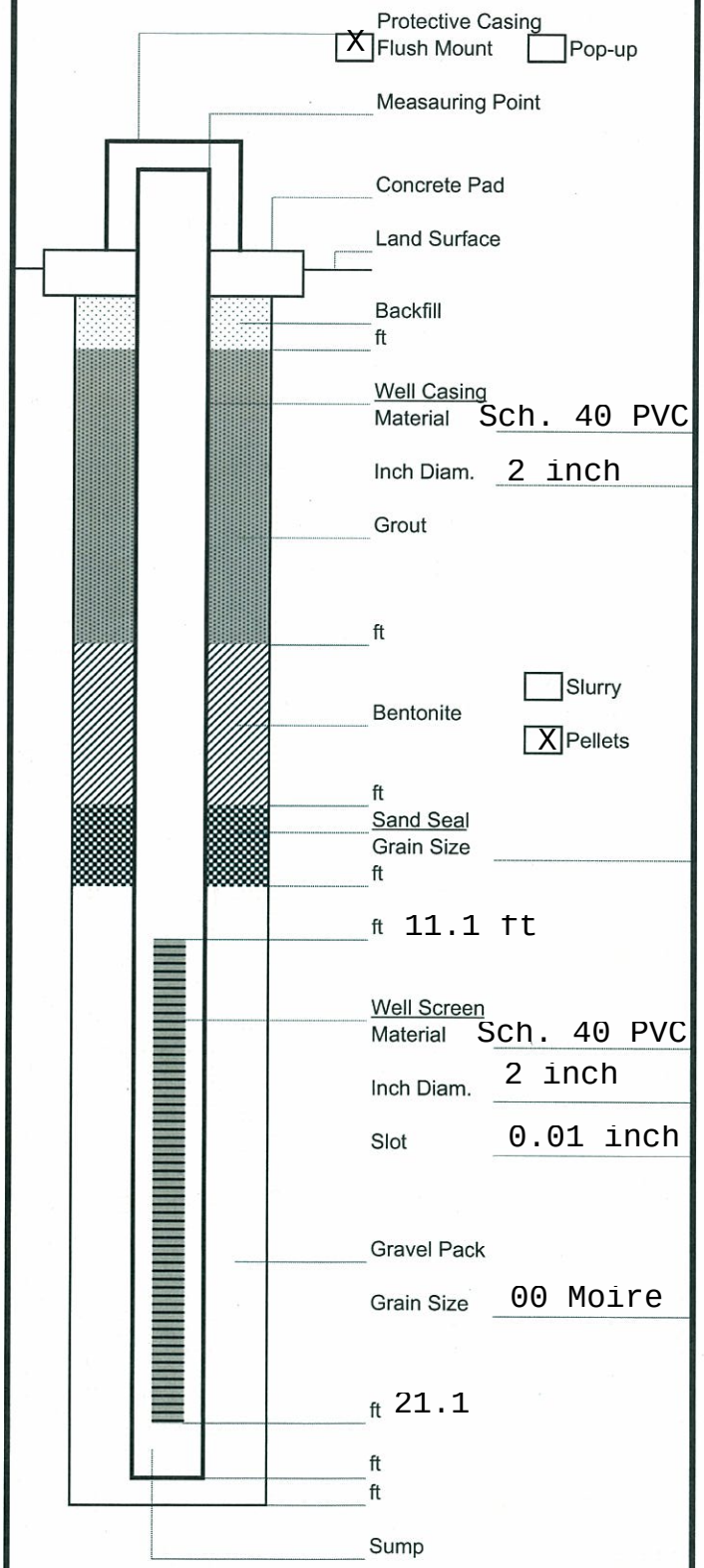
Hydrogeologist Damion Lawyer

Company Name Environmental Business Cons.

Notes

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Well No. IRM-W7

NYSDEC Permit No.

Project 3035 White Plains Road, Bronx

Surveyor

Land Surface Elevation

Measuring Point Elevation

Borehole Diameter: 2 inches

Installation Date 8/2/08

Drilling Contractor LVS Inc.

Drilling Method Rock coring

Drilling Fluid None

Development Technique (s) and Date (s)

Fluid Loss During Drilling Gallons

Water Removed During Development

Static Depth to Water

Pumping Depth to Water

Pumping Duration

Yield GPM DATE

Specific Capacity GPM/Ft

Well Purpose

monitoring well

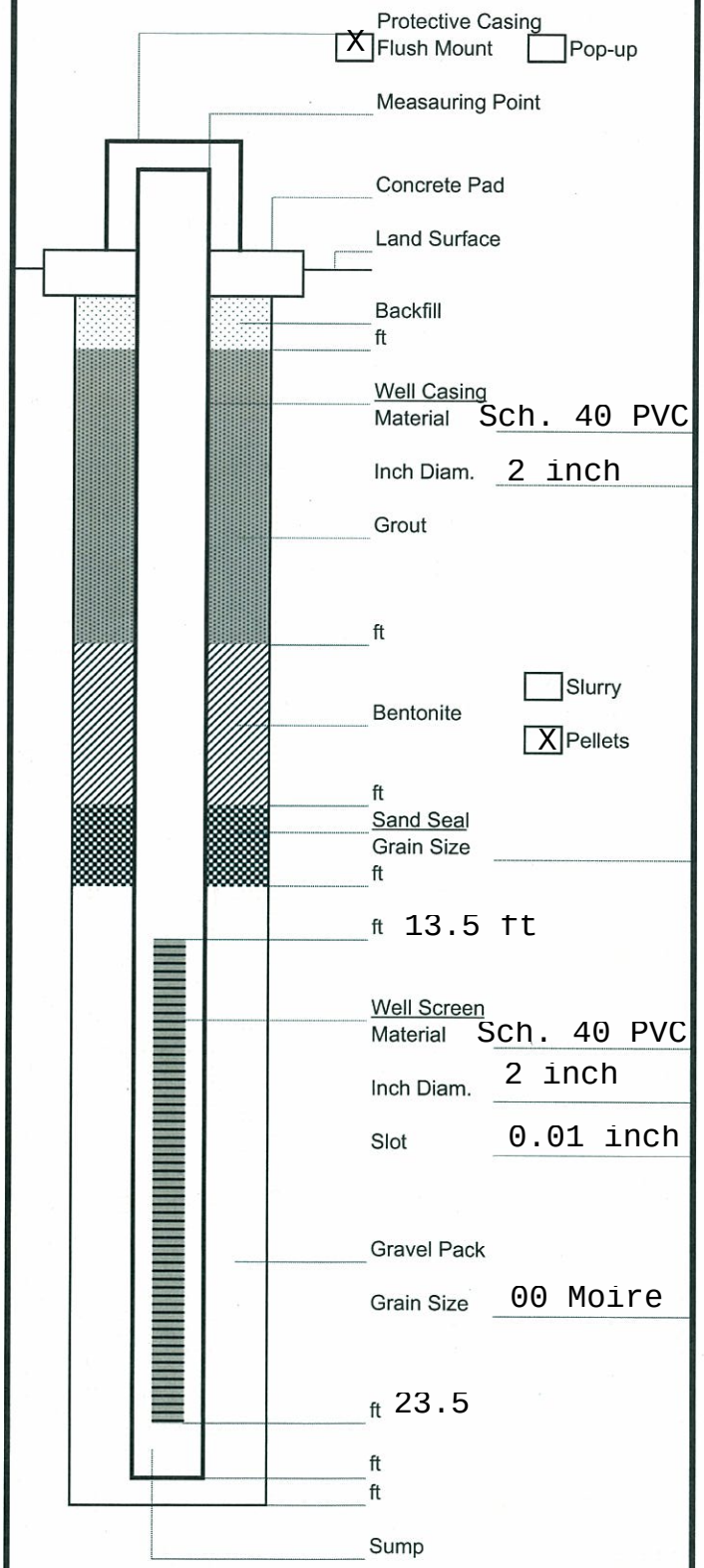
Hydrogeologist Damion Lawyer

Company Name Environmental Business Cons.

Notes

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Well No. IRM-W8

NYSDEC Permit No.

Project 3035 White Plains Road, Bronx

Surveyor

Land Surface Elevation

Measuring Point Elevation

Borehole Diameter: 6 inches

Installation Date 6/11/08

Drilling Contractor ADT Inc.

Drilling Method Air Rotary

Drilling Fluid None

Development Technique (s) and Date (s)

Fluid Loss During Drilling Gallons

Water Removed During Development

Static Depth to Water

Pumping Depth to Water

Pumping Duration

Yield GPM DATE

Specific Capacity GPM/Ft

Well Purpose

monitoring well

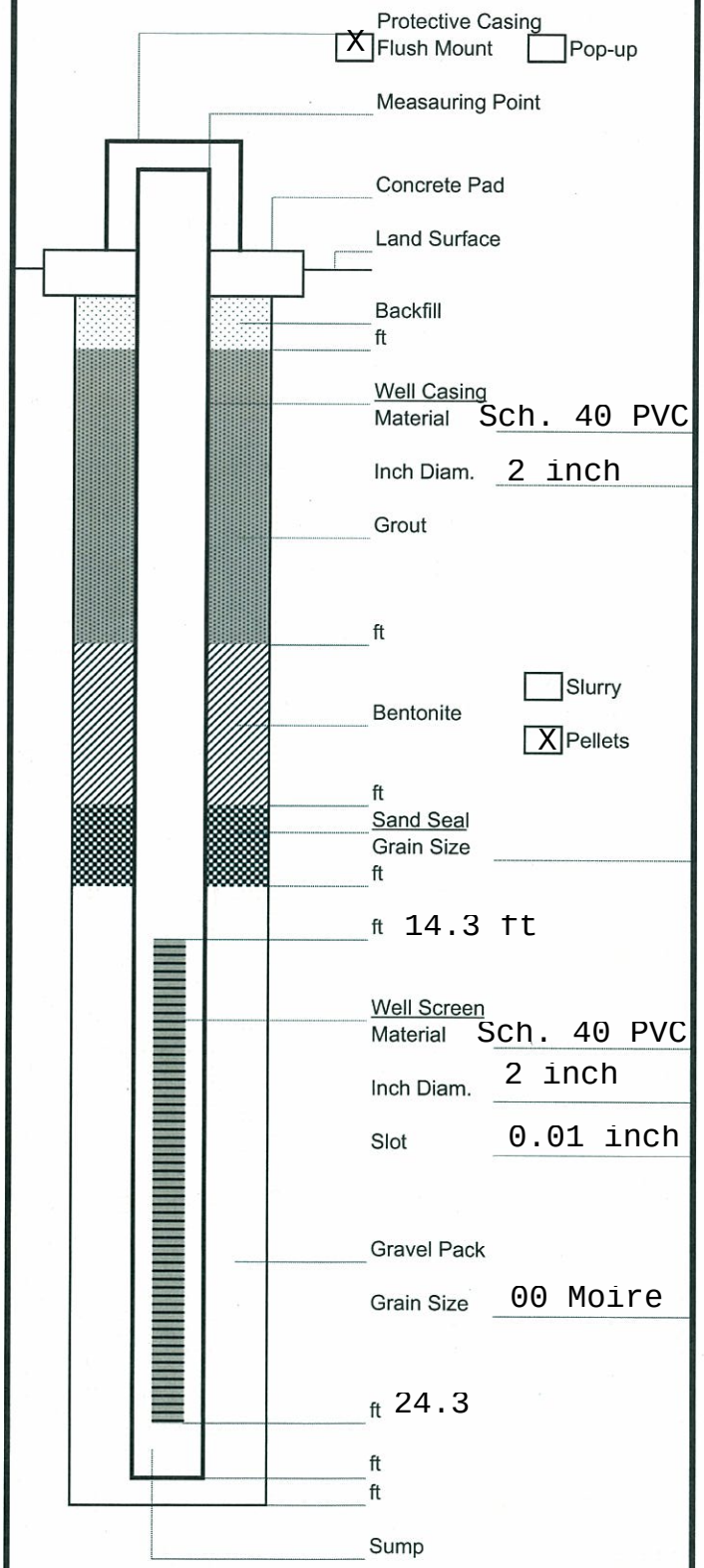
Hydrogeologist Damion Lawyer

Company Name Environmental Business Cons.

Notes

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Well No. IRM-W9

NYSDEC Permit No.

Project 3035 White Plains Road, Bronx

Surveyor

Land Surface Elevation

Measuring Point Elevation

Borehole Diameter: 6 inches

Installation Date 6/11/08

Drilling Contractor ADT Inc.

Drilling Method Air Rotary

Drilling Fluid None

Development Technique (s) and Date (s)

Fluid Loss During Drilling Gallons

Water Removed During Development

Static Depth to Water

Pumping Depth to Water

Pumping Duration

Yield GPM DATE

Specific Capacity GPM/Ft

Well Purpose

monitoring well

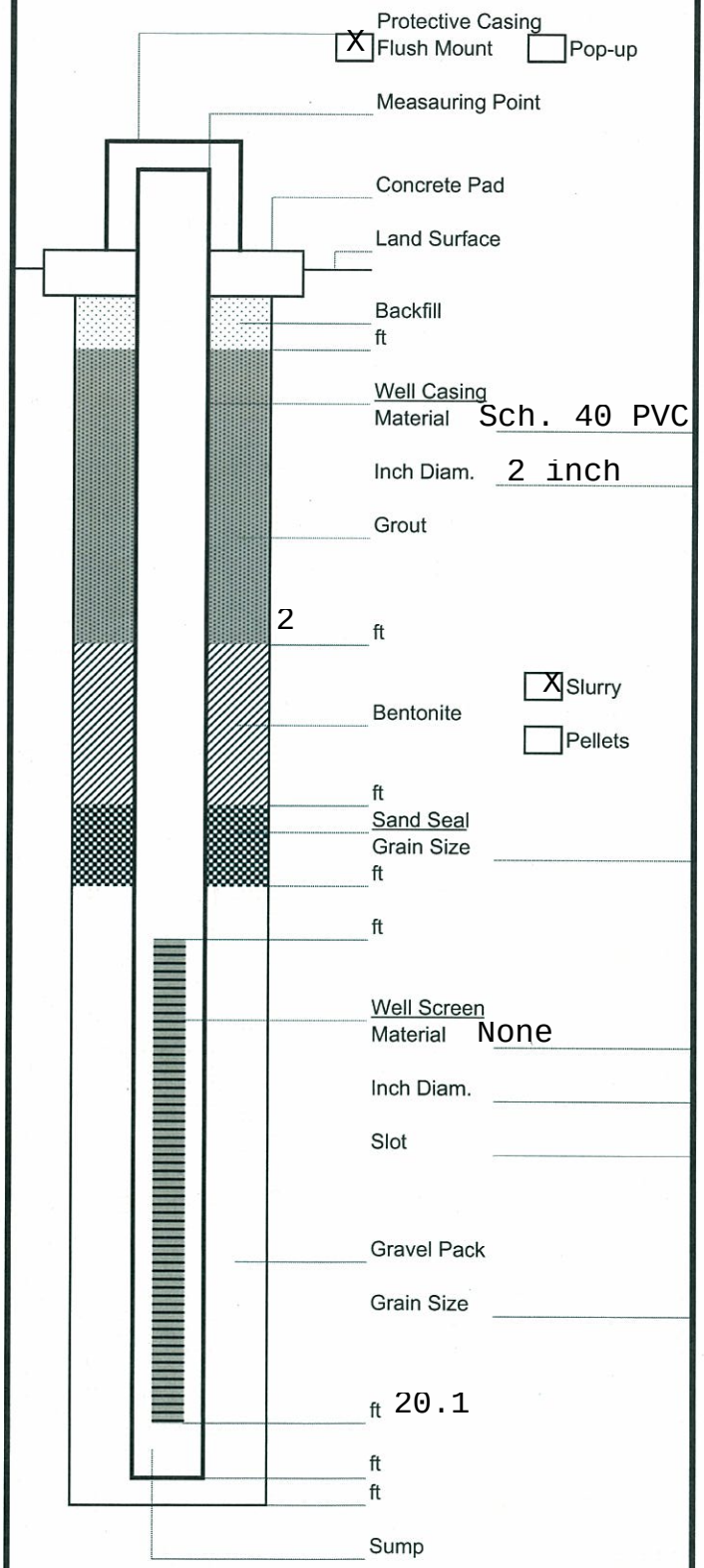
Hydrogeologist Damion Lawyer

Company Name Environmental Business Cons.

Notes

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Well No. IRM-W10

NYSDEC Permit No.

Project 3035 White Plains Road, Bronx

Surveyor

Land Surface Elevation

Measuring Point Elevation

Borehole Diameter: 2 inches

Installation Date 12/20/08

Drilling Contractor LVS Inc.

Drilling Method Rock coring

Drilling Fluid None

Development Technique (s) and Date (s)

Fluid Loss During Drilling Gallons

Water Removed During Development

Static Depth to Water

Pumping Depth to Water

Pumping Duration

Yield GPM DATE

Specific Capacity GPM/Ft

Well Purpose

monitoring well

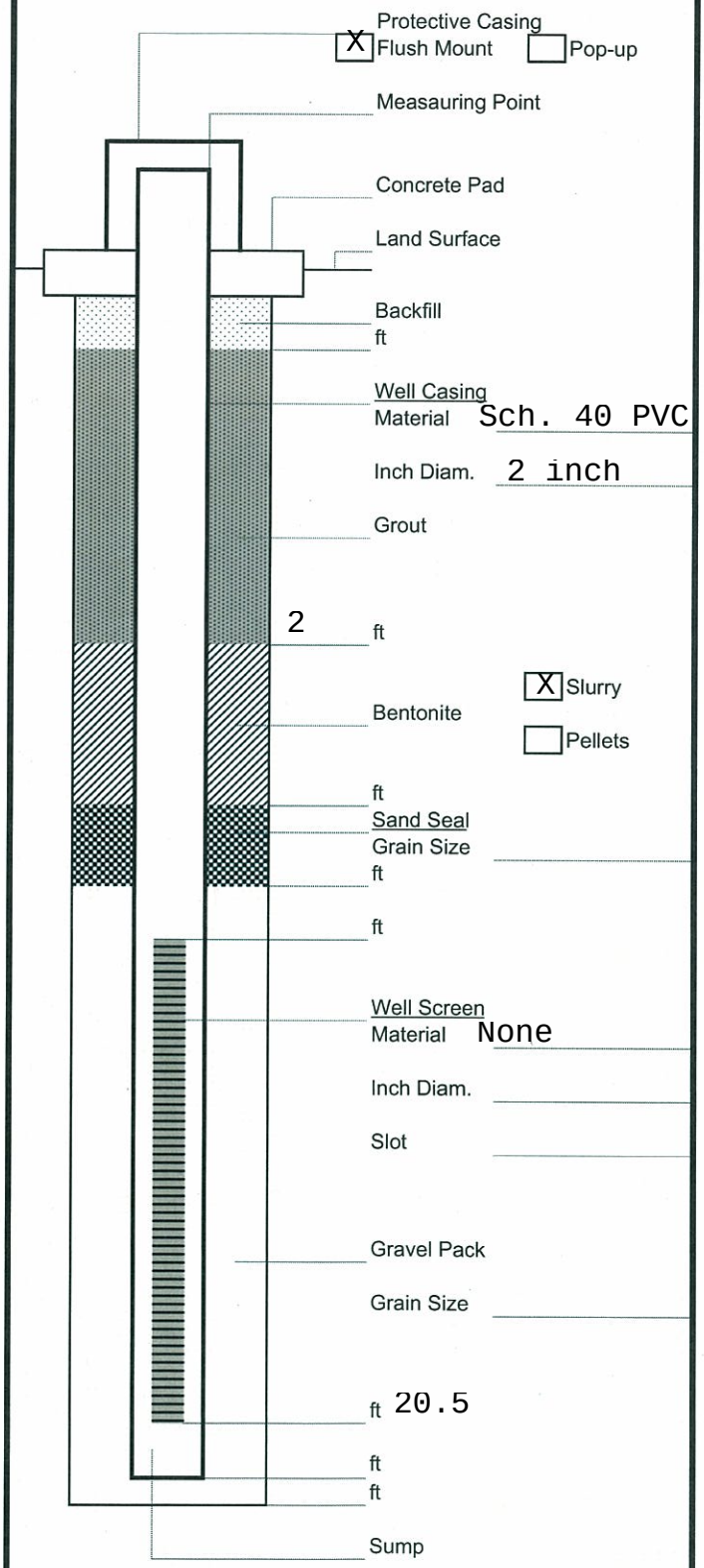
Hydrogeologist K. Brussee

Company Name Environmental Business Cons.

Notes

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Well No. IRM-W11

NYSDEC Permit No.

Project 3035 White Plains Road, Bronx

Surveyor

Land Surface Elevation

Measuring Point Elevation

Borehole Diameter: 2 inches

Installation Date 12/20/08

Drilling Contractor LVS Inc.

Drilling Method Rock coring

Drilling Fluid None

Development Technique (s) and Date (s)

Fluid Loss During Drilling Gallons

Water Removed During Development

Static Depth to Water

Pumping Depth to Water

Pumping Duration

Yield GPM DATE

Specific Capacity GPM/Ft

Well Purpose

monitoring well

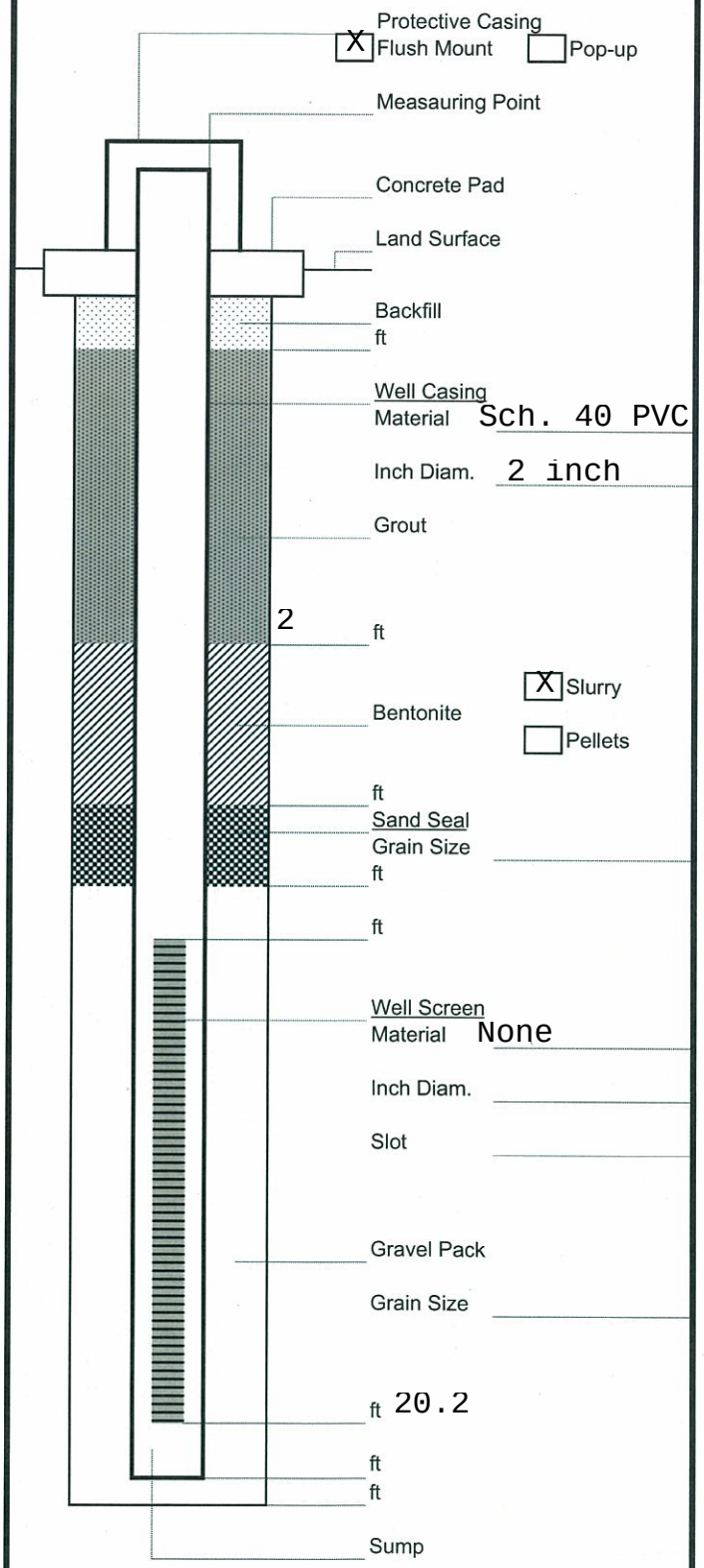
Hydrogeologist K. Brussee

Company Name Environmental Business Cons.

Notes

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Well No. IRM-W12

NYSDEC Permit No.

Project 3035 White Plains Road, Bronx

Surveyor

Land Surface Elevation

Measuring Point Elevation

Borehole Diameter: 2 inches

Installation Date 12/21/08

Drilling Contractor LVS Inc.

Drilling Method Rock coring

Drilling Fluid None

Development Technique (s) and Date (s)

Fluid Loss During Drilling Gallons

Water Removed During Development

Static Depth to Water

Pumping Depth to Water

Pumping Duration

Yield GPM DATE

Specific Capacity GPM/Ft

Well Purpose

monitoring well

Hydrogeologist K. Brussee

Company Name Environmental Business Cons.

Notes

APPENDIX - N

Laboratory Analytical Reports
Performance Sampling Rounds 1-3

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number: 23014
COC Number:

CLIENT INFORMATION

Report to be sent to
COMPANY: Environmental Business Consultants
ADDRESS: 1808 Middle Country Rd
CITY: Ridge STATE: NY ZIP: 11961
ATTENTION: Charle Sosik
PHONE: 631-504-6000 FAX: 631-924-2870

PROJECT INFORMATION

PROJECT NAME: 3035 White Plains Rd, Bronx
PROJECT #: ARK0602 LOCATION: 3035 White Plains
PROJECT MANAGER: Charles Sosik
E-MAIL: CSosik2@optonline.net
PHONE: 631-504-6000 FAX: 631-504-6000

BILLING INFORMATION

BILL TO: EBC PO#
ADDRESS: 1808 Middle Country Rd
CITY: Ridge STATE: NY ZIP: 1961
ATTENTION: Charles Sosik
PHONE: 631-504-6000

DATA TURNAROUND INFORMATION

FAX: _____ DAYS*
HARD COPY: ~~STANDARD~~ 2 DAYS*
EDD ~~STANDARD~~ _____ DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY
- ☐ RESULTS * QC
- ☐ New Jersey REDUCED
- ✈ New Jersey CLP
- ☐ EDD FORMAT _____
- ☐ USEPA CLP
- ☒ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other _____

ANALYSIS

1 VOCs 8260
2
3
4
5
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE: COMP	SAMPLE TYPE: GRAB	SAMPLE COLLECTION: DATE	SAMPLE COLLECTION: TIME	# of Bottles	PRESERVATIVES: E	1	2	3	4	5	6	7	8	9	COMMENTS
1.	Bmw-1	H_2O		x	5/27		2	x										
2.	Bmw-2	↓		x	↓		↓	↓										
3.	Bmw-3			x														
4.	Bmw-4			x														
5.	Bmw-5			x														
6.	Bmw-6	↓		x	↓		↓	↓										
7.																		
8.																		
9.																		
10.																		

<-- Specify Preservatives
A-HCl B-HNO4
C-H2SO13 D-NaOH
E-ICE F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	5/28/08 1:30	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3. EBD EX	5/29/08 9:25	3.

Conditions of bottles or coolers at receipt: ✈ COMPLIANT ✈ NON COMPLIANT ✈ COOLER TEMP 4°C
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments:

Page 1 of 1

CLIENT: ✈ Hand Delivered ✈ Overnight
CHEMTECH: ✈ Picked Up ✈

Shipment Complete ☐ YES ✈ NO

10/18/2004

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT **YELLOW** - CHEMTECH COPY **PINK** - SAMPLER COPY

#

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	05/27/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	05/29/08
Customer Sample No.:	BMW-1	**Lab Sample ID:**	Z3014-01
Test:	VOCMS Group1	**SDG ID:**	Z3014
Analytical Method:	EPA SW846 8260	**% Moisture:**	100.00
Result Type:	Final	**Datafile:**	VF011829

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/L	8.8	50	10	
74-87-3	Chloromethane	ND	U	ug/L	3.7	50	10	
75-01-4	Vinyl Chloride	ND	U	ug/L	3.0	50	10	
74-83-9	Bromomethane	ND	U	ug/L	14	50	10	
75-00-3	Chloroethane	ND	U	ug/L	8.0	50	10	
75-69-4	Trichlorofluoromethane	ND	U	ug/L	5.3	50	10	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/L	6.1	50	10	
75-35-4	1,1-Dichloroethene	ND	U	ug/L	6.7	50	10	
67-64-1	Acetone	ND	U	ug/L	22	250	10	
75-15-0	Carbon Disulfide	ND	U	ug/L	2.0	50	10	
1634-04-4	Methyl tert-butyl Ether	210		ug/L	2.3	50	10	
79-20-9	Methyl Acetate	ND	U	ug/L	4.5	50	10	
75-09-2	Methylene Chloride	ND	U	ug/L	3.8	50	10	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/L	4.4	50	10	
75-34-3	1,1-Dichloroethane	ND	U	ug/L	6.7	50	10	
110-82-7	Cyclohexane	200		ug/L	5.7	50	10	
78-93-3	2-Butanone	64	J	ug/L	19	250	10	
56-23-5	Carbon Tetrachloride	ND	U	ug/L	2.7	50	10	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/L	7.2	50	10	
67-66-3	Chloroform	ND	U	ug/L	4.5	50	10	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/L	3.9	50	10	
108-87-2	Methylcyclohexane	140		ug/L	4.7	50	10	
71-43-2	Benzene	100		ug/L	3.5	50	10	
107-06-2	1,2-Dichloroethane	ND	U	ug/L	4.1	50	10	
79-01-6	Trichloroethene	ND	U	ug/L	3.4	50	10	
78-87-5	1,2-Dichloropropane	ND	U	ug/L	4.6	50	10	
75-27-4	Bromodichloromethane	ND	U	ug/L	2.3	50	10	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/L	18	250	10	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	05/27/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	05/29/08
Customer Sample No.:	BMW-1	**Lab Sample ID:**	Z3014-01
Test:	VOCMS Group1	**SDG ID:**	Z3014
Analytical Method:	EPA SW846 8260	**% Moisture:**	100.00
Result Type:	Final	**DataFile:**	VF011829

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
108-88-3	Toluene	300		ug/L	1.6	50	10	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/L	3.1	50	10	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/L	2.9	50	10	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/L	3.2	50	10	
591-78-6	2-Hexanone	ND	U	ug/L	18	250	10	
124-48-1	Dibromochloromethane	ND	U	ug/L	2.3	50	10	
106-93-4	1,2-Dibromoethane	ND	U	ug/L	2.6	50	10	
127-18-4	Tetrachloroethene	ND	U	ug/L	9.7	50	10	
108-90-7	Chlorobenzene	ND	U	ug/L	2.8	50	10	
100-41-4	Ethyl Benzene	400		ug/L	0.50	50	10	
126777-61-2	m/p-Xylenes	1000		ug/L	4.7	100	10	
95-47-6	o-Xylene	260		ug/L	1.6	50	10	
100-42-5	Styrene	ND	U	ug/L	1.9	50	10	
75-25-2	Bromoform	ND	U	ug/L	4.4	50	10	
98-82-8	Isopropylbenzene	64		ug/L	3.7	50	10	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/L	3.7	50	10	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/L	2.8	50	10	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/L	2.2	50	10	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/L	4.0	50	10	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/L	5.8	50	10	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/L	3.9	50	10	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	05/27/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	05/29/08
Customer Sample No.:	BMW-2	**Lab Sample ID:**	Z3014-02
Test:	VOCMS Group1	**SDG ID:**	Z3014
Analytical Method:	EPA SW846 8260	**% Moisture:**	100.00
Result Type:	Final	**Datafile:**	VF011863

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/L	0.88	5.0	1	
74-87-3	Chloromethane	ND	U	ug/L	0.37	5.0	1	
75-01-4	Vinyl Chloride	ND	U	ug/L	0.30	5.0	1	
74-83-9	Bromomethane	ND	U	ug/L	1.4	5.0	1	
75-00-3	Chloroethane	ND	U	ug/L	0.80	5.0	1	
75-69-4	Trichlorofluoromethane	ND	U	ug/L	0.53	5.0	1	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/L	0.61	5.0	1	
75-35-4	1,1-Dichloroethene	ND	U	ug/L	0.67	5.0	1	
67-64-1	Acetone	12	J	ug/L	2.2	25	1	
75-15-0	Carbon Disulfide	ND	U	ug/L	0.20	5.0	1	
1634-04-4	Methyl tert-butyl Ether	1.6	J	ug/L	0.23	5.0	1	
79-20-9	Methyl Acetate	ND	U	ug/L	0.45	5.0	1	
75-09-2	Methylene Chloride	ND	U	ug/L	0.38	5.0	1	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/L	0.44	5.0	1	
75-34-3	1,1-Dichloroethane	ND	U	ug/L	0.67	5.0	1	
110-82-7	Cyclohexane	ND	U	ug/L	0.57	5.0	1	
78-93-3	2-Butanone	4.2	J	ug/L	1.9	25	1	
56-23-5	Carbon Tetrachloride	ND	U	ug/L	0.27	5.0	1	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/L	0.72	5.0	1	
67-66-3	Chloroform	10		ug/L	0.45	5.0	1	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/L	0.39	5.0	1	
108-87-2	Methylcyclohexane	ND	U	ug/L	0.47	5.0	1	
71-43-2	Benzene	ND	U	ug/L	0.35	5.0	1	
107-06-2	1,2-Dichloroethane	ND	U	ug/L	0.41	5.0	1	
79-01-6	Trichloroethene	ND	U	ug/L	0.34	5.0	1	
78-87-5	1,2-Dichloropropane	ND	U	ug/L	0.46	5.0	1	
75-27-4	Bromodichloromethane	ND	U	ug/L	0.23	5.0	1	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/L	1.8	25	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	05/27/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	05/29/08
Customer Sample No.:	BMW-2	**Lab Sample ID:**	Z3014-02
Test:	VOCMS Group1	**SDG ID:**	Z3014
Analytical Method:	EPA SW846 8260	**% Moisture:**	100.00
Result Type:	Final	**DataFile:**	VF011863

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
108-88-3	Toluene	0.51	J	ug/L	0.16	5.0	1	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/L	0.31	5.0	1	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/L	0.29	5.0	1	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/L	0.32	5.0	1	
591-78-6	2-Hexanone	ND	U	ug/L	1.8	25	1	
124-48-1	Dibromochloromethane	ND	U	ug/L	0.23	5.0	1	
106-93-4	1,2-Dibromoethane	ND	U	ug/L	0.26	5.0	1	
127-18-4	Tetrachloroethene	ND	U	ug/L	0.97	5.0	1	
108-90-7	Chlorobenzene	ND	U	ug/L	0.28	5.0	1	
100-41-4	Ethyl Benzene	ND	U	ug/L	0.05	5.0	1	
126777-61-2	m/p-Xylenes	2.7	J	ug/L	0.47	10	1	
95-47-6	o-Xylene	ND	U	ug/L	0.16	5.0	1	
100-42-5	Styrene	ND	U	ug/L	0.19	5.0	1	
75-25-2	Bromoform	ND	U	ug/L	0.44	5.0	1	
98-82-8	Isopropylbenzene	ND	U	ug/L	0.37	5.0	1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/L	0.37	5.0	1	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/L	0.28	5.0	1	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/L	0.22	5.0	1	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/L	0.40	5.0	1	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/L	0.58	5.0	1	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/L	0.39	5.0	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	05/27/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	05/29/08
Customer Sample No.:	BMW-3	**Lab Sample ID:**	Z3014-03
Test:	VOCMS Group1	**SDG ID:**	Z3014
Analytical Method:	EPA SW846 8260	**% Moisture:**	100.00
Result Type:	Final	**Datafile:**	VF011831

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/L	8.8	50	10	
74-87-3	Chloromethane	ND	U	ug/L	3.7	50	10	
75-01-4	Vinyl Chloride	ND	U	ug/L	3.0	50	10	
74-83-9	Bromomethane	ND	U	ug/L	14	50	10	
75-00-3	Chloroethane	ND	U	ug/L	8.0	50	10	
75-69-4	Trichlorofluoromethane	ND	U	ug/L	5.3	50	10	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/L	6.1	50	10	
75-35-4	1,1-Dichloroethene	ND	U	ug/L	6.7	50	10	
67-64-1	Acetone	ND	U	ug/L	22	250	10	
75-15-0	Carbon Disulfide	ND	U	ug/L	2.0	50	10	
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/L	2.3	50	10	
79-20-9	Methyl Acetate	ND	U	ug/L	4.5	50	10	
75-09-2	Methylene Chloride	ND	U	ug/L	3.8	50	10	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/L	4.4	50	10	
75-34-3	1,1-Dichloroethane	ND	U	ug/L	6.7	50	10	
110-82-7	Cyclohexane	350		ug/L	5.7	50	10	
78-93-3	2-Butanone	160	J	ug/L	19	250	10	
56-23-5	Carbon Tetrachloride	ND	U	ug/L	2.7	50	10	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/L	7.2	50	10	
67-66-3	Chloroform	ND	U	ug/L	4.5	50	10	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/L	3.9	50	10	
108-87-2	Methylcyclohexane	220		ug/L	4.7	50	10	
71-43-2	Benzene	ND	U	ug/L	3.5	50	10	
107-06-2	1,2-Dichloroethane	ND	U	ug/L	4.1	50	10	
79-01-6	Trichloroethene	ND	U	ug/L	3.4	50	10	
78-87-5	1,2-Dichloropropane	ND	U	ug/L	4.6	50	10	
75-27-4	Bromodichloromethane	ND	U	ug/L	2.3	50	10	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/L	18	250	10	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	05/27/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	05/29/08
Customer Sample No.:	BMW-3	**Lab Sample ID:**	Z3014-03
Test:	VOCMS Group1	**SDG ID:**	Z3014
Analytical Method:	EPA SW846 8260	**% Moisture:**	100.00
Result Type:	Final	**DataFile:**	VF011831

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
108-88-3	Toluene	34	J	ug/L	1.6	50	10	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/L	3.1	50	10	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/L	2.9	50	10	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/L	3.2	50	10	
591-78-6	2-Hexanone	ND	U	ug/L	18	250	10	
124-48-1	Dibromochloromethane	ND	U	ug/L	2.3	50	10	
106-93-4	1,2-Dibromoethane	ND	U	ug/L	2.6	50	10	
127-18-4	Tetrachloroethene	ND	U	ug/L	9.7	50	10	
108-90-7	Chlorobenzene	ND	U	ug/L	2.8	50	10	
100-41-4	Ethyl Benzene	940		ug/L	0.50	50	10	
126777-61-2	m/p-Xylenes	3000		ug/L	4.7	100	10	
95-47-6	o-Xylene	690		ug/L	1.6	50	10	
100-42-5	Styrene	ND	U	ug/L	1.9	50	10	
75-25-2	Bromoform	ND	U	ug/L	4.4	50	10	
98-82-8	Isopropylbenzene	210		ug/L	3.7	50	10	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/L	3.7	50	10	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/L	2.8	50	10	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/L	2.2	50	10	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/L	4.0	50	10	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/L	5.8	50	10	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/L	3.9	50	10	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	05/27/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	05/29/08
Customer Sample No.:	BMW-4	**Lab Sample ID:**	Z3014-04
Test:	VOCMS Group1	**SDG ID:**	Z3014
Analytical Method:	EPA SW846 8260	**% Moisture:**	100.00
Result Type:	Final	**Datafile:**	VF011902

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/L	0.88	5.0	1	
74-87-3	Chloromethane	ND	U	ug/L	0.37	5.0	1	
75-01-4	Vinyl Chloride	ND	U	ug/L	0.30	5.0	1	
74-83-9	Bromomethane	ND	U	ug/L	1.4	5.0	1	
75-00-3	Chloroethane	ND	U	ug/L	0.80	5.0	1	
75-69-4	Trichlorofluoromethane	ND	U	ug/L	0.53	5.0	1	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/L	0.61	5.0	1	
75-35-4	1,1-Dichloroethene	ND	U	ug/L	0.67	5.0	1	
67-64-1	Acetone	110		ug/L	2.2	25	1	
75-15-0	Carbon Disulfide	ND	U	ug/L	0.20	5.0	1	
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/L	0.23	5.0	1	
79-20-9	Methyl Acetate	ND	U	ug/L	0.45	5.0	1	
75-09-2	Methylene Chloride	ND	U	ug/L	0.38	5.0	1	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/L	0.44	5.0	1	
75-34-3	1,1-Dichloroethane	ND	U	ug/L	0.67	5.0	1	
110-82-7	Cyclohexane	ND	U	ug/L	0.57	5.0	1	
78-93-3	2-Butanone	28		ug/L	1.9	25	1	
56-23-5	Carbon Tetrachloride	ND	U	ug/L	0.27	5.0	1	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/L	0.72	5.0	1	
67-66-3	Chloroform	ND	U	ug/L	0.45	5.0	1	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/L	0.39	5.0	1	
108-87-2	Methylcyclohexane	ND	U	ug/L	0.47	5.0	1	
71-43-2	Benzene	ND	U	ug/L	0.35	5.0	1	
107-06-2	1,2-Dichloroethane	ND	U	ug/L	0.41	5.0	1	
79-01-6	Trichloroethene	ND	U	ug/L	0.34	5.0	1	
78-87-5	1,2-Dichloropropane	ND	U	ug/L	0.46	5.0	1	
75-27-4	Bromodichloromethane	ND	U	ug/L	0.23	5.0	1	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/L	1.8	25	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	05/27/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	05/29/08
Customer Sample No.:	BMW-4	**Lab Sample ID:**	Z3014-04
Test:	VOCMS Group1	**SDG ID:**	Z3014
Analytical Method:	EPA SW846 8260	**% Moisture:**	100.00
Result Type:	Final	**DataFile:**	VF011902

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
108-88-3	Toluene	ND	U	ug/L	0.16	5.0	1	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/L	0.31	5.0	1	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/L	0.29	5.0	1	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/L	0.32	5.0	1	
591-78-6	2-Hexanone	ND	U	ug/L	1.8	25	1	
124-48-1	Dibromochloromethane	ND	U	ug/L	0.23	5.0	1	
106-93-4	1,2-Dibromoethane	ND	U	ug/L	0.26	5.0	1	
127-18-4	Tetrachloroethene	ND	U	ug/L	0.97	5.0	1	
108-90-7	Chlorobenzene	ND	U	ug/L	0.28	5.0	1	
100-41-4	Ethyl Benzene	ND	U	ug/L	0.05	5.0	1	
126777-61-2	m/p-Xylenes	ND	U	ug/L	0.47	10	1	
95-47-6	o-Xylene	ND	U	ug/L	0.16	5.0	1	
100-42-5	Styrene	ND	U	ug/L	0.19	5.0	1	
75-25-2	Bromoform	ND	U	ug/L	0.44	5.0	1	
98-82-8	Isopropylbenzene	ND	U	ug/L	0.37	5.0	1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/L	0.37	5.0	1	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/L	0.28	5.0	1	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/L	0.22	5.0	1	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/L	0.40	5.0	1	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/L	0.58	5.0	1	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/L	0.39	5.0	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	05/27/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	05/29/08
Customer Sample No.:	BMW-5	**Lab Sample ID:**	Z3014-05
Test:	VOCMS Group1	**SDG ID:**	Z3014
Analytical Method:	EPA SW846 8260	**% Moisture:**	100.00
Result Type:	Final	**Datafile:**	VF011833

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/L	4.4	25	5	
74-87-3	Chloromethane	ND	U	ug/L	1.8	25	5	
75-01-4	Vinyl Chloride	ND	U	ug/L	1.5	25	5	
74-83-9	Bromomethane	ND	U	ug/L	6.8	25	5	
75-00-3	Chloroethane	ND	U	ug/L	4.0	25	5	
75-69-4	Trichlorofluoromethane	ND	U	ug/L	2.6	25	5	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/L	3.0	25	5	
75-35-4	1,1-Dichloroethene	ND	U	ug/L	3.4	25	5	
67-64-1	Acetone	170		ug/L	11	120	5	
75-15-0	Carbon Disulfide	ND	U	ug/L	1.0	25	5	
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/L	1.2	25	5	
79-20-9	Methyl Acetate	ND	U	ug/L	2.2	25	5	
75-09-2	Methylene Chloride	ND	U	ug/L	1.9	25	5	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/L	2.2	25	5	
75-34-3	1,1-Dichloroethane	ND	U	ug/L	3.4	25	5	
110-82-7	Cyclohexane	92		ug/L	2.8	25	5	
78-93-3	2-Butanone	92	J	ug/L	9.7	120	5	
56-23-5	Carbon Tetrachloride	ND	U	ug/L	1.4	25	5	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/L	3.6	25	5	
67-66-3	Chloroform	ND	U	ug/L	2.2	25	5	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/L	2.0	25	5	
108-87-2	Methylcyclohexane	52		ug/L	2.4	25	5	
71-43-2	Benzene	44		ug/L	1.8	25	5	
107-06-2	1,2-Dichloroethane	ND	U	ug/L	2.0	25	5	
79-01-6	Trichloroethene	ND	U	ug/L	1.7	25	5	
78-87-5	1,2-Dichloropropane	ND	U	ug/L	2.3	25	5	
75-27-4	Bromodichloromethane	ND	U	ug/L	1.2	25	5	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/L	8.8	120	5	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	05/27/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	05/29/08
Customer Sample No.:	BMW-5	**Lab Sample ID:**	Z3014-05
Test:	VOCMS Group1	**SDG ID:**	Z3014
Analytical Method:	EPA SW846 8260	**% Moisture:**	100.00
Result Type:	Final	**DataFile:**	VF011833

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
108-88-3	Toluene	560		ug/L	0.80	25	5	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/L	1.6	25	5	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/L	1.4	25	5	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/L	1.6	25	5	
591-78-6	2-Hexanone	ND	U	ug/L	8.8	120	5	
124-48-1	Dibromochloromethane	ND	U	ug/L	1.2	25	5	
106-93-4	1,2-Dibromoethane	ND	U	ug/L	1.3	25	5	
127-18-4	Tetrachloroethene	ND	U	ug/L	4.8	25	5	
108-90-7	Chlorobenzene	ND	U	ug/L	1.4	25	5	
100-41-4	Ethyl Benzene	350		ug/L	0.25	25	5	
126777-61-2	m/p-Xylenes	1500		ug/L	2.4	50	5	
95-47-6	o-Xylene	490		ug/L	0.80	25	5	
100-42-5	Styrene	ND	U	ug/L	0.95	25	5	
75-25-2	Bromoform	ND	U	ug/L	2.2	25	5	
98-82-8	Isopropylbenzene	35		ug/L	1.8	25	5	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/L	1.8	25	5	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/L	1.4	25	5	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/L	1.1	25	5	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/L	2.0	25	5	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/L	2.9	25	5	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/L	2.0	25	5	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	05/27/08
Project ID:	Former Dico-G auto & truck repair	**Date Received:**	05/29/08
Customer Sample No.:	BMW-6	**Lab Sample ID:**	Z3014-06
Test:	VOCMS Group1	**SDG ID:**	Z3014
Analytical Method:	EPA SW846 8260	**% Moisture:**	100.00
Result Type:	Final	**Datafile:**	VF011868

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/L	0.88	5.0	1	
74-87-3	Chloromethane	ND	U	ug/L	0.37	5.0	1	
75-01-4	Vinyl Chloride	ND	U	ug/L	0.30	5.0	1	
74-83-9	Bromomethane	ND	U	ug/L	1.4	5.0	1	
75-00-3	Chloroethane	ND	U	ug/L	0.80	5.0	1	
75-69-4	Trichlorofluoromethane	ND	U	ug/L	0.53	5.0	1	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/L	0.61	5.0	1	
75-35-4	1,1-Dichloroethene	ND	U	ug/L	0.67	5.0	1	
67-64-1	Acetone	ND	U	ug/L	2.2	25	1	
75-15-0	Carbon Disulfide	ND	U	ug/L	0.20	5.0	1	
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/L	0.23	5.0	1	
79-20-9	Methyl Acetate	ND	U	ug/L	0.45	5.0	1	
75-09-2	Methylene Chloride	ND	U	ug/L	0.38	5.0	1	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/L	0.44	5.0	1	
75-34-3	1,1-Dichloroethane	ND	U	ug/L	0.67	5.0	1	
110-82-7	Cyclohexane	ND	U	ug/L	0.57	5.0	1	
78-93-3	2-Butanone	ND	U	ug/L	1.9	25	1	
56-23-5	Carbon Tetrachloride	ND	U	ug/L	0.27	5.0	1	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/L	0.72	5.0	1	
67-66-3	Chloroform	ND	U	ug/L	0.45	5.0	1	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/L	0.39	5.0	1	
108-87-2	Methylcyclohexane	ND	U	ug/L	0.47	5.0	1	
71-43-2	Benzene	ND	U	ug/L	0.35	5.0	1	
107-06-2	1,2-Dichloroethane	ND	U	ug/L	0.41	5.0	1	
79-01-6	Trichloroethene	ND	U	ug/L	0.34	5.0	1	
78-87-5	1,2-Dichloropropane	ND	U	ug/L	0.46	5.0	1	
75-27-4	Bromodichloromethane	ND	U	ug/L	0.23	5.0	1	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/L	1.8	25	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**05/27/08**
Project ID:	**Former Dico-G auto & truck repair**	**Date Received:**	**05/29/08**
Customer Sample No.:	**BMW-6**	**Lab Sample ID:**	**Z3014-06**
Test:	**VOCMS Group1**	**SDG ID:**	**Z3014**
Analytical Method:	**EPA SW846 8260**	**% Moisture:**	**100.00**
Result Type:	**Final**	**DataFile:**	**VF011868**

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
108-88-3	Toluene	ND	U	ug/L	0.16	5.0	1	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/L	0.31	5.0	1	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/L	0.29	5.0	1	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/L	0.32	5.0	1	
591-78-6	2-Hexanone	ND	U	ug/L	1.8	25	1	
124-48-1	Dibromochloromethane	ND	U	ug/L	0.23	5.0	1	
106-93-4	1,2-Dibromoethane	ND	U	ug/L	0.26	5.0	1	
127-18-4	Tetrachloroethene	ND	U	ug/L	0.97	5.0	1	
108-90-7	Chlorobenzene	ND	U	ug/L	0.28	5.0	1	
100-41-4	Ethyl Benzene	ND	U	ug/L	0.05	5.0	1	
126777-61-2	m/p-Xylenes	ND	U	ug/L	0.47	10	1	
95-47-6	o-Xylene	ND	U	ug/L	0.16	5.0	1	
100-42-5	Styrene	ND	U	ug/L	0.19	5.0	1	
75-25-2	Bromoform	ND	U	ug/L	0.44	5.0	1	
98-82-8	Isopropylbenzene	ND	U	ug/L	0.37	5.0	1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/L	0.37	5.0	1	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/L	0.28	5.0	1	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/L	0.22	5.0	1	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/L	0.40	5.0	1	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/L	0.58	5.0	1	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/L	0.39	5.0	1	

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

Project #: Z3014
6/2/2008 2:38:32 PM
End of Report

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number: Z3764
COC Number:

CLIENT INFORMATION

Report to be sent to
COMPANY: Environmental Business Consultants
ADDRESS: 1808 Middle Country Road
CITY: Ridge STATE: NY ZIP: 11961
ATTENTION: Charles Sosik
PHONE: 631.504.6000 FAX: 631.924.2870

PROJECT INFORMATION

PROJECT NAME: 3035 White Plains Road, Bronx, NY
PROJECT #: ARK0602 LOCATION:
PROJECT MANAGER: Charles Sosik
E-MAIL: Csosik2@optonline.net
PHONE: 631.504.6000 FAX: 631.924.2870

BILLING INFORMATION

BILL TO: EBC PO#
ADDRESS: 1808 Middle Country Road
CITY: Ridge STATE: NY ZIP: 11961
ATTENTION: Charles Sosik
PHONE: 631.504.6000

DATA TURNAROUND INFORMATION

FAX:_____ DAYS*
HARD COPY:_____ DAYS*
EDD_____ DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- [x] RESEULTS ONLY
- [ ] RESULTS * QC
- [ ] New Jersey REDUCED
- [ ] New Jersey CLP
- [ ] EDD FORMAT_____
- [ ] USEPA CLP
- [ ] New York State ASP "B"
- [ ] New York State ASP "A"
- [ ] Other_____

ANALYSIS

1 VOCs 8260 2 3 4 5 6 7 8 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS (<-- Specify Preservatives A-HCl B-HNO4 C-H2SO13 D-NaOH E-ICE F-OTHER)
1.	MW-1 (NEW) N (IRM9)	GROUNDWATER		X	7/17	9 ed	2	X									E/A
2.	MW-2 (NEW) S (IRM8)	GROUNDWATER		X	7/17	9 10	2	X									E/A
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	7/17/08 2nd	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3. FEDEX	7-18-08 9:30	3.

Conditions of bottles or coolers at receipt: ✈ COMPLIANT ✈ NON COMPLIANT ✈ COOLER TEMP 5 C
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments:

Page 1 of 1

CLIENT: ✈ Hand Delivered ✈ Overnight
CHEMTECH: ✈ Picked Up ✈

Shipment Complete ☑ YES ✈ NO

10/15/2004

WHITE - CHEMTECH COPYFOR RETURN TO CLIENT **YELLOW** - CHEMTECH COPY **PINK** - SAMPLER COPY

#

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	07/17/08
Project ID:	3035 White Plains Road	**Date Received:**	07/18/08
Customer Sample No.:	MW-1(NEW)N	**Lab Sample ID:**	Z3764-01
Test:	VOC-TCL	**SDG ID:**	Z3764
Analytical Method:	EPA SW846 8260	**% Moisture:**	100.00
Result Type:	Final	**Datafile:**	VF013141

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/L	0.88	5.0	1	
74-87-3	Chloromethane	ND	U	ug/L	0.37	5.0	1	
75-01-4	Vinyl Chloride	ND	U	ug/L	0.30	5.0	1	
74-83-9	Bromomethane	ND	U	ug/L	1.4	5.0	1	
75-00-3	Chloroethane	ND	U	ug/L	0.80	5.0	1	
75-69-4	Trichlorofluoromethane	ND	U	ug/L	0.53	5.0	1	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/L	0.61	5.0	1	
75-35-4	1,1-Dichloroethene	ND	U	ug/L	0.67	5.0	1	
67-64-1	Acetone	ND	U	ug/L	2.2	25	1	
75-15-0	Carbon Disulfide	ND	U	ug/L	0.20	5.0	1	
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/L	0.23	5.0	1	
79-20-9	Methyl Acetate	ND	U	ug/L	0.45	5.0	1	
75-09-2	Methylene Chloride	ND	U	ug/L	0.38	5.0	1	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/L	0.44	5.0	1	
75-34-3	1,1-Dichloroethane	ND	U	ug/L	0.67	5.0	1	
110-82-7	Cyclohexane	ND	U	ug/L	0.57	5.0	1	
78-93-3	2-Butanone	ND	U	ug/L	1.9	25	1	
56-23-5	Carbon Tetrachloride	ND	U	ug/L	0.27	5.0	1	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/L	0.72	5.0	1	
67-66-3	Chloroform	ND	U	ug/L	0.45	5.0	1	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/L	0.39	5.0	1	
108-87-2	Methylcyclohexane	ND	U	ug/L	0.47	5.0	1	
71-43-2	Benzene	ND	U	ug/L	0.35	5.0	1	
107-06-2	1,2-Dichloroethane	ND	U	ug/L	0.41	5.0	1	
79-01-6	Trichloroethene	ND	U	ug/L	0.34	5.0	1	
78-87-5	1,2-Dichloropropane	ND	U	ug/L	0.46	5.0	1	
75-27-4	Bromodichloromethane	ND	U	ug/L	0.23	5.0	1	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/L	1.8	25	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	07/17/08
Project ID:	3035 White Plains Road	**Date Received:**	07/18/08
Customer Sample No.:	MW-1(NEW)N	**Lab Sample ID:**	Z3764-01
Test:	VOC-TCL	**SDG ID:**	Z3764
Analytical Method:	EPA SW846 8260	**% Moisture:**	100.00
Result Type:	Final	**DataFile:**	VF013141

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
108-88-3	Toluene	ND	U	ug/L	0.16	5.0	1	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/L	0.31	5.0	1	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/L	0.29	5.0	1	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/L	0.32	5.0	1	
591-78-6	2-Hexanone	ND	U	ug/L	1.8	25	1	
124-48-1	Dibromochloromethane	ND	U	ug/L	0.23	5.0	1	
106-93-4	1,2-Dibromoethane	ND	U	ug/L	0.26	5.0	1	
127-18-4	Tetrachloroethene	ND	U	ug/L	0.97	5.0	1	
108-90-7	Chlorobenzene	ND	U	ug/L	0.28	5.0	1	
100-41-4	Ethyl Benzene	ND	U	ug/L	0.05	5.0	1	
126777-61-2	m/p-Xylenes	ND	U	ug/L	0.47	10	1	
95-47-6	o-Xylene	ND	U	ug/L	0.16	5.0	1	
100-42-5	Styrene	ND	U	ug/L	0.19	5.0	1	
75-25-2	Bromoform	ND	U	ug/L	0.44	5.0	1	
98-82-8	Isopropylbenzene	ND	U	ug/L	0.37	5.0	1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/L	0.37	5.0	1	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/L	0.28	5.0	1	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/L	0.22	5.0	1	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/L	0.40	5.0	1	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/L	0.58	5.0	1	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/L	0.39	5.0	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	07/17/08
Project ID:	3035 White Plains Road	**Date Received:**	07/18/08
Customer Sample No.:	MW-2(NEW)S	**Lab Sample ID:**	Z3764-02
Test:	VOC-TCL	**SDG ID:**	Z3764
Analytical Method:	EPA SW846 8260	**% Moisture:**	100.00
Result Type:	Final	**Datafile:**	VF013133

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/L	0.88	5.0	1	
74-87-3	Chloromethane	ND	U	ug/L	0.37	5.0	1	
75-01-4	Vinyl Chloride	ND	U	ug/L	0.30	5.0	1	
74-83-9	Bromomethane	ND	U	ug/L	1.4	5.0	1	
75-00-3	Chloroethane	ND	U	ug/L	0.80	5.0	1	
75-69-4	Trichlorofluoromethane	ND	U	ug/L	0.53	5.0	1	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/L	0.61	5.0	1	
75-35-4	1,1-Dichloroethene	ND	U	ug/L	0.67	5.0	1	
67-64-1	Acetone	ND	U	ug/L	2.2	25	1	
75-15-0	Carbon Disulfide	ND	U	ug/L	0.20	5.0	1	
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/L	0.23	5.0	1	
79-20-9	Methyl Acetate	ND	U	ug/L	0.45	5.0	1	
75-09-2	Methylene Chloride	ND	U	ug/L	0.38	5.0	1	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/L	0.44	5.0	1	
75-34-3	1,1-Dichloroethane	ND	U	ug/L	0.67	5.0	1	
110-82-7	Cyclohexane	ND	U	ug/L	0.57	5.0	1	
78-93-3	2-Butanone	ND	U	ug/L	1.9	25	1	
56-23-5	Carbon Tetrachloride	ND	U	ug/L	0.27	5.0	1	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/L	0.72	5.0	1	
67-66-3	Chloroform	ND	U	ug/L	0.45	5.0	1	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/L	0.39	5.0	1	
108-87-2	Methylcyclohexane	ND	U	ug/L	0.47	5.0	1	
71-43-2	Benzene	ND	U	ug/L	0.35	5.0	1	
107-06-2	1,2-Dichloroethane	ND	U	ug/L	0.41	5.0	1	
79-01-6	Trichloroethene	ND	U	ug/L	0.34	5.0	1	
78-87-5	1,2-Dichloropropane	ND	U	ug/L	0.46	5.0	1	
75-27-4	Bromodichloromethane	ND	U	ug/L	0.23	5.0	1	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/L	1.8	25	1	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Environmental Business Consultants	**Date Collected:**	07/17/08
Project ID:	3035 White Plains Road	**Date Received:**	07/18/08
Customer Sample No.:	MW-2(NEW)S	**Lab Sample ID:**	Z3764-02
Test:	VOC-TCL	**SDG ID:**	Z3764
Analytical Method:	EPA SW846 8260	**% Moisture:**	100.00
Result Type:	Final	**DataFile:**	VF013133

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
108-88-3	Toluene	ND	U	ug/L	0.16	5.0	1	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/L	0.31	5.0	1	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/L	0.29	5.0	1	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/L	0.32	5.0	1	
591-78-6	2-Hexanone	ND	U	ug/L	1.8	25	1	
124-48-1	Dibromochloromethane	ND	U	ug/L	0.23	5.0	1	
106-93-4	1,2-Dibromoethane	ND	U	ug/L	0.26	5.0	1	
127-18-4	Tetrachloroethene	ND	U	ug/L	0.97	5.0	1	
108-90-7	Chlorobenzene	ND	U	ug/L	0.28	5.0	1	
100-41-4	Ethyl Benzene	ND	U	ug/L	0.05	5.0	1	
126777-61-2	m/p-Xylenes	ND	U	ug/L	0.47	10	1	
95-47-6	o-Xylene	ND	U	ug/L	0.16	5.0	1	
100-42-5	Styrene	ND	U	ug/L	0.19	5.0	1	
75-25-2	Bromoform	ND	U	ug/L	0.44	5.0	1	
98-82-8	Isopropylbenzene	ND	U	ug/L	0.37	5.0	1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/L	0.37	5.0	1	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/L	0.28	5.0	1	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/L	0.22	5.0	1	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/L	0.40	5.0	1	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/L	0.58	5.0	1	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/L	0.39	5.0	1	

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

Project #: Z3764
7/24/2008 2:36:35 PM
End of Report

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Cover Page

Order ID : Z4158

Proiect ID : 3035 White Plains Road

Customer Name : Environmental Business Consultants

Lab Sample Number	Customer Sample Number
Z4158-01	MW-3
Z4158-02	MW-1
Z4158-03	MW4
Z4158-04	MW5
Z4158-05	MW6
Z4158-06	MW7
Z4158-07	MW8
Z4158-08	MW9

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number: 7.4158
COC Number:

CLIENT INFORMATION

Report to be sent to
COMPANY: Environmental Business Consultants
ADDRESS: 1808 Middle Country Road
CITY: Ridge STATE: NY ZIP: 11961
ATTENTION: Charles Sosik
PHONE: 631.504.6000 FAX: 631.924.2870

PROJECT INFORMATION

PROJECT NAME: 3035 White Plains Road, Bronx, NY
PROJECT #: LOCATION:
PROJECT MANAGER: Charles Sosik
E-MAIL: csosik2@optonline.net
PHONE: 631.504.6000 FAX: 631.924.2870

BILLING INFORMATION

BILL TO: Environmental Business Consultants PO#
ADDRESS: 1808 Middle Country Road
CITY: Ridge STATE: NY ZIP: 11961
ATTENTION: Charles Sosik
PHONE: 631.504.6000

DATA TURNAROUND INFORMATION

FAX:_____ DAYS*
HARD COPY: STAT DAYS*
EDD STAT DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- + New Jersey CLP
- ☐ EDD FORMAT_____
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other_____

ANALYSIS

PRESERVATIVES: 1 2 3 4 5 6 7 8 9

COMMENTS: <-- Specify Preservatives
A-HCl B-HNO3
C-H2SO13 D-NaOH
E-ICE F-OTHER

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	1 VOCS 8260	2	3	4	5	6	7	8	9	COMMENTS
1.	MW-3	Water		X	8/7/2008	1300	2	X									E
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	8/11	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME 11:25	RECEIVED FOR LAB BY
3. FedEx	8-12-08	3. Saranaz Mehta

Conditions of bottles or coolers at receipt: + COMPLIANT + NON COMPLIANT + COOLER TEMP 4C
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments: THIS IS Revise COC Received from Client See e.mail

Page 1 of 1

CLIENT: + Hand Delivered + Overnight
CHEMTECH: + Picked Up +

Shipment Complete: YES + NO

10/18/2004

WHITE - CHEMTECH COPYFOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

#

2

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number: 24158
COC Number:

CLIENT INFORMATION

Report to be sent to
COMPANY: Environmental Business Consultants
ADDRESS: 1808 Middle Country Road
CITY: Ridge STATE: NY ZIP: 11961
ATTENTION: Charles Sosik
PHONE: 631 504 6000 FAX: 631 924 2870

PROJECT INFORMATION

PROJECT NAME: 3035 White Plains Rd, Bronx
PROJECT #: LOCATION:
PROJECT MANAGER: Charles Sosik
E-MAIL: csosik2@optonline.net
PHONE: 631 504 6000 FAX: 631 924 2870

BILLING INFORMATION

BILL TO: EBC PO#
ADDRESS: 1808 Middle Country Rd
CITY: Ridge STATE: NY ZIP: 11961
ATTENTION: Charles Sosik
PHONE: 631 504 6000

DATA TURNAROUND INFORMATION

FAX:_____ DAYS*
HARD COPY:_____ DAYS*
EDD_____ DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY
- ☐ RESULTS * QC
- ☐ New Jersey REDUCED
- ✈ New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other_____
- ☐ EDD FORMAT_____

ANALYSIS

1 VOCs 8260 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1. 2	mw 1	H2O		X	8/15		2	X									E
2. 3	mw 4	↓		↓	↓		↓	↓									
3. 4	mw 5																
4. 5	mw 6																
5. 6	mw 7																
6. 7	mw 8																
7. 8	mw 9	↓		↓	↓		↓	↓									
8.																	
9.																	
10.																	

<-- Specify Preservatives
A-HCl B-HNO4 C-H2SO13 D-NaOH E-ICE F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. [signature]	8/15/08 900	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED BY/LAB BY
3. FEDEX	8/19/08 930	3. [signature]

Conditions of bottles or coolers at receipt: ✈ COMPLIANT ✈ NON COMPLIANT ✈ COOLER TEMP 5.0°C
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments:

Page 1 of 1

CLIENT ✈ Hand Delivered ✈ Overnight
CHEMTECH: ✈ Picked Up ✈

Shipment Complete ✈ YES ✈ NO
#

10/18/2004

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

3

LABORATORY CERTIFICATION

STATE	License No.
New Jersey	20012
New York	11376
Florida	E87935
Maryland	296
Massachusetts	M-NJ503
Oklahoma	9705
Rhode Island	LAO00259
Connecticut	PH-0649
Maine	NJ0503
Pennsylvania	68-548

CHEMTECH

284 Sheffield Street Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #:_____**Z**4158_____

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication, airbill, sample management lab chronicle, login page)	___✓___
Check chain-of-custody for proper relinquish/return of samples	____✓__
Is the chain of custody signed and complete	___✓___
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	_____✓___
Collect information for each project id from server. Were all requirements followed	_____✓_____
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody and on login page	_____✓____
Do lab numbers and client Ids on cover page agree with the Chain of Custody	_____✓____
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	____✓___
Do requested analyses on Chain of Custody agree with the log-in page	____✓____
Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody	____✓____
Were the samples received within hold time	_____✓___
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	____✓____
ANALYTICAL:	
Was method requirement followed?	____✓____
Was client requirement followed?	____✓____
Does the case narrative summarize all QC failure?	____✓____
All runlogs reviewed for manual integration requirements	_____

1st Level QA Review Signature:

2nd Level QA Review Signature:_____

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/7/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/12/2008**
Client Sample ID:	**MW-3**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-01**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013739.D	1	8/19/2008	VF081508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	2.2	U	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	33		5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	22		5.0	0.47	ug/L
71-43-2	Benzene	5.8		5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	3.0	J	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/7/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/12/2008**
Client Sample ID:	**MW-3**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-01**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013739.D	1	8/19/2008	VF081508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	45		5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	170		10	0.47	ug/L
95-47-6	o-Xylene	36		5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	10		5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.6	111 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	48.09	96 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	54.3	109 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	60.44	121 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	672406	9.68			
540-36-3	1,4-Difluorobenzene	1347177	10.30			
3114-55-4	Chlorobenzene-d5	1529237	13.38			
3855-82-1	1,4-Dichlorobenzene-d4	868263	15.80			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW-1**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-02**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013792.D	1	8/22/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	2.2	U	25	2.2	ug/L
75-15-0	Carbon disulfide	3.9	J	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	150	E	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	110	E	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	85		5.0	0.47	ug/L
71-43-2	Benzene	47		5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	6.0		5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW-1**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-02**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013792.D	1	8/22/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	940	E	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	940	E	10	0.47	ug/L
95-47-6	o-Xylene	420	E	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	45		5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.99	94 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	50.25	101 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	49.47	99 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	49.02	98 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2252368	9.66			
540-36-3	1,4-Difluorobenzene	3706145	10.28			
3114-55-4	Chlorobenzene-d5	740057	13.33			
3855-82-1	1,4-Dichlorobenzene-d4	1677422	15.78			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW-1DL**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-02DL**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013840.D	20	8/26/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18	U	100	18	ug/L
74-87-3	Chloromethane	7.4	U	100	7.4	ug/L
75-01-4	Vinyl chloride	6.0	U	100	6.0	ug/L
74-83-9	Bromomethane	27	U	100	27	ug/L
75-00-3	Chloroethane	16	U	100	16	ug/L
75-69-4	Trichlorofluoromethane	11	U	100	11	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	12	U	100	12	ug/L
75-35-4	1,1-Dichloroethene	13	U	100	13	ug/L
67-64-1	Acetone	43	U	500	43	ug/L
75-15-0	Carbon disulfide	4.0	U	100	4.0	ug/L
1634-04-4	Methyl tert-butyl Ether	170	D	100	4.6	ug/L
79-20-9	Methyl Acetate	9.0	U	100	9.0	ug/L
75-09-2	Methylene Chloride	7.6	U	100	7.6	ug/L
156-60-5	trans-1,2-Dichloroethene	8.8	U	100	8.8	ug/L
75-34-3	1,1-Dichloroethane	13	U	100	13	ug/L
110-82-7	Cyclohexane	130	D	100	11	ug/L
78-93-3	2-Butanone	39	U	500	39	ug/L
56-23-5	Carbon Tetrachloride	5.4	U	100	5.4	ug/L
156-59-2	cis-1,2-Dichloroethene	14	U	100	14	ug/L
67-66-3	Chloroform	9.0	U	100	9.0	ug/L
71-55-6	1,1,1-Trichloroethane	7.8	U	100	7.8	ug/L
108-87-2	Methylcyclohexane	110	D	100	9.4	ug/L
71-43-2	Benzene	7.0	U	100	7.0	ug/L
107-06-2	1,2-Dichloroethane	8.2	U	100	8.2	ug/L
79-01-6	Trichloroethene	6.8	U	100	6.8	ug/L
78-87-5	1,2-Dichloropropane	9.2	U	100	9.2	ug/L
75-27-4	Bromodichloromethane	4.6	U	100	4.6	ug/L
108-10-1	4-Methyl-2-Pentanone	35	U	500	35	ug/L
108-88-3	Toluene	3.2	U	100	3.2	ug/L
10061-02-6	t-1,3-Dichloropropene	6.2	U	100	6.2	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.8	U	100	5.8	ug/L
79-00-5	1,1,2-Trichloroethane	6.4	U	100	6.4	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW-1DL**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-02DL**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013840.D	20	8/26/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	35	U	500	35	ug/L
124-48-1	Dibromochloromethane	4.6	U	100	4.6	ug/L
106-93-4	1,2-Dibromoethane	5.2	U	100	5.2	ug/L
127-18-4	Tetrachloroethene	19	U	100	19	ug/L
108-90-7	Chlorobenzene	5.6	U	100	5.6	ug/L
100-41-4	Ethyl Benzene	430	D	100	1.0	ug/L
126777-61-2	m/p-Xylenes	460	D	200	9.4	ug/L
95-47-6	o-Xylene	96	JD	100	3.2	ug/L
100-42-5	Styrene	3.8	U	100	3.8	ug/L
75-25-2	Bromoform	8.8	U	100	8.8	ug/L
98-82-8	Isopropylbenzene	7.4	U	100	7.4	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	7.4	U	100	7.4	ug/L
541-73-1	1,3-Dichlorobenzene	5.6	U	100	5.6	ug/L
106-46-7	1,4-Dichlorobenzene	4.4	U	100	4.4	ug/L
95-50-1	1,2-Dichlorobenzene	8.0	U	100	8.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	12	U	100	12	ug/L
120-82-1	1,2,4-Trichlorobenzene	7.8	U	100	7.8	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.73	117 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	51.61	103 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	49.62	99 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	52.06	104 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1712964	9.68			
540-36-3	1,4-Difluorobenzene	2836481	10.30			
3114-55-4	Chlorobenzene-d5	2735990	13.39			
3855-82-1	1,4-Dichlorobenzene-d4	1376214	15.79			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW4**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-03**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013793.D	1	8/22/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	120	E	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	6.0		5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	27		25	2.2	ug/L
75-15-0	Carbon disulfide	8.2		5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	11		5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	5.0	0.47	ug/L
71-43-2	Benzene	9.2		5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	0.16	U	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW4**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-03**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013793.D	1	8/22/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	0.47	U	10	0.47	ug/L
95-47-6	o-Xylene	0.16	U	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.25	93 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	50.95	102 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	41.82	84 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	49.03	98 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2339342	9.66			
540-36-3	1,4-Difluorobenzene	3719945	10.28			
3114-55-4	Chlorobenzene-d5	3690173	13.36			
3855-82-1	1,4-Dichlorobenzene-d4	1831305	15.77			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW4DL**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-03DL**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013839.D	5	8/26/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.4	U	25	4.4	ug/L
74-87-3	Chloromethane	170	D	25	1.8	ug/L
75-01-4	Vinyl chloride	1.5	U	25	1.5	ug/L
74-83-9	Bromomethane	6.8	U	25	6.8	ug/L
75-00-3	Chloroethane	4.0	U	25	4.0	ug/L
75-69-4	Trichlorofluoromethane	2.6	U	25	2.6	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	3.0	U	25	3.0	ug/L
75-35-4	1,1-Dichloroethene	3.4	U	25	3.4	ug/L
67-64-1	Acetone	11	U	120	11	ug/L
75-15-0	Carbon disulfide	1.0	U	25	1.0	ug/L
1634-04-4	Methyl tert-butyl Ether	1.2	U	25	1.2	ug/L
79-20-9	Methyl Acetate	2.2	U	25	2.2	ug/L
75-09-2	Methylene Chloride	1.9	U	25	1.9	ug/L
156-60-5	trans-1,2-Dichloroethene	2.2	U	25	2.2	ug/L
75-34-3	1,1-Dichloroethane	3.4	U	25	3.4	ug/L
110-82-7	Cyclohexane	2.8	U	25	2.8	ug/L
78-93-3	2-Butanone	9.7	U	120	9.7	ug/L
56-23-5	Carbon Tetrachloride	1.4	U	25	1.4	ug/L
156-59-2	cis-1,2-Dichloroethene	3.6	U	25	3.6	ug/L
67-66-3	Chloroform	2.2	U	25	2.2	ug/L
71-55-6	1,1,1-Trichloroethane	2.0	U	25	2.0	ug/L
108-87-2	Methylcyclohexane	2.4	U	25	2.4	ug/L
71-43-2	Benzene	1.8	U	25	1.8	ug/L
107-06-2	1,2-Dichloroethane	2.0	U	25	2.0	ug/L
79-01-6	Trichloroethene	1.7	U	25	1.7	ug/L
78-87-5	1,2-Dichloropropane	2.3	U	25	2.3	ug/L
75-27-4	Bromodichloromethane	1.2	U	25	1.2	ug/L
108-10-1	4-Methyl-2-Pentanone	8.8	U	120	8.8	ug/L
108-88-3	Toluene	0.80	U	25	0.80	ug/L
10061-02-6	t-1,3-Dichloropropene	1.6	U	25	1.6	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.4	U	25	1.4	ug/L
79-00-5	1,1,2-Trichloroethane	1.6	U	25	1.6	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW4DL**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-03DL**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013839.D	5	8/26/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	8.8	U	120	8.8	ug/L
124-48-1	Dibromochloromethane	1.2	U	25	1.2	ug/L
106-93-4	1,2-Dibromoethane	1.3	U	25	1.3	ug/L
127-18-4	Tetrachloroethene	4.8	U	25	4.8	ug/L
108-90-7	Chlorobenzene	1.4	U	25	1.4	ug/L
100-41-4	Ethyl Benzene	0.25	U	25	0.25	ug/L
126777-61-2	m/p-Xylenes	2.4	U	50	2.4	ug/L
95-47-6	o-Xylene	0.80	U	25	0.80	ug/L
100-42-5	Styrene	0.95	U	25	0.95	ug/L
75-25-2	Bromoform	2.2	U	25	2.2	ug/L
98-82-8	Isopropylbenzene	1.8	U	25	1.8	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	25	1.8	ug/L
541-73-1	1,3-Dichlorobenzene	1.4	U	25	1.4	ug/L
106-46-7	1,4-Dichlorobenzene	1.1	U	25	1.1	ug/L
95-50-1	1,2-Dichlorobenzene	2.0	U	25	2.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2.9	U	25	2.9	ug/L
120-82-1	1,2,4-Trichlorobenzene	2.0	U	25	2.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.14	114 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	51.59	103 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	49.26	99 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	51.18	102 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1796336	9.68			
540-36-3	1,4-Difluorobenzene	2904096	10.30			
3114-55-4	Chlorobenzene-d5	2799232	13.38			
3855-82-1	1,4-Dichlorobenzene-d4	1405701	15.80			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW5**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-04**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013794.D	1	8/22/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	8.9		5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	320		25	2.2	ug/L
75-15-0	Carbon disulfide	21		5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	4.8	J	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	39		5.0	0.57	ug/L
78-93-3	2-Butanone	150		25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	20		5.0	0.47	ug/L
71-43-2	Benzene	97		5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	0.16	U	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW5**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-04**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013794.D	1	8/22/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	15	J	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	0.47	U	10	0.47	ug/L
95-47-6	o-Xylene	0.16	U	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46	92 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	49.71	99 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	44.58	89 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	49.32	99 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2306062	9.66			
540-36-3	1,4-Difluorobenzene	3764749	10.28			
3114-55-4	Chlorobenzene-d5	3656703	13.36			
3855-82-1	1,4-Dichlorobenzene-d4	1845329	15.77			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW6**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-05**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013835.D	1	8/26/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	2.2	U	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	5.0	0.47	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	0.16	U	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW6**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-05**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013835.D	1	8/26/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	0.47	U	10	0.47	ug/L
95-47-6	o-Xylene	0.16	U	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.62	109 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	51.61	103 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	50.2	100 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	50.86	102 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1674859	9.68			
540-36-3	1,4-Difluorobenzene	2737009	10.30			
3114-55-4	Chlorobenzene-d5	2620687	13.38			
3855-82-1	1,4-Dichlorobenzene-d4	1207220	15.81			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW7**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-06**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013836.D	1	8/26/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	2.2	U	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	170	E	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	190	E	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	130	E	5.0	0.47	ug/L
71-43-2	Benzene	440	E	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	620	E	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW7**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-06**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013836.D	1	8/26/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	12000	E	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	1300	E	10	0.47	ug/L
95-47-6	o-Xylene	7300	E	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	5800	E	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.47	117 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	52.94	106 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	48.28	97 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	49.08	98 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1649647	9.68			
540-36-3	1,4-Difluorobenzene	2654938	10.30			
3114-55-4	Chlorobenzene-d5	210371	13.34			
3855-82-1	1,4-Dichlorobenzene-d4	25921	15.75			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW7DL**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-06DL**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013842.D	10	8/26/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	8.8	U	50	8.8	ug/L
74-87-3	Chloromethane	3.7	U	50	3.7	ug/L
75-01-4	Vinyl chloride	3.0	U	50	3.0	ug/L
74-83-9	Bromomethane	14	U	50	14	ug/L
75-00-3	Chloroethane	8.0	U	50	8.0	ug/L
75-69-4	Trichlorofluoromethane	5.3	U	50	5.3	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	6.1	U	50	6.1	ug/L
75-35-4	1,1-Dichloroethene	6.7	U	50	6.7	ug/L
67-64-1	Acetone	22	U	250	22	ug/L
75-15-0	Carbon disulfide	2.0	U	50	2.0	ug/L
1634-04-4	Methyl tert-butyl Ether	170	D	50	2.3	ug/L
79-20-9	Methyl Acetate	4.5	U	50	4.5	ug/L
75-09-2	Methylene Chloride	3.8	U	50	3.8	ug/L
156-60-5	trans-1,2-Dichloroethene	4.4	U	50	4.4	ug/L
75-34-3	1,1-Dichloroethane	6.7	U	50	6.7	ug/L
110-82-7	Cyclohexane	180	D	50	5.7	ug/L
78-93-3	2-Butanone	19	U	250	19	ug/L
56-23-5	Carbon Tetrachloride	2.7	U	50	2.7	ug/L
156-59-2	cis-1,2-Dichloroethene	7.2	U	50	7.2	ug/L
67-66-3	Chloroform	4.5	U	50	4.5	ug/L
71-55-6	1,1,1-Trichloroethane	3.9	U	50	3.9	ug/L
108-87-2	Methylcyclohexane	130	D	50	4.7	ug/L
71-43-2	Benzene	650	D	50	3.5	ug/L
107-06-2	1,2-Dichloroethane	4.1	U	50	4.1	ug/L
79-01-6	Trichloroethene	3.4	U	50	3.4	ug/L
78-87-5	1,2-Dichloropropane	4.6	U	50	4.6	ug/L
75-27-4	Bromodichloromethane	2.3	U	50	2.3	ug/L
108-10-1	4-Methyl-2-Pentanone	18	U	250	18	ug/L
108-88-3	Toluene	760	D	50	1.6	ug/L
10061-02-6	t-1,3-Dichloropropene	3.1	U	50	3.1	ug/L
10061-01-5	cis-1,3-Dichloropropene	2.9	U	50	2.9	ug/L
79-00-5	1,1,2-Trichloroethane	3.2	U	50	3.2	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW7DL**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-06DL**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013842.D	10	8/26/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	18	U	250	18	ug/L
124-48-1	Dibromochloromethane	2.3	U	50	2.3	ug/L
106-93-4	1,2-Dibromoethane	2.6	U	50	2.6	ug/L
127-18-4	Tetrachloroethene	9.7	U	50	9.7	ug/L
108-90-7	Chlorobenzene	2.8	U	50	2.8	ug/L
100-41-4	Ethyl Benzene	1500	ED	50	0.50	ug/L
126777-61-2	m/p-Xylenes	7200	ED	100	4.7	ug/L
95-47-6	o-Xylene	1600	ED	50	1.6	ug/L
100-42-5	Styrene	1.9	U	50	1.9	ug/L
75-25-2	Bromoform	4.4	U	50	4.4	ug/L
98-82-8	Isopropylbenzene	120	D	50	3.7	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	3.7	U	50	3.7	ug/L
541-73-1	1,3-Dichlorobenzene	2.8	U	50	2.8	ug/L
106-46-7	1,4-Dichlorobenzene	2.2	U	50	2.2	ug/L
95-50-1	1,2-Dichlorobenzene	4.0	U	50	4.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.8	U	50	5.8	ug/L
120-82-1	1,2,4-Trichlorobenzene	3.9	U	50	3.9	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.01	116 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	51.53	103 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	49.87	100 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	51.72	103 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1798545	9.68			
540-36-3	1,4-Difluorobenzene	2968994	10.30			
3114-55-4	Chlorobenzene-d5	2758307	13.38			
3855-82-1	1,4-Dichlorobenzene-d4	1440577	15.80			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW7DL2**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-06DL2**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013843.D	100	8/27/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	88	U	500	88	ug/L
74-87-3	Chloromethane	37	U	500	37	ug/L
75-01-4	Vinyl chloride	30	U	500	30	ug/L
74-83-9	Bromomethane	140	U	500	140	ug/L
75-00-3	Chloroethane	80	U	500	80	ug/L
75-69-4	Trichlorofluoromethane	53	U	500	53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	61	U	500	61	ug/L
75-35-4	1,1-Dichloroethene	67	U	500	67	ug/L
67-64-1	Acetone	220	U	2500	220	ug/L
75-15-0	Carbon disulfide	20	U	500	20	ug/L
1634-04-4	Methyl tert-butyl Ether	23	U	500	23	ug/L
79-20-9	Methyl Acetate	45	U	500	45	ug/L
75-09-2	Methylene Chloride	38	U	500	38	ug/L
156-60-5	trans-1,2-Dichloroethene	44	U	500	44	ug/L
75-34-3	1,1-Dichloroethane	67	U	500	67	ug/L
110-82-7	Cyclohexane	57	U	500	57	ug/L
78-93-3	2-Butanone	190	U	2500	190	ug/L
56-23-5	Carbon Tetrachloride	27	U	500	27	ug/L
156-59-2	cis-1,2-Dichloroethene	72	U	500	72	ug/L
67-66-3	Chloroform	45	U	500	45	ug/L
71-55-6	1,1,1-Trichloroethane	39	U	500	39	ug/L
108-87-2	Methylcyclohexane	47	U	500	47	ug/L
71-43-2	Benzene	680	D	500	35	ug/L
107-06-2	1,2-Dichloroethane	41	U	500	41	ug/L
79-01-6	Trichloroethene	34	U	500	34	ug/L
78-87-5	1,2-Dichloropropane	46	U	500	46	ug/L
75-27-4	Bromodichloromethane	23	U	500	23	ug/L
108-10-1	4-Methyl-2-Pentanone	180	U	2500	180	ug/L
108-88-3	Toluene	800	D	500	16	ug/L
10061-02-6	t-1,3-Dichloropropene	31	U	500	31	ug/L
10061-01-5	cis-1,3-Dichloropropene	29	U	500	29	ug/L
79-00-5	1,1,2-Trichloroethane	32	U	500	32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW7DL2**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-06DL2**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013843.D	100	8/27/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	180	U	2500	180	ug/L
124-48-1	Dibromochloromethane	23	U	500	23	ug/L
106-93-4	1,2-Dibromoethane	26	U	500	26	ug/L
127-18-4	Tetrachloroethene	97	U	500	97	ug/L
108-90-7	Chlorobenzene	28	U	500	28	ug/L
100-41-4	Ethyl Benzene	1700	D	500	5.0	ug/L
126777-61-2	m/p-Xylenes	8800	D	1000	47	ug/L
95-47-6	o-Xylene	1800	D	500	16	ug/L
100-42-5	Styrene	19	U	500	19	ug/L
75-25-2	Bromoform	44	U	500	44	ug/L
98-82-8	Isopropylbenzene	37	U	500	37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	37	U	500	37	ug/L
541-73-1	1,3-Dichlorobenzene	28	U	500	28	ug/L
106-46-7	1,4-Dichlorobenzene	22	U	500	22	ug/L
95-50-1	1,2-Dichlorobenzene	40	U	500	40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	58	U	500	58	ug/L
120-82-1	1,2,4-Trichlorobenzene	39	U	500	39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.2	112 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	52.53	105 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	49.6	99 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	52.13	104 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1899066	9.68			
540-36-3	1,4-Difluorobenzene	3022938	10.31			
3114-55-4	Chlorobenzene-d5	2894698	13.38			
3855-82-1	1,4-Dichlorobenzene-d4	1480225	15.80			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW8**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-07**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013837.D	1	8/26/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	2.2	U	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	4.6	J	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	5.0	0.47	ug/L
71-43-2	Benzene	11		5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	89		5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW8**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-07**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013837.D	1	8/26/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	8.0		5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	160		10	0.47	ug/L
95-47-6	o-Xylene	77		5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.81	110 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	51.93	104 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	48.89	98 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	50.85	102 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1909973	9.68			
540-36-3	1,4-Difluorobenzene	2967910	10.30			
3114-55-4	Chlorobenzene-d5	2875925	13.38			
3855-82-1	1,4-Dichlorobenzene-d4	1490938	15.80			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW9**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-08**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013838.D	1	8/26/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	2.2	U	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	5.0	0.47	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	0.16	U	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**8/15/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**8/19/2008**
Client Sample ID:	**MW9**	**SDG No.:**	**Z4158**
Lab Sample ID:	**Z4158-08**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF013838.D	1	8/26/2008	VF082208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	3.3	J	10	0.47	ug/L
95-47-6	o-Xylene	0.16	U	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.96	110 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	52.81	106 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	49.31	99 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	50.84	102 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1884091	9.68			
540-36-3	1,4-Difluorobenzene	2929589	10.30			
3114-55-4	Chlorobenzene-d5	2864050	13.38			
3855-82-1	1,4-Dichlorobenzene-d4	1444941	15.80			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

Summary Sheet
SW-846

SDG No.: Z4158 **Order ID:** Z4158

Client: Environmental Business Consultants **Project ID:** ENVI49

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**MW-1**							
Z4158-02	MW-1	WATER	Carbon disulfide	3.9	J	5.0	0.20	ug/L
Z4158-02	MW-1	WATER	Methyl tert-butyl Ether	150	E	5.0	0.23	ug/L
Z4158-02	MW-1	WATER	Cyclohexane	110	E	5.0	0.57	ug/L
Z4158-02	MW-1	WATER	Methylcyclohexane	85		5.0	0.47	ug/L
Z4158-02	MW-1	WATER	Benzene	47		5.0	0.35	ug/L
Z4158-02	MW-1	WATER	Toluene	6.0		5.0	0.16	ug/L
Z4158-02	MW-1	WATER	Ethyl Benzene	940	E	5.0	0.05	ug/L
Z4158-02	MW-1	WATER	m/p-Xylenes	940	E	10	0.47	ug/L
Z4158-02	MW-1	WATER	o-Xylene	420	E	5.0	0.16	ug/L
Z4158-02	MW-1	WATER	Isopropylbenzene	45		5.0	0.37	ug/L
			Total VOC's:	**2746.90**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**2746.90**				
Client ID:	**MW-1DL**							
Z4158-02DL	MW-1DL	WATER	Methyl tert-butyl Ether	170	D	100	4.6	ug/L
Z4158-02DL	MW-1DL	WATER	Cyclohexane	130	D	100	11	ug/L
Z4158-02DL	MW-1DL	WATER	Methylcyclohexane	110	D	100	9.4	ug/L
Z4158-02DL	MW-1DL	WATER	Ethyl Benzene	430	D	100	1.0	ug/L
Z4158-02DL	MW-1DL	WATER	m/p-Xylenes	460	D	200	9.4	ug/L
Z4158-02DL	MW-1DL	WATER	o-Xylene	96	JD	100	3.2	ug/L
			Total VOC's:	**1396.00**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**1396.00**				
Client ID:	**MW-3**							
Z4158-01	MW-3	WATER	Cyclohexane	33		5.0	0.57	ug/L
Z4158-01	MW-3	WATER	Methylcyclohexane	22		5.0	0.47	ug/L
Z4158-01	MW-3	WATER	Benzene	5.8		5.0	0.35	ug/L
Z4158-01	MW-3	WATER	Toluene	3.0	J	5.0	0.16	ug/L
Z4158-01	MW-3	WATER	Ethyl Benzene	45		5.0	0.05	ug/L
Z4158-01	MW-3	WATER	m/p-Xylenes	170		10	0.47	ug/L
Z4158-01	MW-3	WATER	o-Xylene	36		5.0	0.16	ug/L
Z4158-01	MW-3	WATER	Isopropylbenzene	10		5.0	0.37	ug/L
			Total VOC's:	**324.80**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**324.80**				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Summary Sheet
SW-846

SDG No.: Z4158 **Order ID:** Z4158

Client: Environmental Business Consultants **Project ID:** ENVI49

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**MW4**							
Z4158-03	MW4	WATER	Chloromethane	120	E	5.0	0.37	ug/L
Z4158-03	MW4	WATER	Bromomethane	6.0		5.0	1.4	ug/L
Z4158-03	MW4	WATER	Acetone	27		25	2.2	ug/L
Z4158-03	MW4	WATER	Carbon disulfide	8.2		5.0	0.20	ug/L
Z4158-03	MW4	WATER	Methylene Chloride	11		5.0	0.38	ug/L
Z4158-03	MW4	WATER	Benzene	9.2		5.0	0.35	ug/L
			Total VOC's:	**181.40**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**181.40**				
Client ID:	**MW4DL**							
Z4158-03DL	MW4DL	WATER	Chloromethane	170	D	25	1.8	ug/L
			Total VOC's:	**170.00**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**170.00**				
Client ID:	**MW5**							
Z4158-04	MW5	WATER	Chloromethane	8.9		5.0	0.37	ug/L
Z4158-04	MW5	WATER	Acetone	320		25	2.2	ug/L
Z4158-04	MW5	WATER	Carbon disulfide	21		5.0	0.20	ug/L
Z4158-04	MW5	WATER	Methyl tert-butyl Ether	4.8	J	5.0	0.23	ug/L
Z4158-04	MW5	WATER	Cyclohexane	39		5.0	0.57	ug/L
Z4158-04	MW5	WATER	2-Butanone	150		25	1.9	ug/L
Z4158-04	MW5	WATER	Methylcyclohexane	20		5.0	0.47	ug/L
Z4158-04	MW5	WATER	Benzene	97		5.0	0.35	ug/L
Z4158-04	MW5	WATER	2-Hexanone	15	J	25	1.8	ug/L
			Total VOC's:	**675.70**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**675.70**				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Summary Sheet
SW-846

SDG No.: Z4158 **Order ID:** Z4158

Client: Environmental Business Consultants **Project ID:** ENVI49

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**MW7**							
Z4158-06	MW7	WATER	Methyl tert-butyl Ether	170	E	5.0	0.23	ug/L
Z4158-06	MW7	WATER	Cyclohexane	190	E	5.0	0.57	ug/L
Z4158-06	MW7	WATER	Methylcyclohexane	130	E	5.0	0.47	ug/L
Z4158-06	MW7	WATER	Benzene	440	E	5.0	0.35	ug/L
Z4158-06	MW7	WATER	Toluene	620	E	5.0	0.16	ug/L
Z4158-06	MW7	WATER	Ethyl Benzene	12000	E	5.0	0.05	ug/L
Z4158-06	MW7	WATER	m/p-Xylenes	1300	E	10	0.47	ug/L
Z4158-06	MW7	WATER	o-Xylene	7300	E	5.0	0.16	ug/L
Z4158-06	MW7	WATER	Isopropylbenzene	5800	E	5.0	0.37	ug/L
			Total VOC's:	**27950.00**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**27950.00**				
Client ID:	**MW7DL**							
Z4158-06DL	MW7DL	WATER	Methyl tert-butyl Ether	170	D	50	2.3	ug/L
Z4158-06DL	MW7DL	WATER	Cyclohexane	180	D	50	5.7	ug/L
Z4158-06DL	MW7DL	WATER	Methylcyclohexane	130	D	50	4.7	ug/L
Z4158-06DL	MW7DL	WATER	Benzene	650	D	50	3.5	ug/L
Z4158-06DL	MW7DL	WATER	Toluene	760	D	50	1.6	ug/L
Z4158-06DL	MW7DL	WATER	Ethyl Benzene	1500	ED	50	0.50	ug/L
Z4158-06DL	MW7DL	WATER	m/p-Xylenes	7200	ED	100	4.7	ug/L
Z4158-06DL	MW7DL	WATER	o-Xylene	1600	ED	50	1.6	ug/L
Z4158-06DL	MW7DL	WATER	Isopropylbenzene	120	D	50	3.7	ug/L
			Total VOC's:	**12310.00**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**12310.00**				
Client ID:	**MW7DL2**							
Z4158-06DL2	MW7DL2	WATER	Benzene	680	D	500	35	ug/L
Z4158-06DL2	MW7DL2	WATER	Toluene	800	D	500	16	ug/L
Z4158-06DL2	MW7DL2	WATER	Ethyl Benzene	1700	D	500	5.0	ug/L
Z4158-06DL2	MW7DL2	WATER	m/p-Xylenes	8800	D	1000	47	ug/L
Z4158-06DL2	MW7DL2	WATER	o-Xylene	1800	D	500	16	ug/L
			Total VOC's:	**13780.00**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**13780.00**				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Summary Sheet
SW-846

SDG No.: **Z4158** **Order ID:** **Z4158**

Client: **Environmental Business Consultants** **Project ID:** **ENVI49**

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**MW8**							
Z4158-07	MW8	WATER	Cyclohexane	4.6	J	5.0	0.57	ug/L
Z4158-07	MW8	WATER	Benzene	11		5.0	0.35	ug/L
Z4158-07	MW8	WATER	Toluene	89		5.0	0.16	ug/L
Z4158-07	MW8	WATER	Ethyl Benzene	8.0		5.0	0.05	ug/L
Z4158-07	MW8	WATER	m/p-Xylenes	160		10	0.47	ug/L
Z4158-07	MW8	WATER	o-Xylene	77		5.0	0.16	ug/L
			Total VOC's:	**349.60**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**349.60**				
Client ID:	**MW9**							
Z4158-08	MW9	WATER	m/p-Xylenes	3.3	J	10	0.47	ug/L
			Total VOC's:	**3.30**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**3.30**				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey - 07092
Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

Order ID:	Z4158	**Order Date:**	8/19/2008
Client :	Environmental Business Consultants	**Project:**	3035 White Plains Road
Contact :	Charles B.Sosik P.G.	**Location :**	VOA Ref. #3 Water

Lab ID	Client ID	Matrix	Test	Method	Sample Date	PrepDate	AnalDate	Received
Z4158-01	**MW-3**	**WATER**			**08/07/08**			**08/12/08**
			VOC-TCL	8260			08/19/08	
Z4158-02	**MW-1**	**WATER**			**08/15/08**			**08/19/08**
			VOC-TCL	8260			08/22/08	
Z4158-02DL	**MW-1DL**	**WATER**			**08/15/08**			**08/19/08**
			VOC-TCL	8260			08/26/08	
Z4158-03	**MW4**	**WATER**			**08/15/08**			**08/19/08**
			VOC-TCL	8260			08/22/08	
Z4158-03DL	**MW4DL**	**WATER**			**08/15/08**			**08/19/08**
			VOC-TCL	8260			08/26/08	
Z4158-04	**MW5**	**WATER**			**08/15/08**			**08/19/08**
			VOC-TCL	8260			08/22/08	
Z4158-05	**MW6**	**WATER**			**08/15/08**			**08/19/08**
			VOC-TCL	8260			08/26/08	
Z4158-06	**MW7**	**WATER**			**08/15/08**			**08/19/08**
			VOC-TCL	8260			08/26/08	
Z4158-06DL	**MW7DL**	**WATER**			**08/15/08**			**08/19/08**
			VOC-TCL	8260			08/26/08	
Z4158-06DL2	**MW7DL2**	**WATER**			**08/15/08**			**08/19/08**
			VOC-TCL	8260			08/27/08	
Z4158-07	**MW8**	**WATER**			**08/15/08**			**08/19/08**

LAB CHRONICLE

		VOC-TCL	8260		08/26/08
Z4158-08	**MW9**	**WATER**		**08/15/08**	**08/19/08**
		VOC-TCL	8260		08/26/08

CHEMTECH
284 Sheffield Street, Mountainside NJ 07092
Tel: 908-789-8900 Fax 908-789-8922

COVER PAGE

ProjectID: 3035 White Plains Road

OrderID: Z4854

CustomerName: Environmental Business Consultants

LAB SAMPLE NO.	CLIENT SAMPLE NO
Z4854-01	IRMW-1
Z4854-03	IRMW-3
Z4854-04	IRMW-4
Z4854-05	IRMW-5
Z4854-07	IRMW-8
Z4854-08	IRMW-9

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature:_____Name: _____

Date:_____ Title:_____

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number

COC Number 24854

CLIENT INFORMATION

Report to be sent to

COMPANY: Environmental Business Consultants
ADDRESS: 1808 Middle Country Rd
CITY: Ridge STATE: NY ZIP: 11961
ATTENTION: Charles Sosik
PHONE: 631 504 6000 FAX: 631 924 2870

PROJECT INFORMATION

PROJECT NAME: 3035 White Plains Rd, Bronx
PROJECT #: LOCATION:
PROJECT MANAGER: Charles Sosik
E-MAIL: CSOSIK2@optonline.net
PHONE: 631 504 6000 FAX: 631 924 2870

BILLING INFORMATION

BILL TO: Environmental PO#
ADDRESS: 1808 Middle Country Rd
CITY: Ridge STATE: NY ZIP: 11961
ATTENTION: Charles Sosik
PHONE: 631 504 6000

DATA TURNAROUND INFORMATION

FAX: _____ DAYS*
HARD COPY: STAT DAYS*
EDD STAT DAYS* 10/7 WOB
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY
- ☐ RESULTS * QC
- ☐ New Jersey REDUCED
- ✈ New Jersey CLP
- ☐ EDD FORMAT _____
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other _____

ANALYSIS

1 VOCs 8260 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	1RMW1	GROUNDWATER		X	10/3	900	2	X									E A
2.	☆ 1RMW2					915											(2) Broken Vials
3.	1RMW3					930											
4.	1RMW4					945											
5.	1RMW5					1000											
6.	☆ 1RMW6					1015											(1) Broken Vial
7.	1RMW8					1030											
8.	1RMW9					1045											
9.																	
10.																	

<-- Specify Preservatives
A-HCl B-HNO4
C-H2SO13 D-NaOH
E-ICE F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	10/6/08 1000	1. FEDEX COOLER
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3. FED EX	10-7-08 9:30	3. A Trieste

Conditions of bottles or coolers at receipt: ✈ COMPLIANT ✈ NON COMPLIANT ✈ COOLER TEMP _____
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments:

Page 1 of 1

CLIENT: ✈ Hand Delivered ✈ Overnight
CHEMTECH: ✈ Picked Up ✈

Shipment Complete ☐ YES ✈ NO

10/16/2004

WHITE - CHEMTECH COPYFOR RETURN TO CLIENT **YELLOW** - CHEMTECH COPY **PINK** - SAMPLER COPY

#

2

24854

fedex.com 1800 GoFedEx 1800 463 3339

FedEx Express **US Airbill** 8640 7265 1157 0200 Form ID No. **FedEx Retrieval Copy**

1 From

Date 10/1/08 Sender's FedEx Account Number 365463000

Sender's Name [illegible] Phone [illegible]

Company [illegible]

Address [illegible] Dept/Floor/Suite/Room

City [illegible] State NY ZIP 11791

2 Your Internal Billing Reference

3 To

Recipient's Name [illegible] Phone [illegible]

Company [illegible]

Recipient's Address 239 Schlobohm Street

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept/Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City Shirley State NJ ZIP 7092

8640 7265 1157

AT 10-7-08 9:30

4a Express Package Service *Packages up to 150 lbs.*

1 ☐ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

5 ☐ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

6 ☐ FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.

3 ☐ FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

20 ☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

7 ☐ FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

8 ☐ FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

83 ☐ FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation. ** To most locations.

5 Packaging

6 ☐ FedEx Envelope* 2 ☐ FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak. 3 ☐ FedEx Box 4 ☐ FedEx Tube 1 ☑ Other

* Declared value limit $500

6 Special Handling — Include FedEx address in Section 3.

3 ☐ SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.

1 ☐ HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.

31 ☐ HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

☐ No 4 ☐ Yes — As per attached Shipper's Declaration. ☐ Yes — Shipper's Declaration not required. 6 ☐ Dry Ice — Dry ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. ☐ Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. ☐

1 ☑ Sender — Acct. No. in Section 1 will be billed. 2 ☐ Recipient 3 ☐ Third Party 4 ☐ Credit Card 5 ☐ Cash/Check

[illegible] 36 [illegible]

Total Packages [illegible] Total Weight 10 [illegible]

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details. Credit Card Auth

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

☐ No Signature Required — Package may be left without obtaining a signature for delivery.

10 ☐ Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*

34 ☐ Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

520

Rev. Date 10/06 • Part #158261 • ©1994–2006 FedEx • PRINTED IN U.S.A. SRY

fedex.com 1800 GoFedEx 1800 463 3339

MARIA LUISA CRUZ

Z 4854

From: Kevin Brussee [kevinbrussee@hotmail.com]
Sent: October 08, 2008 09:37
To: Charles Sosik; MARIA LUISA CRUZ
Subject: RE: Broken vials (Project Name : 3035 White Plains Road, Bronx)

Please analyze all wells for the listed compounds except for IRM-W2 and IRM-W6. These two samples can be discarded. I have resampled these two monitoring wells and the samples have been overnighted via FedEx to your facility (you should receive them tomorrow [Oct 9]).

Kevin Brussee
Project Manager

EBC
Environmental Business Consultants
Ph: 631.504.6000
Fax: 631.924.2870
Cell: 631.357.4927
csosik2@optonline.net

From: MARIA LUISA CRUZ [mailto:L.CRUZ@chemtech.net]
Sent: Tuesday, October 07, 2008 10:07 AM
To: csosik2@optonline.net
Cc: Christopher Greb
Subject: Broken vials (Project Name : 3035 White Plains Road, Bronx)

Charles,

Per our phone conversation, samples received via Fedex today, (2) vials are broken on Field ID IRMW2 and (1) vial on IRMW6. Please let me know as soon as possible so we can process your samples.

Thanks,
Luisa Cruz

Chemtech
284 Sheffield Street
Mountainside, NJ 07092
Phone: (908) 789 8900 ext. 107
Fax: (908) 789 8514
www.chemtech.net

Z 48541

MARIA LUISA CRUZ

From: Charles Sosik [csosik2@optonline.net]
Sent: October 07, 2008 13:22
To: MARIA LUISA CRUZ
Subject: RE: Broken vials (Project Name : 3035 White Plains Road, Bronx)

Luisa,
We will be sending replacement vials for the broken samples tomorrow. Please proceed with the analysis of the others.

Charles B. Sosik, P.G.
Principal
EBC
Environmental Business Consultants
Ph: 631.504.6000
Fax: 631.924.2870
Cell: 631.357.4927
csosik2@optonline.net

From: MARIA LUISA CRUZ [mailto:L.CRUZ@chemtech.net]
Sent: Tuesday, October 07, 2008 10:07 AM
To: csosik2@optonline.net
Cc: Christopher Greb
Subject: Broken vials (Project Name : 3035 White Plains Road, Bronx)

Charles,

Per our phone conversation, samples received via Fedex today, (2) vials are broken on Field ID IRMW2 and (1) vial on IRMW6. Please let me know as soon as possible so we can process your samples.

Thanks,
Luisa Cruz

Chemtech
284 Sheffield Street
Mountainside, NJ 07092
Phone: (908) 789 8900 ext. 107
Fax: (908) 789 8514
www.chemtech.net
==========

CHEMTECH 284 Sheffield Street Mountainside NJ 07092 Tel. 908-789-8900

Laboratory Certification

State	License No.
New Jersey	20012
New York	11376
Connecticut	PH-0649
Maryland	296
Massachusetts	M-NJ503
Maine	NJ0503
Oklahoma	9705
Pennsylvania	68-548
Rhode Island	LAO00259

QA Control Code: A2070148

CHEMTECH

284 Sheffield Street Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #:_____**Z4854**_____

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication, airbill, sample management lab chronicle, login page)	___✓___
Check chain-of-custody for proper relinquish/return of samples	____✓__
Is the chain of custody signed and complete	___✓___
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	_____✓___
Collect information for each project id from server. Were all requirements followed	_____✓_____
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody and on login page	_____✓____
Do lab numbers and client Ids on cover page agree with the Chain of Custody	_____✓____
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	____✓___
Do requested analyses on Chain of Custody agree with the log-in page	____✓____
Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody	____✓____
Were the samples received within hold time	_____✓___
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	____✓____
ANALYTICAL:	
Was method requirement followed?	____✓____
Was client requirement followed?	____✓____
Does the case narrative summarize all QC failure?	____✓____
All runlogs reviewed for manual integration requirements	_____

1st Level QA Review Signature:___VANI MEHTA_____
Date:_10/21/08_____

2nd Level QA Review Signature:_____ Date:_____

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/3/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/7/2008**
Client Sample ID:	**IRMW-1**	**SDG No.:**	**Z4854**
Lab Sample ID:	**Z4854-01**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG015245.D	1	10/8/2008	VG093008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.6	J	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	24	J	25	2.2	ug/L
75-15-0	Carbon disulfide	1.2	J	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	82		5.0	0.23	ug/L
79-20-9	Methyl Acetate	10		5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	42		5.0	0.57	ug/L
78-93-3	2-Butanone	22	J	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	91		5.0	0.47	ug/L
71-43-2	Benzene	13		5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	6.4	J	25	1.8	ug/L
108-88-3	Toluene	4.0	J	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/3/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/7/2008**
Client Sample ID:	**IRMW-1**	**SDG No.:**	**Z4854**
Lab Sample ID:	**Z4854-01**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG015245.D	1	10/8/2008	VG093008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	2.7	J	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	220	E	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	120		10	0.47	ug/L
95-47-6	o-Xylene	27		5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	37		5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.33	105 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	53.96	108 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	48.81	98 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	54.49	109 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	362068	3.71			
540-36-3	1,4-Difluorobenzene	395109	4.48			
3114-55-4	Chlorobenzene-d5	339967	9.46			
3855-82-1	1,4-Dichlorobenzene-d4	194259	13.19			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/3/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/7/2008**
Client Sample ID:	**IRMW-1DL**	**SDG No.:**	**Z4854**
Lab Sample ID:	**Z4854-01DL**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG015288.D	20	10/9/2008	VG093008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18	U	100	18	ug/L
74-87-3	Chloromethane	7.4	U	100	7.4	ug/L
75-01-4	Vinyl chloride	6.0	U	100	6.0	ug/L
74-83-9	Bromomethane	27	U	100	27	ug/L
75-00-3	Chloroethane	16	U	100	16	ug/L
75-69-4	Trichlorofluoromethane	11	U	100	11	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	12	U	100	12	ug/L
75-35-4	1,1-Dichloroethene	13	U	100	13	ug/L
67-64-1	Acetone	43	U	500	43	ug/L
75-15-0	Carbon disulfide	4.0	U	100	4.0	ug/L
1634-04-4	Methyl tert-butyl Ether	80	JD	100	4.6	ug/L
79-20-9	Methyl Acetate	100	D	100	9.0	ug/L
75-09-2	Methylene Chloride	7.6	U	100	7.6	ug/L
156-60-5	trans-1,2-Dichloroethene	8.8	U	100	8.8	ug/L
75-34-3	1,1-Dichloroethane	13	U	100	13	ug/L
110-82-7	Cyclohexane	74	JD	100	11	ug/L
78-93-3	2-Butanone	39	U	500	39	ug/L
56-23-5	Carbon Tetrachloride	5.4	U	100	5.4	ug/L
156-59-2	cis-1,2-Dichloroethene	14	U	100	14	ug/L
67-66-3	Chloroform	9.0	U	100	9.0	ug/L
71-55-6	1,1,1-Trichloroethane	7.8	U	100	7.8	ug/L
108-87-2	Methylcyclohexane	190	D	100	9.4	ug/L
71-43-2	Benzene	7.0	U	100	7.0	ug/L
107-06-2	1,2-Dichloroethane	8.2	U	100	8.2	ug/L
79-01-6	Trichloroethene	6.8	U	100	6.8	ug/L
78-87-5	1,2-Dichloropropane	9.2	U	100	9.2	ug/L
75-27-4	Bromodichloromethane	4.6	U	100	4.6	ug/L
108-10-1	4-Methyl-2-Pentanone	35	U	500	35	ug/L
108-88-3	Toluene	3.2	U	100	3.2	ug/L
10061-02-6	t-1,3-Dichloropropene	6.2	U	100	6.2	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.8	U	100	5.8	ug/L
79-00-5	1,1,2-Trichloroethane	6.4	U	100	6.4	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/3/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/7/2008**
Client Sample ID:	**IRMW-1DL**	**SDG No.:**	**Z4854**
Lab Sample ID:	**Z4854-01DL**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG015288.D	20	10/9/2008	VG093008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	35	U	500	35	ug/L
124-48-1	Dibromochloromethane	4.6	U	100	4.6	ug/L
106-93-4	1,2-Dibromoethane	5.2	U	100	5.2	ug/L
127-18-4	Tetrachloroethene	19	U	100	19	ug/L
108-90-7	Chlorobenzene	5.6	U	100	5.6	ug/L
100-41-4	Ethyl Benzene	240	D	100	1.0	ug/L
126777-61-2	m/p-Xylenes	110	JD	200	9.4	ug/L
95-47-6	o-Xylene	31	JD	100	3.2	ug/L
100-42-5	Styrene	3.8	U	100	3.8	ug/L
75-25-2	Bromoform	8.8	U	100	8.8	ug/L
98-82-8	Isopropylbenzene	43	JD	100	7.4	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	7.4	U	100	7.4	ug/L
541-73-1	1,3-Dichlorobenzene	5.6	U	100	5.6	ug/L
106-46-7	1,4-Dichlorobenzene	4.4	U	100	4.4	ug/L
95-50-1	1,2-Dichlorobenzene	8.0	U	100	8.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	12	U	100	12	ug/L
120-82-1	1,2,4-Trichlorobenzene	7.8	U	100	7.8	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.6	97 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	51.6	103 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	47.13	94 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	51.66	103 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	500230	3.73			
540-36-3	1,4-Difluorobenzene	623798	4.49			
3114-55-4	Chlorobenzene-d5	549490	9.47			
3855-82-1	1,4-Dichlorobenzene-d4	305611	13.20			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/3/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/7/2008**
Client Sample ID:	**IRMW-3**	**SDG No.:**	**Z4854**
Lab Sample ID:	**Z4854-03**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG015246.D	1	10/8/2008	VG093008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	19	J	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	45		5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	5.0	0.57	ug/L
78-93-3	2-Butanone	18	J	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	43		5.0	0.47	ug/L
71-43-2	Benzene	23		5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	4.5	J	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/3/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/7/2008**
Client Sample ID:	**IRMW-3**	**SDG No.:**	**Z4854**
Lab Sample ID:	**Z4854-03**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG015246.D	1	10/8/2008	VG093008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	2.4	J	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	140	E	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	210	E	10	0.47	ug/L
95-47-6	o-Xylene	49		5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	37		5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.08	102 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	50.99	102 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	49.25	99 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	49.47	99 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	450911	3.72			
540-36-3	1,4-Difluorobenzene	535051	4.48			
3114-55-4	Chlorobenzene-d5	469047	9.46			
3855-82-1	1,4-Dichlorobenzene-d4	236734	13.20			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/3/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/7/2008**
Client Sample ID:	**IRMW-3DL**	**SDG No.:**	**Z4854**
Lab Sample ID:	**Z4854-03DL**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG015266.D	20	10/8/2008	VG093008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18	U	100	18	ug/L
74-87-3	Chloromethane	7.4	U	100	7.4	ug/L
75-01-4	Vinyl chloride	6.0	U	100	6.0	ug/L
74-83-9	Bromomethane	27	U	100	27	ug/L
75-00-3	Chloroethane	16	U	100	16	ug/L
75-69-4	Trichlorofluoromethane	11	U	100	11	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	12	U	100	12	ug/L
75-35-4	1,1-Dichloroethene	13	U	100	13	ug/L
67-64-1	Acetone	43	U	500	43	ug/L
75-15-0	Carbon disulfide	4.0	U	100	4.0	ug/L
1634-04-4	Methyl tert-butyl Ether	40	JD	100	4.6	ug/L
79-20-9	Methyl Acetate	9.0	U	100	9.0	ug/L
75-09-2	Methylene Chloride	7.6	U	100	7.6	ug/L
156-60-5	trans-1,2-Dichloroethene	8.8	U	100	8.8	ug/L
75-34-3	1,1-Dichloroethane	13	U	100	13	ug/L
110-82-7	Cyclohexane	11	U	100	11	ug/L
78-93-3	2-Butanone	39	U	500	39	ug/L
56-23-5	Carbon Tetrachloride	5.4	U	100	5.4	ug/L
156-59-2	cis-1,2-Dichloroethene	14	U	100	14	ug/L
67-66-3	Chloroform	9.0	U	100	9.0	ug/L
71-55-6	1,1,1-Trichloroethane	7.8	U	100	7.8	ug/L
108-87-2	Methylcyclohexane	30	JD	100	9.4	ug/L
71-43-2	Benzene	20	JD	100	7.0	ug/L
107-06-2	1,2-Dichloroethane	8.2	U	100	8.2	ug/L
79-01-6	Trichloroethene	6.8	U	100	6.8	ug/L
78-87-5	1,2-Dichloropropane	9.2	U	100	9.2	ug/L
75-27-4	Bromodichloromethane	4.6	U	100	4.6	ug/L
108-10-1	4-Methyl-2-Pentanone	35	U	500	35	ug/L
108-88-3	Toluene	3.2	U	100	3.2	ug/L
10061-02-6	t-1,3-Dichloropropene	6.2	U	100	6.2	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.8	U	100	5.8	ug/L
79-00-5	1,1,2-Trichloroethane	6.4	U	100	6.4	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/3/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/7/2008**
Client Sample ID:	**IRMW-3DL**	**SDG No.:**	**Z4854**
Lab Sample ID:	**Z4854-03DL**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG015266.D	20	10/8/2008	VG093008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	35	U	500	35	ug/L
124-48-1	Dibromochloromethane	4.6	U	100	4.6	ug/L
106-93-4	1,2-Dibromoethane	5.2	U	100	5.2	ug/L
127-18-4	Tetrachloroethene	19	U	100	19	ug/L
108-90-7	Chlorobenzene	5.6	U	100	5.6	ug/L
100-41-4	Ethyl Benzene	120	D	100	1.0	ug/L
126777-61-2	m/p-Xylenes	160	JD	200	9.4	ug/L
95-47-6	o-Xylene	40	JD	100	3.2	ug/L
100-42-5	Styrene	3.8	U	100	3.8	ug/L
75-25-2	Bromoform	8.8	U	100	8.8	ug/L
98-82-8	Isopropylbenzene	27	JD	100	7.4	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	7.4	U	100	7.4	ug/L
541-73-1	1,3-Dichlorobenzene	5.6	U	100	5.6	ug/L
106-46-7	1,4-Dichlorobenzene	4.4	U	100	4.4	ug/L
95-50-1	1,2-Dichlorobenzene	8.0	U	100	8.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	12	U	100	12	ug/L
120-82-1	1,2,4-Trichlorobenzene	7.8	U	100	7.8	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.83	98 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	52.12	104 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	48.85	98 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	53.19	106 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	500936	3.72			
540-36-3	1,4-Difluorobenzene	607306	4.48			
3114-55-4	Chlorobenzene-d5	561789	9.46			
3855-82-1	1,4-Dichlorobenzene-d4	314349	13.19			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/3/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/7/2008**
Client Sample ID:	**IRMW-4**	**SDG No.:**	**Z4854**
Lab Sample ID:	**Z4854-04**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG015247.D	1	10/8/2008	VG093008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	6.4	J	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	5.0	0.47	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	0.16	U	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/3/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/7/2008**
Client Sample ID:	**IRMW-4**	**SDG No.:**	**Z4854**
Lab Sample ID:	**Z4854-04**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG015247.D	1	10/8/2008	VG093008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	1.3	J	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	2.8	J	10	0.47	ug/L
95-47-6	o-Xylene	1.2	J	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.25	101 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	50.22	100 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	50.12	100 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	48.71	97 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	491237	3.71			
540-36-3	1,4-Difluorobenzene	606082	4.48			
3114-55-4	Chlorobenzene-d5	545143	9.46			
3855-82-1	1,4-Dichlorobenzene-d4	280747	13.20			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/3/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/7/2008**
Client Sample ID:	**IRMW-5**	**SDG No.:**	**Z4854**
Lab Sample ID:	**Z4854-05**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG015248.D	1	10/8/2008	VG093008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.4	J	5.0	0.88	ug/L
74-87-3	Chloromethane	7.6		5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	2.0	J	5.0	1.4	ug/L
75-00-3	Chloroethane	1.8	J	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	170		25	2.2	ug/L
75-15-0	Carbon disulfide	19		5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	3.8	J	5.0	0.23	ug/L
79-20-9	Methyl Acetate	18		5.0	0.45	ug/L
75-09-2	Methylene Chloride	10		5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	1.1	J	5.0	0.67	ug/L
110-82-7	Cyclohexane	36		5.0	0.57	ug/L
78-93-3	2-Butanone	78		25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	24		5.0	0.47	ug/L
71-43-2	Benzene	44		5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	5.2	J	25	1.8	ug/L
108-88-3	Toluene	330	E	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/3/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/7/2008**
Client Sample ID:	**IRMW-5**	**SDG No.:**	**Z4854**
Lab Sample ID:	**Z4854-05**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG015248.D	1	10/8/2008	VG093008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	11	J	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	230	E	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	950	E	10	0.47	ug/L
95-47-6	o-Xylene	390	E	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	23		5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.04	106 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	49.92	100 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	49.96	100 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	45.25	91 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	473511	3.72			
540-36-3	1,4-Difluorobenzene	600232	4.48			
3114-55-4	Chlorobenzene-d5	519290	9.47			
3855-82-1	1,4-Dichlorobenzene-d4	254867	13.19			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/3/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/7/2008**
Client Sample ID:	**IRMW-5DL**	**SDG No.:**	**Z4854**
Lab Sample ID:	**Z4854-05DL**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG015264.D	20	10/8/2008	VG093008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18	U	100	18	ug/L
74-87-3	Chloromethane	7.4	U	100	7.4	ug/L
75-01-4	Vinyl chloride	6.0	U	100	6.0	ug/L
74-83-9	Bromomethane	27	U	100	27	ug/L
75-00-3	Chloroethane	16	U	100	16	ug/L
75-69-4	Trichlorofluoromethane	11	U	100	11	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	12	U	100	12	ug/L
75-35-4	1,1-Dichloroethene	13	U	100	13	ug/L
67-64-1	Acetone	170	JD	500	43	ug/L
75-15-0	Carbon disulfide	4.0	U	100	4.0	ug/L
1634-04-4	Methyl tert-butyl Ether	4.6	U	100	4.6	ug/L
79-20-9	Methyl Acetate	9.0	U	100	9.0	ug/L
75-09-2	Methylene Chloride	7.6	U	100	7.6	ug/L
156-60-5	trans-1,2-Dichloroethene	8.8	U	100	8.8	ug/L
75-34-3	1,1-Dichloroethane	13	U	100	13	ug/L
110-82-7	Cyclohexane	49	JD	100	11	ug/L
78-93-3	2-Butanone	79	JD	500	39	ug/L
56-23-5	Carbon Tetrachloride	5.4	U	100	5.4	ug/L
156-59-2	cis-1,2-Dichloroethene	14	U	100	14	ug/L
67-66-3	Chloroform	9.0	U	100	9.0	ug/L
71-55-6	1,1,1-Trichloroethane	7.8	U	100	7.8	ug/L
108-87-2	Methylcyclohexane	35	JD	100	9.4	ug/L
71-43-2	Benzene	47	JD	100	7.0	ug/L
107-06-2	1,2-Dichloroethane	8.2	U	100	8.2	ug/L
79-01-6	Trichloroethene	6.8	U	100	6.8	ug/L
78-87-5	1,2-Dichloropropane	9.2	U	100	9.2	ug/L
75-27-4	Bromodichloromethane	4.6	U	100	4.6	ug/L
108-10-1	4-Methyl-2-Pentanone	35	U	500	35	ug/L
108-88-3	Toluene	390	D	100	3.2	ug/L
10061-02-6	t-1,3-Dichloropropene	6.2	U	100	6.2	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.8	U	100	5.8	ug/L
79-00-5	1,1,2-Trichloroethane	6.4	U	100	6.4	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/3/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/7/2008**
Client Sample ID:	**IRMW-5DL**	**SDG No.:**	**Z4854**
Lab Sample ID:	**Z4854-05DL**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG015264.D	20	10/8/2008	VG093008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	35	U	500	35	ug/L
124-48-1	Dibromochloromethane	4.6	U	100	4.6	ug/L
106-93-4	1,2-Dibromoethane	5.2	U	100	5.2	ug/L
127-18-4	Tetrachloroethene	19	U	100	19	ug/L
108-90-7	Chlorobenzene	5.6	U	100	5.6	ug/L
100-41-4	Ethyl Benzene	280	D	100	1.0	ug/L
126777-61-2	m/p-Xylenes	1200	D	200	9.4	ug/L
95-47-6	o-Xylene	500	D	100	3.2	ug/L
100-42-5	Styrene	3.8	U	100	3.8	ug/L
75-25-2	Bromoform	8.8	U	100	8.8	ug/L
98-82-8	Isopropylbenzene	22	JD	100	7.4	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	7.4	U	100	7.4	ug/L
541-73-1	1,3-Dichlorobenzene	5.6	U	100	5.6	ug/L
106-46-7	1,4-Dichlorobenzene	4.4	U	100	4.4	ug/L
95-50-1	1,2-Dichlorobenzene	8.0	U	100	8.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	12	U	100	12	ug/L
120-82-1	1,2,4-Trichlorobenzene	7.8	U	100	7.8	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.57	97 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	53.08	106 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	48.11	96 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	54.11	108 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	404708	3.72			
540-36-3	1,4-Difluorobenzene	495451	4.48			
3114-55-4	Chlorobenzene-d5	450564	9.46			
3855-82-1	1,4-Dichlorobenzene-d4	249919	13.20			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/3/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/7/2008**
Client Sample ID:	**IRMW-8**	**SDG No.:**	**Z4854**
Lab Sample ID:	**Z4854-07**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG015249.D	1	10/8/2008	VG093008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	70		25	2.2	ug/L
75-15-0	Carbon disulfide	3.4	J	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	48		5.0	0.57	ug/L
78-93-3	2-Butanone	31		25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	28		5.0	0.47	ug/L
71-43-2	Benzene	98		5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	1100	E	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/3/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/7/2008**
Client Sample ID:	**IRMW-8**	**SDG No.:**	**Z4854**
Lab Sample ID:	**Z4854-07**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG015249.D	1	10/8/2008	VG093008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	2.1	J	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	600	E	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	2200	E	10	0.47	ug/L
95-47-6	o-Xylene	900	E	5.0	0.16	ug/L
100-42-5	Styrene	2.3	J	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	41		5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.53	103 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	48.39	97 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	48.26	97 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	42.54	85 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	493447	3.72			
540-36-3	1,4-Difluorobenzene	636663	4.48			
3114-55-4	Chlorobenzene-d5	540693	9.47			
3855-82-1	1,4-Dichlorobenzene-d4	251478	13.20			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/3/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/7/2008**
Client Sample ID:	**IRMW-8DL**	**SDG No.:**	**Z4854**
Lab Sample ID:	**Z4854-07DL**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD020052.D	50	10/20/2008	VD101508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	44	U	250	44	ug/L
74-87-3	Chloromethane	18	U	250	18	ug/L
75-01-4	Vinyl chloride	15	U	250	15	ug/L
74-83-9	Bromomethane	68	U	250	68	ug/L
75-00-3	Chloroethane	40	U	250	40	ug/L
75-69-4	Trichlorofluoromethane	26	U	250	26	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	30	U	250	30	ug/L
75-35-4	1,1-Dichloroethene	34	U	250	34	ug/L
67-64-1	Acetone	110	U	1200	110	ug/L
75-15-0	Carbon disulfide	10	U	250	10	ug/L
1634-04-4	Methyl tert-butyl Ether	12	U	250	12	ug/L
79-20-9	Methyl Acetate	22	U	250	22	ug/L
75-09-2	Methylene Chloride	19	U	250	19	ug/L
156-60-5	trans-1,2-Dichloroethene	22	U	250	22	ug/L
75-34-3	1,1-Dichloroethane	34	U	250	34	ug/L
110-82-7	Cyclohexane	28	U	250	28	ug/L
78-93-3	2-Butanone	97	U	1200	97	ug/L
56-23-5	Carbon Tetrachloride	14	U	250	14	ug/L
156-59-2	cis-1,2-Dichloroethene	36	U	250	36	ug/L
67-66-3	Chloroform	22	U	250	22	ug/L
71-55-6	1,1,1-Trichloroethane	20	U	250	20	ug/L
108-87-2	Methylcyclohexane	24	U	250	24	ug/L
71-43-2	Benzene	94	JD	250	18	ug/L
107-06-2	1,2-Dichloroethane	20	U	250	20	ug/L
79-01-6	Trichloroethene	17	U	250	17	ug/L
78-87-5	1,2-Dichloropropane	23	U	250	23	ug/L
75-27-4	Bromodichloromethane	12	U	250	12	ug/L
108-10-1	4-Methyl-2-Pentanone	88	U	1200	88	ug/L
108-88-3	Toluene	1400	D	250	8.0	ug/L
10061-02-6	t-1,3-Dichloropropene	16	U	250	16	ug/L
10061-01-5	cis-1,3-Dichloropropene	14	U	250	14	ug/L
79-00-5	1,1,2-Trichloroethane	16	U	250	16	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/3/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/7/2008**
Client Sample ID:	**IRMW-8DL**	**SDG No.:**	**Z4854**
Lab Sample ID:	**Z4854-07DL**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD020052.D	50	10/20/2008	VD101508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	88	U	1200	88	ug/L
124-48-1	Dibromochloromethane	12	U	250	12	ug/L
106-93-4	1,2-Dibromoethane	13	U	250	13	ug/L
127-18-4	Tetrachloroethene	48	U	250	48	ug/L
108-90-7	Chlorobenzene	14	U	250	14	ug/L
100-41-4	Ethyl Benzene	880	D	250	2.5	ug/L
126777-61-2	m/p-Xylenes	3000	D	500	24	ug/L
95-47-6	o-Xylene	1200	D	250	8.0	ug/L
100-42-5	Styrene	9.5	U	250	9.5	ug/L
75-25-2	Bromoform	22	U	250	22	ug/L
98-82-8	Isopropylbenzene	36	JD	250	18	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18	U	250	18	ug/L
541-73-1	1,3-Dichlorobenzene	14	U	250	14	ug/L
106-46-7	1,4-Dichlorobenzene	11	U	250	11	ug/L
95-50-1	1,2-Dichlorobenzene	20	U	250	20	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	29	U	250	29	ug/L
120-82-1	1,2,4-Trichlorobenzene	20	U	250	20	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.29	91 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	43.5	87 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	50.34	101 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	49.32	99 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	300792	4.61			
540-36-3	1,4-Difluorobenzene	585538	5.35			
3114-55-4	Chlorobenzene-d5	667616	10.30			
3855-82-1	1,4-Dichlorobenzene-d4	323954	12.80			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/3/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/7/2008**
Client Sample ID:	**IRMW-9**	**SDG No.:**	**Z4854**
Lab Sample ID:	**Z4854-08**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG015250.D	1	10/8/2008	VG093008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	2.2	U	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	5.0	0.47	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	0.16	U	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/3/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/7/2008**
Client Sample ID:	**IRMW-9**	**SDG No.:**	**Z4854**
Lab Sample ID:	**Z4854-08**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG015250.D	1	10/8/2008	VG093008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	0.47	U	10	0.47	ug/L
95-47-6	o-Xylene	0.16	U	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.85	104 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	49.27	99 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	44.88	90 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	47.24	94 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	513052	3.72			
540-36-3	1,4-Difluorobenzene	650191	4.48			
3114-55-4	Chlorobenzene-d5	563113	9.47			
3855-82-1	1,4-Dichlorobenzene-d4	292787	13.20			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

Chemtech

Summary Sheet
SW-846

SDG No.: Z4854 **Order ID:** Z4854

Client: Environmental Business Consultants **Project ID:** ENVI49

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**IRMW-1**							
Z4854-01	IRMW-1	WATER	Dichlorodifluoromethane	4.6	J	5.0	0.88	ug/L
Z4854-01	IRMW-1	WATER	Acetone	24	J	25	2.2	ug/L
Z4854-01	IRMW-1	WATER	Carbon disulfide	1.2	J	5.0	0.20	ug/L
Z4854-01	IRMW-1	WATER	Methyl tert-butyl Ether	82		5.0	0.23	ug/L
Z4854-01	IRMW-1	WATER	Methyl Acetate	10		5.0	0.45	ug/L
Z4854-01	IRMW-1	WATER	Cyclohexane	42		5.0	0.57	ug/L
Z4854-01	IRMW-1	WATER	2-Butanone	22	J	25	1.9	ug/L
Z4854-01	IRMW-1	WATER	Methylcyclohexane	91		5.0	0.47	ug/L
Z4854-01	IRMW-1	WATER	Benzene	13		5.0	0.35	ug/L
Z4854-01	IRMW-1	WATER	4-Methyl-2-Pentanone	6.4	J	25	1.8	ug/L
Z4854-01	IRMW-1	WATER	Toluene	4.0	J	5.0	0.16	ug/L
Z4854-01	IRMW-1	WATER	2-Hexanone	2.7	J	25	1.8	ug/L
Z4854-01	IRMW-1	WATER	Ethyl Benzene	220	E	5.0	0.05	ug/L
Z4854-01	IRMW-1	WATER	m/p-Xylenes	120		10	0.47	ug/L
Z4854-01	IRMW-1	WATER	o-Xylene	27		5.0	0.16	ug/L
Z4854-01	IRMW-1	WATER	Isopropylbenzene	37		5.0	0.37	ug/L
			Total VOC's:	**706.90**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**706.90**				
Client ID:	**IRMW-1DL**							
Z4854-01DL	IRMW-1DL	WATER	Methyl tert-butyl Ether	80	JD	100	4.6	ug/L
Z4854-01DL	IRMW-1DL	WATER	Methyl Acetate	100	D	100	9.0	ug/L
Z4854-01DL	IRMW-1DL	WATER	Cyclohexane	74	JD	100	11	ug/L
Z4854-01DL	IRMW-1DL	WATER	Methylcyclohexane	190	D	100	9.4	ug/L
Z4854-01DL	IRMW-1DL	WATER	Ethyl Benzene	240	D	100	1.0	ug/L
Z4854-01DL	IRMW-1DL	WATER	m/p-Xylenes	110	JD	200	9.4	ug/L
Z4854-01DL	IRMW-1DL	WATER	o-Xylene	31	JD	100	3.2	ug/L
Z4854-01DL	IRMW-1DL	WATER	Isopropylbenzene	43	JD	100	7.4	ug/L
			Total VOC's:	**868.00**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**868.00**				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Chemtech

Summary Sheet
SW-846

SDG No.: Z4854 **Order ID:** Z4854

Client: Environmental Business Consultants **Project ID:** ENVI49

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**IRMW-3**							
Z4854-03	IRMW-3	WATER	Acetone	19	J	25	2.2	ug/L
Z4854-03	IRMW-3	WATER	Methyl tert-butyl Ether	45		5.0	0.23	ug/L
Z4854-03	IRMW-3	WATER	2-Butanone	18	J	25	1.9	ug/L
Z4854-03	IRMW-3	WATER	Methylcyclohexane	43		5.0	0.47	ug/L
Z4854-03	IRMW-3	WATER	Benzene	23		5.0	0.35	ug/L
Z4854-03	IRMW-3	WATER	Toluene	4.5	J	5.0	0.16	ug/L
Z4854-03	IRMW-3	WATER	2-Hexanone	2.4	J	25	1.8	ug/L
Z4854-03	IRMW-3	WATER	Ethyl Benzene	140	E	5.0	0.05	ug/L
Z4854-03	IRMW-3	WATER	m/p-Xylenes	210	E	10	0.47	ug/L
Z4854-03	IRMW-3	WATER	o-Xylene	49		5.0	0.16	ug/L
Z4854-03	IRMW-3	WATER	Isopropylbenzene	37		5.0	0.37	ug/L
			Total VOC's:	**590.90**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**590.90**				
Client ID:	**IRMW-3DL**							
Z4854-03DL	IRMW-3DL	WATER	Methyl tert-butyl Ether	40	JD	100	4.6	ug/L
Z4854-03DL	IRMW-3DL	WATER	Methylcyclohexane	30	JD	100	9.4	ug/L
Z4854-03DL	IRMW-3DL	WATER	Benzene	20	JD	100	7.0	ug/L
Z4854-03DL	IRMW-3DL	WATER	Ethyl Benzene	120	D	100	1.0	ug/L
Z4854-03DL	IRMW-3DL	WATER	m/p-Xylenes	160	JD	200	9.4	ug/L
Z4854-03DL	IRMW-3DL	WATER	o-Xylene	40	JD	100	3.2	ug/L
Z4854-03DL	IRMW-3DL	WATER	Isopropylbenzene	27	JD	100	7.4	ug/L
			Total VOC's:	**437.00**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**437.00**				
Client ID:	**IRMW-4**							
Z4854-04	IRMW-4	WATER	Acetone	6.4	J	25	2.2	ug/L
Z4854-04	IRMW-4	WATER	Ethyl Benzene	1.3	J	5.0	0.05	ug/L
Z4854-04	IRMW-4	WATER	m/p-Xylenes	2.8	J	10	0.47	ug/L
Z4854-04	IRMW-4	WATER	o-Xylene	1.2	J	5.0	0.16	ug/L
			Total VOC's:	**11.70**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**11.70**				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Chemtech

Summary Sheet
SW-846

SDG No.: Z4854 **Order ID:** Z4854

Client: Environmental Business Consultants **Project ID:** ENVI49

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**IRMW-5**							
Z4854-05	IRMW-5	WATER	Dichlorodifluoromethane	2.4	J	5.0	0.88	ug/L
Z4854-05	IRMW-5	WATER	Chloromethane	7.6		5.0	0.37	ug/L
Z4854-05	IRMW-5	WATER	Bromomethane	2.0	J	5.0	1.4	ug/L
Z4854-05	IRMW-5	WATER	Chloroethane	1.8	J	5.0	0.80	ug/L
Z4854-05	IRMW-5	WATER	Acetone	170		25	2.2	ug/L
Z4854-05	IRMW-5	WATER	Carbon disulfide	19		5.0	0.20	ug/L
Z4854-05	IRMW-5	WATER	Methyl tert-butyl Ether	3.8	J	5.0	0.23	ug/L
Z4854-05	IRMW-5	WATER	Methyl Acetate	18		5.0	0.45	ug/L
Z4854-05	IRMW-5	WATER	Methylene Chloride	10		5.0	0.38	ug/L
Z4854-05	IRMW-5	WATER	1,1-Dichloroethane	1.1	J	5.0	0.67	ug/L
Z4854-05	IRMW-5	WATER	Cyclohexane	36		5.0	0.57	ug/L
Z4854-05	IRMW-5	WATER	2-Butanone	78		25	1.9	ug/L
Z4854-05	IRMW-5	WATER	Methylcyclohexane	24		5.0	0.47	ug/L
Z4854-05	IRMW-5	WATER	Benzene	44		5.0	0.35	ug/L
Z4854-05	IRMW-5	WATER	4-Methyl-2-Pentanone	5.2	J	25	1.8	ug/L
Z4854-05	IRMW-5	WATER	Toluene	330	E	5.0	0.16	ug/L
Z4854-05	IRMW-5	WATER	2-Hexanone	11	J	25	1.8	ug/L
Z4854-05	IRMW-5	WATER	Ethyl Benzene	230	E	5.0	0.05	ug/L
Z4854-05	IRMW-5	WATER	m/p-Xylenes	950	E	10	0.47	ug/L
Z4854-05	IRMW-5	WATER	o-Xylene	390	E	5.0	0.16	ug/L
Z4854-05	IRMW-5	WATER	Isopropylbenzene	23		5.0	0.37	ug/L
			Total VOC's:	**2356.90**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**2356.90**				
Client ID:	**IRMW-5DL**							
Z4854-05DL	IRMW-5DL	WATER	Acetone	170	JD	500	43	ug/L
Z4854-05DL	IRMW-5DL	WATER	Cyclohexane	49	JD	100	11	ug/L
Z4854-05DL	IRMW-5DL	WATER	2-Butanone	79	JD	500	39	ug/L
Z4854-05DL	IRMW-5DL	WATER	Methylcyclohexane	35	JD	100	9.4	ug/L
Z4854-05DL	IRMW-5DL	WATER	Benzene	47	JD	100	7.0	ug/L
Z4854-05DL	IRMW-5DL	WATER	Toluene	390	D	100	3.2	ug/L
Z4854-05DL	IRMW-5DL	WATER	Ethyl Benzene	280	D	100	1.0	ug/L
Z4854-05DL	IRMW-5DL	WATER	m/p-Xylenes	1200	D	200	9.4	ug/L
Z4854-05DL	IRMW-5DL	WATER	o-Xylene	500	D	100	3.2	ug/L
Z4854-05DL	IRMW-5DL	WATER	Isopropylbenzene	22	JD	100	7.4	ug/L
			Total VOC's:	**2772.00**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**2772.00**				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Chemtech

Summary Sheet
SW-846

SDG No.: Z4854 **Order ID:** Z4854

Client: Environmental Business Consultants **Project ID:** ENVI49

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**IRMW-8**							
Z4854-07	IRMW-8	WATER	Acetone	70		25	2.2	ug/L
Z4854-07	IRMW-8	WATER	Carbon disulfide	3.4	J	5.0	0.20	ug/L
Z4854-07	IRMW-8	WATER	Cyclohexane	48		5.0	0.57	ug/L
Z4854-07	IRMW-8	WATER	2-Butanone	31		25	1.9	ug/L
Z4854-07	IRMW-8	WATER	Methylcyclohexane	28		5.0	0.47	ug/L
Z4854-07	IRMW-8	WATER	Benzene	98		5.0	0.35	ug/L
Z4854-07	IRMW-8	WATER	Toluene	1100	E	5.0	0.16	ug/L
Z4854-07	IRMW-8	WATER	2-Hexanone	2.1	J	25	1.8	ug/L
Z4854-07	IRMW-8	WATER	Ethyl Benzene	600	E	5.0	0.05	ug/L
Z4854-07	IRMW-8	WATER	m/p-Xylenes	2200	E	10	0.47	ug/L
Z4854-07	IRMW-8	WATER	o-Xylene	900	E	5.0	0.16	ug/L
Z4854-07	IRMW-8	WATER	Styrene	2.3	J	5.0	0.19	ug/L
Z4854-07	IRMW-8	WATER	Isopropylbenzene	41		5.0	0.37	ug/L
			Total VOC's:	**5123.80**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**5123.80**				
Client ID:	**IRMW-8DL**							
Z4854-07DL	IRMW-8DL	WATER	Benzene	94	JD	250	18	ug/L
Z4854-07DL	IRMW-8DL	WATER	Toluene	1400	D	250	8.0	ug/L
Z4854-07DL	IRMW-8DL	WATER	Ethyl Benzene	880	D	250	2.5	ug/L
Z4854-07DL	IRMW-8DL	WATER	m/p-Xylenes	3000	D	500	24	ug/L
Z4854-07DL	IRMW-8DL	WATER	o-Xylene	1200	D	250	8.0	ug/L
Z4854-07DL	IRMW-8DL	WATER	Isopropylbenzene	36	JD	250	18	ug/L
			Total VOC's:	**6610.00**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**6610.00**				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey - 07092
Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

Order ID:	Z4854	**Order Date:**	10/7/2008
Client :	Environmental Business Consultants	**Project:**	3035 White Plains Road
Contact :	Charles B.Sosik P.G.	**Location :**	VOA Ref. #3 Water

Lab ID	Client ID	Matrix	Test	Method	Sample Date	PrepDate	AnalDate	Received
Z4854-01	**IRMW-1**	**WATER**			**10/03/08**			**10/07/08**
			VOC-TCL	8260			10/08/08	
Z4854-01DL	**IRMW-1DL**	**WATER**			**10/03/08**			**10/07/08**
			VOC-TCL	8260			10/09/08	
Z4854-03	**IRMW-3**	**WATER**			**10/03/08**			**10/07/08**
			VOC-TCL	8260			10/08/08	
Z4854-03DL	**IRMW-3DL**	**WATER**			**10/03/08**			**10/07/08**
			VOC-TCL	8260			10/08/08	
Z4854-04	**IRMW-4**	**WATER**			**10/03/08**			**10/07/08**
			VOC-TCL	8260			10/08/08	
Z4854-05	**IRMW-5**	**WATER**			**10/03/08**			**10/07/08**
			VOC-TCL	8260			10/08/08	
Z4854-05DL	**IRMW-5DL**	**WATER**			**10/03/08**			**10/07/08**
			VOC-TCL	8260			10/08/08	
Z4854-07	**IRMW-8**	**WATER**			**10/03/08**			**10/07/08**
			VOC-TCL	8260			10/08/08	
Z4854-07DL	**IRMW-8DL**	**WATER**			**10/03/08**			**10/07/08**
			VOC-TCL	8260			10/20/08	
Z4854-08	**IRMW-9**	**WATER**			**10/03/08**			**10/07/08**
			VOC-TCL	8260			10/08/08	

CHEMTECH
284 Sheffield Street, Mountainside NJ 07092
Tel: 908-789-8900 Fax 908-789-8922

COVER PAGE

ProjectID: 3035 White Plains Road

OrderID: Z4908

CustomerName: Environmental Business Consultants

LAB SAMPLE NO.	CLIENT SAMPLE NO
Z4908-01	IRM-W2
Z4908-02	IRM-W6

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature:_____Name: _____

Date:_____ Title:_____

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number: 4908
COC Number:

CLIENT INFORMATION

Report to be sent to
COMPANY: Environmental Business Consultants
ADDRESS: 1808 Middle Country Road
CITY: Ridge STATE: NY ZIP: 11961
ATTENTION: Charles Sosik
PHONE:631.504.6000 FAX: 631.924.2870

PROJECT INFORMATION

PROJECT NAME: 3035 White Plains Road, Bronx, NY
PROJECT #: LOCATION:
PROJECT MANAGER: Charles Sosik
E-MAIL: csosik2@optonline.net
PHONE: 631.504.6000 FAX: 631.924.2870

BILLING INFORMATION

BILL TO: Environmental Business Consultants PO#
ADDRESS: 1808 Middle Country Road
CITY: Ridge STATE: NY ZIP: 11961
ATTENTION: Charles Sosik
PHONE: 631.504.6000

DATA TURNAROUND INFORMATION

FAX:_____ DAYS*
HARD COPY: STANDARD DAYS*
EDD STANDARD DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY
- ☐ RESULTS * QC
- ☐ New Jersey REDUCED
- → New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other_____
- ☐ EDD FORMAT_____

ANALYSIS

1 VOCs 8260 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	IRM-W2	Groundwater			7-Oct	1230	3	X									A/E
	IRM-W6	Groundwater			7-Oct	1245	3	X									A/E
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

<- Specify Preservatives
A-HCl B-HNO4
C-H2SO13 D-NaOH
E-ICE F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	10/8 4:50	1. FEDEX COOLER
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3. FED EX	10-9-08 9:30	3. A. Trieste

Conditions of bottles or coolers at receipt: → COMPLIANT → NON COMPLIANT → COOLER TEMP 4°C
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments:

Page 1 of 1

CLIENT: → Hand Delivered →
CHEMTECH: → Picked Up →
Overnight

Shipment Complete
→ YES → NO

10/18/2004

WHITE - CHEMTECH COPYFOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

#

2

FedEx Express US Airbill

8640 7265 1076

0200 Form ID No.

FedEx Retrieval Copy

fedex.com 1800 GoFedEx 1800 463 3339

1 From

Date 10/3/08 Sender's FedEx Account Number 365463000

Sender's Name Kevin Breslin Phone 631 624 1000

Company Environmental Design & Construction

Address 1505 Middle Country Rd Dept/Floor/Suite/Room

City Ridge State NY ZIP 11961

2 Your Internal Billing Reference

3 To

Recipient's Name Phone 765 759 8900

Company Chubb

Recipient's Address 284 Sheffield Street

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept/Floor/Suite/Room

Address ~~Mount~~ 284 Sheffield Street

To request a package be held at a specific FedEx location, print FedEx address here.

City Mountainside State NJ ZIP 07092

AT
10-9-08
9:30

8640 7265 1076

4a Express Package Service *Packages up to 150 lbs.*

1 [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

5 [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available

6 [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.

3 [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

20 [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

7 [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

8 [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

83 [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation. ** To most locations.

5 Packaging

6 [ ] FedEx Envelope* 2 [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak. 3 [ ] FedEx Box 4 [ ] FedEx Tube 1 [x] Other

* Declared value limit $500

6 Special Handling — Include FedEx address in Section 3.

3 [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.

1 [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.

31 [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

No 4 [ ] Yes — As per attached Shipper's Declaration. [ ] Yes — Shipper's Declaration not required. 6 [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

1 [x] Sender Acct. No. in Section 1 will be billed. 2 [ ] Recipient 3 [ ] Third Party 4 [ ] Credit Card 5 [ ] Cash/Check

[redacted]

Total Packages 1 Total Weight 4 [redacted] Credit Card Auth

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

[ ] No Signature Required — Package may be left without obtaining a signature for delivery.

10 [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*

34 [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

520

Rev. Date 10/05 Part #158291 ©1994–2005 FedEx PRINTED IN U.S.A. SRY

fedex.com 1800 GoFedEx 1800 463 3339

CHEMTECH 284 Sheffield Street Mountainside NJ 07092 Tel. 908-789-8900

Laboratory Certification

State	License No.
New Jersey	20012
New York	11376
Connecticut	PH-0649
Maryland	296
Massachusetts	M-NJ503
Maine	NJ0503
Oklahoma	9705
Pennsylvania	68-548
Rhode Island	LAO00259

QA Control Code: A2070148

CHEMTECH

284 Sheffield Street Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #:_____**Z4908**_____

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication, airbill, sample management lab chronicle, login page)	___✓___
Check chain-of-custody for proper relinquish/return of samples	____✓__
Is the chain of custody signed and complete	___✓___
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	_____✓___
Collect information for each project id from server. Were all requirements followed	_____✓_____
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody and on login page	_____✓____
Do lab numbers and client Ids on cover page agree with the Chain of Custody	_____✓____
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	____✓___
Do requested analyses on Chain of Custody agree with the log-in page	____✓____
Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody	____✓____
Were the samples received within hold time	_____✓___
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	____✓____
ANALYTICAL:	
Was method requirement followed?	____✓____
Was client requirement followed?	____✓____
Does the case narrative summarize all QC failure?	____✓____
All runlogs reviewed for manual integration requirements	_____

1st Level QA Review Signature:__Divya Fadadu_____ Date:__10/20/2008____

2nd Level QA Review Signature:_____ Date:_____

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/7/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/9/2008**
Client Sample ID:	**IRM-W2**	**SDG No.:**	**Z4908**
Lab Sample ID:	**Z4908-01**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VE010388.D	1	10/10/2008	VE101008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	21	J	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	17		5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	5.0	0.47	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	0.16	U	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/7/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/9/2008**
Client Sample ID:	**IRM-W2**	**SDG No.:**	**Z4908**
Lab Sample ID:	**Z4908-01**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VE010388.D	1	10/10/2008	VE101008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	3.7	J	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	5.5	J	10	0.47	ug/L
95-47-6	o-Xylene	0.16	U	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.07	116 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	52.51	105 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	50.01	100 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	54.03	108 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	495038	9.37			
540-36-3	1,4-Difluorobenzene	837168	10.47			
3114-55-4	Chlorobenzene-d5	929677	14.87			
3855-82-1	1,4-Dichlorobenzene-d4	562843	18.68			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/7/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/9/2008**
Client Sample ID:	**IRM-W6**	**SDG No.:**	**Z4908**
Lab Sample ID:	**Z4908-02**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VE010389.D	1	10/10/2008	VE101008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	2.2	U	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	3.8	J	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	5.0	0.47	ug/L
71-43-2	Benzene	25		5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	33		5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Environmental Business Consultants**	**Date Collected:**	**10/7/2008**
Project:	**3035 White Plains Road**	**Date Received:**	**10/9/2008**
Client Sample ID:	**IRM-W6**	**SDG No.:**	**Z4908**
Lab Sample ID:	**Z4908-02**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VE010389.D	1	10/10/2008	VE101008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	24		5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	51		10	0.47	ug/L
95-47-6	o-Xylene	18		5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.23	110 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	53.31	107 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	50.71	101 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	53.57	107 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	566358	9.36			
540-36-3	1,4-Difluorobenzene	958961	10.46			
3114-55-4	Chlorobenzene-d5	1056464	14.87			
3855-82-1	1,4-Dichlorobenzene-d4	635506	18.68			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

Summary Sheet
SW-846

SDG No.: **Z4908** **Order ID:** **Z4908**

Client: **Environmental Business Consultants** **Project ID:** **ENVI49**

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**IRM-W2**							
Z4908-01	IRM-W2	WATER	Acetone	21	J	25	2.2	ug/L
Z4908-01	IRM-W2	WATER	Methyl tert-butyl Ether	17		5.0	0.23	ug/L
Z4908-01	IRM-W2	WATER	Ethyl Benzene	3.7	J	5.0	0.05	ug/L
Z4908-01	IRM-W2	WATER	m/p-Xylenes	5.5	J	10	0.47	ug/L
			Total VOC's:	**47.20**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**47.20**				
Client ID:	**IRM-W6**							
Z4908-02	IRM-W6	WATER	Methyl tert-butyl Ether	3.8	J	5.0	0.23	ug/L
Z4908-02	IRM-W6	WATER	Benzene	25		5.0	0.35	ug/L
Z4908-02	IRM-W6	WATER	Toluene	33		5.0	0.16	ug/L
Z4908-02	IRM-W6	WATER	Ethyl Benzene	24		5.0	0.05	ug/L
Z4908-02	IRM-W6	WATER	m/p-Xylenes	51		10	0.47	ug/L
Z4908-02	IRM-W6	WATER	o-Xylene	18		5.0	0.16	ug/L
			Total VOC's:	**154.80**				
			Total TIC's:	**0.00**				
			Total VOC's and TIC's:	**154.80**				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey - 07092
Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

Order ID:	Z4908	**Order Date:**	10/9/2008
Client :	Environmental Business Consultants	**Project:**	3035 White Plains Road
Contact :	Charles B.Sosik P.G.	**Location :**	

Lab ID	Client ID	Matrix	Test	Method	Sample Date	PrepDate	AnalDate	Received
Z4908-01	**IRM-W2**	**WATER**			**10/07/08**			**10/09/08**
			VOC-TCL	8260			10/10/08	
Z4908-02	**IRM-W6**	**WATER**			**10/07/08**			**10/09/08**
			VOC-TCL	8260			10/10/08	

APPENDIX - O

Resumes of Key Personnel

EBC

ENVIRONMENTAL BUSINESSS CONSULTANTS

Charles B. Sosik, PG, PHG, Principal

Professional Experience

20 years

Education

MS, Hydrogeology, Adelphi University, NY
BS, Geology, Northern Arizona University, AZ

Areas of Expertise

- Brownfields
- Hazardous Waste Site Investigations
- Pre-purchase Site Evaluations and Support
- Regulatory Negotiations
- Strategic Planning
- Real Estate Transactions
- NYC "E" Designations

Professional Certification

- Professional Geologist, NH
- Professional Hydrogeologist, WA
- Licensed Site Professional (LSP), MA (in progress)
- OSHA 40-hr HAZMAT
- OSHA 8-hr. Supervisor

Professional Affiliation / Committees

- NYS Council of Professional Geologists (NYSCPG)
- Association of Groundwater Scientists & Engineers (AGSE)
- NYS RBCA Advisory Committee
- Massachusetts LSP Association
- New Hampshire Association of Professional Geologists
- Interstate Technology Regulatory Council/MTBE Team
- Environmental Business Association, Brownfields Task Force
- Part 375 Working Group

PROFILE

Mr. Sosik has 20 years of experience in contaminant release management. He specializes in advising clients on managing environmental compliance with federal, state, and municipal agencies and has successfully directed numerous investigation and remediation projects involving petroleum, pesticides, chlorinated solvents, heavy metals and radiologically activated media. His work included extensive three-dimensional investigations on MTBE, which have been used effectively to help shape public policy. He also has experience in applying models to groundwater related problems and has completed several large-scale projects to determine fate and transport of contaminants, establish spill scenarios, and closure criteria. His experience and expertise in the area of contaminant hydrogeology has resulted in requests from environmental attorneys, property owners and New York State to serve as an expert witness and technical advisor on a variety of legal disputes.

Recently Mr. Sosik has been engaged in providing environmental consulting to developers responding to the extensive re-zoning of former industrial and commercial properties, which is currently taking place throughout New York City. These services include everything from pre-purchase evaluations and contract negotiations to gaining acceptance in and moving projects through the NYS Brownfields Program. Mr. Sosik has taken a pro-active role in the continued development of the NYS Brownfields Program and related policy, by attending numerous working seminars, active participation in work groups and task forces and by providing commentary to draft versions of new guidance documents. Throughout his professional career, Mr. Sosik has remained committed to developing innovative cost- efficient solutions to environmental issues, specifically tailored to the needs of his clients.

SELECTED PROJECTS

Scavenger Waste Treatment Facility (SWTF), Suffolk County, NY

Water Treatment Plant EIS - Focused EIS - In response to requests from the Suffolk County Council on Environmental Quality and the Brookhaven Conservation Advisory Council, Mr. Sosik prepared a focused EIS to evaluate the potential impacts to an important surface water resource from the proposed facility including cumulative and synergistic effects with established contaminant plumes in the area.

Advanced Residential Communities, Rockville Centre, NY

Brownfield Project – As the senior project manager on this large scale, high profile redevelopment project, Mr. Sosik was asked to develop a plan to accelerate the regulatory process in the face of general community opposition. Through numerous discussions with the BCP management team, He was able to condense the schedule and review period, through the submission of supporting documents (Investigation Report, Remedial Work Plan) with the BCP application package. Community opposition, which focused on the environmental condition of the site as a means to block the project, was used to advantage in expediting approval of the aggressive interim remedial plan. This will allow the developer to begin remedial work approximately 5 months ahead of schedule.

Former Temco Uniform site, West Haverstraw, NY

Brownfield Project – Mr. Sosik took over management of this project from another consultant following transition of this VCP site to the BCP. Mr. Sosik used the opportunity to renegotiate and revise the scope of work to allow a more cost effective and focused investigation plan without re-writing or resubmitting the RIWP. During the NYSDEC's review of the transition package, he met with and coordinated changes with the NYSDEC Project Manager to gain approval. The result saved the client a significant amount of money, but perhaps more importantly in this case, did so without loss of time.

Grovick Properties, Jackson Heights, NY

Brownfield Project – This Brownfield property is somewhat unique in that it had been investigated and partially remediated by the NYSDEC through the petroleum spill fund. The client was interested in purchasing the property and redeveloping it as office and retail space.

Charles B. Sosik, PG, PHG, Principal

Mr. Sosik reviewed the NYSDEC investigation and developed a supplemental plan to meet the requirements of an RI under the BCP program. By performing this limited amount of field work "up-front" he was able to complete an RI Report and Remedial Plan and submit both with the BCP application package. The NYSDEC and NYSDOH approved the RI Report and the Remedial Plan with minor changes. This cut 120 days from the review process and allowed the client to arrange financing and move his project forward knowing what the clean-up costs would be at the outset.

Metro Management, Bronx, NY

Brownfield Project – The site of a former gas station, the developer had planned to construct a 12-story affordable housing apartment complex with first floor retail space. Since the site was located in an Environmental zone, potential tax credits of 22% for site development, remediation and tangible property could be realized under the BCP. In a pre-application meeting with the NYSDEC, Mr. Sosik realized that the department did not believe the site was eligible for the BCP, since it had been previously investigated and closed under the spills program.

Mr. Sosik assisted the developer in securing financing, and due to the demands of an aggressive construction schedule developed an Interim Remedial Measure (IRM), based on chemical oxidation treatment. Working closely with the clients environmental counsel, Mr. Sosik was able to get the IRM approved without a public comment period. Implementation of the IRM is currently underway.

Brandt Airflex, NY

Technical Consulting Services - Mr. Sosik provided senior level technical advice and strategic planning in developing an off-site RI/FS for the site, in negotiating a tax reduction for the property due to the environmental condition and in preparing a cost to cure estimate for settlement between business partners. After achieving a favorable tax consideration and settlement agreement for his client

Allied Aviation Services, Dallas, Fort Worth, Airport, Dallas, TX

Jet Fuel Investigation - Mr. Sosik developed and managed an investigative plan to quickly identify the extent and source of jet fuel which was discharging from the Airport's storm drain system to a creek a mile away. Through the use of a refined conceptual model, accelerated investigative techniques and a flexible work plan, he was able to identify the source of the fuel and the migration route within a single week. He then identifled remedial options and successfully negotiated a risk based plan with the Texas regulatory agency that had issued a notice of enforcement action against the facility.

KeySpan – Former LILCO Facilities, Various NY Locations

Pesticide Impact Evaluation - Developed, negotiated and implemented a site screening procedure to evaluate impact to public health and the environment as the result of past herbicide use at 211 utility sites. Using an unsaturated zone leaching model (PRZM) on a small subset of the sites, he was able to establish mass loading schedules for the remaining sites. This was combined with public well data in a GIS environment to perform queries with respect to mass loading, time transport and proximity to vunerable public supply wells. Using this approach Mr. Sosik was able to show that there were no concerns for future impact. This effort satisfied the public health and resource concerns of the state environmental agency and county health department in a reasonable amount of time and at a fraction of the cost of a full scale investigation.

Former Computer Circuits (Superfund) Site, Hauppauge, NY

CERCLA RI/FS - As Senior Project Manager for the site, he played a major role in regaining control of the investigation activites for the PRP. This action prevented the USEPA from initiating an extensive investigation at the site using a RAC II contractor allowing the client to perform a more efficient investigation. He was involved in all negotiations with EPA and was the project lead in developing a revised site characterization plan (work plan, field sampling plan, quality assurance plan, etc.). By carefully managing all phases of the investigation and continued interaction with each of the three regulatory agencies involved, Mr. Sosik was able to keep the project focused and incrementally reinforce the clients position. The estimated cost of the revised investigation is expected to save the client 1.5 to 2 million dollars.

Sun Oil, Seaford, NY

Remediation Consuliting Services & Project Management - Under an atmosphere of regulatory distrust, political pressure and mounting public hostility toward the client, Mr. Sosik conducted an off-site 3-D investigation to define the extent of contamination and the potential impact on public health. By designing and implementing an aggressive source area remediation program and personal interaction with the public and regulatory agencies, he was able to successfully negotiate a limited off-site remediation favorable to the client. Source area remediation was completed within 6 months and the project successfully closed without damage to the client's public image or working relationship with the regulatory agencies.

Con Edison, Various Locations, NY

Hydrogeologic Consulting Services - Under a general consulting contract, Mr. Sosik conducted detailed subsurface hydrogeologic investigations at five locations to assist in the development of groundwater contingency planning. He also developed and implemented work plans to investigate and remediate existing petroleum, cable fluid, and PCB releases at many of the generating facilities and substations. An important aspect of his role was in assisting the client in strategic planning and negotiations with the regulatory agency.

Keyspan - Tuthill Substation, Aqueboque, NY

Accelerated Site Characterization - Using accelerated site characterization techniques, Mr. Sosik presented the project as a case study in establishing the transport of an herbacide and its metobolites aplied at utility sites in the 1980's The results were then used to establish a screening method for evaluating 211 similar sites controlled by the client in a reasonable and eficient manner.

NYSDEC Spill, East Moriches, NY

Spill Release Analysis - With recognized expertise in the area of gasoline plume development on Long Island, Mr. Sosik was asked by the State to establish the release date (and principal responsible party) of an extensive petroleum spill, which impacted a residential

Charles B. Sosik, PG, PHG, Principal

neighborhood. He used multiple lines of evidence, and a new EPA model (HSSM), which he has helped to refine, to reconstruct the release scenario and spill date, in support of the State Attorney General's cost recovery effort from the PRP.

Minmilt Realty, Farmingdale, NY

Fate & Transport Modeling - He completed an RI/FS at this location for a PCE plume that had been in transit for over 30 years. Mr. Sosik applied a conservative model to evaluate time/concentration impacts under a variety of transport scenarios to a municipal wellfield located 13,000 feet away. Through the use of the model and careful interpretation of an extensive data set compiled from several sources, Mr. Sosik was able to propose a plan which was both acceptable to the regulator and favorable to the client.

Sebonack Golf Course Project, Town of Southampton, NY

IPM Pesticide Study - Provided professional hydrogeologic services in support of the EIS prepared for the development of the site. The proposed development included an 18-hole golf course, clubhouse, dormitory facility, cottages, associated structures, and a 6,000 square foot research station for Southampton College. Mr. Sosik performed an extensive evaluation (using a pesticide-leaching model) on the effects of pesticide and nitrogen loading to groundwater as part of the projects commitment to an Integrated Pest Management (IPM) approach.

NYSDEC, Spills Division, Regions 1 – 4

Petroleum Spills Investigation & Remediation - As a prime contractor/consultant for the NYSDEC in Regions 1-4, Mr. Sosik has managed the investigation and remediation of numerous petroleum spills throughout the State. Many of these projects required the development of innovative investigation and remediation techniques to achieve project goals. He was also involved in many pilot projects and research studies to evaluate innovative investigation techniques such as accelerated site characterization, and alternative approaches to remediation such as monitored natural attenuation and risk based corrective action.

Sun Oil, E. Meadow, NY

Exposure Assessment - Performed to seek closure of the spill file, despite the presence of contaminants above standards, Mr. Sosik determined after the extended assessment that the level of remaining contamination would not pose a future threat to human health or the environment. He used multiple lines of evidence, and a fate and transport model to show that degradation processes would achieve standards within a reasonable time.

Sand & Gravel Mine, NY

Property Development - As part of the development of a sand and gravel mine, Mr. Sosik provided environmental consulting services to assist in obtaining a mining permit, which would result in the construction of a 150-acre lake. Specifically, Mr. Sosik investigated if the proposed lake would reduce groundwater quantity to domestic and public well fields, and/or accelerate the migration of potential surface contaminants to the lower part of the aquifer. After assuming the lead role in negotiations with the regulatory agency, Mr. Sosik was able to obtain a permit for the client by adequately addressing water quality and quantity issues, and by preparing a monitoring plan and spill response plan, acceptable to all parties.

NYSDEC, Mamaroneck, NY

Site Characterization / Source Identification - In a complex hydrogeologic setting consisting of contaminant transport through fractured metomorphic bedrock and variable overburden materials, Mr. Sosik was able to develop and implement a sub-surface investigation to differentiate and separate the impact associated with each of two sources. The results of this investigation were successful in encouraging the spiller to accept responsibility for the release.

Riverhead Municipal Water District, NY

Site Characterization / Remedial Planning - Using accelerated characterization techniques, he implemented a 3-D site investigation to identify two service stations 4,000 ft. away as the source of contamination impacting a municipal wellfield. In accordance with the strict time table imposed by the need to return the wellfield to production by early spring, he designed and implemented a multi-point (9 RW, 6 IW) recovery and injection well system using a 3-d numerical flow model, and completed the project on time. Using a contaminant transport model, Mr. Sosik developed clean-up goals which were achieved in 9 months of operation, well below the projected 3 to 5 year project duration.

Montauk Fire Department, NY

Site Assessment - Mr. Sosik performed a limited investigation and used a 2-D flow model to demonstrate that the property could not have been the source of contamination which had impacted an adjacent wellfield as per the results of a previous investigation. This small focused effort successfully reversed a $500,000, and rising, claim against the department by the water district and the NYSDEC.

PREVIOUS EXPERIENCE

P.W. Grosser Consulting, Bohemia, NY
Senior Project Manager, 1999-2006

Environmental Assessment & Remediation, Patchogue, NY
Senior Project Manager, 1994-1999

Miller Environmental Group, Calverton, NY
Project Manager, 1989-1994

DuPont Biosystems, Aston, PA
Hydrogeologist, 1988-1989

EBC

ENVIRONMENTAL BUSINESSS CONSULTANTS

Charles B. Sosik, PG, PHG, Principal

EXPERT WITNESS TESTIMONY AND DEPOSITIONS

Fact Witness -Testimony on relative age of petroleum spill based on nature and extent of residual and dissolved components at the Delta Service Station in Uniondale, NY Fall/1999

Expert Witness / Expert Report for defendant in cost recovery case by NYS Attorney General regarding a Class II Inactive Hazardous Waste (State Superfund) project by the NYSDEC (October 2004 – present, Report: March 2005, Deposition: April 2005)

Expert Witness / Fact Witness for plaintiff seeking compensation for partial expenses incurred during the investigation and remediation of a USEPA CERCLA site due to the release and migration of contaminants from an "upgradient" industrial property. (Deposition May 2005).

Expert Witness / Fact Witness for NYS Attorney General with respect to cost recovery for a NYSDEC petroleum spill site in Holtzville, NY (Deposition April 2005).

Expert Witness – Statement of opinion and expert testimony at trial for plaintiff seeking damages from a major oil corporation for contamination under a prior leasing agreement in Rego Park, NY. Case decided in favor of plaintiff. Trial date July/2007

Expert Report - for Attorney General on modeling performed to determine the spill release scenario at a NYSDEC petroleum spill site in East Moriches, NY. June/2000

Expert Witness / Fact Witness for defendant with respect to cost recovery and third party responsibility for a NYSDEC petroleum spill site. (Expert Statement of Fact – October 2005).

Expert Witness for plaintiff seeking damages related to a petroleum spill from the previous owner/operator of a gas station in College Point, NY. Currently under investigation and data collection.

Expert Witness for plaintiff (water supply purveyor) seeking damages from major oil companies and manufacturer of MTBE at various locations in Suffolk County, NY. Expert reports July 2007, August 2007 and October 2007, trial date September 2008.

Expert Witness - Deposition for NYS Attorney General regarding NYSDEC cost recovery for a petroleum spill site at Sag Harbor, NY. August/2002

Expert Witness - for NYS Attorney General regarding NYSDEC cost recovery for a petroleum spill site at Riverhead, NY. Currently underway.

MODELING EXPERIENCE (PARTIAL LISTING)

PROJECT	MODEL	APPLICATION
Riverhead Water District, Riverhead, NY	MODFLOW, MODPATH	Remediation system design to intercept MTBE plume and prevent continued impact to municipal well field.
NYSDEC - Region 1, Holbrook, NY	MODFLOW, MODPATH	Simulate transport of MTBE plume to predict future impact.
NYSDEC - Region 1, East Moriches, NY	HSSM	Evaluate release scenario and start date of petroleum spill in support of cost recovery by NYS AG office.
AMOCO, Deer Park, NY	HSSM	Estimate release amount, start date and spill scenario to evaluate the potential for mass unaccounted for
Keyspan Energy, Nassau/Suffolk Counties Substations	PRZM	Estimate mass load of simazine used at 211 electric substations and screen sites according to potential for human health and ecological impacts.
Saboneck Golf Club, Southampton NY	PRZM	Estimate mass load of proposed pesticides on new golf course to evaluate acceptability under an IPM program.
Suffolk County Department of Public Works (SCDPW) Scavenger Waste Treatment Plant, Yaphank, NY	DYNFLOW, DYNTRAC	Evaluate time-transport and nitrogen impact on local river system.
SCDPW SUNY Waste Water Treatment Plant, Stony Brook, NY	DYNFLOW, DYNTRAC	Determine outfall location and time-transport of nitrogen from proposed upgrades to an existing wastewater treatment plant
Water Authority of Great Neck North Great Neck, NY	MODFLOW, MODPATH, MT3D	Review of modeling study performed by EPA to evaluate potential future impact to Well field from PCE plume. Identified serious flaws in model construction and implementation, which invalidated conclusions

PUBLICATIONS

Smart Pump & Treat Strategy for MTBE Impacting a Public Water Supply (14th Annual Conference on Contaminated Soils Proceedings, 1998)

Transport & Transformation of BTEX & MTBE in a Sand Aquifer (Groundwater Monitoring & Remediation 05/1998)

Characteristics of Gasoline Releases in the Water Table Aquifer of Long Island (Petroleum Hydrocarbons Conference Proceedings, 1999)

Field Applications of the Hydrocarbon Spill Screening Model (HSSM) (USEPA Interactive Modeling Web Course www.epa.gov/athens/software/training/webcourse Authored module on model application and applied use of calculators, 02/2000)

Comparative Evaluation of MTBE Sites on Long Island, US EPA Workshop on MTBE Bioremediation (Cincinnati, 02/2000)

Comparison of Four MTBE Plumes in the Upper Glacial Aquifer of Long Island (American Geophysical Union, San Francisco, 12/1996)

Analysis and Simulation of the Gasoline Spill at East Patchogue, New York (American Geophysical Union, San Francisco, 12/1998)

EBC

ENVIRONMENTAL BUSINESSS CONSULTANTS

Kevin R. Brussee, Project Manager

Professional Experience
EBC: January 2008
Prior: 5 years

Education
MS, Environmental Studies, University of Massachusetts, Lowell
BS, Environmental Science, Plattsburgh State University, NY

Areas of Expertise
- Site Investigations
- NYSDEC Spill Closure
- Gasoline/Fuel Oil Tank Removals
- NYC "E" Designations

Professional Certification
- OSHA 40-hr HAZMAT

PROFILE

Mr. Brussee has 5 years experience as an environmental consultant/contractor and has worked on and managed a wide range of environmental projects. Mr. Brussee has conducted Phase I, II and III Environmental Site Assessments for commercial, industrial, and residential properties in New York, Maryland and Delaware.

Mr. Brussee's field experience includes tank removal and installations, spill management and closure, soil and groundwater sampling, and both the oversight and operation of soil boring and well installation equipment. In addition, Mr. Brussee has performed project research, data reduction and evaluation, and has prepared reports for both regulatory and client use.

PREVIOUS EXPERIENCE

Eastern Environmental Solutions, Inc., Manorville, NY
Project Manager, 2006-2008

EA Engineering, Science & Technology
Hydrogeologist, 2005-2006

P.W. Grosser Consulting, Bohemia, NY
Field Hydrogeologist, 2002-2003

PUBLICATIONS

Chemical Stress Induced by Copper, Examination of a Biofilm System;
(Water Science Technology, 2006; 54(9): 191-199.)

ROBERT W SCARPA JR
ARCHITECT

345 EAST 73rd STREET NEW YORK NY 10021 TEL 212 988 5209 FAX 212 706 9131

RESUME

EMPLOYMENT

1/99-Present

ROBERT W SCARPA JR ARCHITECT
New York, New York

Principle

Since starting this firm I have been able to participate in a variety of projects ranging from corporate interiors, new multi-family and single family housing, renovations, additions, and new buildings. I have been the principle designer of many of these projects and have participated in them as the architect of record as well as a consultant to other design firms who did not have the expertise to complete the work. In addition I have been retained as a consultant by owners who required assistance in reviewing and supplementing the work of their design professionals who were not fully capable of developing their projects.

Projects have ranged in scale from $50,000 to $45,000,000.

6/95-12/98

SALSANO ASSOCIATES ARCHITECTS
New York, New York

Director of Design

Principal designer as well as director of professional staff in the preparation of design and construction documents and director of construction administration. Cultivated potential clients and obtained commissions for the firm. Hired staff and consultants.

Projects included new commercial and multi-family residential buildings, large scale corporate interiors, medical offices, showrooms, executive offices and facade renovation.

9/92-3/95

PLATT BYARD DOVELL ARCHITECTS
New York, New York

Project Manager

Senior staff position requiring management and training of junior staff, organizing project development and construction documents, coordinating multiple consultants, NYC building and zoning code analyses, as well as reporting to the firm's partners on office organization and quality control procedures.

Projects included core, office interiors, and showrooms for the Chanel building, 15 E. 57th Street, NYC ($35 million), a medical laboratory/ office building ($25 million), that was an adaptive reuse of a Tribeca perfume warehouse, several corporate interiors projects including trading rooms for a major Wall Street bank.

2/92-8-92

CONSULTANT IN PRIVATE PRACTICE

Prepared specifications for a 26 story Manhattan residential high-rise and completed a window replacement program for The Manhattan School of Music.

5/85-2/92

ULRICH FRANZEN & ASSOCIATES
New York, New York

Associate

Responsible for managing the firm's work as well as hiring, training and assigning staff. Duties included substantial client contact and construction administration. Experienced in the following: hiring and coordinating multiple consultants, acoustical design, lighting design, specification writing, and working with associated architectural and interior design firms. Directed all phases of projects from programming and schematic design through design development, construction documents, construction administration, and project close-out. Co-designer on projects with the firm's principal.

Projects managed ranged in scale from $1-15 million and included commercial buildings and office interiors, educational facilities including a dormitory, recital hall, music practice rooms and a library, restoration/ renovation both commercial and residential as well as single-family residential buildings including steel frame, wood frame and NYC apartments.

PROFESSIONAL REGISTRATION

New York State
New Jersey
NCARB Certificate

EDUCATION

Columbia University Graduate School of Architecture and Planning
Master of Science in Architecture, 1985

New York Institute of Technology, Old Westbury, New York
Bachelor of Architecture, Magna Cum Laude, 1984
Gold Medal for Architectural Design Excellence

TEACHING EXPERIENCE

Adjunct Assistant Professor of Architecture
New York Institute of Technology, Old Westbury, New York
Second Year Studio Critic, 1988-1990

Guest Critic
Parsons School of Design, 1998-2002
New York School of Interior Design, 1990-1997

ARIEL CZEMERINSKI, P.E.
P.O. Box 43
Albertson, NY 11507-0043
mobile (516) 987-1662
fax (516) 706-3214
Email: ariel@amc-engineering.com

SUMMARY:

New York State Professional Engineer. Results-oriented Chemical and Environmental Engineer, with 15 years of experience in the chemical and environmental areas. Areas of expertise include process control and automation, process optimization, productivity improvement, quality systems, environmental compliance, process and plant safety, and management of a production facility. A team player with excellent technical problem solving ability and strong communications skills. Registered PE in NY, IN, IL, and MI.

PROFESSIONAL EXPERIENCE:

1997-present AMC Engineering, PLLC. Roslyn Heights, NY (Organized in 2000).
Principal. Clients range from small car wash and Laundromat operators to multimillion-dollar chemical process companies.

- Engineering Consulting Services.
- Environmental Compliance, Permitting. Clean Water Act, Clean Air Act. Hazardous Materials.
- Chemical Process Design and Optimization. Process scale up.
- Wastewater Treatment systems.
- Design of cleaning compounds for the Transportation industry.
- Zoning regulations. Expediting Services. NYFD, NYC Buildings, NYSDEC, Suffolk County
- Safety and environmental training.
- Quality (ISO 9000) Management Systems: System auditing and implementation.
- Expert witness and testimony.

1994-2001 Axel Plastics Research Laboratories, Woodside, NY
Plant Manager
As the Plant Manager, I was responsible for all day-to-day operations. During my tenure at Axel I have accomplished the following:

- Designed and installed a powders blending facility, including materials handling, dust collection systems, mixers, and other processing equipment.
- Process scaled by a factor of 25.
- Identified major process improvement.
- Implemented a safety program, based on OSHA standards.
- Implemented a Company-wide Quality Management system (ISO 9000).
- Successfully addressed all environmental-related issues with local authorities.
- Trained all plant personnel in the use of new equipment, software, controllers and systems, and processes.
- Wrote all operating procedures and instructions. Designed and implemented an Intranet system with all information pertaining to day-to-day operations, for Company wide use.
- Planned production for the two plants and more than 140 lines of products.
- Maintained materials inventory.
- Managed all shipping/receiving operations.
- Managed all equipment and process maintenance.

1992-1994 Millennium Chemicals (SCM, Colors & Silica), Baltimore, MD.
Process Engineer and Project Manager.

- Process engineering, design, manufacturing and environmental control for the Silica Gel plant.
- Responsible for ISO 9000 certification. Wrote all procedures and instructions for the plant and maintenance.
- Conducted capital asset planning.
- During my stay At SCM Chemicals I introduced an SPC program. Its implementation enabled production to narrow down broad product specification and identify the variables that rendered the process out of control.
- The installation of an inline particle size analyzer helped the Company save $750,000 in waste product per year.

1990-1992 CROMPTON (WITCO) CORPORATION, POLYMER ADDITIVES, Taft, LA.
Process Development Engineer.

- Routine responsibilities were to develop new processes and optimize existing ones.
- Successfully designed and installed a distributed control system to remotely control an organic peroxides facility (Marshall, TX).
- Designed, erected and operated a Pilot Plant. It successfully brought to the market a pesticide, patented by Dupont and commercialized by Witco (Seenox).
- Conducted process simulation to identify process and product optimization.
- Designed process equipment (reactors, heat exchangers, pumps)

Summer 1989 CON EDISON - POWER GENERATION PLANT, Queens, NY.
Chemical Engineer. Summer internship.
Developed a comprehensive manual of operations of a boiler control system. Trained the station chemists on the use of the Chemical Information System, on which the manual was based.

1987-1988 VINISA S.A.I.C. - PVC COMPOUNDING, Buenos Aires, Argentina.
Production and Project Manager.
Coordinated production in VINISA's 3 compounding plants. Routine responsibilities included: Technical assistance to PVC compounders, Production organization, planning and control, production management.

EDUCATION:

1988-1990 COLUMBIA UNIVERSITY, New York, NY
M.S. Chemical Engineering, Feb. 1990.
Awarded Fellowship as a Teaching Assistant. Thesis: Optimal Periodic Control.

1981-1987 UNIVERSITY OF BUENOS AIRES, Buenos Aires, Argentina.
Chemical Engineer (six year program).
Graduated in top 3% of class.
Teaching Assistant of Inorganic Chemistry.
Thesis: Feasibility study for the production of pectin.
Fats and Oils refinery plant.

RICHARD J. POWERS

3096 Decatur Avenue, Bronx, New York 10467 Home (718) 547-7159 Cell (516) 250-5343 email: rjp3096@yahoo.com

My career goal is to obtain a position as a Director Of Design and Construction for a mid- sized construction company in the New York City metropolitan area.

MANAGEMENT

**** Construction * Operations * Facilities *Value Engineering *Analysis***

I am a professional with a proven successful track record in developing and managing operational systems, enhancing performance and quality of services rendered, and directing projects through completion, resulting in cost effective operations and profitability.

I am skilled in recognizing patterns and opportunities, identifying problems and initiating corrective action for resolution. I am systematic in defining objectives and coordinating available and potential resources. I am adept in presenting ideas and concepts to instruct, motivate, train, and empower staff and clients. I achieve results through analysis, attention to detail, follow through, and hands on participation.

B.P.S. Construction Management, The Pratt Institute 2003

EXPERIENCE

Coastal Builders Corp. / The Arker Companies., Woodmere, New York **2003 – Present**
Senior Project Manager. Last two projects successfully completed: $60 M renovation project of 816 apartments in three sites in Coney Island, N.Y. / Mixed use building, Bronx, N. Y. comprising 100 apartments and a 20,000 SF Staples store on a Brownfield site.

L & M Builders, Larchmont, New York **2001 – 2003**
Senior Superintendent / Project Manager. Successfully completed the gut renovation of 216 apartments in thirteen buildings on West 148th Street in Harlem. Project entailed combining all of the buildings into a single apartment building..

Kessler Assisted Living Centers, Bloomfield, New Jersey **1998 – 2001**
Director of Design and Construction. Oversaw the design and construction of assisted living and Alzheimer residences in New Jersey, Florida and Colorado. Oversaw the design and construction of the first LEEDS "green" assisted living facility in Chatham, New Jersey.

Wagman Construction Company, New York 1997 – 1998
Project Manager

The National Equity Fund, New York, New York 1995-1997
Facilities Manager – Responsible for construction management supervision and capital planning for national portfolio of eight thousand apartments. Trained asset managers and general partners in capital planning, construction and maintenance procedures.

Powers Contracting, Inc., Bronx, New York 1987 – 1995
President – Operated all phases of a general contracting and development business.

The Bodak Organization, Bronx, New York 1983 – 1986
Director of Maintenance and Construction

The National Association of Home Builders, Bronx, New York 1980 – 1983
Director of Vocational Training – Bronx Job Corps Center

Continuing Education Courses attended: (partial list)

- Building Inspections Course
- Environmental Regulation
- Design of Chemical Reactors
- Process Hazard Analysis
- Hazardous Materials Regulations
- Forklift Safety
- CPR Training
- Supervisors Training
- OSHA regulations
- ISO 9000
- Lead auditor training
- Wastewater Treatment System

ADDITIONAL INFORMATION

Past Chairman of the New York Section, AIChE (American Institute of Chemical Engineers).
Computer Literate: Process simulators, AutoCAD, Microsoft Office, Internet
Excellent communications skills. Fluent in Spanish.

APPENDIX - P

Citizens Participation Plan

New York State Department of Environmental Conservation

Brownfield Cleanup Program

Citizen Participation Plan
for
Former Dico G Auto & Truck Repair

3035 White Plains Road
Bronx, New York

August 2007

Contents

* * * * *

Note: The information presented in this Citizen Participation Plan was current as of the date of its approval by the New York State Department of Environmental Conservation. Portions of this Citizen Participation Plan may be revised during the brownfield site's remedial process.

Applicant: **Bedford Park Associates, LLC, Adee & Lester, LLP, 3035 White Plains Road Retail, LLC**
Site Name: **Former Dico G Auto & Truck Repair**
Site Address: **3035 White Plains Road**
Site County: **Bronx**
Site Number: **C203039**

1. What is New York's Brownfield Cleanup Program?

New York's Brownfield Cleanup Program (BCP) is designed to encourage the private sector to investigate, remediate (clean up) and redevelop brownfields. A brownfield is any real property where redevelopment or reuse may be complicated by the presence or potential presence of a contaminant. A brownfield typically is a former industrial or commercial property where operations may have resulted in environmental contamination. A brownfield can pose environmental, legal and financial burdens on a community. If the brownfield is not addressed, it can reduce property values in the area and affect economic development of nearby properties.

The BCP is administered by the New York State Department of Environmental Conservation (NYSDEC) which oversees Applicants that conduct brownfield site remedial activities.[1] An Applicant is a person whose request to participate in the BCP has been accepted by NYSDEC. The BCP contains investigation and remediation (cleanup) requirements, ensuring that cleanups protect public health and the environment. When NYSDEC certifies that these requirements have been met, the property can be reused or redeveloped for the intended use.

For more information about the BCP, go online at: **www.dec.state.ny.us/website/der/bcp .**

2. Citizen Participation Plan Overview

This Citizen Participation (CP) Plan provides members of the affected and interested public with information about how NYSDEC will inform and involve them during the investigation and remediation of the site identified above. The public information and involvement program will be carried out with assistance, as appropriate, from the Applicant.

Appendix A contains a map identifying the location of the site.

Project Contacts

Appendix B identifies NYSDEC project contact(s) to whom the public should address questions or request information about the site's remedial program. The public's suggestions about this CP

[1] "Remedial activities", "remedial action", and "remediation" are defined as all activities or actions undertaken to eliminate, remove, treat, abate, control, manage, or monitor contaminants at or coming from a brownfield site.

Plan and the CP program for the site are always welcome. Interested people are encouraged to share their ideas and suggestions with the project contacts at any time.

Document Repositories

The locations of the site's document repositories also are identified in Appendix B. The document repositories provide convenient access to important project documents for public review and comment.

Site Contact List

Appendix C contains the brownfield site contact list. This list has been developed to keep the community informed about, and involved in, the site's investigation and remediation process. The brownfield site contact list will be used periodically to distribute fact sheets that provide updates about the status of the project. These will include notifications of upcoming remedial activities at the site (such as fieldwork), as well as availability of project documents and announcements about public comment periods.

The brownfield site contact list includes, at a minimum:

- chief executive officer and official(s) principally involved with relevant zoning and planning matters of each county, city, town and village in which the site is located;
- residents, owners, and occupants of the site and properties adjacent to the site;
- the public water supplier which services the area in which the site is located;
- any person who has requested to be placed on the site contact list;
- the administrator of any school or day care facility located on or near the site for purposes of posting and/or dissemination of information at the facility;
- document repositories.

Where the site or adjacent real property contains multiple dwelling units, the Applicant will work with NYSDEC to develop an alternative method for providing such notice in lieu of mailing to each individual. For example, the owner of such a property that contains multiple dwellings may be requested to prominently display fact sheets and notices required to be developed during the site's remedial process. This procedure would substitute for the mailing of such notices and fact sheets, especially at locations where renters, tenants and other residents may number in the hundreds or thousands, making the mailing of such notices impractical.

The brownfield site contact list will be reviewed periodically and updated as appropriate. Individuals and organizations will be added to the site contact list upon request. Such requests should be submitted to the NYSDEC project contact(s) identified in Appendix B. Other additions to the brownfield site contact list may be made on a site-specific basis at the discretion of the NYSDEC project manager, in consultation with other NYSDEC staff as appropriate.

CP Activities

Appendix D identifies the CP activities, at a minimum, that have been and will be conducted during the site's remedial program. The flowchart in Appendix E shows how these CP activities

integrate with the site remedial process. The public is informed about these CP activities through fact sheets and notices developed at significant points in the site's remedial process.

- **Notices and fact sheets** help the interested and affected public to understand contamination issues related to a brownfield site, and the nature and progress of efforts to investigate and remediate a brownfield site.

- **Public forums, comment periods and contact with project managers** provide opportunities for the public to contribute information, opinions and perspectives that have potential to influence decisions about a brownfield site's investigation and remediation.

The public is encouraged to contact project staff at any time during the site's remedial process with questions, comments, or requests for information about the remedial program.

This CP Plan may be revised due to changes in major issues of public concern identified in Section 6. or in the nature and scope of remedial activities. Modifications may include additions to the brownfield site contact list and changes in planned citizen participation activities.

3. Site Information

The property known as the Former Dico G Auto & Truck Repair, located at 3001- 3035 White Plains Road, Bronx, NY, was accepted into the New York State Brownfield Cleanup Program (BCP) on July 30, 2007.

Site Description
The subject property address is 3035 White Plains Road. It is located on the west side of White Plains Road between Adee Avenue and Burke Avenue in the Bronx, New York. The site is designated as Section 4545, Lot 14 by the New York City Department of Assessment.

The subject property consists of a 16,880 ft^2 parcel, which is improved with a single-story 1,653 ft^2 masonry building with 3 service bays. The building was constructed in 1960 as a service station and is currently used as an auto repair shop. The property is surrounded by a 6-foot high chain link fence which also bisects the site just north of the service station building. The surrounding area is characterized by commercial businesses (mostly retail) along White Plains Road. Residential areas are located behind (east-west) this commercial corridor. An elevated section of the Metro-North Railway passes in front of the property, directly over White plains Road.

Site History

The property has been in continual service as a gasoline service station and / or auto repair shop since the building was constructed in 1960.

The site has an open spill file No. 99-00851 related to soil contamination discovered during the removal of twelve 550 gallon USTs in 1999. On December 29, 2007, gasoline contamination was encountered by a geotechnical drilling company advancing soil borings on the property to

determine the foundation requirements of a potential new building for the site. Based on these observations, a preliminary investigation was performed in which significant levels of volatile organic compounds (VOC) in soil and /or groundwater were identified at several locations on the property. These areas were associated with the location of known and suspected UST or dispenser areas.

Environmental History

A Phase I Environmental Site Assessment (ESA), in accordance with ASTM E 1527, was completed by Environmental Business Consultants (EBC) and documented in a report dated February, 2007. The Phase I ESA revealed that the property was historically used as an automotive service station from at least 1960 to 1999. Since 1999 the site has been used mainly as a truck and automotive repair shop and scrap yard. The records search identified two NYSDEC petroleum spill files, one of which remains open. The site inspection identified numerous environmental concerns including the improper storage of fuel oil, waste oil and automotive fluids.

The Phase I revealed the following recognized environmental conditions:

- The site has an open spill file No. 99-00851 related to soil contamination discovered during the removal of twelve 550 gallon USTs in 1999. No documentation regarding endpoint sampling, impacts to groundwater or other media was available.

- The improper storage of hazardous and non-hazardous materials including gasoline, fuel oil, automotive fluids and solvents.

- The outdoor storage of derelict vehicles, auto parts, scrap metals and trash.

- The presence of a surface drain with obvious staining around the structure.

- The historic use of the property as a gas station from 1960 to 1999, and as an automotive repair facility from 1960 to the present.

The Phase I concluded that the site has been impacted by petroleum products associated with underground leaking storage tanks, and that the potential exists for impacts to other areas of the site from the former dispenser system and associated piping, from the improper storage and use of petroleum products, solvents and automotive chemicals, and from the outdoor storage of derelict vehicles, auto parts and scrap metals.

The site is listed on the PBS database under the name Otis Petroleum (PBS No. 2-601449). The database lists the subject site as a PBS facility with 10 USTs closed on September 1, 1999.

The site is also listed on the NYSPILLS database. The database indicates that there are two spills associated with the site. The first spill (No. 98-07962) was reported to the DEC on September 29, 1998 due to complaints from customers about sand in gasoline purchased from the station.

According to the file, this spill was closed on March 3, 2003, in response to an internal directive to close out spills with no recent history.

The second spill (No. 99-00851) which is related to contamination found during removal of the underground storage tanks in April 1999, was reported to the DEC on April 22, 1999. According to the DEC records, the spill was not investigated and remains open.

On December 29, 2007, gasoline contamination was encountered by a geotechnical drilling company advancing soil borings on the property to determine the foundation requirements of a potential new building for the site. On January 3, 2007, EBC visited the site and directed the geotechnical company to collect new samples from the area in which the contamination was discovered. This area corresponded to the general location of a former dispenser island, according to the property owner. Based on discussions with the property owner, two more borings were installed at locations which corresponded roughly to the location of a second dispenser island and the former UST area.

Since the geotechnical contractor was not equipped to collect groundwater samples, EBC returned to the site on January 10, 2007 to obtain a groundwater sample near the south property line, in an area where the contractor had previously encountered groundwater. The groundwater sample was collected from a depth of approximately 9 feet using a track-mounted probing machine.

Elevated volatile organic compounds (VOCs) related to gasoline, were reported in the soil samples collected from the approximate location of the two former dispenser islands. In addition VOC compounds, associated with gasoline, were found in the groundwater sample in exceedance of the water quality standards.

Based on the results of soil and groundwater samples collected and the historic use of the site, the preliminary investigation concluded that the site had been impacted by its use as a service station and repair shop over the past 45 years. The report noted that the borings installed were located based on general guidance from the property owner and that they were unlikely to represent worst case conditions.

Groundwater from a single boring location was found to contain gasoline-related VOCs at levels significantly above water quality standards. Since the boring was located close to the south property line, the report concluded that it was highly likely that contaminated groundwater was migrating off of the property. The report noted that the sample was not believed to be hydraulically downgradient of the impacted soil areas, and, therefore, VOC concentrations may be considerably higher in other areas of the site or at off-site locations.

The report noted that other areas of the property may be affected with VOCs, SVOCs and metals due to materials stored at the site and recommended that a comprehensive investigation be performed encompassing all potentially affected media (soil, soil gas, groundwater). The report noted that because shallow soil and groundwater were affected, remedial action, and / or mitigation and control measures may be needed to prevent vapor intrusion, if the property is developed as intended.

4. Remedial Process

Note: See Appendix E for a flowchart of the brownfield site remedial process.

Application

The Applicant has applied for and been accepted into New York's Brownfield Cleanup Program as a Volunteer. This means that the Applicant was not responsible for the disposal or discharge of the contaminants or whose ownership or operation of the site took place after the discharge or disposal of contaminants. The Volunteer must fully characterize the nature and extent of contamination onsite, and must conduct a "qualitative exposure assessment," a process that characterizes the actual or potential exposures of people, fish and wildlife to contaminants on the site and to contamination that has migrated from the site.

The Applicant in its Application proposes that the site will be used for unrestricted purposes.

To achieve this goal, the Applicant will conduct remedial activities at the site with oversight provided by NYSDEC. The Brownfield Cleanup Agreement executed by NYSDEC and the Applicant sets forth the responsibilities of each party in conducting a remedial program at the site.

Investigation

If the Applicant conducts a remedial investigation (RI) of the site, it will be performed with NYSDEC oversight. The Applicant must develop a remedial investigation workplan, which is subject to public comment as noted in Appendix D. The goals of the investigation are as follows:

1) Define the nature and extent of contamination in soil, surface water, groundwater and any other impacted media;

2) Identify the source(s) of the contamination;

3) Assess the impact of the contamination on public health and/or the environment; and

4) Provide information to support the development of a Remedial Work Plan to address the contamination, or to support a conclusion that the contamination does not need to be addressed.

The Applicant will prepare an RI Report after it completes the RI. This report will summarize the results of the RI and will include the Applicant's recommendation of whether remediation is needed to address site-related contamination. The RI Report is subject to review and approval by NYSDEC. Before the RI Report is approved, a fact sheet that describes the RI Report will be sent to the site's contact list.

NYSDEC will determine if the site poses a significant threat to public health and/or the environment. If NYSDEC determines that the site is a "significant threat," a qualifying community group may apply for a Technical Assistance Grant (TAG). The purpose of a TAG is

to provide funds to the qualifying community group to obtain independent technical assistance. This assistance helps the TAG recipient to interpret and understand existing environmental information about the nature and extent of contamination related to the site and the development/implementation of a remedy.

An eligible community group must certify that its membership represents the interests of the community affected by the site, and that its members' health, economic well-being or enjoyment of the environment may be affected by a release or threatened release of contamination at the eligible site.

For more information about the TAG Program and the availability of TAGs, go online at: **www.dec.state.ny.us/website/der/guidance/tag/ .**

Remedy Selection

After NYSDEC approves the RI Report, the Applicant will be able to develop a Remedial Work Plan if remediation is required. The Remedial Work Plan describes how the Applicant would address the contamination related to the site.

The public will have the opportunity to review and comment on the draft Remedial Work Plan. The site contact list will be sent a fact sheet that describes the draft Remedial Work Plan and announces a 45-day public comment period. NYSDEC will factor this input into its decision to approve, reject or modify the draft Remedial Work Plan.

A public meeting may be held by NYSDEC about the proposed Remedial Work Plan if requested by the affected community and if significant substantive issues are raised about the draft Remedial Work Plan. Please note that, in order to request a public meeting, the health, economic well-being or enjoyment of the environment of those requesting the public meeting must be threatened or potentially threatened by the site. In addition, the request for the public meeting should be made within the first 30 days of the 45-day public comment period for the draft Remedial Work Plan. A public meeting also may be held at the discretion of the NYSDEC project manager in consultation with other NYSDEC staff as appropriate.

Construction

Approval of the Remedial Work Plan by NYSDEC will allow the Applicant to design and construct the alternative selected to remediate the site. The site contact list will receive notification before the start of site remediation. When the Applicant completes remedial activities, it will prepare a final engineering report that certifies that remediation requirements have been achieved or will be achieved within a specific time frame. NYSDEC will review the report to be certain that the remediation is protective of public health and the environment for the intended use of the site. The site contact list will receive a fact sheet that announces the completion of remedial activities and the review of the final engineering report.

Certificate of Completion and Site Management

Once NYSDEC approves the final engineering report, it will issue the Applicant a Certificate of Completion. This Certificate states that remediation goals have been achieved, and relieves the Applicant from future remedial liability, subject to statutory conditions. The Certificate also includes a description of any institutional and engineering controls or monitoring required by the approved remedial work plan. If the Applicant uses institutional controls or engineering controls to achieve remedial objectives, the site contact list will receive a fact sheet that discusses such controls.

An institutional control is a non-physical restriction on use of the brownfield site, such as a deed restriction that would prevent or restrict certain uses of the remediated property. An institutional control may be used when the remedial action leaves some contamination that makes the site suitable for some, but not all uses.

An engineering control is a physical barrier or method to manage contamination, such as a cap or vapor barrier.

Site management will be conducted by the Applicant as required. NYSDEC will provide appropriate oversight. Site management involves the institutional and engineering controls required for the brownfield site. Examples include: operation of a water treatment plant, maintenance of a cap or cover, and monitoring of groundwater quality.

5. Citizen Participation Activities

CP activities that have already occurred and are planned during the investigation and remediation of the site under the BCP are identified in Appendix D: Identification of Citizen Participation Activities. These activities also are identified in the flowchart of the BCP process in Appendix E. NYSDEC will ensure that these CP activities are conducted, with appropriate assistance from the Applicant.

All CP activities are conducted to provide the public with significant information about site findings and planned remedial activities, and some activities announce comment periods and request public input about important draft documents such as the Remedial Work Plan.

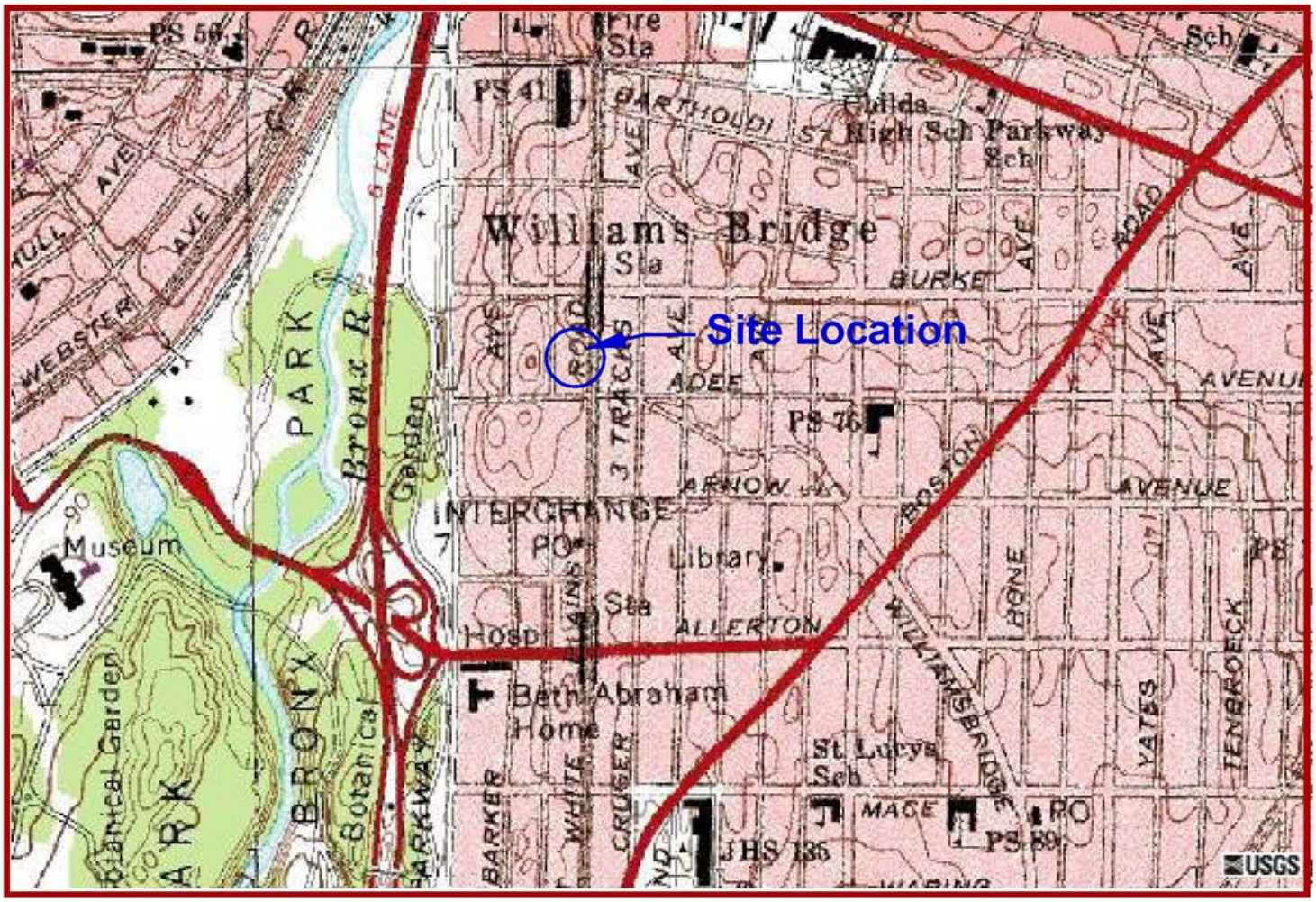
All written materials developed for the public will be reviewed and approved by NYSDEC for clarity and accuracy before they are distributed. Notices and fact sheets can be combined at the discretion, and with the approval of, NYSDEC.

6. Major Issues of Public Concern

This section of the CP Plan identifies major issues of public concern, if any, that relate to the site. Additional major issues of public concern may be identified during the site's remedial process.

Based on the presence of volatile organic compounds (from gasoline) in soil and groundwater at the site, gasoline vapors may be present in the ground above the contaminated soil and groundwater. If these vapors were to migrate off of the property, they could enter nearby basements in commercial buildings or residences.

Appendix A – Site Location Map



Appendix B – Project Contacts and Document Repositories

Project Contacts

For information about the site's remedial program, the public may contact any of the following project staff:

New York State Department of Environmental Conservation (NYSDEC):

Shaminder Singh
Project Manager
NYSDEC Region 2
Division of Environmental Remediation
47-40 21st Street
Long Island City, NY 11101
(718) 482-4909

New York State Department of Health (NYSDOH):

Gary Litwin
Project Manager
NYSDOH
Flanigan Square
547 River Street
Troy, NY 12180-2216

Document Repositories

The document repositories identified below have been established to provide the public with convenient access to important project documents:

New York Public Library - Allerton Branch
2740 Barnes Avenue
Bronx, NY10467

Phone: (718) 881-4240
Hours:

Mon	Tue	Wed	Thu	Fri	Sat	Sun
10-6	12-7	10-6	1-6	1-6	10-5	—

NYSDEC Region 2
Division of Environmental Remediation
47-40 21st Street
Long Island City, NY 11101
Shaminder Singh
Hours: M-F, 8am to 4:30pm
(call for appointment)

Appendix C – Brownfield Site Contact List

Local Government Contacts - Chief Executive Officer and Zoning Board Chairman

Bronx County
Chief Executive Officer (Borough President): Aldofo Carrion, Jr.
Address: 851 Grand Concourse, NY 10451
Phone: (718) 590-3500

Zoning Board Chairman: Planning and zoning for the County, which is a Borough of New York City, is under the responsibility of the NYC Department of City Planning (see below).

City of New York
Chief Executive Officer: Mayor Michael R. Bloomberg
Address: City Hall, New York, NY 10007
Phone: 311 (or 212-NEW-YORK outside NYC)

NYC Department of City Planning Chairman: Amanda M. Burden
Address: 22 Reade Street, New York, NY 10007-1216
Phone: (212) 720-3300
Bronx Borough Office Phone: (718) 220-8500

Local News Media
Bronx Press/Riverdale Review
6050 Riverdale Avenue
Bronx, NY 10471
Phone: (718) 543-5200
Fax: (718) 543-4206

Public Water Supplier
The New York City Department of Environmental Protection
Bureau of Water Supply
59-17 Junction Blvd.
Flushing, NY 11373

Schools and Daycare Facilities
P.S. 41 Gun Hill Road School - K to 5
3352 Olinville Ave
Bronx, New York 10467
Phone: (718) 652-3461
Principal: Erika Tobia

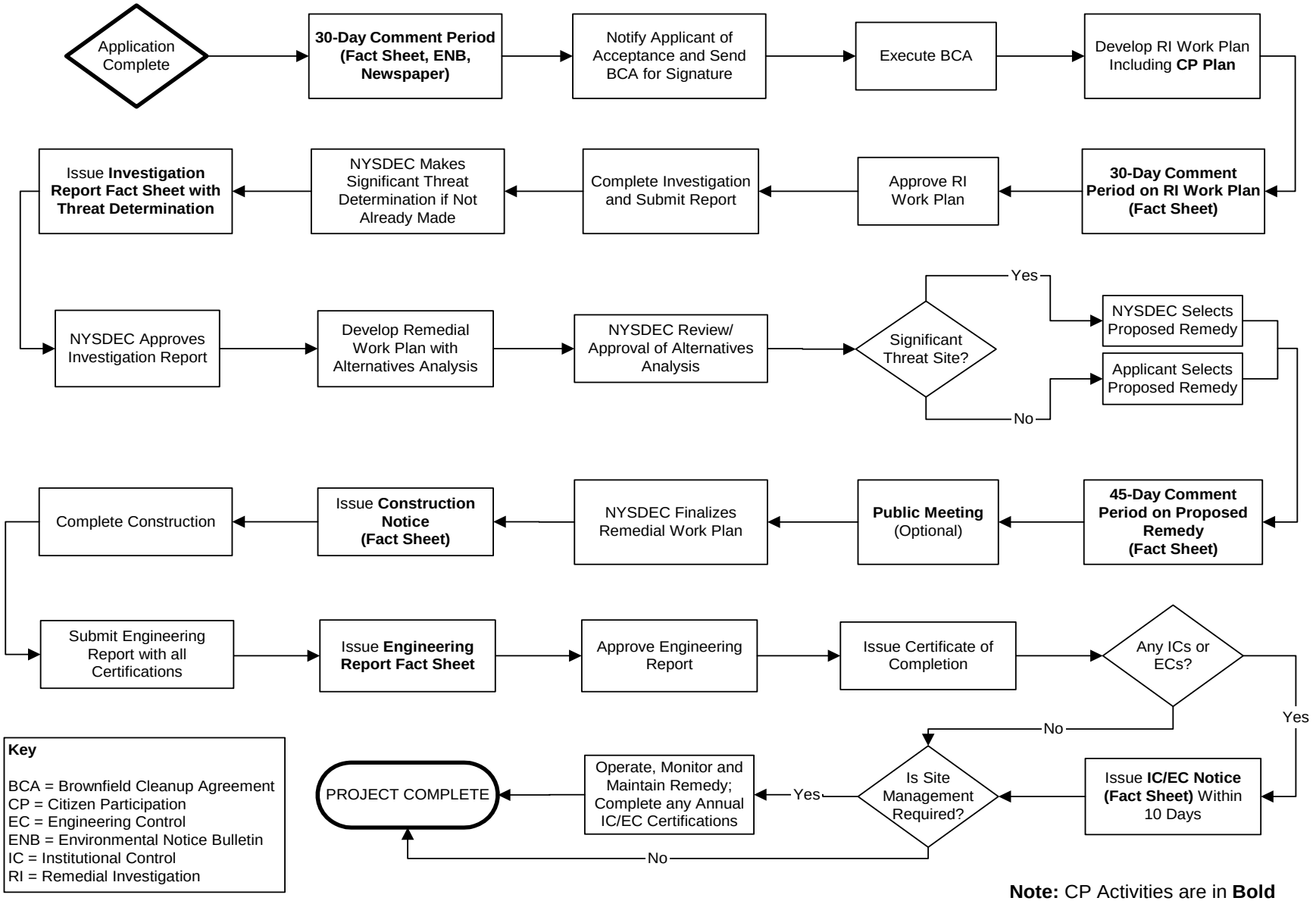
H.S. 425 Evander Childs High School
800 East Gun Hill Road
Bronx, NY 10467
Phone: (718) 519-7700
Principal: Monica Ortiz-Urena

Document Repository
New York Public Library - Allerton Branch
2740 Barnes Avenue
Bronx, NY10467
(718) 881-4240

Appendix D – Identification of Citizen Participation Activities

Required Citizen Participation (CP) Activities	CP Activities) Occur at this Point
Application Process:	
• Prepare brownfield site contact list (BSCL) • Establish document repositories	At time of preparation of application to participate in BCP.
• Publish notice in Environmental Notice Bulletin (ENB) announcing receipt of application and 30-day comment period	When NYSDEC determines that BCP application is complete. The 30-day comment period begins on date of publication of notice in ENB. End date of comment period is as stated in ENB notice. Therefore, ENB notice, newspaper notice and notice to the BSCL should be provided to the public at the same time.
After Execution of Brownfield Site Cleanup Agreement:	
• Prepare citizen participation (CP) plan	Draft CP Plan must be submitted within 20 days of entering Brownfield Site Cleanup Agreement. CP Plan must be approved by NYSDEC before distribution.
After Remedial Investigation (RI) Work Plan Received:	
• Mail fact sheet to BSCL about proposed RI activities and announcing 30-day public comment period on draft RI Work Plan	Before NYSDEC approves RI Work Plan. If RI Work Plan is submitted with application, comment periods will be combined and public notice will include fact sheet. 30-day comment period begins/ends as per dates identified in fact sheet.
After RI Completion:	
• Mail fact sheet to BSCL describing results of RI	Before NYSDEC approves RI Report.
After Remedial Work Plan (RWP) Received:	
• Mail fact sheet to BSCL about proposed RWP and announcing 45-day comment period • Public meeting by NYSDEC about proposed RWP (if requested by affected community or at discretion of NYSDEC project manager in consultation with other NYSDEC staff as appropriate)	Before NYSDEC approves RWP. 45-day comment period begins/ends as per dates identified in fact sheet. Public meeting would be held within the 45-day comment period.
After Approval of RWP:	
• Mail fact sheet to BSCL summarizing upcoming remedial construction	Before the start of remedial construction.
After Remedial Action Completed:	
• Mail fact sheet to BSCL announcing that remedial construction has been completed • Mail fact sheet to BSCL announcing issuance of Certificate of Completion (COC)	At the time NYSDEC approves Final Engineering Report. These two fact sheets should be combined when possible if there is not a delay in issuance of the COC.

Appendix E – Brownfield Cleanup Program Process



Note: CP Activities are in **Bold**

APPENDIX - Q

Permits and Agency Approvals

TABLE 6

Project Permit Listing

To Be Updated as Project Progresses

Permit	*Permit Number*	*Originating Agency*	*Pursuant to*	*Issued*	*Expires*	*Contact Phone*
Demo (Off Site Fill)	201136519-01-DM	NYC Dept of Buildings	Title 27 / Subchapter 19 [1905.0] Article 6 1039	10/17/2007	5/10/2008	
Demo (Construction Equip Fence)	201136519-01-EQ-FN	NYC Dept of Buildings	Title 27 / Subchapter 19 [1905.0] Article 6 1039	10/17/2007	12/31/2007	
New Building (On-Site Fill)	201130560-01-NB	NYC Dept of Buildings	Title 27 / Subchapter 1 §[C26-109.1] 27-147	11/16/2007	12/21/2007	
New Building (Construction Equip Fence)	201130560-01-EQ-FN	NYC Dept of Buildings	Title 27 / Subchapter 1 §[C26-110.1] 27-156	11/16/2007	12/31/2007	
Hydrant	483096	NYC Fire Dept	Title 27, Subchapter 19	11/5/2007	1/31/2008	
Hydrant	483097	NYC Fire Dept	Title 27, Subchapter 19	11/5/2007	1/31/2008	
Hydrant	483093	NYC Fire Dept	Title 27, Subchapter 19	11/5/2007	1/31/2008	
Hydrant	483094	NYC Fire Dept	Title 27, Subchapter 19	11/5/2007	1/31/2008	
Sewer Discharge	C-4335	NYCDEP		3/12/2008	3/12/2009	

APPENDIX - R

Air Monitoring Reports

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Damion Lawyer Date/time: 7 30 am 10/23/07

Instrument make & model: Photocheck / Ion Science

Calibration date:

Task of day/Locations Monitored
Installation of wells 3035 White Plains Road

Remarks:

Weather condition- 68° expecting rain this afternoon
Wind direction: South / South east
Sky cover: some clouds

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	7:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hour 1	8:00	0.0	0.3	0.0	0.0	0.0		
Hour 2								
Hour 3	10:00	0.0	0.5	0.3	0.0			
Hour 4								
Hour 5	12:00	0.0	0.1	0.1	0.0	0.0		
Hour 6	1:00	0.2	0.1	0.0	0.3			
Hour 7	2:00	0.5	0.0	0.0	0.5	0.0		
Hour 8	3:00							
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or No

Dust Suppression technique used:

Monitoring results and comments:

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Damion Lawyer Date/time: 10/24/07

Instrument make & model: Ion Science Phocheck +

Calibration date:

Task of day/Locations Monitored: 3035 White Plains Road
Monitoring wells drilling MW7 –

Remarks: Raining overcast

Weather condition- Rain in am, overcast
Wind direction:
Sky cover:

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	8 80	0.0	0.1	0.0	8.5	0.0		
Hour 1	9 00	0.1	2.1	0.3	6.3	4.2		
Hour 2	10 00	0.0	1.0	0.4				
Hour 3	11 45	0.0	0.2	0.0	0.4	0.1	monitoring well auger reads 1133 ppm	
Hour 4								
Hour 5								
Hour 6								
Hour 7								
Hour 8								
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or No

Dust Suppression technique used:

Monitoring results and comments:

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Damion Lawyer Date/time: 10/25/07

Instrument make & model: Ion Science Phocheck +

Calibration date: _____

Task of day/Locations Monitored
3035 WPR air monitoring during drilling for monitoring wells.

Remarks: Rainy, winds out of south west, then shifting ~~from~~ to Northeast/west...

Weather condition-
Wind direction:
Sky cover:

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	7 00	N.A.	N.A.	N.A.	N.A.*			
Hour 1	8 00	0.0	0.0	0.0	0.0	0.3		
Hour 2	9 00	0.0	0.0	0.0	0.0	0.0		
Hour 3	10 15	0.0	0.0	0.0	0.0	0.2		
Hour 4	11 45	0.0	0.0	0.0	0.0	0.0		
Hour 5	12 50	0.0	0.0	0.0	0.0	0.0		
Hour 6	1 35	0.0	0.0	0.0	0.0	0.0		
Hour 7	1 50							
Hour 8	3							
Hour 9								
Hour 10								

* too wet for readings

Dust suppressant necessary: Yes or No

Dust Suppression technique used:

Monitoring results and comments:

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

3035 WPR

Daily Air Monitoring Record Form

Site safety officer: C. Soik Date/time: 1/2/08

Instrument make & model: Ion Science 1090

Calibration date:

Task of day/Locations Monitored
Excavate in ~~North~~ Southern 1/2 of property
Monitor perimeter + PID for VOC

Remarks:
Slight petro odor (gas) noted when loading

Weather condition- Cold 31°
Wind direction: NW - Breezy
Sky cover: ~~Clear~~ Cloudy

Air monitoring locations Pit

	Time	North	East	South	West	Center	Other	Other
Pre-start	8AM	0.0	0.0	0.0	0.0		0.0	
Hour 1	9	0.0	0.0	0.0	0.0		0.1	
Hour 2	10	0.0	0.0	0.0	0.0		0.0	
Hour 3	11	0.0	0.0	0.0	0.0		0.1	
Hour 4	12	0.0	0.0	0.0	0.0		0.3	
Hour 5	1	0.0	0.0	0.0	0.0		0.1	
Hour 6								
Hour 7								
Hour 8								
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:

Monitoring results and comments:
No Dust, soil damp

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: C. Sosik Date/time: 1/3/08

Instrument make & model Ion Science 100D

Calibration date

Task of day/Locations Monitored
Continue Excavation in Southern 1/3 of property
Monitor Perimeter + Pit for VOCs
Dust not expected to be a problem due to weather Cond.

Remarks:

Weather condition- Very Cold → 14° to 21°
Wind direction: From NW
Sky cover: Clear

Air monitoring locations Pit

	Time	North	East	South	West	Center	Other	Other
Pre-start	7:15	0.0	0.0	0.0	0.0		0.0	
Hour 1	8:00	0.0	0.0	0.0	0.0		0.0	
Hour 2	9:00	0.0	0.0	0.0	0.0		0.0	
Hour 3	10:00	0.0	0.0	0.0	0.0		0.0	
Hour 4	11:00	0.0	0.1	0.3	0.0		2.4	
Hour 5								
Hour 6								
Hour 7								
Hour 8								
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:

Monitoring results and comments:
Slight gasoline odor along southern fence line + in Pit near Soil Pile.

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

3035 WPR

Daily Air Monitoring Record Form

Site safety officer: C. Sosik Date/time: 1/4/08

Instrument make & model: Ion Science 1000

Calibration date:

Task of day/Locations Monitored: Continue to excavate southern 1/3 of site

Remarks:

Weather condition- Cold
Wind direction: Breezy - light NW
Sky cover: Clear -

Air monitoring locations

* low Pit, * high Pit

	Time	North	East	South	West	Center	Other	Other
Pre-start	7:30	0.0	0.0	0.0	0.0		0.1	0.1
Hour 1	8:30	0.0	0.0 to 0.6	0.0	0.0		0.1 to 1.4	1.1
Hour 2	9:30	0.0	0.0	0.0	0.0		0.0	3.4
Hour 3	10:30	0.0	0.0/1.5	0.0/0.3	0.0		0.1	3.8
Hour 4	11:30	0.0	0.0/2.7	0.4/4.7	0.0		0.5	3.4
Hour 5	12:30	0.0	0.0/6.0	0.4/1.1	0.0		0.1	2.8
Hour 6	1:30	0.0	0.0	0.1/0.4	0.0		0.1	1.9
Hour 7	2:30	0.0	0.0	0.1/0.3	0.0		0.1	2.2
Hour 8								
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:

Monitoring results and comments:
* High range represent spike while loading. Not a sustained reading. Gasoline odor noted in Pit next to soil pile. Slight odor along East & South fence line while loading.

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: _____ Date/time: Jan 21, 2008 700

Instrument make & model Ion Science PID Check 1000+

Calibration date _____

Task of day/Locations Monitored 3035 White Plains Rd.

Remarks:
No work Due to Cold Shut Down @ 930 AM
Machine Down No Hammer.

Weather condition- 15° AM
Wind direction: None
Sky cover: Clear

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	700	0	0	0	0	0		
Hour 1								
Hour 2								
Hour 3								
Hour 4								
Hour 5								
Hour 6								
Hour 7								
Hour 8								
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:

Monitoring results and comments:

EBC

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: _____ Date/time: JAN 24, 2008 7AM

Instrument make & model: Ion Science Pid Check 1220 +

Calibration date: _____

Task of day/Locations Monitored: 3035 Whiteplains Rd Bronx
Monitored all sides of Rock Boring Broken & all sides of Fill Boring Hole

Remarks:
Breaking Rock with Ram the Gas Pockets Trapped in Rock Fishtook. Fill over Rock with Dispersed High odors

Weather condition- 28° AM 36 PM
Wind direction: No Wind
Sky cover: Clear AM Cloudy PM

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other (Fill Pile)
Pre-start	700	0	0	0	0			
Hour 1	800	0	0	0	0	0		
Hour 2	900	0	0	0	0	0		0
Hour 3	1000	0	0	0	0	0		1.6
Hour 4	1100	2.1	1.8	2.4	2.1	At Fill 4.6		2.1
Hour 5 Rock	1200	3.8	2.9	1.8	1.8	4.6		2.3 All sides
Hour 6 Rock	1300	0	0	0	0	0		0 All sides
Hour 7	1400	1.0	.5	0	0			1.4 South side only
Hour 8	1500	.5	0	.5	0	0		1
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:

Monitoring results and comments:
800 Slight Shell; Readings at 5 Feet 0, at 1 Feet 4.8 @ Fill Pile
1000 Readings at Fill Hole 39-42 Dissipating to 1.6
1100 85-90 2.1
1100 Readings at Rock Boring Broken 45 4.6 → 2.1
1300 At initial break 22 Dissipated to 0

EBC

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: _____ Date/time: JAN 25 2008 6:30AM

Instrument make & model: ION SCIENCE PHO CHECK 101 ~~101~~

Calibration date: _____

Task of day/Locations Monitored: 3035 WHITEPLAINS RD BRONX
MONITOR ALL SIDES OF FILL PILE BEING LOADED OUT.
MONITOR ALL ROCK BEING BROKEN OFF FLOOR & SIDES OF EXCAVATION

Remarks:
MACHINE BREAKDOWN 1HR
28 LOADS CONTAMINATED FILL & ROCK REMOVED

Weather condition- 22°AM 34°PM
Wind direction: NONE to OUT OF NORTH
Sky cover: CLEAR

Air monitoring locations — FILL PILE

	Time	North	East	South	West	Center	Other	Other
Pre-start	700	0	0	0	0	0		0
Hour 1	800	0	0	0	0			0
Hour 2	900	.5	1.0	.3	.1	.7		1.0
Hour 3	1000	.5	0	0	0	0		0
Hour 4	11:00	2.4	3	3.4	3			3.2
Hour 5	12:00	3.1	3	4.8	2.4			3.8
Hour 6	1300	0	0	0	0	0		0
Hour 7	1400	0	0	0	0	0		0
Hour 8	1500	0	0	0	0	0		0
Hour 9								
Hour 10								

THIS READING AT FILL. AT FILL PILE

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:
NO DUST CREATED

Monitoring results and comments:
FILL FLOOR SW CORNER READING 2-2.5 LATER RESTRICTED READING 3.5-2.4 @ 1PM
BUSTED ROCK @ 11:20 READ-0-
@ 12:00 11.5 → 3.1
ROCK READING AT FILL PILE @ 12:00 1.5 → 2.8

EBC

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: _____ Date/time: Jan 28, 2008

Instrument make & model Ion Science PhoCheck 6000+

Calibration date _____

Task of day/Locations Monitored 385 W White Plains Rd Bronx

Remarks:
Stock Piles Contaminate Dirt on Top of Clorox Rock

Weather condition- 29° AM 41° PM
Wind direction: No Wind @ Winds From South @ Slight to Mode
Sky cover: Clear Sunny AM

Air monitoring locations North Side of Hole Other Area

	Time	North	East	South	West	Center	Other	Other
Pre-start	7:00	0	0	0	0	0		
Hour 1	8:00	0	0	0	0	0		
Hour 2	9:00	0	1.2	0	3.4		1	
Hour 3	10:00	0	0	0	0		3.1 → 2.0	
Hour 4	11:00	No	Activity					
Hour 5	12:00	0	0	0	0	0	0	
Hour 6	13:00	0	0	0	0	0	0	
Hour 7	14:00	15.8 → 0	0	0	0	0		
Hour 8	15:00	0	2.4 → 0	2.4 → 0	1.5 → 0		5.8 → 0	
Hour 9								
Hour 10								

Chip Area

Chip Area Piles

Dust suppressant necessary: Yes or (No)

10:30 - 11:30 Taking Technology Bucket to Handler on Crane Machine
Crane Machine Down Till 12:00

Monitoring results and comments:
9:00 West Side of Rock & Dirt Piles 3.4 → 2.1
14:00 North Side of Chip Area Pockets 15.8 → 0

EBC

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: _____ Date/time: JAN 29, 2008 7AM

Instrument make & model: ION SCIENCE PHOCHECK 1000+

Calibration date: _____

Task of day/Locations Monitored 3035 WHITE PLAINS RD BRONX
MONITOR NORTH SIDE OF HOLE WHERE ROCK CHIPPING BEING DONE
MONITOR FILL PILE W/CONTAMINATED DIRT & ROCK BEING SEPARATED

Remarks:
PUT LARGE HAMMER ON LG. MACHINE START CHIPPING BOTTOM TO GRADE
SEPARATED ROCK FROM CONTAMINATED FILL

Weather condition- 33° AM 45 PM SCATTERED SHOWERS
Wind direction: NO WIND
Sky cover: CLEAR (AM) CLOUDY (PM)

Air monitoring locations: PILE N CHIPS CHIPS W BOTTOM

	Time	North	East	South	West	Center	Other	Other	
Pre-start	700	0	0	0	0	0			
Hour 1	800	0	0	0	0	0			
Hour 2	900	0	0	0	0	2.4-0	0	0	
Hour 3	1000	0	.5	1.0	0	8.5 7.0	0	4 7.0	
Hour 4	1100	0	0	0	0	8.5	0	8	3.5 N.W.
Hour 5	1200	0	0	.5	1.5	0	0	0	0 N.W.
Hour 6	1300	0	0	0	0	0	0	0	0
Hour 7	1400	0	.8	.6	1	0			0
Hour 8	1500	-.5	-.5	0	0				0
Hour 9									
Hour 10									

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:

Monitoring results and comments:
SOURCE SPIKES OF 15 & 8.5 IN NORTH WEST SIDE OF WALL
AT 10:00 & 11:00 DISIPATED TO 0

EBC

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: _____ Date/time: JAN 30, 2008 630

Instrument make & model: THERMO SCIENCE MICROMAX 1000+

Calibration date: _____

Task of day/Locations Monitored 3035 WHITE PLAINS RD BRONX
HEATH NORTHWEST SIDE OF WORK BEING CHIPPED
REMOVE ROCK AND FILL PILE BEING SORTED

Remarks:
LOADING OUT ROCK & SEPARATING ROCK FROM FILL
CHIPPING OUT NW CORNER OF EXCAVATION
14 LOADS ROCK REMOVED

Weather condition- 42° AM SHOWERS (AM) 47 (PM)
Wind direction: NONE to OUT OF THE NORTH (AM) WINDS OUT OF NORTHWEST (PM)
Sky cover: OVERCAST (AM) SUNNY (PM)

Air monitoring locations — NORTHWEST CORNER

	Time	North	East	South	West	Center	Other	Other
Pre-start	700	0	0	0	0	0		
Hour 1	800	0	0	0	0		0	0
Hour 2	900	0	0	0	0		0	0
Hour 3	1000	0	0	0	0		0	0
Hour 4	1100	0	0	0	0		0	0
Hour 5	1200	0	0	0	0		0	0
Hour 6	1300	0	0	0	0		0	0
Hour 7	1400	0	0	0	0		0	0
Hour 8	1500	0	0	0	0		0	0
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:

Monitoring results and comments:
NO ODORS DETECTED OR PICKED UP BY MONITOR

EBC

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: _____ Date/time: JAN 31 2008 6:30

Instrument make & model: Ion Science PhoCheck 10004

Calibration date: _____

Task of day/Locations Monitored: 3035 Whitesplains Rd Bronx
Monitor Area Around Fill Pile Being Removed
Monitor Northwest Section Being Chipped

Remarks:
28 Loads Contaminated Fill Removed
7 Loads Clean Rock Removed

Weather condition- 29° F
Wind direction: No Wind
Sky cover: Clear Sunny

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	700	0	0	0	0		0	0
Hour 1	800	0	.5	1	.5		0	0
Hour 2	900	0	0	.5	1		0	0
Hour 3	1000	0	0	0	0		0	0
Hour 4	1100	0	.5	.5	0		0	0
Hour 5	1200	0	1	.5	0		0	0
Hour 6	1300	0	1	1.5	1		0	0
Hour 7	1400	0	.5	1	0		0	0
Hour 8	1500							
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:

Monitoring results and comments:

EBC

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: _____ Date/time: FEB 1, 2008 6:30

Instrument make & model: DAN SENSOR PHOCHECK 1000+

Calibration date: _____

Task of day/Locations Monitored: 3035 WHITE PLAINS RD BRONX
MONITOR ROCK PILE BEING REMOVED
MONITOR ROCK STOCKPILED FROM HERE
MONITOR BOTTOM BEING CHIPPED

Remarks:
13 LOADS CLEAN ROCK REMOVED
CLEAN CHIPPED ROCK FROM HERE & STOCKPILE
CHIP BOTTOM FOR SUB GRADE
EXCAVATOR W/ROCKET DOWN 1½ HRS FIX TRACK. (TRACK)

Weather condition- 35° AM RAIN.
Wind direction: NORTH EAST
Sky cover: OVERCAST

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	700	0	0	0	0			
Hour 1	800	0	0	0	0			
Hour 2	900	0.5	0	0	0			
Hour 3	1000	0	0	0	0			
Hour 4	1100	0	0	0	0			
Hour 5	1200	0	0	0	0			
Hour 6	1300	0	0	0	0			
Hour 7	1400	0	0	0	0			
Hour 8	1500	0	0	0	0			
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:

Monitoring results and comments:

EBC

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: _____ Date/time: FEB 4, 2008 6:30

Instrument make & model: Ion Science PhoCheck 1000+

Calibration date: _____

Task of day/Locations Monitored 3035 WHITE PLAINS RD BRONX
MONITOR ROCK PILE BOING LOADS OUT.
MONITOR BOTTOM BOING CHIPPED

Remarks:
14 LOADS CLEAN ROCK REMOVED
NORTH SIDE OF HOLE CHIPPED DOWN.

Weather condition- 38° SNOW SHOWERS (AM) 38pm NO SNOW
Wind direction: NO WIND
Sky cover: OVERCAST

Air monitoring locations — Rock Pile

	Time	North	East	South	West	Center	Other	Other
Pre-start	700	0	0	0	0			0
Hour 1	800	0	0	0	0			0
Hour 2	900	4.5	0	0	0			
Hour 3	1000	5.1	0	0	0			
Hour 4	1100	1	0	0	0			0
Hour 5	1200	.5	1	0	0			0
Hour 6	1300	0	0	0	0			
Hour 7	1400	2.1	4.9	0	0			0
Hour 8	1500	1.5	3.0	0	0			0
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:

Monitoring results and comments:
900 4.5 NORTH CENTRAL PART OF BOTTOM BOING CHIPPED (BY NORTH VERT. WALL)
1000 5.1

EBC

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: _____ Date/time: FEB 5, 2008 6:30

Instrument make & model: ION SCIENCE PHOCHECK 10000

Calibration date: _____

Task of day/Locations Monitored: 3035 WHITE PLAINS RD BRONX
MONITOR FILL BOXING LOAD OUT FOR DISPOSAL
MONITOR HOLE BOXING CHIPPING

Remarks:
LARGE EXCAVATOR W/HAMMER DOZER FIXING TRACKS 7:30 - 10:30
14 LOADS CONTAMINATED FILL REMOVED
CHIP BOTTOM FOR SUBGRADE, CHIP NORTH WALL to SUB GRADE
STOCK PILE ROCK FROM HOLE ON TOP

Weather condition- 45° SLIGHT SHOWERS (AM) 50° SHOWERS (PM)
Wind direction: NO WIND (AM) NO WIND (PM)
Sky cover: OVERCAST

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other (FILL PILE)
Pre-start	700	0	0	0	0			0
Hour 1	800	0	0	0	0			.1
Hour 2	900	0	0	0	0			0
Hour 3	1000	0	0	0	0			0
Hour 4	1100	0	0	0	0			.2
Hour 5	1200	0	0	0	0			0
Hour 6	1300	0	0	0	0			0
Hour 7	1400	0	0	0	0			0
Hour 8	1500	0	0	0	0			
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used: _____

Monitoring results and comments:
NO ODORS W/MINIMAL READINGS

EBC

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: _____ Date/time: FEB 6, 2008 6:30

Instrument make & model TOX SCIENCE PHOCHECK 1000+

Calibration date _____

Task of day/Locations Monitored 3035 WHITE PLAINS RD BRONX
MONITOR ROCK PICK BEING LOADED OUT, RAMP SECTION (3 TRUCKS)
NORTH WALL SET BACKS.

Remarks:
EXCAVATOR FOR LOADING DUST WITH TANK-RAM
CHOP OUT RAMP ON WEST SIDE, CHIP BOTTOM. 4 LOADS OUT RAMP ROCK
24 LOADS CLEAN ROCK REMOVED
CHIP SETBACKS IN NORTH WALL

Weather condition- 45° SHOWERS (RAIN) 60° SCATTERED SHOWERS (RAIN)
Wind direction: NO WIND.
Sky cover: OVERCAST

Air monitoring location: ~~BOTTOM~~ N. WALL RAMP

	Time	North	East	South	West	Center	Other	Other
Pre-start	700	0	0	0	0			0
Hour 1	800	0	0	0	0			0
Hour 2	900	0	.5	1.5	0	0		0
Hour 3	1000	1	.0	1.5	2.0	0	0	0
Hour 4	1100	0	0	0	0		0	0
Hour 5	1200	0	0	0	0		0	0
Hour 6	1300	0	0	0	0		0	0
Hour 7	1400	0	0	0	0	0	0	0
Hour 8	1500	0	0	0	0		0	0
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:

Monitoring results and comments:

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

SITE: 3035 White Plains Rd Bronx (Brownfield)

Daily Air Monitoring Record Form

Site safety officer: Rich Bombard Date/time: 2-28-08

Instrument make & model: Ion Science Rhocheck +1000

Calibration date:

Task of day/Locations Monitored
Monitor
Trucks -
H2O Samples -
Remarks:

Trucks 10WHEELER — Rock only 2 LOADS

Weather condition- 20°F
Wind direction: N
Sky cover: clear

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	6:30 AM							
Hour 1	7:	0	0	0	0			
Hour 2	8	0	0	0	0			
Hour 3	9	0	0	0	0			
Hour 4	10	0	0	0	0			
Hour 5	11	0	0	0	0			
Hour 6	12	0	0	0	0			
Hour 7	1	0	0	0	0			
Hour 8	2	0	0	0	0			
Hour 9	3	0	0	0	0			
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:
N/A

Monitoring results and comments: PH 11.3 PPM 187 8°C
No VOC Readings

PHOTOS ✓ WITNESSES ✓ Porta Potti - Monitor - initials J.T. - did maint. on 3 Porta Potti's (CALL-A-HEAD (800) 634 2085) DROPPED approx. 12 Blue chemical DISC'S into water @ SITE !

(DAMEON coming 3 PM w/ PH TESTER & Sample Jars)

Truck - US NATL - LLC # 7 - LOAD # Rock only

Site: Bronx — 3035 Whitepl

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Rich Bombard Date/time: 2-29-08

Instrument make & model: Ion Science Pho check + 1000

Calibration date:

Task of day/Locations Monitored
Monitor air, Excav.
Trucks - info.

Remarks:
No Trucks —

Weather condition- 25° F
Wind direction: N. 5mph
Sky cover: CLEAR

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	6:30 AM							
Hour 1	7:	0	0	0	0			
Hour 2	8:	0	0	0	0			
Hour 3	9:	0	0	0	0			
Hour 4	10:	0	0	0	0			
Hour 5	11:	0	0	0	0			
Hour 6	12	0	0	0	0			
Hour 7	1	0	0	0	0			
Hour 8	2	0	0	0	0			
Hour 9	3	0	0	0	0			
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:
N/A

Monitoring results and comments:
P.E Ariel → No show.
H20 Sample to American Analytical Lab.

SITE: 3035 White Plains Rd. Bronx

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Rich Bombardo Date/time: 3/3/08

Instrument make & model: Ion Science Rhocheck +1000

Calibration date:

Task of day/Locations Monitored: Monitor N.S.E.W. AIR-W/PID, VISUAL, Trucks info.

Remarks:

Weather condition- 39° F
Wind direction: S/E 5mph
Sky cover: CLEAR

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	6:30AM							
Hour 1	7:	0	0	0	0	0		
Hour 2	8	0	0	0	0	0		
Hour 3	9	0	0	0	0	0		
Hour 4	10	0	0	0	0	0		
Hour 5	11	0	0	0	0	0		
Hour 6	12	0	0	0	0	0		
Hour 7	1	0	0	0	0	0		
Hour 8	2	0	0	0	0	0		
Hour 9	3							
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:

Monitoring results and comments:
No VOC READING, No Trucks -
* Waiting on DEWater Permit - (Rich Powers)
H2O results due from LAB - American Analytical

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Site: Bronx 3035 White Plains Rd

Daily Air Monitoring Record Form

Site safety officer: Josh Bombard Date/time: 3/4/08

Instrument make & model: Ion Science Photocheck+1000

Calibration date:

Task of day/Locations Monitored: Monitor N,S,E,W, w/PID, Visual, Truck ops

Remarks: No Trucks -

Weather condition- 43° f
Wind direction: calm
Sky cover: clear -

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	6:30 AM							
Hour 1	7:	0	0	0	0	0		
Hour 2	8	0	0	0	0	0		
Hour 3	9	0	0	0	0	0		
Hour 4	10	0	0	0	0	0		
Hour 5	11	0	0	0	0	0		
Hour 6	12	0	0	0	0	0		
Hour 7	1	0	0	0	0	0		
Hour 8	2	0	0	0	0	0		
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:

Monitoring results and comments: No VOC Readings

Site: 3035 White Plains Rd Bronx

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Rick Bombard Date/time: 3-5-08

Instrument make & model: ion Science Photoracle +1000

Calibration date:

Task of day/Locations Monitored: Monitor NSEW w/PID, Visual, Truck info, Photos

Remarks:

Weather condition- 40° F — 48° F
Wind direction: SE 5MPH
Sky cover: AM LT. Rain / PM: Partly cloudy

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	6:45 AM							
Hour 1	7	0	0	0	0	0		
Hour 2	8	0	0	0	0	0		
Hour 3	9	0	0	0	0	0		
Hour 4	10	0	0	0	0	0		
Hour 5	11	0	0	0	0	0		
Hour 6	12	0	0	0	0	0		
Hour 7	1	0	0	0	0	0		
Hour 8	2							
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:
N/A.

Monitoring results and comments:
RESULTS from LAB (H2O) UNDETECTED (BENZENE ONLY)
Aerial → To advise Permit status for Dewater Permit
NO VOC READINGS -
Rick P → FM: AM Trucks - make arrangements Qty TBA
↳ for Clean Earth, N.J.

Site: 3035 White Plains Rd. Bronx

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Jack Bombard Date/time: 3-6-08

Instrument make & model: Ion Science Photocheck +1000

Calibration date:

Task of day/Locations Monitored:
Monitor N,S,E,W, w/PID, Visual, Truck ins.

Remarks: ~~* NEED Manifests~~
(REQ. Trucks for Fri 7th - 18 LOADS.)

Weather condition- 37° F
Wind direction: NW 5 mph.
Sky cover: partly cloudy

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	6:30 AM						—	—
Hour 1	7	0	0	0	0	0		
Hour 2	8	0	0	0	0	0		
Hour 3	9	0.2	0	0	0	0		
Hour 4	10	0.1	0	0	0	0		
Hour 5	11	0.1	0	0	0	0		
Hour 6	12	0.2	0	0	0	0		
Hour 7	1	0	0	0	0	0		
Hour 8	2	0	0	0	0	0		
Hour 9	3							
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used: N/A

Monitoring results and comments:
No VOC READINGS

No TRUCKS OUT

Site: 3035 White Plains Rd Bronx

FSC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Rich Bombard Date/time: 3-7-08

Instrument make & model Ion Science Phocheck 1000+

Calibration date

Task of day/Locations Monitored
Monitor ASE W. w/PID, Visual, Truck info - sign Manifests

Remarks:

Weather condition- 32°F
Wind direction: CALM
Sky cover: Partly cloudy

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	0730 AM							
Hour 1	7	0	0	0	0	0		
Hour 2	8	0	0	0	0	0		
Hour 3	9	0	0	0	0	0		
Hour 4	10	0	0	0	0	0		
Hour 5	11	0	0	0	0	0		
Hour 6	12	0	0	0	0	0		
Hour 7	1	0	0	0	0	0		
Hour 8	2	0	0	0	0	0		
Hour 9	3	0	0	0	0	0		
Hour 10								

Dust suppressant necessary: (Yes) or No

Dust Suppression technique used: Hose-down

Monitoring results and comments:
- No VOC Readings
- Dewater Permit still pending (Awaiting to advise)
- TRUCKS → Soil contaminated to Clean Earth Carteret, N.J. 18 LOADS
- TRUCK Rock only - 2 LOADS

Site: 3035 White Plains Rd
Bronx

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Ed Bombard Date/time: 3-10-08

Instrument make & model Ion Science Phocheck 1000+

Calibration date

Task of day/Locations Monitored
Monitor NSEW w/PID, Vault, Trucks

Remarks:
Trucks - Rock only (5) Total Loads out 15 Tilcon

Weather condition- 31°F
Wind direction: NW 10 mph
Sky cover: clear

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	6:45AM							
Hour 1	7	0	0	0	0	0		
Hour 2	8	0	0	0	0	0		
Hour 3	9	0	0	0	0	0		
Hour 4	10	0	0	0	0	0		
Hour 5	11	0	0	0	0	0		
Hour 6	12	0	0	0	0	0		
Hour 7	1	0	0	0	0	0		
Hour 8	2	0	0	0	0	0		
Hour 9								
Hour 10								

Dust suppressant necessary: Yes (or) (No)

Dust Suppression technique used: N/A

Monitoring results and comments:
No VOC Readings

?- Air Permit

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Site: 3035 White Plains Rd
Bronx

Daily Air Monitoring Record Form

Site safety officer: Rick Bombardo Date/time: 3-11-08

Instrument make & model Ion Science Phocheck + 1000

Calibration date

Task of day/Locations Monitored
monitor NSEW w/PID, Visual, Truck ops

Remarks:

Weather condition- 35° f
Wind direction: N/W 5mph.
Sky cover: clear

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	0800							
Hour 1	7	0	0	0	0	0		
Hour 2	8	0	0	0	0	0		
Hour 3	9	0	0	0	0	0		
Hour 4	10	0	0	0	0	0		
Hour 5	11	0	0	0	0	0		
Hour 6	12	0	0	0	0	0		
Hour 7	1	0	0	0	0	0		
Hour 8	2	0	0	0	0	0		
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used: N/A

Monitoring results and comments:
No VOC readings

TRUCKS Rock only - 15 LOADS

Site: 3035 White Plains Rd
Bronx

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Rich Bombard Date/time: 3-12-08

Instrument make & model: Ion Science Photect +1000

Calibration date:

Task of day/Locations Monitored: Monitor NSEW w/PID, Visual Truck info.

Remarks: Rock hammering -, N/C

Weather condition- 41°F
Wind direction: N. 5 mph -
Sky cover: overcast

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	6:45AM							
Hour 1	7	0	0	0	0	0		
Hour 2	8	0	0	0	0	0		
Hour 3	9	0	0	0	0	0		
Hour 4	10	0	0	0	0	0		
Hour 5	11	0	0	0	0	0		
Hour 6	12	0	0	0	0	0		
Hour 7	1	0	0	0	0	0		
Hour 8	2	0	0	0	0	0		
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used: N/A

Monitoring results and comments:

No VOC readings
No TRUCKS

EDC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Site: 3035 White Plains Rd
Bronx

Daily Air Monitoring Record Form

Site safety officer: Joe Bombard Date/time: 3-13-08

Instrument make & model Ion Science Photect+ 1000

Calibration date

Task of day/Locations Monitored
Monitor NSEW w/PID, Visual, Truck info, Photos

Remarks:

Weather condition- 42°f
Wind direction: N/W 5 MPH
Sky cover: Clear

Air monitoring locations

RR @ office Ridge

	Time	North	East	South	West	Center	Other	Other
Pre-start	11:30							
Hour 1	12:00	0	0	0	0	0		
Hour 2	1:	0	0	0	0	0		
Hour 3	2:	0	0	0	0	0		
Hour 4	3:	0	0	0	0	0		
Hour 5								
Hour 6								
Hour 7								
Hour 8								
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:
NA

Monitoring results and comments:
No VOC Readings
No Trucks out
Received Dewater letter from DEP.
Pumping through carbon drums(2) into sewer ✓

EBD
ENVIRONMENTAL BUSINESSS CONSULTANTS

Site: 3035 White Plains Rd, Bronx

Daily Air Monitoring Record Form

Site safety officer: Rich Bombard Date/time: 3-14-08

Instrument make & model: ion Science Pho check +1000

Calibration date:

Task of day/Locations Monitored
Monitor NSEW w/PID, Visual, Photo's

Remarks:

RB To DEP - Junction Blvd.

Weather condition- 41°F
Wind direction: N 5mph
Sky cover: Partly cloudy.

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	6:30 AM							
Hour 1	7:	0	0	0	0	0		
Hour 2	8:	0	0	0	0	0		
Hour 3	9:	0	0	0	0	0		
Hour 4	10:	0	0	0	0	0		
Hour 5	11:	0	0	0	0	0		
Hour 6	12:	0	0	0	0	0		
Hour 7								
Hour 8								
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:

Monitoring results and comments:
Dewatering continues - through carbon to sewer (into WEEKEND)

No TRUCKS
$ to DEP 401.25

Site: 3035 White Plains Rd
Bronx

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: John Bombard Date/time: 3/17/08

Instrument make & model: 10.6 Science Products + 1000

Calibration date:

Task of day/Locations Monitored: monitor N,S,E,W. w/PID, Visual, Photo's Truck ups

Remarks: Dewatering through carbon barrels continues

Weather condition- 31°F
Wind direction: N 10 mPH
Sky cover: Partly cloudy

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	6:30 AM							
Hour 1	7:	0	0	0	0	0		
Hour 2	8:	0	0	0	0	0		
Hour 3	9:	0	0	0	0	0		
Hour 4	10:	0	0	0	0	0		
Hour 5	11:	0	0	0	0	0		
Hour 6	12:	0	0	0	0	0		
Hour 7	1:	0	0	0	0	0		
Hour 8	2:	0	0	0	0	0		
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used: N/A

Monitoring results and comments: No trucks out

No VOC Readings

Site: 3035 White Plains Rd. Bronx

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Josh Bombard Date/time: 3-18-08

Instrument make & model: Ion Science Photect+1000

Calibration date:

Task of day/Locations Monitored
Monitor NSEW. w/PID, Visual, Truck info, Photos

Remarks:

Weather condition- 29°f
Wind direction: NW 5 mph
Sky cover: cloudy

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	~~7:30 AM~~							
Hour 1	7	0	0	0	0	0		
Hour 2	8	0	0	0	0	0		
Hour 3	9	0	0	0	0	0		
Hour 4	10	0	0	0	0	0		
Hour 5	11	0	0	0	0	0		
Hour 6	12	0	0	0	0	0		
Hour 7	1	0	0	0	0	0		
Hour 8	2	0	0	0	0	0		
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used: N/A

Monitoring results and comments:
10 → 2 LOADS TRUCKS out — Rock only.
DEWATER through carbon barrels continues.
No VOC READINGS

Site: 3035 White Plains Rd. Bronx

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Jack Bombard Date/time: 3-20-08

Instrument make & model: Ion Science PhoCheck + 1000

Calibration date:

Task of day/Locations Monitored:
Monitor NSEW w/PID, Visual, Truck info, Photos, Monitor dewater.

Remarks:

Weather condition- 52° F
Wind direction: NW 10→20 MPH
Sky cover: Cloudy

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start								
Hour 1	7:15 AM	0	0	0	0	0		
Hour 2	8	0	0	0	0	0		
Hour 3	9	0	0	0	0	0		
Hour 4	10	0	0	0	0	0		
Hour 5	11	0	0	0	0	0		
Hour 6	12	0	0	0	0	0		
Hour 7	1	0	0	0	0	0		
Hour 8	2	0	0	0	0	0		
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:
N/A

Monitoring results and comments:
Dewater through Carbon barrels continues.
No Voc Readings
No Trucks out

Site: 3035 White Plains Rd
Bronx

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Rob Bombard Date/time: 3.21.08

Instrument make & model: Ion Science Pho check + 1000

Calibration date:

Task of day/Locations Monitored
monitor NSEW w/PID, Visual, truck ops, dewater monitor,

Remarks:

Weather condition- 30° F
Wind direction: N 20 mph
Sky cover: clear.

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start							SEWER @ discharge/ dewatering	
Hour 1	7:	0	0	0	0	0	-	
Hour 2	8:	0	0	0	0	0	2.0	
Hour 3	9:	0	0	0	0	0	2.0	
Hour 4	10	0	0	0	0	0	2.0	
Hour 5	11:	0	0	0	0	0	2.0	
Hour 6	12	0	0	0	0	0	2.0	
Hour 7	1	0	0	0	0	0	2.0	
Hour 8	2	0	0	0	0	0	2.0	
Hour 9	3:							
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:
N/A

Monitoring results and comments: → CANSorb C35 —LINES— (Emailed)
(2) Barrels 55 gal drums FROZEN Manif. TIGG. dewater stopped
only small amount of water remaining.

No Truck out
No VOC Readings (only in SEWER)

Site: 3035 White Plains Rd Bronx

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Erik Bombard Date/time: (Mon.) 3-24-08

Instrument make & model: Ion Science. Phocheck + 1000

Calibration date:

Task of day/Locations Monitored: monitor NSEW. w/PID, Visual Truck info, dewater monitor

Remarks:

Weather condition- 35°F
Wind direction: NE 5mph
Sky cover: clear

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	655 AM						SEWER	
Hour 1	7:	0	0	0	0	0	1.5	
Hour 2	8	0	0	0	0	0	2.0	
Hour 3	9	0	0	0	0	0	1.5	
Hour 4	10	0	0	0	0	0	1.0	
Hour 5	11	0	0	0	0	0	1.0	
Hour 6	12	0	0	0	0	0	1.0	
Hour 7	1	0	0	0	0	0	1.0	
Hour 8	2:	0	0	0	0	0	1.0	
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used: N/A

Monitoring results and comments:

No TRUCKS out

Site: 3035 White Plains Rd
Bronx

EEC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Rich Bombard Date/time: (Tue) 3-25-08

Instrument make & model: Ion Science Phocheck +1000

Calibration date:

Task of day/Locations Monitored: monitor NSEW w/PID, visual

Remarks:

Weather condition: 35°f
Wind direction: SW 5mph
Sky cover: clear

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start							SEWER	
Hour 1	7: AM	0	0	0	0	0	1.5	
Hour 2	8:	0	0	0	0	0	1.0	
Hour 3	9	0	0	0	0	0	1.0	
Hour 4	10	0	0	0	0	0	1.0	
Hour 5	11	0	0	.5	0	0	2.0	
Hour 6	12	0	0	.2	0	0	1.5	
Hour 7	1	0	0	.0	0	0	3.0	
Hour 8	2	0	0	.0	0	0	2.0	
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or ~~No~~ (No)

Dust Suppression technique used: N/A

Monitoring results and comments: Dewatering complete - (pending Rain / groundwater seepage)
No Trucks out

FSC

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Rick Lombard Date/time: 3/26/08 (WSDS)

Instrument make & model: Ion Science Pho check + 1000

Calibration date:

Task of day/Locations Monitored: monitor N.S.E.W. w/PID, Visual, dewater Monitor

Remarks:

Weather condition- 42° F
Wind direction: S. 15 MPH
Sky cover: Clear

Air monitoring locations — Ladder REQ

	Time	North	East	South	West	Center	Other	Other
Pre-start							PJ (SE)	
Hour 1	7: AM	0	0	0	0	0		
Hour 2	8	0	0	0	0	0	5.0	
Hour 3	9	0	0	0	0	0		
Hour 4	10	0	0	0	0	0		
Hour 5	11	0	25.	25.	1.0	25.	35.0	
Hour 6	12	0	18	20	1.0	20.	25.0	
Hour 7	1	0	20.	20.	1.0	15.	20.0	
Hour 8	2	0	15.	20.	2.0	20.	25.0	
Hour 9	3	0	20.	35.	1.0	20.	48.0	
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used: N/A

Monitoring results and comments:
10:AM ground water SEPAGE (approx 300 gals) SETTLED in S.E. CORNER gas SMALL in water * No PETROL, gas floating on top.
Rich Powers elects to Vac Water out after NEXT several days of Dewa Mon. Tues NEXT WEEK. 11:AM DRUMS + Now functioning Dewatered 24 Hours
1:PM EXCAVATION South Portion began.
No Trucks out

Site: 3035 White Plains Rd Bronx

ENVIRONMENTAL BUSINESS CONSULTANTS

Daily Air Monitoring Record Form

(4th)

Site safety officer: Rick Bombard Date/time: 3-27-08

Instrument make & model: Ion Science Pho check +1000

Calibration date:

Task of day/Locations Monitored: monitor NSEW, w/PID, visual, dewater process Monitor, photos

Remarks:

Weather condition: 46° f
Wind direction: NW 5 mph
Sky cover: cloudy

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start							~~SE Pit~~	Pit Bladed and Soil PCS (New Excav.)
Hour 1	7	0	.1	.1	0	.5	5.0	
Hour 2	8	0	.1	.1	0	.7	7.0	
Hour 3	9	0	0	0	0	.1	2.0	
Hour 4	10	0	0	1.0	0	.5	10.0	
Hour 5	11	0	.1	.5	0	1.0	5.	
Hour 6	12	0	0	.5	.5	1.0	10.	280.
Hour 7	1	0	0	.2	.3	.5	3.0	275
Hour 8	2	0	0	.1	.3	.5	2.0	280
Hour 9	3							
Hour 10								

Dust suppressant necessary: Yes or ~~No~~

Dust Suppression technique used: N/A

Monitoring results and comments:

- No Trucks out -
- Excavation continues, SE corner - gas odor, water seeping in from SW corner & 1 monitor well, (extended Monitor Well pipe 2" PVC) @ approx Rate of 5+ gal. hr.

- RP - Req. - 15 Loads for Mon. → Clean Earth advised Damon
- Damon to RB P/U @ American Labs - (Lancaster LABS)

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Rich Bombardo Date/time: 3-28-08

Instrument make & model: Ion Science Phocheck 1000+

Calibration date:

Task of day/Locations Monitored: monitor NSEW w/PID, visual, truck info, dewater

Remarks:

Weather condition- 40°F
Wind direction: NE 5 mph
Sky cover: cloudy

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start							SE Pit	Blackland Trail (approx 20 yards)
Hour 1	7:15	0	0	0	0	0	.5	200+
Hour 2	8	0	0	0	0	0	.2	
Hour 3	9	0	0	0	0	0	.1	
Hour 4	10	0	0	0	0	0	.0	
Hour 5	11	0	0	0	0	0	0	
Hour 6	12	0	0	0	0	0	0	
Hour 7	1							
Hour 8	2	To Brooklyn - Dinner						
Hour 9								
Hour 10								

Dust suppressant necessary: (Yes) or No

Dust Suppression technique used: sweep & hose

Monitoring results and comments:
- No Trucks out
- Concrete Delivered poured to foundations
- Excavation continues Southern portion of Site (IS bad sched for non-CleanEarth)

* Tulcon approved gravel delivery sub - TBA

Site: 3035 White Plains Rd Bronx

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Jack Bombard Date/time: Mon. 3-31-08

Instrument make & model: Ion Science Phocheck 1000+

Calibration date:

Task of day/Locations Monitored
monitor NSEW w/ PID, visual, dewatermonitor, truck info. —

Remarks:

Weather condition- 41°F
Wind direction: SE 8mph
Sky cover: cloudy / L. Rain 11AM

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	6:40 AM						SE pit	
Hour 1	7	0	0	0	0	0	.1	
Hour 2	8	0	0	0	0	0	0	
Hour 3	9	0	0	0	0	0	0	
Hour 4	10	0	0	0	0	0	0	
Hour 5	11	0	0	0	0	0	0	
Hour 6	12	0	0	0	0	0	0	
Hour 7	1	0	0	0	0	0	0	
Hour 8	2							
Hour 9	3							
Hour 10								

To Damon's H2O to Quick Lab. Redford Ave.

Dust suppressant necessary: (Yes) or ~~No~~ 9 AM

Dust Suppression technique used: Hose down & Sweep

Monitoring results and comments:
EXCAV - Not today —
dewater - ~~not today~~ YES - Through Carbon Drums
Loads (Trucks) 10 out to Clean Earth, Carteret N.J.

*Email Daily Report

site: 3035 White Plains Bronx

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Rich Bouteaud Date/time: April 1, 08

Instrument make & model: Ion Science Photector 1000+

Calibration date:

Task of day/Locations Monitored: Monitor w/PID, Visual, Truck info, Excav. info., Photos, dewater Monitor

Remarks:

Weather condition- 46°F
Wind direction: NE 5MPH
Sky cover: LT Rain

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start							SE Pit	
Hour 1	7: AM	0	0	0	0	0	0	
Hour 2	8	0	0	0	0	0	0	
Hour 3	9	0	0	0	0	0	0	
Hour 4	10	0	0	0	0	0	0	
Hour 5	11	0	0	0	0	0	0	
Hour 6	12	0	0	0	0	0	0	
Hour 7	1	0	0	0	0	0	0	
Hour 8	2	0	0	0	0	0	0	
Hour 9	3							
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used: N/A

Monitoring results and comments: dewater continues as before Excav. of Soil North portion of site Truck #LOADS to Clean Earth 12 Loads— No PID Readings

Email Daily Report

Site: 3035 White Plains Rd Bronx

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Rick Bombard Date/time: April 2, 08

Instrument make & model: Ion Science Photoscan + 1000

Calibration date:

Task of day/Locations Monitored
monitor NESW w/PID Visual, Truck info
dewater monitor, Excavation info, Photos

Remarks:

Weather condition- 36° f
Wind direction: N 15 mph.
Sky cover: Partly Cloudy

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start							SE Pit	
Hour 1	7 AM	0	0	0	0	0	0	
Hour 2	8	0	0	0	0	0	0	
Hour 3	9	0	0	0	0	0	0	
Hour 4	10	0	0	0	0	0	0	
Hour 5	11	0	0	0	0	0	0	
Hour 6	12	0	0	0	0	0	0	
Hour 7	1	0	0	0	0	0	0	
Hour 8	2	0	0	0	0	0	0	
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or ~~No~~

Dust Suppression technique used:
Sweep, water hose

Monitoring results and comments:
Dewater early AM only Neg.
EXCAV N. Section
No Trucks in/out
No PID Readings

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Site: 3035 White Plains Rd Bronx

Daily Air Monitoring Record Form

Site safety officer: Rich Bombard Date/time: April 3, 08

Instrument make & model: Ion Science Rocheste 1000+

Calibration date:

Task of day/Locations Monitored: Monitor. Air, De-water, Excav, trucks, in/out, Visual

Remarks:

Weather condition- 36° f
Wind direction: NE 5MPH
Sky cover: clear

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start							SE Pit	
Hour 1	9: AM	0	0	0	0	0	0	
Hour 2	8:	0	0	0	0	0	0	
Hour 3	9:	0	0	0	0	0	0	
Hour 4	10:	0	0	0	0	0	0	
Hour 5	11	0	0	0	0	0	0	
Hour 6	12	0	0	0		0	0	
Hour 7	1	0	0	0	0	0	0	
Hour 8	2	0	0	0	0	0	0	
Hour 9	3							
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used:

Monitoring results and comments:
No VOC Readings, excave N & center
No trucks
Dewatered am - ✓

Email monitor info ✓

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Site: 3035 White Plains Rd. Bronx

Daily Air Monitoring Record Form

Site safety officer: Rob Rombach Date/time: April 4, 08

Instrument make & model Ion Science Photoclack + loan

Calibration date

Task of day/Locations Monitored monitor -w/ PID, Visual, excav. Truck. Pwater.

Remarks:

Weather condition- 40°F
Wind direction: N
Sky cover: Rain

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start								
Hour 1	7:15 AM	0	0	0	0	0	0	0
Hour 2								
Hour 3								
Hour 4								
Hour 5								
Hour 6								
Hour 7								
Hour 8								
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used: N/A

Monitoring results and comments:
De-Water all day. Rain/Run off — otherwise site shutdown due to Rain Heavy@times.

E Mail - Dark Stains

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: [illegible] Bombard Date/time: April 7th Mon. 08

Instrument make & model: ion Science Photoclect + 10.6

Calibration date:

Task of day/Locations Monitored: monitor 3 VOC, Dewater, excav, trucks

Remarks:

Weather condition- 43°F
Wind direction: NW 10 mph
Sky cover: cloudy

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start							SE Rd	
Hour 1	7 AM	0	0	0	0	0	0	
Hour 2	8	0	0	0	0	0	0	
Hour 3	9	0	0	0	0	0	0	
Hour 4	10	0	0	0	0	0	0	
Hour 5	11	0	0	0	0	0	0	
Hour 6	12	0	0	0	0	0	0	
Hour 7	1	0	0	0	0	0	0	
Hour 8	2	0	0	0	0	0	0	
Hour 9	3	0	0					
Hour 10								

Dust suppressant necessary: (Yes) or ~~No~~

Dust Suppression technique used: sweep / hose

Monitoring results and comments:
trucks out Loads 8 - Rock only
Excav Center
3 Dewatered - No VOC Readings

NEED NEW - Drum - TIGG Activated carbon

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Site: 3035 White Plains Rd Bronx

Daily Air Monitoring Record Form

Site safety officer: Erik Bombard Date/time: 4/8/08

Instrument make & model: Ion Science Rhocheck + 1000

Calibration date:

Task of day/Locations Monitored: monitor air (w/PID), dewater process, trucks, excav.

Remarks:

Weather condition- 43°F
Wind direction: W 10 mph
Sky cover: cloud cover

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start	6:30AM						SEPT	
Hour 1	7:	0	0	0	0	0	0	
Hour 2	8	0	0	0	0	0	0	
Hour 3	9	0	0	0	0	0	0	
Hour 4	10	0	0	0	0	0	0	
Hour 5	11	0	0	0	0	0	0	
Hour 6	12	0	0	0	0	0	0	
Hour 7	1	0	0	0	0	0	0	
Hour 8	2	0	0	0	0	0	0	
Hour 9								
Hour 10								

Dust suppressant necessary: (Yes) or ~~No~~

Dust Suppression technique used: SWEEP / HOSE

Monitoring results and comments:
minimal DEWATER REQUIRED
NO EXCAV., NO in TRUCKS, NO VOC READINGS
12 LOADS out contaminated soil to clean Earth Carteret N.J.

— email - Daily Status

ESC

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Fred Barbarich Date/time: 4/9/08

Instrument make & model Ion Science Phocheck+1000

Calibration date

Task of day/Locations Monitored monitor air (w/PID) VOCs, dewater process truck info, excav.

Remarks:

Weather condition- 46/0 °F

Wind direction: E 5m PH

Sky cover: Cloudy

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start								
Hour 1	7:	0	0	0	0	0		
Hour 2	8	0	0	0	0	0		
Hour 3	9	0	0	0	0	0		
Hour 4	10	0	0	0	0	0		
Hour 5	11	0	0	0	0	0		
Hour 6	12	0	0	0	0	0		
Hour 7	1	0	0	0	0	0		
Hour 8	2	0	0	0	0	0		
Hour 9								
Hour 10								

Dust suppressant necessary: (Yes) or ~~No~~

Dust Suppression technique used: Hose/Sweep

Monitoring results and comments:

excav Rock only
Dewater minimal Req.
No Voc Readings —
Trucks in — concrete pour & Lumber —
Trucks out — 0

Site: 3035 White Plains Rd
Bronx

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Rick Bombard Date/time: 4.10.08

Instrument make & model: Ion Science PhocHeck+ 1000

Calibration date:

Task of day/Locations Monitored
monitor - air (w/PID-reads), de-water process, truck mfs., excav.

Remarks:

Weather condition- 49° F → 65° F
Wind direction: NE @ 3 mph
Sky cover: Hazy → Sunny

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start								
Hour 1	7: AM	0	0	0	0	0		
Hour 2	8:	0	0	0	0	0		
Hour 3	9	0	0	0	0	0		
Hour 4	10	0	0	0	0	0		
Hour 5	11	0	0	0	0	0		
Hour 6	12	0	0	0	0	0		
Hour 7	1	0	0	0	0	0		
Hour 8	2	0	0	0	0	0		
Hour 9								
Hour 10								

Dust suppressant necessary: (Yes) or ~~No~~

Dust Suppression technique used: sweep/hose

Monitoring results and comments:
excav rock only center, dewater min. in 1 am, No trucks, No VOC readings.

email: Daily Status
* DEC - cc:

Site: 3035 White Plains Rd

FSC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Jack Bombard Date/time: 4/11/08

Instrument make & model: Ion Science Photoclc +1000

Calibration date:

Task of day/Locations Monitored: Monitor Air (w/PID), dewater, EXCAV., Trucks

Remarks:

Weather condition- 50°F
Wind direction: SW 3 mph
Sky cover: Cloudy

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start							SE pit	
Hour 1	7:AM	0	0	0	0	0	0	
Hour 2	8	0	0	0	0	0	0	
Hour 3	9	0	0	0	0	0	0	
Hour 4	10	0	0	0	0	0	0	
Hour 5	11	0	0	0	0	0	0	
Hour 6	12	0	0	0	0	0	0	
Hour 7	1	0	0	0	0	0	0	
Hour 8	2							
Hour 9								
Hour 10								

To Brooklyn NY # 28 298 Meeker Av

Dust suppressant necessary: (Yes) or ~~No~~

Dust Suppression technique used: Sweep/Hose

Monitoring results and comments:
Excav. Rock only - center
Dewater - min Req. 7AM
Trucks -

E-Mail daily Status

Site: 3035 White Plains Rd. Bronx

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Rich Bombard Date/time: 4/14/08

Instrument make & model: Ion Science Rhocheck + 1000

Calibration date:

Task of day/Locations Monitored: monitor air, excav., dewater, Trucks.

Remarks:

Weather condition: 40° f

Wind direction: N/W 3 MPH

Sky cover: Clear - Sunny

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start								
Hour 1	7:AM	0	0	0	0	0		
Hour 2	8	0	0	0	0	0		
Hour 3	9	0	0	0	0	0		
Hour 4	10	0	0	0	0	0		
Hour 5	11	0	0	0	0	0		
Hour 6	12	0	0	0	0	0		
Hour 7	1							
Hour 8	2							
Hour 9								
Hour 10								

RB T. 29 Monitor AV trucks

Dust suppressant necessary: Yes or ~~No~~

Dust Suppression technique used: N/A

Monitoring results and comments:
No trucks
Excav Rock & some soil —
Dewater Min. rain

Email Daily — ✓

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS

Site: 3035 White Plains Bronx

Daily Air Monitoring Record Form

Site safety officer: Jeff Bombard Date/time: 4.15.08

Instrument make & model: Ion Science Pho check + 10000

Calibration date:

Task of day/Locations Monitored: monitor air, dewater, excav., Truck info.

Remarks:

Weather condition- 40°F
Wind direction: SW 5 MPH
Sky cover: Sunny/clear

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start								
Hour 1	7:10AM	0	0	0	0	0		
Hour 2	8:	0	0	0	0	0		
Hour 3	9:	0	0	0	0	0		
Hour 4	10:	0	0	0	0	0		
Hour 5	11:	↓	↓	↓	↓	↓		
Hour 6	12:							
Hour 7	1:							
Hour 8	2:	↓	↓	↓	↓	↓		
Hour 9								
Hour 10								

Dust suppressant necessary: (Yes) or ~~No~~

Dust Suppression technique used: Hose/Sweep

Monitoring results and comments:
No dewater REQ. , No VOC Reading
EXCAV. - Rock
(1 Trucks) Rock OUT to Basken Ridge NJ Tilcon
IN

LOADS 7
LOADS 3

Site: 3035 WPR
Bronx -

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

RB
16wh
Flatbed

Site safety officer: _____ Date/time: 4/17/08

Instrument make & model: Ion Science Photoch

Calibration date: —

Task of day/Locations Monitored: monitor air downtown, Excav., Trucks —

Remarks:

Weather condition- 55°
Wind direction: S 5mph.
Sky cover: Sunny clear

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start								
Hour 1	7:AM	0	0	0	0	0		
Hour 2	8:	0	0	0	0	0		
Hour 3	9:	0	0	0	0	0		
Hour 4	10:	0	0	0	0	0		
Hour 5	11:	0	0	0	0	0		
Hour 6	12:	0	0	0	0	0		
Hour 7								
Hour 8								
Hour 9								
Hour 10								

AM

Dust suppressant necessary: Yes or ~~No~~

Dust Suppression technique used: N/A

* PM
To: Montrose

E: Mail Status

Monitoring results and comments:
Dewater Not REQ —
No Trucks —
Excav. Rock only — center

Probe-Well Southern Portion in approx 2wks will be REQ
Fill REQ. more compactable aggregate.

Site: 3035 White Plains Rd Bronx

ENVIRONMENTAL BUSINESSS CONSULTANTS

Daily Air Monitoring Record Form

Site safety officer: Josh Bombard Date/time: WEDS. 3-19-08

Instrument make & model: Ion Science Phocheck +1000

Calibration date:

Task of day/Locations Monitored: monitor NSEW w/PID, Visual, Turbidity, Photos, dewater process monitor

Remarks:

Weather condition- 42° F
Wind direction: NE 5mph
Sky cover: Rain

Air monitoring locations

	Time	North	East	South	West	Center	Other	Other
Pre-start								
Hour 1	7 AM	0	0	0	0	0		
Hour 2	8	0	0	0	0	0		
Hour 3	9	0	0	0	0	0		
Hour 4	10							
Hour 5	11							
Hour 6	12							
Hour 7	1							
Hour 8	2							
Hour 9								
Hour 10								

Dust suppressant necessary: Yes or (No)

Dust Suppression technique used: N/A

Monitoring results and comments: Dewater through carbon bands continues - (Heavy Rain expected today & Tomorrow)

9:- Job site shut down (other than dewater) due to Rain

APPENDIX - S

Daily and Monthly Status Reports

ENVIRONMENTAL BUSINESSS CONSULTANTS

October 9, 2007

Mr. Shaminder Singh
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: Remedial Investigation Work Plan Addendum
Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY
Site No. C203039

Dear Mr. Singh:
In accordance with the Brownfield Cleanup Agreement, Environmental Business Consultants (EBC) has prepared this progress report for the month of September 2007. Subsequent reports will be submitted on a monthly basis until the project is complete.

Tasks initiated or completed during the period were as follows:

- Participate in a technical meeting with DEC Regional staff to discuss finalization of the RIWP and IRM Work Plan. .
- Completed a Stipulation letter for the RIWP and submit Final RIWP version to NYSDEC.
- Removed all waste oil and automotive chemical inventory.
- Completed asbestos survey.
- Removed all derelict cars, trucks, scrap metal and trash from site
- Removed asphalt cover from entire site

EBC anticipates that the following work will take place during the next month:

- Initiate soil boring and sampling program.
- Perform soil gas sampling
- Complete asbestos abatement program for floor tiles and roofing materials.
- Obtain building demolition permits from NYCDOB, demolish and remove building.
- Complete test pit sampling for waste characterization
- Install monitoring wells

If you have any questions or require any additional information please do not hesitate to contact me.

Very truly yours,

Charles B. Sosik, P.G.
Principal

Cc: C. Doroski, NYSDOH
D. Walsh, NYSDEC
J. Brooks, Phillips-Nizer
S. Arker, Bedford Park Assoc.

ENVIRONMENTAL BUSINESS CONSULTANTS
9 Peconic Road
Ridge, NY 11961
Phone 631.924.0870
Fax 631.924.2870
E-mail csosik2@optonline.net

ENVIRONMENTAL BUSINESSS CONSULTANTS

November 10, 2007

Mr. Shaminder Singh
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: Remedial Investigation Work Plan Addendum
Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY
Site No. C203039

Dear Mr. Singh:
In accordance with the Brownfield Cleanup Agreement, Environmental Business Consultants (EBC) has prepared this progress report for the month of October 2007. Subsequent reports will be submitted on a monthly basis until the project is complete.

Tasks initiated or completed during the period were as follows:

- Received NYSDEC approval for the RIWP
- Completed the Asbestos abatement program for floor tiles and roofing materials in the garage building.
- Obtained building demolition permits from NYCDOB, demolished and removed building.
- Completed soil boring and sampling program in accordance with approved RIWP.
- Completed test pit sampling for bedrock depth verification and waste characterization sampling
- Performed soil gas sampling in accordance with approved RIWP.
- Completed the installation of monitoring wells in accordance with approved RIWP.

EBC anticipates that the following work will take place during the next month:

- Collect groundwater samples from all monitoring wells in accordance with approved RIWP.
- Revise IRM Work Plan to Region 2 RIWP format as requested by the NYSDEC.
- Obtain NYSDEC approval to implement IRM.
- Hold pre-construction meeting with contractors and NYSDEC staff.
- Begin excavation and disposal of overburden materials as per the IRMWP.

If you have any questions or require any additional information please do not hesitate to contact me.

Very truly yours,

Charles B. Sosik, P.G.
Principal

Cc: C. Doroski, NYSDOH
D. Walsh, NYSDEC
J. Brooks, Phillips-Nizer
S. Arker, Bedford Park Assoc.

ENVIRONMENTAL BUSINESS CONSULTANTS
9 Peconic Road
Ridge, NY 11961
Phone 631.924.0870
Fax 631.924.2870
E-mail csosik2@optonline.net

ENVIRONMENTAL BUSINESSS CONSULTANTS

December 10, 2007

Mr. Shaminder Singh
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: ***Remedial Investigation Work Plan Addendum***
Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY
Site No. C203039

Dear Mr. Singh:
In accordance with the Brownfield Cleanup Agreement, Environmental Business Consultants (EBC) has prepared this progress report for the month of November 2007. Subsequent reports will be submitted on a monthly basis until the project is complete.

Tasks initiated or completed during the period were as follows:

- Collect groundwater samples from all monitoring wells in accordance with approved RIWP.
- Revised IRM Work Plan to Region 2 RIWP format as requested by the NYSDEC.
- Hold pre-construction meeting with contractors and NYSDEC staff.
- Send out Fact Sheet to site contact list notifying public of start of IRM.
- Install 4 additional monitoring wells to map free phase gasoline discovered in MW8

EBC anticipates that the following work will take place during the next month:

- Obtain NYSDEC approval to implement IRM.
- Conduct on site meeting with site safety officer, construction supervisor, excavation contractor and remediation engineer.
- Begin excavation and disposal of overburden materials as per the IRMWP.

If you have any questions or require any additional information please do not hesitate to contact me.

Very truly yours,

Charles B. Sosik, P.G.
Principal

Cc: C. Doroski, NYSDOH
D. Walsh, NYSDEC
J. Brooks, Phillips-Nizer
S. Arker, Bedford Park Assoc.

ENVIRONMENTAL BUSINESS CONSULTANTS
9 Peconic Road
Ridge, NY 11961
Phone 631.924.0870
Fax 631.924.2870
E-mail csosik2@optonline.net

ENVIRONMENTAL BUSINESSS CONSULTANTS

March 10, 2008

Mr. Shaminder Singh
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: ***Remedial Investigation Work Plan Addendum***
Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY
Site No. C203039

Dear Mr. Singh:
In accordance with the Brownfield Cleanup Agreement, Environmental Business Consultants (EBC) has prepared this progress report for the month February 2008. Subsequent reports will be submitted on a monthly basis until the project is complete.

Tasks initiated or completed during the period were as follows:

- Continued excavation of bedrock material and off-site shipment of bedrock and overburden soil.
- Continued the process of obtaining a sewer discharge permit from the NYCDEP.
- Began preparation of the Remedial Investigation Report.

EBC anticipates that the following work will take place during the next month:

- Complete the excavation of bedrock material and off-site shipment of bedrock and overburden material.
- Obtain approval from the NYCDEP to discharge excavation water to the NYC combined sewer through the access manhole located within the fenced area of the project.
- Begin installation of footings and related foundation construction.
- Perform testing as required and obtain DEC approval for the importation of fill and other base materials needed for construction.

If you have any questions or require any additional information please do not hesitate to contact me.

Very truly yours,

Charles B. Sosik, P.G.
Principal

Cc: C. Doroski, NYSDOH
D. Walsh, NYSDEC
J. Brooks, Phillips-Nizer
S. Arker, Bedford Park Assoc.

ENVIRONMENTAL BUSINESS CONSULTANTS
1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870
E-mail csosik2@optonline.net

ENVIRONMENTAL BUSINESSS CONSULTANTS

February 10, 2007

Mr. Shaminder Singh
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: ***Remedial Investigation Work Plan Addendum***
Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY
Site No. C203039

Dear Mr. Singh:
In accordance with the Brownfield Cleanup Agreement, Environmental Business Consultants (EBC) has prepared this progress report for the months of December 2007 and January 2008. Subsequent reports will be submitted on a monthly basis until the project is complete.

Tasks initiated or completed during the period were as follows:

- Received DEC approval of the IRM Work Plan
- Conducted on-site meeting with site safety officer, construction supervisor, excavation contractor and remediation engineer.
- Began excavation and off-site disposal of overburden materials in accordance with the approved IRMWP.
- Collected samples of bedrock material for analysis and obtained DEC approval to ship clean bedrock material to Tilcon-NY, Inc's Millington, NJ facility.
- Began excavation of bedrock material and off-site shipment to Tilcon's Millington, NJ facility.
- Completed NYCDEP sewer discharge application package and submitted to DEP for approval to discharge up to 10,000 gpd of surface run-off which has accumulated in the excavation.

EBC anticipates that the following work will take place during the next month:

- Complete the excavation of bedrock material and off-site shipment of bedrock and overburden material.
- Obtain approval from the NYCDEP to discharge excavation water to the NYC combined sewer through the access manhole located within the fenced area of the project.
- Begin installation of footings and related foundation construction.
- Perform testing as required and obtain DEC approval for the importation of fill and other base materials needed for construction.

If you have any questions or require any additional information please do not hesitate to contact me.

Very truly yours,

Charles B. Sosik, P.G.
Principal

Cc: C. Doroski, NYSDOH
D. Walsh, NYSDEC
J. Brooks, Phillips-Nizer
S. Arker, Bedford Park Assoc.

ENVIRONMENTAL BUSINESS CONSULTANTS
1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870
E-mail csosik2@optonline.net

ENVIRONMENTAL BUSINESSS CONSULTANTS

April 10, 2008

Mr. Shaminder Singh
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: ***Remedial Investigation Work Plan Addendum***
Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY
Site No. C203039

Dear Mr. Singh:
In accordance with the Brownfield Cleanup Agreement, Environmental Business Consultants (EBC) has prepared this progress report for the month March 2008. Subsequent reports will be submitted on a monthly basis until the project is complete.

Tasks initiated or completed during the period were as follows:

- Continued excavation of bedrock material and off-site shipment of bedrock and overburden soil.
- Secured sewer discharge permit from the NYCDEP and began dewatering (accumulated run-off) excavation.
- Obtained approval of the DEC case manager to import virgin crushed stone material to the site for use in grading and as an underlayment for the building slab.
- Continued preparation of the Remedial Investigation Report.

EBC anticipates that the following work will take place during the next month:

- Complete the excavation of bedrock material and off-site shipment of bedrock and overburden material.
- Begin installation of footings and related foundation construction.

If you have any questions or require any additional information please do not hesitate to contact me.

Very truly yours,

Charles B. Sosik, P.G.
Principal

Cc: C. Doroski, NYSDOH
D. Walsh, NYSDEC
J. Brooks, Phillips-Nizer
S. Arker, Bedford Park Assoc.

ENVIRONMENTAL BUSINESS CONSULTANTS
1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870
E-mail csosik2@optonline.net

ENVIRONMENTAL BUSINESSS CONSULTANTS

May 30, 2008

Mr. Shaminder Singh
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: ***Remedial Investigation Work Plan Addendum***
Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY
Site No. C203039

Dear Mr. Singh:
In accordance with the Brownfield Cleanup Agreement, Environmental Business Consultants (EBC) has prepared this progress report for the months of April and May 2008. Subsequent reports will be submitted on a monthly basis until the project is complete.

Tasks initiated or completed during the period were as follows:

- Completed excavation of bedrock material and off-site shipment of bedrock and overburden soil.
- Terminated dewatering operations of the excavation.
- Initiated and completed forming and poring of the building footings, piers and basement walls.
- Received virgin crushed stone material at the site and completed initial grading of this material an underlayment for the building slab.
- Installed and sampled six new monitoring wells in the basement area for assessment of post excavation groundwater quality.
- Collected samples of groundwater from the sump pit and elevator shaft excavation for assessment of groundwater quality.
- Continued preparation of the Remedial Investigation Report.

EBC anticipates that the following work will take place during the next month:

- Begin installation of the building's steel structural components.
- Install 3 monitoring wells and collect groundwater samples in the retail area of the building for assessment of groundwater quality in this area.
- Design chemical injection point layout based on groundwater results from the post excavation monitoring wells.
- Begin chemical oxidant injections.

If you have any questions or require any additional information please do not hesitate to contact me.

Very truly yours,

Charles B. Sosik, P.G.
Principal

Cc: C. Doroski, NYSDOH
D. Walsh, NYSDEC
J. Brooks, Phillips-Nizer
S. Arker, Bedford Park Assoc.

ENVIRONMENTAL BUSINESS CONSULTANTS
1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870
E-mail csosik2@optonline.net

July 10, 2008

Mr. Shaminder Singh
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: ***Remedial Investigation Work Plan Addendum***
Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY
Site No. C203039

Dear Mr. Singh:
In accordance with the Brownfield Cleanup Agreement, Environmental Business Consultants (EBC) has prepared this progress report for the months of June 2008. Subsequent reports will be submitted on a monthly basis until the project is complete.

Tasks initiated or completed during the period were as follows:

- Installed 12 chemical oxidant injection points in the basement area.
- The steel structure of the building is currently being erected. The first deck of the building has been installed.
- Installed 2 groundwater monitoring wells within the retail space of the building.
- Continued preparation of the Remedial Investigation Report.

EBC anticipates that the following work will take place during the next month:

- Install remaining monitoring well in the retail area and collect groundwater samples in the retail area of the building for assessment of groundwater quality in this area.
- Design chemical injection point layout in retail area based on groundwater results from retail area monitoring wells.
- Begin chemical oxidant injections.

If you have any questions or require any additional information please do not hesitate to contact me.

Very truly yours,

Charles B. Sosik, P.G.
Principal

Cc: C. Doroski, NYSDOH
M. Yau, NYSDEC
J. Brooks, Phillips-Nizer
S. Arker, Bedford Park Assoc.

1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870
E-mail csosik2@optonline.net

ENVIRONMENTAL BUSINESSS CONSULTANTS

August 10, 2008

Mr. Shaminder Singh
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: ***Remedial Investigation Work Plan Addendum***
Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY
Site No. C203039

Dear Mr. Singh:
In accordance with the Brownfield Cleanup Agreement, Environmental Business Consultants (EBC) has prepared this progress report for the month of July 2008. Subsequent reports will be submitted on a monthly basis until the project is complete.

Tasks initiated or completed during the period were as follows:

- Collected pre-application (oxidant) groundwater samples from two monitoring wells in the retail area. Results were non-detect for VOCs. Based on these results, no direct oxidant injection is planned for the retail area.
- Performed a chemical oxidant application in the 12 injection wells previously installed in the basement area.
- Concrete slab was installed in the basement area. Access retained for all monitoring wells and injection wells. Six additional access points provided in new slab to allow for expansion of injection well system, if needed.
- Continued preparation of the Remedial Investigation Report.

EBC anticipates that the following work will take place during the next month:

- Install remaining monitoring well in the retail area and collect groundwater full round of groundwater samples in basement and retail area for post oxidant application performance evaluation.
- Continue oxidant application as needed to achieve significant reductions in VOC concentrations.

If you have any questions or require any additional information please do not hesitate to contact me.
Very truly yours,

Charles B. Sosik, P.G.
Principal

Cc: C. Doroski, NYSDOH
M. Yau, NYSDEC
J. Brooks, Phillips-Nizer
S. Arker, Bedford Park Assoc.
K. Brussee, EBC

ENVIRONMENTAL BUSINESS CONSULTANTS
1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870
E-mail csosik2@optonline.net

ENVIRONMENTAL BUSINESSS CONSULTANTS

September 9, 2008

Mr. Shaminder Singh
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: ***Remedial Investigation Work Plan Addendum***
Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY
Site No. C203039

Dear Mr. Singh:
In accordance with the Brownfield Cleanup Agreement, Environmental Business Consultants (EBC) has prepared this progress report for the month of August 2008. Subsequent reports will be submitted on a monthly basis until the project is complete.

Tasks initiated or completed during the period were as follows:

- Installed remaining monitoring well within the retail area of the new building (MW7).
- Completed a full sampling round of the 9 performance monitoring wells.
- Continued preparation of the Remedial Investigation Report.

EBC anticipates that the following work will take place during the next month:

- Continue oxidant application as needed to achieve significant reductions in VOC concentrations.

If you have any questions or require any additional information please do not hesitate to contact me.
Very truly yours,

Charles B. Sosik, P.G.
Principal

Cc: C. Doroski, NYSDOH
M. Yau, NYSDEC
J. Brooks, Phillips-Nizer
S. Arker, Bedford Park Assoc.
K. Brussee, EBC

ENVIRONMENTAL BUSINESS CONSULTANTS
1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870
E-mail csosik2@optonline.net

ENVIRONMENTAL BUSINESSS CONSULTANTS

October 10, 2008

Mr. Shaminder Singh
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: Remedial Investigation Work Plan Addendum
Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY
Site No. C203039

Dear Mr. Singh:
In accordance with the Brownfield Cleanup Agreement, Environmental Business Consultants (EBC) has prepared this progress report for the month of September 2008. Subsequent reports will be submitted on a monthly basis until the project is complete.

Tasks initiated or completed during the period were as follows:

- Performed an oxidant injection on September 14, 2008.
- Continued preparation of the Remedial Investigation Report.
- Began preparation of the Remedial Action Work Plan.
- Attended work session meeting with the NYSDEC regarding the timeline for the submission of BCP project documents.

EBC anticipates that the following work will take place during the next month:

- Complete the Draft Remedial Investigation Report (RIR) and submit to the Department for review.
- Complete the Remedial Action Work Plan and submit to the Department for review.
- Prepare and submit an Interim Remedial Measure Completion Report to the Department for review.
- Prepare a draft fact-sheet regarding issuance of the RIR and RAWP
- Place copies of the RIR and RAWP in the assigned document repository.
- Mail copies of the RIR/RAWP fact-sheet to the site contact list upon DEC's authorization.
- Collect performance samples from monitoring well network to determine effectiveness of September oxidant application.

If you have any questions or require any additional information please do not hesitate to contact me.
Very truly yours,

Charles B. Sosik, P.G.
Principal

Cc: C. Doroski, NYSDOH
M. Yau, NYSDEC
J. Brooks, Phillips-Nizer
S. Arker, Bedford Park Assoc.
K. Brussee, EBC

ENVIRONMENTAL BUSINESS CONSULTANTS
1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870
E-mail csosik2@optonline.net

ENVIRONMENTAL BUSINESSS CONSULTANTS

November 10, 2008

Mr. Shaminder Singh
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: Remedial Investigation Work Plan Addendum
Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY
Site No. C203039

Dear Mr. Singh:
In accordance with the Brownfield Cleanup Agreement, Environmental Business Consultants (EBC) has prepared this progress report for the month of October 2008. Subsequent reports will be submitted on a monthly basis until the project is complete.

Tasks initiated or completed during the period were as follows:

- Completed a Draft version or the Remedial Investigation Report and submited to the DEC on October 3, 2008.
- Completed a Draft version of the Remedial Work Plan and submitted to Dec on October 9, 2008.
- Completed a Draft version of the IRM Completion Report and submitted to DEC on October 23, 2008..
- Mailed copy of Factsheet No. 4 to site contact list on October 29, 2008.
- Placed copies of the Draft RIR, RWP and IRM Completion Report in the document repository.

EBC anticipates that the following work will take place during the next month:

- Finalize the RIR, RWP and IRM Completion Report and submit final copies to DEC and NYSDOH.
- Place final copies of the RIR, RWP and IRM Completion Report in the document repository.
- Complete a Draft Final Engineering Report and Site Management Plan and submit to DEC for review.
- Complete the recording of an environmental easement on the property for groundwater use and a sub-slab venting system
- Place copies of the FER and SMP in the assigned document repository.
- Prepare and submit Fact Sheet on FER and SMP.

If you have any questions or require any additional information please do not hesitate to contact me.
Very truly yours,

Charles B. Sosik, P.G.
Principal

Cc: C. Doroski, NYSDOH
M. Yau, NYSDEC
J. Brooks, Phillips-Nizer
S. Arker, Bedford Park Assoc.
K. Brussee, EBC

ENVIRONMENTAL BUSINESS CONSULTANTS
1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870
E-mail csosik2@optonline.net

Charles Sosik

From: Charles Sosik [csosik2@optonline.net]
Sent: Thursday, July 24, 2008 11:15 AM
To: 'Man-tsz Yau'
Cc: 'spsingh@gw.dec.state.ny.us'; 'Kevin Brussee'
Subject: Former Dico G - 3035 WPR Update
Attachments: Oxidant Inj well locations.pdf

Mandy,
Oxidant injections were performed last Sunday. We will sample the monitoring wells next week and make a determination on another injection. The contractor is ready to pour the slab in the basement so as a contingency we are placing eight 6-inch diameter access holes in the slab in the event that we need to install additional injection points. The slab will be poured next week. The sub-slab venting system is also scheduled to be installed sometime within the next 2 weeks. I'll let you know as soon as I have a firm date. Call with questions or comments.

Charles B. Sosik, P.G.
Principal
EBC
Environmental Business Consultants
Ph: 631.504.6000
Fax: 631.924.2870
Cell: 631.357.4927
csosik2@optonline.net

Charles Sosik

From: Charles Sosik [csosik2@optonline.net]
Sent: Monday, June 30, 2008 6:57 PM
To: 'Man-tsz Yau'
Cc: 'spsingh@gw.dec.state.ny.us'
Subject: Former Dico G - 3035 WPR Update
Attachments: IRM Monitoring Well Results.pdf; GW Elevation 6-3-08.pdf; Oxidant Inj well locations.pdf

Mandy,
We completed the installation of the 12 oxidant injection wells yesterday. Attached please find an oxidant well location map, monitoring well location map with recent sampling results and a groundwater flow map. As shown VOC concentrations are under 5,000 ug/L and groundwater flow is to the east toward White Plains Road and Adee Street. We plan to begin oxidant injections next week.

Construction of the building is proceeding according to schedule. The first floor deck has been installed and they are erecting steel girders for the additional floors. They have not installed the concrete slab in the basement garage, allowing us full access for groundwater treatment. Please call with questions or if you need additional information. Thanks.

Charles B. Sosik, P.G.
Principal
EBC
Environmental Business Consultants
Ph: 631.504.6000
Fax: 631.924.2870
Cell: 631.357.4927
csosik2@optonline.net

Charles Sosik

From: Charles Sosik [csosik2@optonline.net]
Sent: Thursday, May 29, 2008 8:59 AM
To: 'spsingh@gw.dec.state.ny.us'; 'mwyau@gw.dec.state.ny.us'; 'ariel@amc-engineering.com: ScarpaArch@msn.com'
Subject: Daily Status Report - SITE: 3035 White Plains Rd., Bronx

DAILY STATUS REPORT

DATE May 30, 2008

SITE: 3035 White Plains Rd., Bronx

EXCAVATION: Completed

DE-WATER: Completed

TRUCKS OUT: none

TRUCKS IN: Import of virgin crushed stone complete in basement area

OTHER: Installation of concrete walls, footings and piers complete.

Investigative Activities: Survey of excavation completed for volume calculation. 6 new post-excavation monitoring wells installed within the basement area. Wells sampled on 5/27/08

Planned: Install 3 new post-excavation monitoring wells in retail area for groundwater assessment. Design oxidant injection program and install injection wells.

Charles B. Sosik, P.G.
Principal
EBC
Environmental Business Consultants
Ph: 631.504.6000
Fax: 631.924.2870
Cell: 631.357.4927
csosik2@optonline.net

Charles Sosik

From: Charles Sosik [csosik2@optonline.net]
Sent: Wednesday, April 02, 2008 4:51 PM
To: 'spsingh@gw.dec.state.ny.us'; 'mwyau@gw.dec.state.ny.us'; 'Ariel Czemerinski, PE'; 'Robert Scarpa'; 'Richard Powers'
Subject: FW: Daily status report - 3035 White Plains Rd.,Brooklyn 3/31/08

DAILY STATUS REPORT

DATE March 31 (Mon.), 08

EXCAVATION: not today

DEWATER: Yes, started up de-water process again, through activated carbon drums as before.

TRUCKS OUT: 10 loads out (10 wheeler trucks) soil disposal to Clean Earth, Carteret ,NJ

TRUCKS IN: none

OTHER: n/a

NOTES: Tomorrow Tues. 4/1 , excavation to resume, de-water may be required pending rain & sepage.
12 more loads scheduled for tomorrow re: disposal of soil @ Clean Earth , Carteret ,NJ

Richard Bombard /site monitor
EBC
cell (631) 831-1677

Charles Sosik

From: Charles Sosik [csosik2@optonline.net]
Sent: Wednesday, April 02, 2008 4:52 PM
To: 'spsingh@gw.dec.state.ny.us'; 'mwyau@gw.dec.state.ny.us'; 'Ariel Czemerinski, PE'; 'Robert Scarpa'; 'Richard Powers'
Subject: FW: Daily status report - 3035 White Plains Rd.,Brooklyn 4/1/08

DAILY STATUS REPORT

DATE April 1 (Tues.), 08

EXCAVATION: Mix of soil & rock excavation @ Northern portion of site.

DEWATER: Only necessary in early :am through carbon activated drums as prior.

TRUCKS OUT: 12 loads (10 wheeler trucks) contaminated soil for disposal @ Clean Earth, Carteret, NJ facility.

TRUCKS IN: Concrete truck (1) re: foundation pour.

OTHER: n/a

NOTES: Tomorrow 4/2/08 - no trucks scheduled for outbound, inbound gravel possible TBA, excavation yes & dewater likely.

Richard Bombard (site monitor)
EBC
cell (631) 831-1677

Charles Sosik

From: Charles Sosik [csosik2@optonline.net]
Sent: Wednesday, April 02, 2008 4:54 PM
To: 'spsingh@gw.dec.state.ny.us'; 'mwyau@gw.dec.state.ny.us'; 'Ariel Czemerinski, PE'; 'Robert Scarpa'; 'Richard Powers'
Subject: FW: Daily status report - 3035 White Plains Rd.,Brooklyn 4/2/08

DAILY STATUS REPORT

DATE April 2 (Weds.), 08

EXCAVATION: Mix of rock & soil Northern portion of site.

DE-WATER: De-water through activated carbon drums as before (early :am only req.)

TRUCKS OUT: None

TRUCKS IN: None

OTHER: n/a

NOTES: Tomorrow Thurs.4/3/08 TBA.
Fri. 4th Trucks scheduled (gravel) virgin stone delivery from Tilcon-Mt.Hope quarry.

Richard Bombard /site monitor
EBC
cell (631) 831-1677

Charles Sosik

From: Charles Sosik [csosik2@optonline.net]
Sent: Wednesday, April 09, 2008 5:24 PM
To: 'spsingh@gw.dec.state.ny.us'; 'mwyau@gw.dec.state.ny.us'; 'Ariel Czemerinski, PE'; 'Robert Scarpa'; 'Richard Powers'
Subject: FW: Daily status report - 3035 White Plains Rd.,Bronx 4/4/08

DAILY STATUS REPORT

DATE April 4 (Fri.), 08

3035 White Plains Rd., Bronx

EXCAVATION: none

DE-WATER: De-water through activated carbon drums.

TRUCKS OUT: none

TRUCKS IN: none

OTHER: n/a

NOTES: Trucks due from Tilcon have been postponed until next week.

Richard Bombard /site monitor
EBC
cell (631) 831-1677

Charles Sosik

From: Charles Sosik [csosik2@optonline.net]
Sent: Wednesday, April 09, 2008 5:23 PM
To: 'spsingh@gw.dec.state.ny.us'; 'mwyau@gw.dec.state.ny.us'; 'Ariel Czemerinski, PE'; 'Robert Scarpa'; 'Richard Powers'
Subject: FW: Daily status report - 3035 White Plains Rd., Bronx

Subject: Daily status report - 3035 White Plains Rd., Bronx

DAILY STATUS REPORT

DATE April 8 (Tues), 08

SITE: 3035 White Plains Rd., Bronx

EXCAVATION: none (re: loading trucks)

DE-WATER: minimal de-water required.

TRUCKS OUT: 12 loads (10 wheelers) contaminated soil disposal @ Clean Earth, Carteret, NJ

TRUCKS IN: none

OTHER: n/a

NOTES: tomorrow expecting concrete pour, no trucks scheduled out.

Richard Bombard /site monitor
EBC
cell (631) 831-1677

Planning your summer road trip? Check out AOL Travel Guides.

Charles Sosik

From: Charles Sosik [csosik2@optonline.net]
Sent: Wednesday, April 09, 2008 5:23 PM
To: 'spsingh@gw.dec.state.ny.us'; 'mwyau@gw.dec.state.ny.us'; 'Ariel Czemerinski, PE'; 'Robert Scarpa'; 'Richard Powers'
Subject: FW: Daily status report- 3035 white Plains Rd., Bronx

DAILY STATUS REPORT

DATE April 9 (Weds), 08

SITE: 3035 White Plains Rd., Bronx

EXCAVATION: Rock only

DE-WATER: minimal de-watering required.

TRUCKS OUT: none

TRUCKS IN: Concrete pour, lumber delivery

OTHER: n/a

NOTES: Tilcon- virgin stone (gravel) delivery from Mt Hope quarry, expect tomorrow or Fri.

Richard Bombard /site monitor
EBC
cell (631) 831-1677

Charles Sosik

From: Charles Sosik [csosik2@optonline.net]
Sent: Wednesday, April 09, 2008 5:24 PM
To: 'spsingh@gw.dec.state.ny.us'; 'mwyau@gw.dec.state.ny.us'; 'Ariel Czemerinski, PE'; 'Robert Scarpa'; 'Richard Powers'
Subject: FW: Daily status report - 3035 White Plains Rd.,Bronx 4/7/08

DAILY STATUS REPORT

DATE April 7 (Mon.) 08

3035 White Plains Rd., Bronx

EXCAVATION: Center portion of site

DE-WATER: De-water through activated carbon drums as before (early :am only req.)

TRUCKS OUT: 8 loads *rock only to Millington, NJ

TRUCKS IN: none

OTHER: n/a

NOTES: Tomorrow have scheduled trucks - 12 loads re: contaminated soil disposal @ Carteret, NJ Clean Earth

Richard Bombard /site monitor
EBC
cell (631) 831-1677

Charles Sosik

From: Charles Sosik [csosik2@optonline.net]
Sent: Sunday, February 10, 2008 2:07 PM
To: 'spsingh@gw.dec.state.ny.us'; 'mwyau@gw.dec.state.ny.us'
Cc: 'Damion Lawyer'; 'Ariel Czemerinski, PE'; 'Robert Scarpa'; 'Richard Powers'; 'kbrussee@optonline.net'
Subject: Daily Report BCP ID No. C203039 1/26 - 2/1

28 loads of overburden soil and contaminated bedrock were shipped from the site to Clean earth on 1/19, 14 loads on 1/30 and 7 loads on 1/31.
13 loads of clean bedrock material were shipped to Tilcon on 2/1 and 12 loads on 2/4. Bedrock chipping and excavation continued on 2/5 and 2/6. No loads were shipped on 2/7 due to a mechanical problem with the hydraulic hammer on the excavator. 19 loads of clean bedrock material were shipped on 2/8. Excavation of bedrock material is expected to continue through next week.

A sewer discharge application package was submitted to DEP on 1/31. No response has been received on this as of this time. Following DEP approval of the discharge request, the excavation will be dewatered to allow installation of the concrete piers and footings for the garage area. Excavation work is expected to be completed next week.

Charles B. Sosik, P.G.
Principal
EBC
Environmental Business Consultants
Ph: 631.504.6000
Fax: 631.924.2870
Cell: 631.357.4927
csosik2@optonline.net

Charles Sosik

From: Damion Lawyer [damionlawyer@gmail.com]

Sent: Monday, December 17, 2007 8:00 PM

To: spsingh@gw.dec.state.ny.us; mwyau@gw.dec.state.ny.us; Robert Scarpa; Richard Powers; Ariel Czemerinski, PE; Charles Sosik

Subject: 3035 White Plains Road

Re: BCP ID No. C203039

Shoring materials staged today at 3035 White Plains Road. Excavation before the first of the year is unlikely.

Best,
Damion Lawyer

Charles Sosik

From: Damion Lawyer [damionlawyer@gmail.com]

Sent: Friday, December 21, 2007 10:02 PM

To: spsingh@gw.dec.state.ny.us; mwyau@gw.dec.state.ny.us; Robert Scarpa; rpowers@arkorcompanies.com; Ariel Czemerinski, PE; Charles Sosik

Subject: 3035 WPR

Re: BCP ID No. C203039

Shoring on the south and west walls at 3035 White Plains Road continued northward this week after a weather delay. No excavation is expected until the 1rst of the year.
An accident occurred last Wednesday morning Dec 12th. As a bundle of 12" by 12' timbers were being unbound a timber near the top of the pile was loosed which pinned Mr. Powers foot, breaking three bones. An accident report has been filed with the state.

Charles Sosik

From: Damion Lawyer [damionlawyer@gmail.com]

Sent: Thursday, December 27, 2007 9:40 PM

To: spsingh@gw.dec.state.ny.us; mwyau@gw.dec.state.ny.us; Robert Scarpa; Richard Powers; Ariel Czemerinski, PE; Charles Sosik

Subject: 3035 WPR 12/27

Re: BCP ID No. C203039

Shoring along the west property line continued today and should be completed by the first of the year. Excavation of 30 truckloads is scheduled for Wednesday Jan. 2nd.

Best,
Damion Lawyer

Charles Sosik

From: Damion Lawyer [damionlawyer@gmail.com]

Sent: Tuesday, January 08, 2008 10:52 AM

To: Charles Sosik; spsingh@gw.dec.state.ny.us; mwyau@gw.dec.state.ny.us; Robert Scarpa; Richard Powers; Ariel Czemerinski, PE

Subject: BCP ID No. C203039 Former Dico G 3035 WPR

Project Status Update - 1/7/08

Excavation continued Monday in Grid C1-3 with 24 truckloads shipping to the Clean Earth Facility in Carteret. Noticeable gasoline odor was slight and limited to the western fence line in Grids B and C. Petroleum impacted soil was encountered in Grid C1 at a depth of approx. 8.5 feet in a thin 2-3 inch layer along the bedrock surface. No accumulation of groundwater in this area was noted.

No complaints regarding noise or odor were received.

Damion Lawyer
917 679 9789

Charles Sosik

From: Damion Lawyer [damionlawyer@gmail.com]

Sent: Wednesday, January 09, 2008 7:11 PM

To: Charles Sosik; spsingh@gw.dec.state.ny.us; mwyau@gw.dec.state.ny.us; Robert Scarpa; Richard Powers; Ariel Czemerinski, PE

Subject: BCP ID No. C203039 Former Dico G 3035 WPR

Project Status Update - 1/9/08

A puddle of aged gasoline product was uncovered this morning at 3035 White Plains Road. It was encountered at a depth of approximately 14 feet in Grid A2 and 18 feet east of the western fence line. The hole is 7 feet by 6 feet wide. A vacuum truck will be on site tomorrow to remove the gasoline.

Odor was noticeable downwind on Adee St. and PID readings peaked at 6.7ppm on the rim of the pit. No complaints were lodged.

Damion Lawyer
917 679 9789

Charles Sosik

From: Damion Lawyer [damionlawyer@gmail.com]

Sent: Thursday, January 10, 2008 7:59 PM

To: Charles Sosik; spsingh@gw.dec.state.ny.us; mwyau@gw.dec.state.ny.us; Robert Scarpa; Richard Powers; Ariel Czemerinski, PE

Subject: BCP ID No. C203039 Former Dico G 3035 WPR

Project Status Update - 1/10/08

A vacuum truck was on site today at 3035 White Plains Road to remove gasoline impacted water uncovered yesterday in Grid A and other pools of accumulated water in the pit. Two 55-gallon storage drums for waste water were emptied and the total amount removed from the site was 960 gallons. A small amount of aged gasoline was uncovered as rock breaking proceeded 7-9 feet north of where the product was encountered on Wednesday. This product was also vacuumed. Although odor was noticeable on the downwind edges of the pit, PID readings peaked at 5.7ppm.

A total of 17 truckloads were removed from Grids D and E and none of the material showed visual or olfactory signs of petroleum impact. 30 trucks are scheduled for pickup for tomorrow Friday Jan. 11th. No complaints were lodged.

Damion Lawyer
917 679 9789

Charles Sosik

From: Damion Lawyer [damionlawyer@gmail.com]

Sent: Tuesday, January 15, 2008 7:53 PM

To: Charles Sosik; spsingh@gw.dec.state.ny.us; mwyau@gw.dec.state.ny.us; Robert Scarpa; Richard Powers; Ariel Czemerinski, PE

Subject: BCP ID No. C203039 Former Dico G 3035 WPR

Project Status Update - 1/15/08

After a delay in bedrock removal due to a broken piston, excavation of bedrock continued today at 3035 White Plains Road. A 1 inch layer of bedrock in Grid C3 showed evidence of petroleum exposure at a depth of approximately 10 feet near the end of the work day. PID readings in the pit peaked at 9.7ppm in close proximity to the impacted rock in C3. Odor was noticeable at times but readings above the pit were not significant.

A vacuum truck removed a total of 8,876 gallons of petroleum impacted water.

An inspector from the NY DOB requested that a noise mitigation plan be posted, but no complaints were lodged. A noise mitigation plan will be posted tomorrow morning.

Damion Lawyer
917 679 9789

Charles Sosik

From: Damion Lawyer [damionlawyer@gmail.com]

Sent: Friday, January 18, 2008 9:30 PM

To: Charles Sosik; spsingh@gw.dec.state.ny.us; mwyau@gw.dec.state.ny.us; Robert Scarpa; Richard Powers; Ariel Czemerinski, PE

Subject: BCP ID No. C203039 Former Dico G 3035 WPR

Project Status Update - 1/18/08

Rock removal continued Wednesday 1/16 at 3035 White Plains Road in Grid C2-3. A small amount of impacted material was encountered 15 inches into bedrock along what appeared to be a plane of minimum cohesion approx. .5-1" thick. PID readings in the breathing zone peaked at 7.2ppm for brief intervals. An official from DOB requested a noise mitigation plan be posted.

On 1/17 the noise mitigation plan documents were posted and samples were taken from standing water in Grid A for analysis. A small amount of rock removal revealed no impacted material. While PID readings were not significant, an odor of gasoline was noticeable at times.

Rock removal continued on 1/18 and occasional pockets of odorous impacted material were noted and PID readings in the breathing zone as these were uncovered peaked at 3.2ppm within approx. 15 feet of noticeably stained rock.

No complaints were noted.

Damion Lawyer
917 679 9789

Charles Sosik

From: Damion Lawyer [damionlawyer@gmail.com]

Sent: Monday, January 28, 2008 4:39 PM

To: Charles Sosik; spsingh@gw.dec.state.ny.us; mwyau@gw.dec.state.ny.us; Robert Scarpa; Richard Powers; Ariel Czemerinski, PE

Subject: Daily Report BCP ID No. C203039 1/24-1/25

BCP ID No. C203039 Former Dico G Truck & Auto 3035 White Plains Road

After a break in removal due to weather and machinery failure, excavation commenced again last Thursday at 3035 White Plains Road in the Bronx. Small amounts of impacted grit along cleavage planes were encountered during excavation Thursday afternoon. On Friday 28 truckloads of remaining overburden and impacted rock were carted to Clean Earth in Cartaret, NJ. No complaints were lodged.

Damion Lawyer
917 679 9789

Charles Sosik

From: Damion Lawyer [damionlawyer@gmail.com]

Sent: Monday, February 25, 2008 7:23 PM

To: Charles Sosik; spsingh@gw.dec.state.ny.us; mwyau@gw.dec.state.ny.us; Robert Scarpa; Richard Powers; Ariel Czemerinski, PE

Subject: Daily Report 3035 White Plains Road 2/25/08

37 Loads of clean rock went to Tilcon last week. Rock breaking and excavation continued today in Grids C4 and D3.

Charles Sosik

From: Damion Lawyer [damionlawyer@gmail.com]
Sent: Wednesday, February 27, 2008 9:26 PM
To: Charles Sosik; spsingh@gw.dec.state.ny.us; mwyau@gw.dec.state.ny.us; Robert Scarpa; Richard Powers
Subject: Daily Report 3035 White Plains Road 2/27/08

8 Loads of clean rock were trucked to Tilcon today.

Damion Lawyer

Charles Sosik

From: Damion Lawyer [damionlawyer@gmail.com]
Sent: Thursday, February 28, 2008 8:33 PM
To: Charles Sosik; spsingh@gw.dec.state.ny.us; mwyau@gw.dec.state.ny.us; Robert Scarpa; Richard Powers; Ariel Czemerinski, PE
Subject: Daily Report 3035 White Plains Road 2/28/08

Carbon units were tested today- pit water outflow from the carbon units was sampled and delivered for analysis. Two loads of clean rock were trucked to Tilcon.

Damion Lawyer

Charles Sosik

From: Damion Lawyer [damionlawyer@gmail.com]

Sent: Wednesday, March 12, 2008 9:14 PM

To: Charles Sosik; spsingh@gw.dec.state.ny.us; mwyau@gw.dec.state.ny.us; Richard Powers; Ariel Czemerinski, PE; Robert Scarpa

Subject: Daily Report 3035 White Plains Road

Last week, 4 truck loads of clean rock were trucked to Tilcon. Eighteen truckloads of contaminated soil were sent to Clean Earth Carteret, NJ. This week, 30 truckloads of clean rock have been sent to Tilcon.

Damion Lawyer
917 679 9789

Charles Sosik

From: Bombards@aol.com
Sent: Tuesday, April 15, 2008 3:27 PM
To: csosik2@optonline.net
Cc: spsingh@gw.dec.state.ny.us; mwyau@gw.dec.state.ny.us; ariel@amc-engineering.com: ScarpaArch@msn.com; rpowers@archercompanies.com
Subject: Daily status report - SITE: 3035 White Plains Rd.,Bronx 4/14/08

DAILY STATUS REPORT

DATE April 14 (Mon.), 08

SITE: 3035 White Plains Rd., Bronx

EXCAVATION: rock center/east portion of site

DE-WATER: minimal de-watering required in the :am.

TRUCKS OUT: none

TRUCKS IN: none

OTHER: n/a

NOTES: Trucks scheduled for excavated rock transport out & fill transport in.

Richard Bombard /site monitoring
EBC *Environmental Business Consultants*
cell (631) 831-1677
office (631) 504-6003
fax (631) 924-2870

.

Charles Sosik

From: Bombards@aol.com

Sent: Wednesday, April 16, 2008 6:37 PM

To: csosik2@optonline.net

Cc: spsingh@gw.dec.state.ny.us; mwyau@gw.dec.state.ny.us; ariel@amc-engineering.com: ScarpaArch@msn.com; rpowers@archercompanies.com

Subject: Daily status report - SITE: 3035 White Plains Rd.,Bronx 4/15/08

DAILY STATUS REPORT

DATE April 15 (Tues.), 08

SITE: 3035 White Plains Rd., Bronx

EXCAVATION: Primarily rock, some soil @ center of site

DE-WATER: no de-watering required.

TRUCKS OUT: 7 loads (10 wheelers) rock only - to Tilcon,NJ

TRUCKS IN: 3 loads - fill from Tilcon

OTHER: n/a

NOTES:

Richard Bombard /site monitoring

EBC *Environmental Business Consultants*

cell (631) 831-1677
office (631) 504-6003
fax (631) 924-2870

Charles Sosik

From: Bombards@aol.com
Sent: Sunday, April 20, 2008 3:49 PM
To: csosik2@optonline.net
Cc: rpowers@archercompanies.com
Subject: Daily Status Report 3035 White Plains Rd., Bronx 4/16/08

DAILY STATUS REPORT

DATE April 16 (Weds.) 08

SITE: 3035 White Plains Rd., Bronx

EXCAVATION: rock @ center of site

DE-WATER: no de-watering required.

TRUCKS OUT: none

TRUCKS IN: none

OTHER: n/a

NOTES:

Richard Bombard /site monitoring
EBC *Environmental Business Consultants*
cell (631) 831-1677
office (631) 504-6003
fax (631) 924-2870

Charles Sosik

From: Bombards@aol.com
Sent: Sunday, April 20, 2008 3:51 PM
To: csosik2@optonline.net
Cc: rpowers@archercompanies.com
Subject: Daily Status Report 3035 White Plains Rd., Bronx 4/17/08

DAILY STATUS REPORT

DATE April 17 (Thurs.) 08

SITE: 3035 White Plains Rd., Bronx

EXCAVATION: rock @ center of site

DE-WATER: Minimal de-watering required in :am

TRUCKS OUT: none

TRUCKS IN: none

OTHER: n/a

NOTES:

Richard Bombard /site monitoring
EBC *Environmental Business Consultants*
cell (631) 831-1677
office (631) 504-6003
fax (631) 924-2870

Charles Sosik

From: Bombards@aol.com
Sent: Sunday, April 20, 2008 3:51 PM
To: csosik2@optonline.net
Cc: rpowers@archercompanies.com
Subject: Daily Status Report 3035 White Plains Rd., Bronx 4/18/08

DAILY STATUS REPORT

DATE April 18 (Fri.) 08

SITE: 3035 White Plains Rd., Bronx

EXCAVATION: rock @ center of site

DE-WATER: no de-watering required

TRUCKS OUT: none

TRUCKS IN: none

OTHER: n/a

NOTES:

Richard Bombard /site monitoring
EBC *Environmental Business Consultants*
cell (631) 831-1677
office (631) 504-6003
fax (631) 924-2870

Charles Sosik

From: Bombards@aol.com
Sent: Friday, April 25, 2008 4:53 PM
To: csosik2@optonline.net
Cc: rpowers@archercompanies.com
Subject: Daily Status report 3035 White plains Rd., Bronx 4/21/08 - 4/25/08

DAILY STATUS REPORT

SITE: 3035 White Plains Rd., Bronx

	Mon 4/21/08	Tues 4/22/08	Weds. 4/23/08	Thurs. 4/24/08	Fri 4/25/08
EXCAVATION:	rock	rock	rock	rock	rock
DE-WATER:	No	No	No	Min.	No
TRUCKS OUT:	none	none	none	none	none
TRUCKS IN:	none	6 loads -fill Tilcon	none	none	none

OTHER: Fri.25th took H2O samples (1) future elevator shaft (2) South West corner, sent to Chemtech Lab re:analysis 8260 (VOC's))

NOTES:

Richard Bombard /site monitoring
EBC *Environmental Business Consultants*
cell (631) 831-1677
office (631) 504-6003
fax (631) 924-2870

Need a new ride? Check out the largest site for U.S. used car listings at AOL Autos.

Charles Sosik

From: Bombards@aol.com
Sent: Monday, May 05, 2008 9:31 AM
To: csosik2@optonline.net
Cc: rpowers@archercompanies.com
Subject: Week staus report 3035 White plains Rd., Bronx

DAILY STATUS REPORT

SITE: 3035 White Plains Rd., Bronx

	Mon 4/28/08	Tues 4/29/08	Weds. 4/30/08	Thurs. 5/1/08	Fri 5/2/08
EXCAVATION:	rain	none	rock	rock	soil/ rock
DE-WATER:	No	yes	No	No	No
TRUCKS OUT:	none	none	none	none	none
TRUCKS IN:	none	none	none	concrete	none

OTHER:

NOTES: Week 5/2/08 Will require final soil disposal (approx. 4 loads) to Clean Earth.
Well installation starting @ South.

Richard Bombard /site monitoring
EBC *Environmental Business Consultants*
cell (631) 831-1677
office (631) 504-6003
fax (631) 924-2870

Charles Sosik

From: Charles Sosik [csosik2@optonline.net]
Sent: Thursday, September 18, 2008 12:51 PM
To: 'Man-tsz Yau'
Cc: 'spsingh@gw.dec.state.ny.us'
Subject: Former Dico G 3035 WPR, Bronx
Attachments: IRM Monitoring Well Results 8-08.pdf; Oxidant Inj well locations.pdf

Project Update

2 new oxidant injection wells were installed on Saturday 9-13-08 in response to high VOC levels identified in MW7 during the performance sampling round in August. A full oxidant injection round was carried out at the site on Sunday 9-14-07.

We anticipate performing another oxidant sampling round at the site in approximately 2 weeks.
Installation of the sub-slab vent piping was postponed this week but is expected to take place next week.

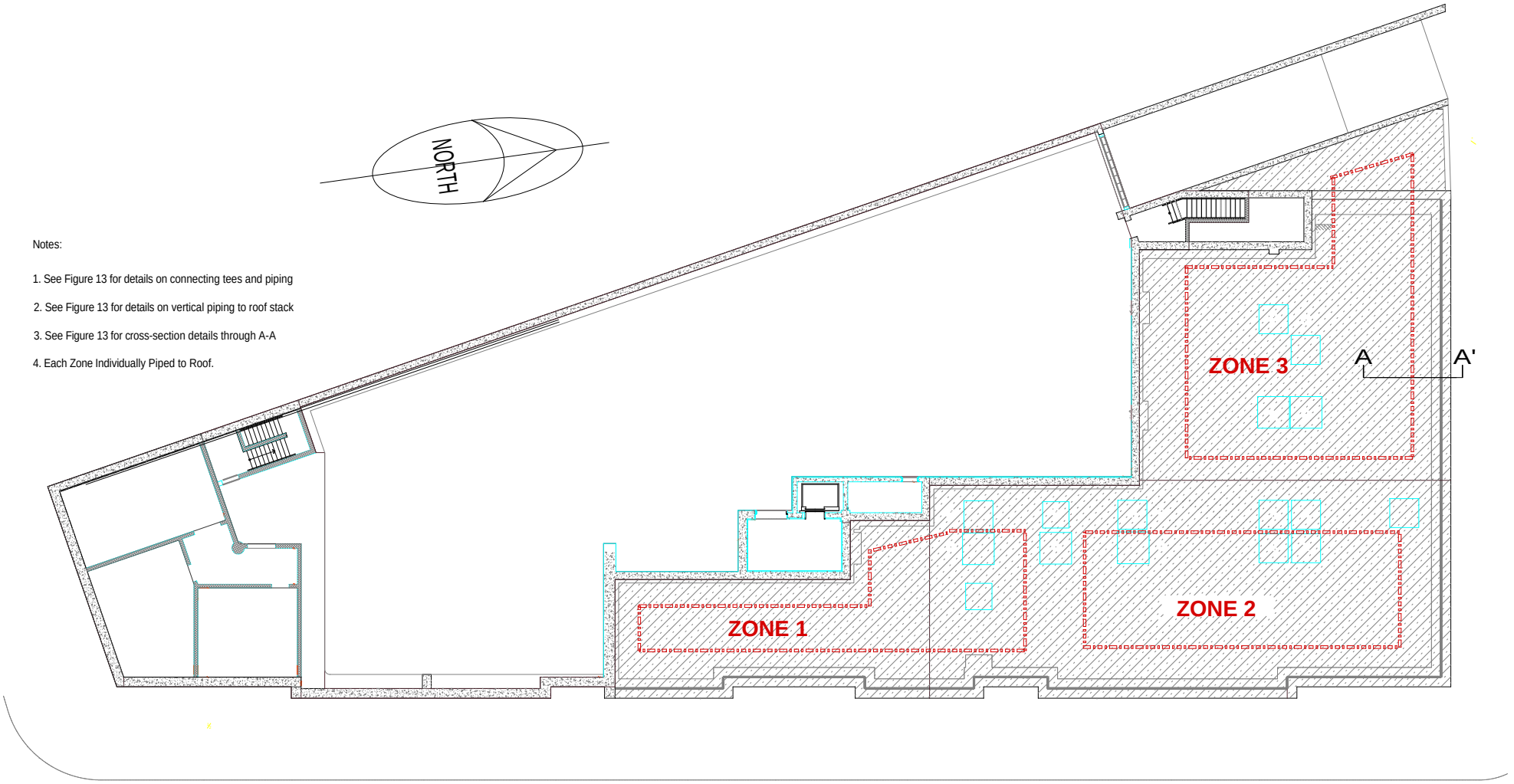
Charles B. Sosik, P.G.
Principal
EBC
Environmental Business Consultants
Ph: 631.504.6000
Fax: 631.924.2870
Cell: 631.357.4927
csosik2@optonline.net

APPENDIX - T

Digital Photo Log

APPENDIX - U

Sub-Slab Depressurization System Details



Notes:

1. See Figure 13 for details on connecting tees and piping
2. See Figure 13 for details on vertical piping to roof stack
3. See Figure 13 for cross-section details through A-A
4. Each Zone Individually Piped to Roof.

4" Perforated HDPE vent line w / filter sock

0 15 30

1inch = 30 feet

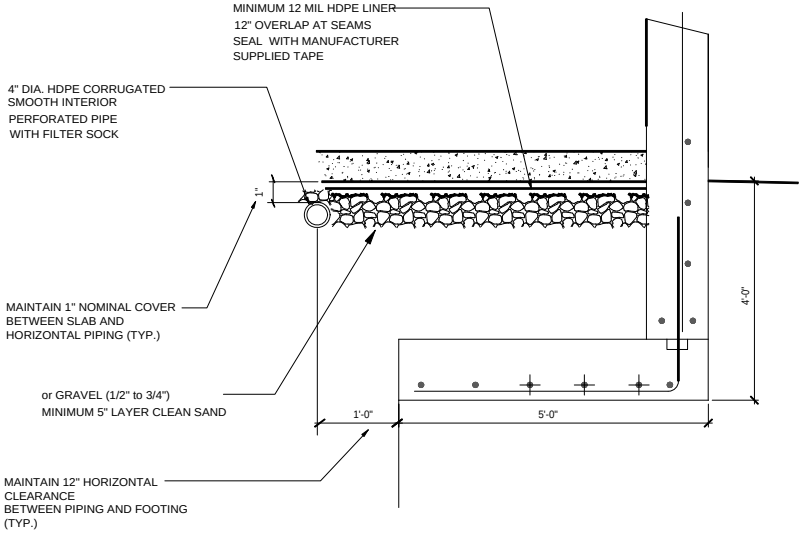
WHITE PLAINS ROAD

EBC
Environmental Business Consultants

Phone 631.504.6000
Fax 631. 924 .2870

Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY

FIGURE 12 Sub-Slab Depressurization System Layout

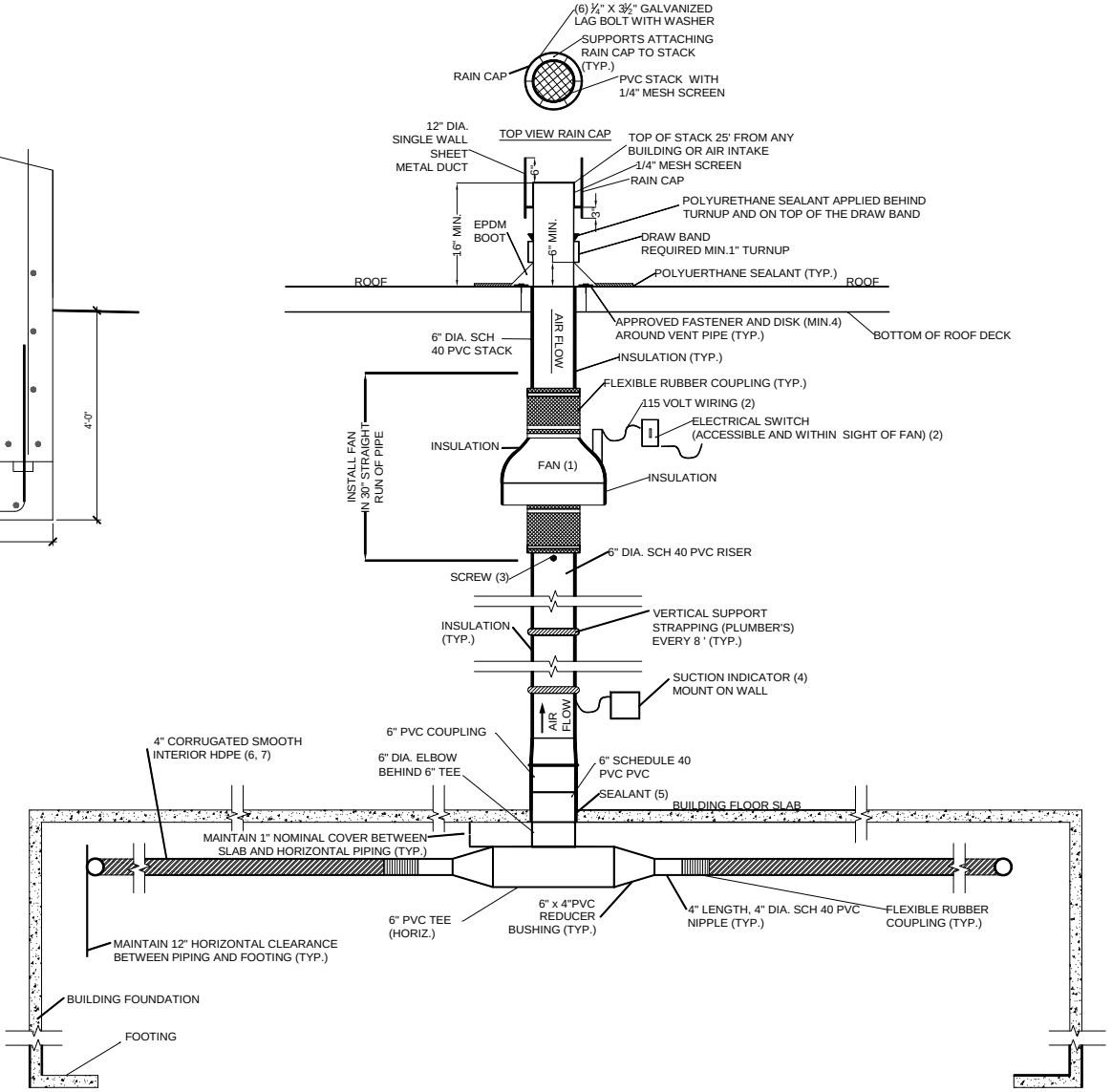


A -A

N.T.S.

NOTES:

1. FAN TO BE RADONAWAY HIGH-FLOW IN-LINE FAN, MODEL RP 265, OR APPROVED EQUAL.
2. FAN AND ON/OFF SWITCH TO BE HARD-WIRED TOGETHER TO 115 VOLT CIRCUIT.
3. SECURE RUBBER COUPLING WITH SCREW TO PREVENT FAN ASSEMBLY FROM SLIPPING DOWN VERTICAL PIPE.
4. DWYER MAGNAHELIC DIAL TYPE VACUUM GAUGE MODEL 2002-M OR APPROVED EQUAL.
5. SEAL OPENING WITH ELASTOMERIC JOINT SEALANT AS DEFINED IN ASTM C920.
6. HIGH DENSITY POLYETHYLENE CORRUGATED PERFORATED PIPE WITH SMOOTH INTERIOR WATERWAY. ADS N-12 OR APPROVED EQUAL.
7. WRAP 4' HDPE PIPE WITH GEOTEXTILE FABRIC, GSE NW4 OR APPROVED EQUAL.
8. NYSDEC MUST PRE-APPROVE ALL FILLMATERIAL BEFORE DELIVERY TO SITE. VIRGIN MINED MATERIAL ONLY.



SUB - SLAB VENTING SYSTEM - DETAIL/ELEVATION

N.T.S.

TYPICAL PLAN

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

1808 Middle Country Road
Ridge, NY 11961

Phone *631.924.0870*
Fax *631. 924 .2870*

3035 WHITE PLAINS ROAD, BRONX, NY

SSDS - DETAIL

FIGURE 13

APPENDIX - V

Chemical Oxidant Documentation

FMC

Environmental Solutions

KLOZUR
Power. Stability. Versatility.

Klozur™ Activation Chemistries

Selection Guide:

- ✓ **recommended, lab or field data demonstrating success**
- ■ **recommended, no available lab or field data**
- Ø **not recommended**

Contaminant / Activator	Fe Chelate	Alkaline	Hydrogen Peroxide	Heat
Chlorinated Solvents				
Tetrachloroethene (PCE)	✓	✓	✓	✓
Trichloroethene (TCE)	✓	✓	✓	✓
Dichloroethene (*cis* and *trans* DCE)	✓	✓	✓	✓
Trichloroethane (TCA)	Ø	✓	✓	✓
Dichloroethane (DCA)	Ø	✓	■	✓
Carbon tetrachloride	Ø	✓	✓	✓
Chloroethane	Ø	■	■	✓
Chloroform	Ø	✓	✓	✓
Chloromethane	Ø	■	■	✓
Chlorotoluene	■	■	■	✓
Methylene chloride	Ø	✓	✓	✓
Vinyl chloride	✓	✓	✓	✓
Dichloropropane	Ø	■	■	✓
Dichloropropene	Ø	■	■	✓
Hexachlorobutadiene	Ø	■	■	✓
Tetrachloroethane	Ø	■	✓	■
Trichloropropane	Ø	■	■	✓
BTEX				
Benzene	✓	✓	✓	✓
Toluene	✓	✓	✓	✓
Ethylbenzene	✓	✓	✓	✓
Xylenes	✓	✓	✓	✓
PAHs				
Acenaphthene	✓	✓	■	✓
Acenaphthylene	✓	✓	■	✓
Anthracene	■	✓	■	■
Benzo(a)anthracene	■	✓	■	■
Benzo(a)pyrene	■	✓	■	■
Benzo(b)fluoranthene	■	✓	■	■
Benzo(ghi)perylene	■	✓	■	■
Bis(2-ethyhexyl)phthalate	■	✓	■	■
n-butylbenzene	✓	■	■	✓
Chrysene	■	✓	■	■
Dibenzo(ah)anthracene	■	✓	■	■
Fluorene	✓	✓	■	✓
Naphthalene	✓	✓	■	✓
Nitrobenzene	Ø	Ø	✓	✓
Phenathrene	✓	✓	✓	✓
Propylbenzene	✓	✓	✓	✓
4-iso-propyltoluene	✓	✓	✓	✓
Pyrene	■	✓	■	■
Styrene	✓	✓	✓	✓
Trimethylbenzene	✓	✓	✓	✓
Oxygenates				
Methyl tert-butyl ether (MTBE)	✓	✓	✓	✓
Tert-butyl alcohol (TBA)	✓	✓	✓	✓

FMC

Environmental Solutions

KLOZUR
Power. Stability. Versatility.

Selection Guide:

✓	**recommended, lab or field data demonstrating success**
■	**recommended, no available lab or field data**
Ø	**not recommended**

Contaminant / Activator	Fe Chelate	Alkaline	Hydrogen Peroxide	Heat
Petroleum Hydrocarbons				
GRO (octane)	Ø	✓	✓	■
DRO (dodecane)	Ø	✓	✓	■
ORO (C20 alkane)	Ø	✓	✓	■
Creosote (coal tar)	✓	✓	■	■
Chlorobenzenes				
Chlorobenzene	✓	✓	■	✓
Dichlorobenzene	✓	✓	■	✓
Trichlorobenzene	Ø	✓	■	✓
Phenols				
Phenol	■	■	■	✓
4-chloro-3-methyl phenol	■	■	■	✓
2-chlorophenol	■	■	■	✓
2,4-dichlorophenol	■	■	■	✓
2,4-dinitrophenol	■	■	■	✓
4-nitrophenol	■	■	■	✓
Pentachlorophenol	■	■	■	✓
Haloalkanes				
Dichlorodifluoromethane (Freon 12)	Ø	✓	■	✓
Trichlorofluouromethane (Freon 11)	Ø	✓	■	✓
Trichlorotrifluoroethane (Freon 113)	Ø	✓	■	✓
Pesticides				
α-Chlordane	Ø	✓	■	✓
DDD	Ø	✓	■	✓
DDE	Ø	✓	■	✓
DDT	Ø	✓	■	✓
Heptachlor Epoxide	Ø	✓	■	✓
Lindane (hexachlorocyclohexane)	✓	✓	✓	✓
Miscellaneous				
Acetone	■	✓	✓	✓
4-methyl-2-pentanone (MIBK)	✓	■	✓	✓
1,4-dioxane	✓	✓	✓	✓
BCEE	Ø	✓	✓	✓
BCEM	Ø	✓	✓	✓
Perchlorate	Ø	Ø	Ø	Ø
Polychlorinated biphenyls (PCBs)	Ø	✓	■	✓

The Klozur™ Activator Selection Guide is for guidance only. It is recommended that a suitable treatability study be performed to verify applicability to you specific contaminant and site conditions.

KLOZUR

FMC

Technical data

Klozur™

Environmental grade persulfate
CAS No. 7775-27-1

Typical formula by weight percent	$Na_2S_2O_8$	99% MW 238.1 g/mol
Active oxygen content		6.7%
pH of solution strength	**wt%**	**pH**
	20%	5.9
	Note: pH of solution will decrease over time.	

Typical properties	
Odor	none
Appearance	white crystals
Melting point	decomposes
Solubility @ 25°C	73 grms/100 grms H_2O
Loose bulk density, lb/ft^3	69.9
Crystal density, g/cc	2.59

Typical metallic impurity concentrations (ppm)	
Iron	2
Copper	<0.2
Chromium	<0.15
Lead	<0.2

Uses
Chemical oxidation of organic contaminants in conjunction with FMC Activation Chemistries

Shipment/container information:
DOT Classification: 5.1 (Oxidizer), yellow Oxidizer label.
55 lb (25 kg) polyethylene bag;
225 lb (102.3 kg) fiber drum with polyethylene liner;
2,200 lb (1,000 kg) woven polypropylene sack with polyethylene liner

HMIS classification:	
Health	1
Flammability	0
Physical hazard	1
Personal protection	J

FMC Corporation Active Oxidants Division 1735 Market Street Philadelphia, Pennsylvania 19103 215-299-6000

MATERIAL SAFETY DATA SHEET

Klozür™

MSDS Ref. No.: 7775-27-1-12
Date Approved: 02/22/2005
Revision No.: 1

This document has been prepared to meet the requirements of the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200; the Canada's Workplace Hazardous Materials Information System (WHMIS) and, the EC Directive, 2001/58/EC.

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	Klozür™
SYNONYMS:	Sodium Persulfate, Sodium Peroxydisulfate; Disodium Peroxydisulfate
GENERAL USE:	In situ and ex situ chemical oxidation of contaminants and compounds of concern for environmental remediation applications.

MANUFACTURER

FMC CORPORATION
Active Oxidants Division
1735 Market Street
Philadelphia, PA 19103
(215) 299-6000 (General Information)

EMERGENCY TELEPHONE NUMBERS

(800) 424-9300 (CHEMTREC - U.S.)
(303) 595-9048 (Medical - Call Collect)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

- White, odorless, crystals
- Oxidizer.
- Decomposes in storage under conditions of moisture (water/water vapor) and/or excessive heat causing release of oxides of sulfur and oxygen that supports combustion. Decomposition could form a high temperature melt. See Section 10 ("Stability and Reactivity").

POTENTIAL HEALTH EFFECTS: Airborne persulfate dust may be irritating to eyes, nose, lungs, throat and skin upon contact. Exposure to high levels of persulfate dust may cause difficulty in breathing in sensitive persons.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Wt.%	EC No.	EC Class
Sodium Persulfate	7775-27-1	>99	231-892-1	Not classified as hazardous

4. FIRST AID MEASURES

EYES: Flush with plenty of water. Get medical attention if irritation occurs and persists.

SKIN: Wash with plenty of soap and water. Get medical attention if irritation occurs and persists.

INGESTION: Rinse mouth with water. Dilute by giving 1 or 2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. See a medical doctor immediately.

INHALATION: Remove to fresh air. If breathing difficulty or discomfort occurs and persists, contact a medical doctor.

NOTES TO MEDICAL DOCTOR: This product has low oral toxicity and is not irritating to the eyes and skin. Flooding of exposed areas with water is suggested, but gastric lavage or emesis induction for ingestions must consider possible aggravation of esophageal injury and the expected absence of system effects. Treatment is controlled removal of exposure followed by symptomatic and supportive care.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Deluge with water.

FIRE / EXPLOSION HAZARDS: Product is non-combustible. On decomposition releases oxygen which may intensify fire. Presence of water accelerates decomposition.

FIRE FIGHTING PROCEDURES: Do not use carbon dioxide or other gas filled fire extinguishers; they will have no effect on decomposing persulfates. Wear full protective clothing and self-contained breathing apparatus.

FLAMMABLE LIMITS: Non-combustible

SENSITIVITY TO IMPACT: No data available

SENSITIVITY TO STATIC DISCHARGE: Not available

6. ACCIDENTAL RELEASE MEASURES

RELEASE NOTES: Spilled material should be collected and put in approved DOT container and isolated for disposal. Isolated material should be monitored for signs of decomposition (fuming/smoking). If spilled material is wet, dissolve with large quantity of water and dispose as a hazardous waste. All disposals should be carried out according to regulatory agencies procedures.

7. HANDLING AND STORAGE

HANDLING: Use adequate ventilation when transferring product from bags or drums. Wear respiratory protection if ventilation is inadequate or not available. Use eye and skin protection. Use clean plastic or stainless steel scoops only.

STORAGE: Store (unopened) in a cool, clean, dry place away from point sources of heat, e.g. radiant heaters or steam pipes. Use first in, first out storage system. Avoid contamination of opened product. In case of fire or decomposition (fuming/smoking) deluge with plenty of water to control decomposition. For storage, refer to NFPA Bulletin 430 on storage of liquid and solid oxidizing materials.

COMMENTS: VENTILATION: Provide mechanical general and/or local exhaust ventilation to prevent release of dust into work environment. Spills should be collected into suitable containers to prevent dispersion into the air.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

Chemical Name	ACGIH	OSHA	Supplier
Sodium Persulfate	0.1 mg/m^3 (TWA)		

ENGINEERING CONTROLS: Provide mechanical local general room ventilation to prevent release of dust into the work environment. Remove contaminated clothing immediately and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Use cup type chemical goggles. Full face shield may be used.

RESPIRATORY: Use approved dust respirator when airborne dust is expected.

PROTECTIVE CLOTHING: Normal work clothes. Rubber or neoprene footwear.

GLOVES: Rubber or neoprene gloves. Thoroughly wash the outside of gloves with soap and water prior to removal. Inspect regularly for leaks.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR:	None
APPEARANCE:	White crystals
AUTOIGNITION TEMPERATURE:	Not applicable. No evidence of combustion up to 800°C. Decomposition will occur upon heating.
BOILING POINT:	Not applicable
COEFFICIENT OF OIL / WATER:	Not applicable
DENSITY / WEIGHT PER VOLUME:	Not available
EVAPORATION RATE:	Not applicable (Butyl Acetate = 1)
FLASH POINT:	Non-combustible
MELTING POINT:	Decomposes
ODOR THRESHOLD:	Not applicable
OXIDIZING PROPERTIES:	Oxidizer
PERCENT VOLATILE:	Not applicable
pH:	typically 5.0 - 7.0 @ 25 °C (1% solution)
SOLUBILITY IN WATER:	73 % @ 25 °C (by wt.)
SPECIFIC GRAVITY:	2.6 (H_2O=1)
VAPOR DENSITY:	Not applicable (Air = 1)
VAPOR PRESSURE:	Not applicable

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID:	Heat, moisture and contamination.
STABILITY:	Stable (becomes unstable in presence of heat, moisture and/or contamination).
POLYMERIZATION:	Will not occur
INCOMPATIBLE MATERIALS:	Acids, alkalis, halides (fluorides, chlorides, bromides and iodides), combustible materials, most metals and heavy metals, oxidizable materials, other oxidizers, reducing agents, cleaners, and organic or carbon containing compounds. Contact

with incompatible materials can result in a material decomposition or other uncontrolled reactions.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxygen that supports combustion and oxides of sulfur.

COMMENTS: PRECAUTIONARY STATEMENT: Pumping and transport of Klozür persulfate requires appropriate precautions and design considerations for pressure and thermal relief.

Decomposing persulfates will evolve large volumes of gas and/or vapor, can accelerate exponentially with heat generation, and create significant and hazardous pressures if contained and not properly controlled or mitigated.

Use with alcohols in the presence of water has been demonstrated to generate conditions that require rigorous adherence to process safety methods and standards to prevent escalation to an uncontrolled reaction.

---

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Non-irritating (rabbit) [FMC Study Number: ICG/T-79.029]

SKIN EFFECTS: Non-irritating (rabbit) [FMC Study Number: ICG/T-79.029]

DERMAL LD_{50}: > 10 g/kg [FMC Study Number: ICG/T-79.029]

ORAL LD_{50}: 895 mg/kg (rat) [FMC Study Number: ICG/T-79.029]

INHALATION LC_{50}: 5.1 mg/l (rat) [FMC I95-2017]

SENSITIZATION: May be sensitizing to allergic persons. [FMC Study Number: ICG/T-79.029]

TARGET ORGANS: Eyes, skin, respiratory passages

ACUTE EFFECTS FROM OVEREXPOSURE: Dust may be harmful and irritating. May be harmful if swallowed.

CHRONIC EFFECTS FROM OVEREXPOSURE: Sensitive persons may develop dermatitis and asthma [Respiration 38:144, 1979]. Groups of male and female rats were fed 0, 300 or 3000 ppm sodium persulfate in the diet for 13 weeks, followed by 5000 ppm for 5 weeks. Microscopic examination of tissues revealed some injury to the gastrointestinal tract at the high dose (3000 ppm) only. This effect is not unexpected for an oxidizer at high concentrations. [Ref. FMC I90-1151, Toxicologist 1:149, 1981].

CARCINOGENICITY:

NTP:	Not listed
IARC:	Not listed
OSHA:	Not listed
OTHER:	ACGIH: Not listed

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

Bluegill sunfish, 96-hour LC_{50} = 771 mg/L [FMC Study I92-1250]
Rainbow trout, 96-hour LC_{50} = 163 mg/L [FMC Study I92-1251]
Daphnia, 48-hour LC_{50} = 133 mg/L [FMC Study I92-1252]
Grass shrimp, 96-hour LC_{50} = 519 mg/L [FMC Study I92-1253]

CHEMICAL FATE INFORMATION: Biodegradability does not apply to inorganic substances.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose as a hazardous waste in accordance with local, state and federal regulatory agencies.

14. TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT)

PROPER SHIPPING NAME:	Sodium Persulfate
PRIMARY HAZARD CLASS / DIVISION:	5.1 (Oxidizer)
UN/NA NUMBER:	UN 1505
PACKING GROUP:	III
LABEL(S):	5.1 (Oxidizer)
PLACARD(S):	5.1 (Oxidizer)
MARKING(S):	Sodium Persulfate, UN 1505
ADDITIONAL INFORMATION:	Hazardous Substance/RQ: Not applicable

49 STCC Number: 4918733

This material is shipped in 225 lb. fiber drums, 55 lb. poly bags and 1000 - 2200 lb. IBC's (supersacks).

INTERNATIONAL MARITIME DANGEROUS GOODS (IMDG)

PROPER SHIPPING NAME: Sodium Persulfate

INTERNATIONAL CIVIL AVIATION ORGANIZATION (ICAO) / INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA)

PROPER SHIPPING NAME: Sodium Persulfate

OTHER INFORMATION:

Protect from physical damage. Do not store near acids, moisture or heat.

---

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355, APPENDIX A):
Not applicable

SECTION 311 HAZARD CATEGORIES (40 CFR 370):
Fire Hazard, Immediate (Acute) Health Hazard

SECTION 312 THRESHOLD PLANNING QUANTITY (40 CFR 370):
The Threshold Planning Quantity (TPQ) for this product, if treated as a mixture, is 10,000 lbs; however, this product contains the following ingredients with a TPQ of less than 10,000 lbs.:
None

SECTION 313 REPORTABLE INGREDIENTS (40 CFR 372):
Not listed

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT)

CERCLA DESIGNATION & REPORTABLE QUANTITIES (RQ) (40 CFR 302.4):
Unlisted, RQ = 100 lbs., Ignitability

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA INVENTORY STATUS (40 CFR 710):

Listed

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA)
RCRA IDENTIFICATION OF HAZARDOUS WASTE (40 CFR 261):
Waste Number: D001

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):

Product Identification Number: 1505
Hazard Classification / Division: Class C (Oxidizer), Class D, Div. 2, Subdiv. B. (Toxic)
Ingredient Disclosure List: Listed

INTERNATIONAL LISTINGS

Sodium persulfate:
Australia (AICS): Listed
China: Listed
Japan (ENCS): (1)-1131
Korea: KE-12369
Philippines (PICCS): Listed

HAZARD, RISK AND SAFETY PHRASE DESCRIPTIONS:

EC Symbols: (Not classified as hazardous)

EC Risk Phrases: (Not classified as hazardous)

EC Safety Phrases: (Not classified as hazardous)

16. OTHER INFORMATION

HMIS

Health	1
Flammability	0
Physical Hazard	1
Personal Protection (PPE)	J

Protection = J (Safety goggles, gloves, apron & combination dust & vapor respirator)

HMIS = Hazardous Materials Identification System

Degree of Hazard Code:
4 = Severe

3 = Serious
2 = Moderate
1 = Slight
0 = Minimal

NFPA

Health	1
Flammability	0
Reactivity	1
Special	OX

SPECIAL = OX (Oxidizer)

NFPA = National Fire Protection Association

Degree of Hazard Code:
4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

REVISION SUMMARY:
New MSDS

Klozür and FMC Logo - FMC Trademarks

FMC Corporation believes that the information and recommendations contained herein (including data and statements) are accurate as of the date hereof. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY, OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable where such product is used in combination with any other materials or in any process. It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Further, since the conditions and methods of use are beyond the control of FMC Corporation, FMC Corporation expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information.

MATERIAL SAFETY DATA SHEET

Dissolvine® E-FE-13

MSDS Ref. No.: 15708-41-5
Date Approved: 01/17/2006
Revision No.: 1

This document has been prepared to meet the requirements of the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200; the Canada's Workplace Hazardous Materials Information System (WHMIS) and, the EC Directive, 2001/58/EC.

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	Dissolvine® E-FE-13
MOLECULAR FORMULA:	$C_{10}H_{12}FeN_2O_8Na \cdot 3H_2O$
SYNONYMS:	Ferric sodium EDTA; CHEMICAL NAME: Ethylenediaminetetraacetic acid, ferric sodium complex
GENERAL USE:	Chelating agent / Plant nutrient

NOTE: This product is not defined and regulated as a hazardous substance. Handle in accordance with good industrial hygiene practices.

MANUFACTURER

Akzo Nobel Functional Chemicals LLC
525 West Van Buren Street
Chicago, IL 60607-3823

Product & Technical Information:
(800) 906-7979 (U.S.A.)
(312) 544-7000 (outside of U.S.A.)

EMERGENCY TELEPHONE NUMBERS

(914) 693-6946 (Akzo Nobel - U.S.A.)

For leak, fire, spill, or accident emergencies, call:
(800) 424-9300 (CHEMTREC - U.S.A.)
(703) 527-3887 (CHEMTREC - All Other Countries)
(613) 996-6666 (CANUTEC - Canada)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

- Yellow-green odorless powder.
- CAUTION: Contact with dust may cause discomfort and/or mild irritation.

POTENTIAL HEALTH EFFECTS: Effects from overexposure may occur from inhaling, or coming into contact with skin or eyes. Acute exposure to excessive concentrations of dust may cause respiratory tract discomfort and/or mild irritation. Eye contact with dust may cause mild physical irritation.

MEDICAL CONDITIONS AGGRAVATED: No data available.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Wt.%	EC No.	EC Class
EDTA, ferric sodium complex	15708-41-5	87 - 89	239-802-2	Not classified
Water	7732-18-5	11 - 13	231-791-2	Not classified

4. FIRST AID MEASURES

EYES: Flush with large quantities of water for at least 15 minutes, lifting the upper and lower eyelids intermittently. If wearing contact lenses, remove after the first five minutes and continue flushing with water. If irritation occurs and persists, get medical attention.

SKIN: Immediately flush with plenty of water while removing contaminated clothing and/or shoes, and thoroughly wash with soap and water. If irritation occurs and persists, obtain medical attention.

INGESTION: Give several glasses of water if able to swallow. DO NOT induce vomiting. If vomiting occurs, keep head below hips to reduce the risk of aspiration. Never give anything by mouth to an unconscious or convulsing person. Get medical attention if health effects occur.

INHALATION: Remove to fresh air. If breathing difficulty or discomfort occurs and persists, see a medical doctor. If breathing has stopped, give artificial respiration and see a medical doctor immediately.

NOTES TO MEDICAL DOCTOR: This product has a low order of toxicity and is considered to be practially harmless by ingestion. Treatment is symptomatic and supportive.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Foam, CO_2 or dry chemical. Soft stream water fog only if necessary. Contain all runoff.

FIRE / EXPLOSION HAZARDS: This product is not defined as flammable or combustible. When involved in a fire, it does not contribute any unusual hazards.

FIRE FIGHTING PROCEDURES: As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Evacuate all non-essential personnel from the fire area. Fire-fighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.

FLAMMABLE LIMITS: Upper / Lower (% by volume): Not determined

SENSITIVITY TO IMPACT: It is not self-reactive and is not sensitive to impact under typical conditions of use, storage or transport.

COMMENTS: CONDITIONS OF FLAMMABILITY: Not flammable or combustible.

---

6. ACCIDENTAL RELEASE MEASURES

RELEASE NOTES: Keep material out of streams and sewers. Large spills should be covered to prevent dispersal. For dry material, use a wet sweeping compound or water to prevent the formation of dust. If water is used, prevent runoff or dispersion of excess liquid by diking and absorbing with a non-combustible absorbent such as clay, sand or soil. Vacuum, shovel or pump waste into a drum and label contents for disposal.

Restrict non-essential personnel from area. All personnel involved in spill cleanup should follow good industrial hygiene practices and avoid skin and eye contact by wearing appropriate personal protective equipment, as indicated in Section 8 (Exposure Controls / Personal Protection) below.

---

7. HANDLING AND STORAGE

HANDLING: Containers should not be opened until ready for use. Avoid inhalation and prolonged and/or repeated skin and eye contact. Minimize generation of dust.

STORAGE: Store in a cool, dry place at an ambient temperature (below 25ºC / 77ºF). This material is suitable for any general chemical storage area; however, store in PVC, PE, stainless steel or bituminized tanks. Isolate from strong oxidizing agents and avoid contact with aluminum, copper, copper allows and nickel.

---

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Under normal use conditions, special ventilation is usually not required; however, ensure that existing ventilation is sufficient to prevent the circulation and/or accumulation of dust in the air.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear dust-tight goggles when handling this product.

RESPIRATORY: For dust exposures, wear a NIOSH-approved half-mask, air-purifying respirator with dust, mist and fume filters to reduce the potential for inhalation exposure. When using respirator cartridges or canisters, they must be changed frequently (following each use or at the end of the work shift) to assure breakthrough exposure does not occur.

PROTECTIVE CLOTHING: Wear suitable protective clothing and footwear in accordance with use and exposure potential.

GLOVES: Wear gloves that are in accordance with use and exposure potential. Wash the outside of gloves with soap and water prior to removal. Inspect regularly for leaks.

WORK HYGIENIC PRACTICES: Clean water should be available for washing in case of eye or skin contamination. All food and smoking materials should be kept in a separate area away from the storage / use location. Eating, drinking and smoking should be prohibited in areas where there is a potential for significant exposure to this material. Wash skin prior to eating, drinking or using tobacco. Shower at the end of the workday.

COMMENTS:

EXPOSURE LIMITS:

Particulates Not Otherwise Classified (PNOC):
ACGIH / TWA: 10 mg/m^3 (inhalable particulate); 3 mg/m^3 (respirable particulate)
OSHA (PEL / TWA): 15 mg/m³ (total dust); 5 mg/m³ (resp fraction)

---

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR:	Odorless
APPEARANCE:	Yellow-green powder
AUTOIGNITION TEMPERATURE:	Not applicable
BOILING POINT:	Not applicable
COEFFICIENT OF OIL / WATER:	Not determined.
DENSITY / WEIGHT PER VOLUME:	(Bulk) ~ 650 kg/m³
EVAPORATION RATE:	(Butyl Acetate = 1) Not determined
FLASH POINT:	Not applicable
MELTING POINT:	80ºC (176ºF) / crystal water loss
ODOR THRESHOLD:	Not determined.
PERCENT VOLATILE:	(% by weight) Not determined

pH:	~ 4.0 - 5.5 (1% solution)
SOLUBILITY IN WATER:	90 g/L (at 20ºC / 68ºF); 300 g/L (at 80ºC / 176ºF)
SPECIFIC GRAVITY:	(H_2O=1) Not determined
VAPOR DENSITY:	(Air = 1) Not determined
VAPOR PRESSURE:	Not applicable
VISCOSITY:	Not determined.

10. STABILITY AND REACTIVITY

STABILITY:	Stable at ambient temperatures and atmospheric pressures.
POLYMERIZATION:	Not expected under normal temperatures and pressure.
INCOMPATIBLE MATERIALS:	Aqueous solution in contact with aluminum evolves hydrogen. This product is incompatible with strong oxidizers. Avoid contact with aluminum, copper, copper alloys and nickel. Avoid prolonged storage at elevated temperatures.
HAZARDOUS DECOMPOSITION PRODUCTS:	Under fire conditions this product may support combustion and decomposes to give off carbon mon/dioxide fumes (CO, CO2) and nitrogen oxides. Decomposition Temperature: 180 ± 20ºC (356 ± 36ºF)

COMMENTS: HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition products may release toxic and/or hazardous fumes and gases, including nitrogen oxides and carbon oxides.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Expected to be minimally irritating.

SKIN EFFECTS: Expected to be slightly irritating.

DERMAL LD_{50}: No data available.

ORAL LD_{50}: Similar product: > 2,000 mg/kg (rat)

INHALATION LC_{50}: No data available.

SENSITIZATION: No data available.

TARGET ORGANS: Eyes, skin

ACUTE EFFECTS FROM OVEREXPOSURE: This product has a low order of toxicity and is considered to be practially harmless by ingestion. Ferric sodium EDTA has shown slight transient conjunctivitis and corneal opacity in rabbits. No additional acute toxicological information is known.

CHRONIC EFFECTS FROM OVEREXPOSURE: Ingestion of up to 86.15 mg/kg/day of ferric sodium EDTA for 31 to 61 days by rats resulted in an accumulation of iron in the liver, spleen and kidneys. There were no abnormal necropsy or histopathology findings.

Ferric sodium EDTA, when tested as a pure substance, gave a negative response in the Ames Assay and the E. Coli bacterial reverse assay, but a positive response in the Mouse Lymphoma Assay (in vitro) with and without metabolic activation at concentrations which were cytotoxic The positive response was attributed to a possible sensitivity of the cells to abnormal iron concentrations.

EDTA and its sodium salts have been reported, in some studies, to cause developmental toxicity in laboratory animals only at exaggerated doses that were toxic to the mother. These effects are likely associated with zinc deficiency due to chelation. Exposures having no effect on the zinc level of the mother, should have no effect on the fetus.

CARCINOGENICITY:

NTP:	Not listed
IARC:	Not listed
OSHA:	Not listed
OTHER:	Not Listed (ACGIH)

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Ferric sodium EDTA was biodegradable when evaluated using a mixed population of aerated bacteria. Ferric sodium EDTA component is not likely to bioaccumulate due to its high water solubility and a Log Pow equal to -10.6 (based on EPIWIN model).

ECOTOXICOLOGICAL INFORMATION: Ferric sodium EDTA showed low toxicity to fish (96-hour LC_{50} = 8100 mg/L for a 32% solution and 2592 mg/L for a 100% active), and moderate toxicity to algae (72-hour LC_{50} = 76.7 mg/L).

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: In its unused condition, this product is not considered to be a RCRA-defined hazardous waste by characteristics or listings. It is the responsibility of the waste generator to evaulate whether the waste is hazardous by characteistic or listing. Dispose as a hazardous waste in

accordance with local, state and federal regulatory agencies. NOTE: State and local regulations may be more stringent than federal regulations.

EMPTY CONTAINER: Containers which held this material should be triple-rinsed prior to disposal or return. Empty containers should be disposed of, or shipped, in accordance with all applicable laws and regulations.

14. TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT)

ADDITIONAL INFORMATION: This material is not a hazardous material as defined by US Department of Transportation at 49 CFR Parts 100 through 185.

INTERNATIONAL MARITIME DANGEROUS GOODS (IMDG)

ADDITIONAL INFORMATION: This material is not a dangerous good as defined by the International Maritime Dangerous Goods Code.

ADR - EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD

ADDITIONAL INFORMATION: This material is not a dangerous good as defined by ADR.

INTERNATIONAL CIVIL AVIATION ORGANIZATION (ICAO) / INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA)

ADDITIONAL INFORMATION: This material is not a dangerous good as defined in ICAO and the International Air Transport Association Dangerous Goods Regulations.

OTHER INFORMATION:

REQUIRED LABELS: No transport label required.

ENVIRONMENTALLY HAZARDOUS SUBSTANCES (49 CFR 172.101, Appendix A): None

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355, APPENDIX A):
Not regulated

SECTION 312 THRESHOLD PLANNING QUANTITY (40 CFR 370):
The Threshold Planning Quantity (TPQ) for this product, if treated as a mixture, is 10,000 lbs; however, this product contains the following ingredients with a TPQ of less than 10,000 lbs.:
Not regulated

SECTION 313 REPORTABLE INGREDIENTS (40 CFR 372):
Not regulated

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT)

CERCLA DESIGNATION & REPORTABLE QUANTITIES (RQ) (40 CFR 302.4):
Not regulated

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA INVENTORY STATUS (40 CFR 710):
Listed (components)

U.S. STATES

California Prop 65:
Not regulated
U.S. State Regulation:
Not regulated

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):

Not a controlled product under the Canadian Workplace Hazardous Materials Information System (WHMIS).

Domestic Substance List: Listed (components)

INTERNATIONAL LISTINGS

EDTA, ferric sodium
Australia (AICS): Listed
China: Listed

Japan (ENCS): (2)-1266
Korea: KE-31512
Philippines (PICCS): Listed

Water
Australia (AICS): Listed
China: Listed
Korea: KE-35400
Philippines (PICCS): Listed

16. OTHER INFORMATION

HMIS

Health	1
Flammability	1
Physical Hazard	0
Personal Protection (PPE)	None

No special requirements

HMIS = Hazardous Materials Identification System

Degree of Hazard Code:
4 = Severe
3 = Serious
2 = Moderate
1 = Slight
0 = Minimal

NFPA

Health	1
Flammability	0
Reactivity	0
Special	None

No special requirements

NFPA = National Fire Protection Association

Degree of Hazard Code:
4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

REVISION SUMMARY:
New MSDS.

FMC Logo - FMC Corporation Trademark
Dissolvine - Akzo Nobel Chemicals, Inc. Trademark

FMC Corporation believes that the information and recommendations contained herein (including data and statements) are accurate as of the date hereof. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY, OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable where such product is used in combination with any other materials or in any process. It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Further, since the conditions and methods of use are beyond the control of FMC Corporation, FMC Corporation expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information.

APPENDIX - W

Environmental Easement

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

THIS INDENTURE made this _____day of December, 2008, between Owners 3035 White Plains Housing Development Fund Corp. as nominee for 3035 White Plains Retail, LLC, and 3035 White Plains Housing Development Fund Corp. as nominee for Adee & Lester Limited Partnership, having an office c/o The Arker Companies located at 15 Verbena Avenue, Suite 100, Floral Park, New York 11001 (the "Grantor"), and The People of the State of New York (the "Grantee."), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner" or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and of ensuring the potential restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and;

WHEREAS, Grantor is the owner of real property located at the address of 3035 White Plains Road, in the City of New York, Bronx County, New York known and designated on the tax map of the Borough of the Bronx as tax map parcel numbers Block 4545, Lots 1001 and 1002 , being the same as to Lot 1001 as that property conveyed to Grantor 3035 White Plains Housing Development Fund Corp. as nominee for 3035 White Plains Retail LLC by deed on July 31, 2007, and recorded in the Land Records of the City Register for Bronx County on October 24, 2007 at computerized system tracking/ identification number 2007000536870 and that declaration of interest and nominee agreement by and between 3035 White Plains Housing

Development Fund Corp., and 3035 White Plains Retail LLC dated as of July 31, 2007 and recorded in the office of the City Register for Bronx County at computerized system tracking/ identification number 2007000536878; and being the same as to Lot 1002 as that property conveyed to Grantor 3035 White Plains Housing Development Fund Corp. as nominee for Adee and Lester Limited Partnership by deed on July 31, 2007, and recorded in the Land Records of the City Register for Bronx County on August 15, 2007 at computerized system tracking/ identification number 2007000422860 and that declaration of interest and nominee agreement by and between 3035 White Plains Housing Development Fund Corp., and Adee and Lester Limited Partnership dated as of July 31, 2007 and recorded in the office of the City Register for Bronx County at computerized system tracking/ identification number 2007000536871, comprised of approximately 0.39 acres, and hereinafter more fully described in Schedule A (Description of Property) and Schedule B (Map of Property) attached hereto and made a part hereof (the " Controlled Property"); and,

WHEREAS, the Commissioner does hereby acknowledge that the Department accepts this Environmental Easement in order to ensure the protection of human health and the environment and to achieve the requirements for remediation established at this Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36;and

NOW THEREFORE, in consideration of the covenants and mutual promises contained herein and the terms and conditions of Brownfield Cleanup Agreement Number W2-1108-07-07, Grantor grants, conveys and releases to Grantee a permanent Environmental Easement pursuant to Article 71, Title 36 of the ECL in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the potential restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The following controls apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees, and any person using the Controlled Property:

A. The Controlled Property may be used for unrestricted use so long as the following short-term engineering controls are employed:

(i) The use of the groundwater underlying the Controlled Property is prohibited without

treatment rendering it safe for the intended use and approval by the NYS Department of Health;

(ii) Compliance with all elements of the NYSDEC-approved Site Management Plan, dated November 2008 ("SMP").

The Grantor hereby acknowledges receipt of a copy of the NYSDEC-approved SMP. The SMP describes obligations that Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system on the Controlled Property, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for all uses. Upon notice of not less than thirty (30) days the Department in exercise of its discretion and consistent with applicable law may revise the SMP. This notice shall be a final agency determination. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Regional Remediation Engineer
Region 2
NYS DEC
One Hunter's Plaza
47-40 21st Street
Long Island City, NY 11101

or

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233

B. The above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an environmental easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

D. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

E. Grantor covenants and agrees that it shall annually, or such time as NYSDEC may allow, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable

certifying under penalty of perjury that the controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls employed at the Controlled Property were approved by the NYSDEC, and that nothing has occurred that would impair the ability of such control to protect the public health and environment or constitute a violation or failure to comply with any Site Management Plan for such controls and giving access to such Controlled Property to evaluate continued maintenance of such controls.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Controlled Property, including:

1. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

2. The right to give, sell, assign, or otherwise transfer the underlying fee interest to the Controlled Property by operation of law, by deed, or by indenture, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person intentionally violates this Environmental Easement, the Grantee may revoke the Certificate of Completion provided under ECL Article 27, Title 14, or Article 56, Title 5 with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice

in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach. Grantor shall then have a reasonable amount of time from receipt of such notice to cure. At the expiration of said second period, Grantee may commence any proceedings and take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement in accordance with applicable law to require compliance with the terms of this Environmental Easement.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar its enforcement rights in the event of a subsequent breach of or noncompliance with any of the terms of this Environmental Easement.

6. Notice. Whenever notice to the State (other than the annual certification) or approval from the State is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:
County, NYSDEC Site Number, NYSDEC Contract or Order Number, and the
County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to: Environmental Easement Attorney
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

Such correspondence shall be delivered by hand, or by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. This Environmental Easement may be amended only by an amendment executed by the Commissioner of the New York State Department of Environmental Conservation and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

Grantor's Name:
3035 White Plains Housing Development Fund Corp. as Nominee for 3035 White Plains Retail, LLC

By: 3035 White Plains Retail, LLC, a New York limited liability company, as Attorney-in-Fact

By: _____

Title: a member Date: 12-19-08

Grantor's Name:
3035 White Plains Housing Development Fund Corp. as Nominee for Adee and Lester Limited Partnership

By: Adee and Lester Limited Partnership, a New York limited partnership, as Attorney-in-Fact

By: Adee and Lester GP LLC, a New York limited liability company, its General Partner

By: Bedford Park Associates, LLC, a New York limited liability company, its Member

By: _____

Title: a member Date: 12-19-08

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting By and Through the Department of Environmental Conservation

by: _____
Alexander B. Grannis, Commissioner

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF Nassau)

On the 19th day of December in the year 20 08 before me, the undersigned, personally appeared Sol Arker personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Carol Giuliani
Notary Public - State of New York

CAROL GIULIANI
Notary Public, State of New York
No. 24-4903300
Qualified in Nassau County
Commission Expires July 31, 20 10

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF Nassau)

On the 19th day of December, in the year 20 08, before me, the undersigned, personally appeared Sol Arker personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Carol Giuliani
Notary Public - State of New York

CAROL GIULIANI
Notary Public, State of New York
No. 24-4903300
Qualified in Nassau County
Commission Expires July 31, 20 10

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the _____ day of _____, in the year 20__, before me, the undersigned, personally appeared ALEXANDER B. GRANNIS, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity as Commissioner of the State of New York Department of Environmental Conservation, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

SCHEDULE A

SCHEDULE B

MAP OF CONTROLLED PROPERTY