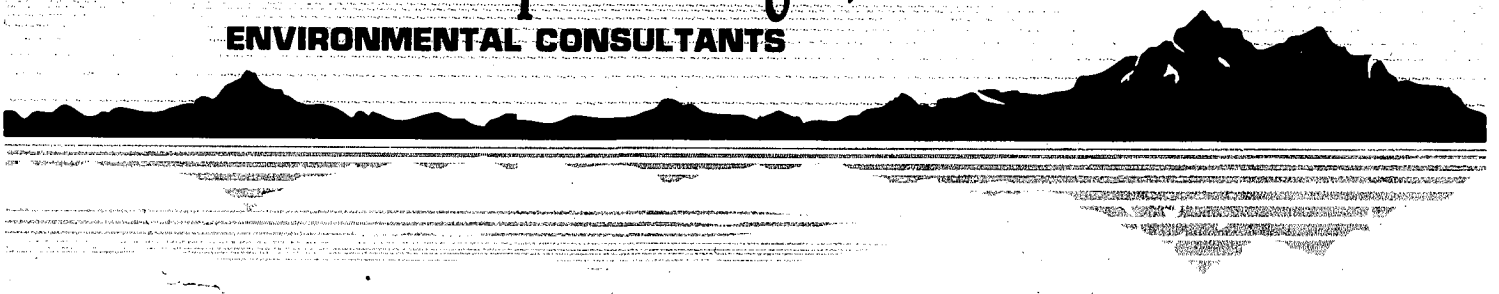
Advanced Cleanup Technologies, Inc.

ENVIRONMENTAL CONSULTANTS



115 Rome Street • Farmingdale, New York 11735 • Tel: 631/293-4992 • Fax: 631/293-4986
1000 7th North Street, Suite B-30 • Liverpool, New York 13088 • Tel: 315/451-9720 • Fax: 315/451-9727
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PHASE I ENVIRONMENTAL SITE ASSESSMENT

248 Flatbush Avenue
Brooklyn, New York 11217

December 1, 2005

ACT File #: 4071-BKNY

Prepared for:

Mr. David Aronowicz
Cinderella Cleaners & Tailors
248 Flatbush Avenue
Brooklyn, New York 11217

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E-mail: advancedcleanuptech.com

CERTIFICATION

Property Location: 248 Flatbush Avenue
Brooklyn, New York 11217

Advanced Cleanup Technologies, Inc. performed a Phase I Environmental Site Assessment on the above-referenced property. The Assessment included a property inspection, research into the historical uses of the property and surrounding land, a review of regulatory agency files pertaining to the property and an interview with the landlord regarding past and present conditions at the property.

The Phase I Assessment was performed to meet the minimum requirements established by ASTM's Standard Practice for Environmental Site Assessments (E 1527-00). The Assessment has also considered other environmental issues such as asbestos, radon and lead which are not covered by the ASTM standard.

The results of the assessment are contained in this report. Based upon this assessment, Advanced Cleanup Technologies, Inc. makes the following conclusions and representations concerning the scope of the assessment and the environmental quality of the property. The Phase I Environmental Site Assessment has revealed the following Recognized Environmental Condition at the subject property

- Suspect asbestos-containing materials located at the subject property (Section 3.2).

We hereby certify that we have no interest, present or contemplated, in the properties inspected and that neither the employment to make the inspection nor the compensation is contingent on the value of the properties. The analyses, opinions and conclusions contained in this report are limited only by any reported assumptions or limiting conditions described herein, and are our personal unbiased professional opinions and conclusions.

We further certify that this inspection was performed in conformity with the ASTM Standard and the scope outlined in this report. This inspection report accurately reflects current federal, state and local guidelines.

Dated: December 1, 2005

x William K. Sisco /p
By: William K. Sisco
Senior Project Manager

x Paul Stewart /p
By: Paul Stewart
President

TABLE OF CONTENTS

TABLE OF CONTENTS (cont.)

FIGURES

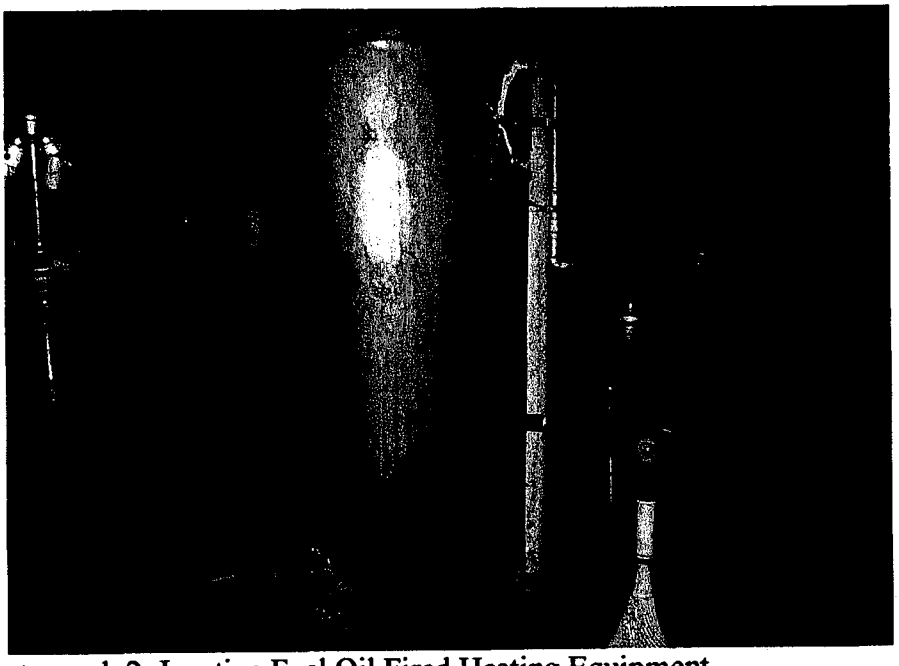
APPENDICES

From USGS 7.5 Minute Topographic Map Of
Brooklyn, New York Quadrangle

N

Figure 1	
Locational Diagram	
Job No. 4071-BKNY	Date: 11/29/05
Dwg. No. 4071-01	Scale: 1"=2,000'
Drawn By: Steven Walls	Appr. By: William Sisco
Advanced Cleanup Technologies	

Photograph 1: 248 Flatbush Avenue, Brooklyn, New York



Photograph 2: Inactive Fuel Oil Fired Heating Equipment

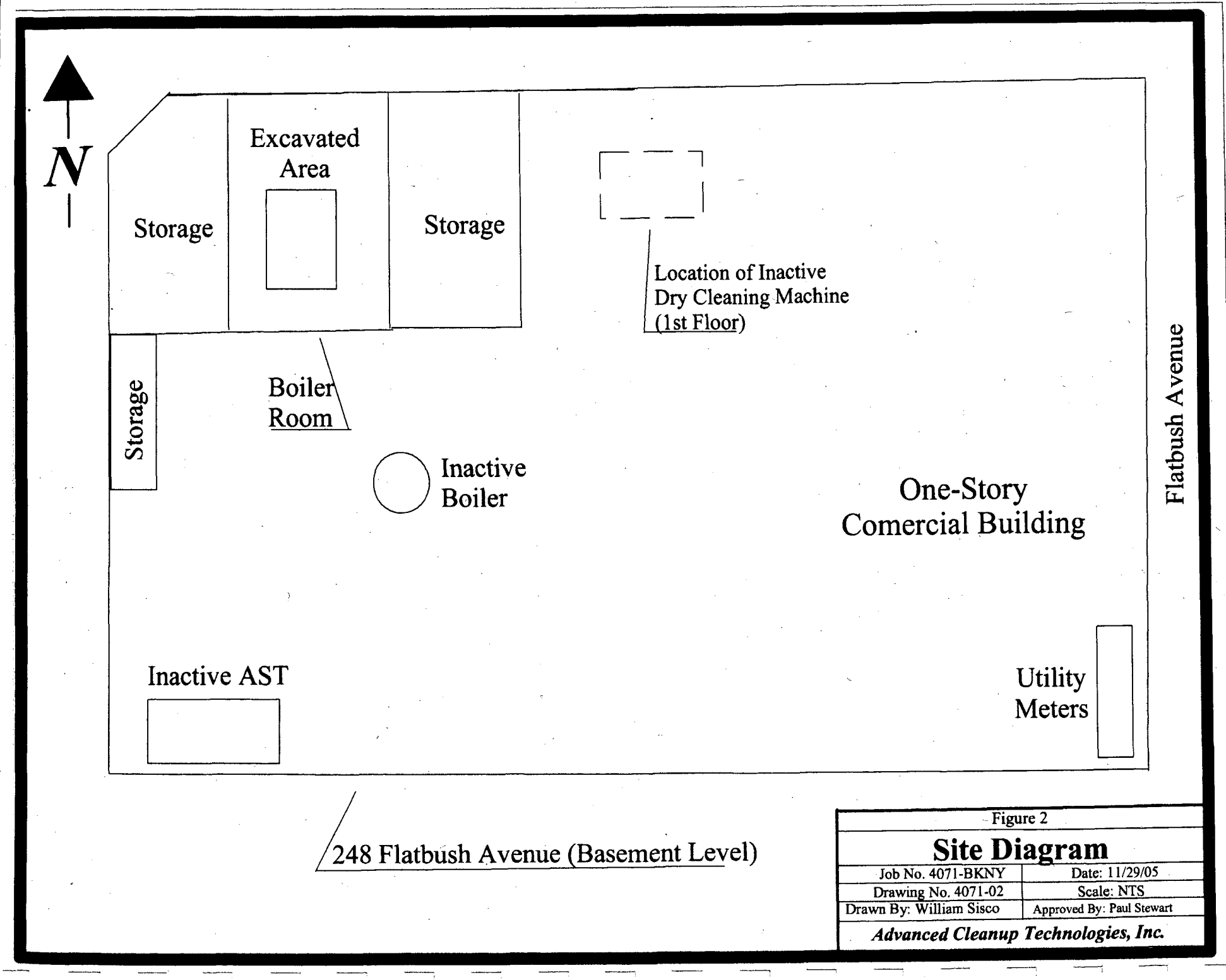


Figure 2

Site Diagram

Job No. 4071-BKNY	Date: 11/29/05
Drawing No. 4071-02	Scale: NTS
Drawn By: William Sisco	Approved By: Paul Stewart

Advanced Cleanup Technologies, Inc.

1.0 INTRODUCTION AND SCOPE OF ASSESSMENT

Advanced Cleanup Technologies, Inc. (ACT) was retained to perform a Phase I Environmental Site Assessment of the property located at 248 Flatbush Avenue, Brooklyn, New York 11217. The Assessment was performed to meet or surpass the industry standard established by ASTM's Standard Practice for Environmental Site Assessments (E 1527-00). The purpose of the Assessment was to identify any Recognized Environmental Conditions at the property. As defined by the ASTM, a Recognized Environmental Condition is the presence of any hazardous substances or petroleum products on real estate under conditions that indicate an existing release, a past release, or a material threat of a release.[1]

The Assessment consisted of a visual inspection of the premises, interviews with property representatives regarding past and present conditions at the property, research into historical uses of the property and surrounding land and a review of regulatory agency files pertaining to the property. The Assessment also included an overview of the site's hydrogeologic setting and an evaluation of environmental risks associated with asbestos, radon and lead.

A site inspection was performed by Caroline Cadalso of ACT on November 9, 2005. The owner of the property, Mr. David Aronowicz, provided access and information regarding the subject property. Mr. Aronowicz has owned the property for approximately 29 years. The inspection consisted of the following activities:

- A visual examination of the interior and exterior of the premises;
- An evaluation of land usage in the area surrounding the site;
- Photography of the site.

All relevant New York City agencies were contacted for information pertaining to this property, including:

- Department of Buildings;
- Department of Health;
- Department of Environmental Protection;
- Bureau of Fire Prevention.

Databases of environmental information maintained by Federal and State agencies were also searched for known sources of environmental contamination at the site and its vicinity.

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1 American Society for Testing and Materials Practice E 1527-00, Sec. 3.3.28.

2.0 PROPERTY DESCRIPTION

2.1 Site Vicinity

The subject property, 248 Flatbush Avenue, is located in a residential and commercial area in the northern portion of the borough of Brooklyn in New York City. A Locational Diagram showing the site and its immediate vicinity is provided as Figure 1. The property is located along the west side of Flatbush Avenue.

Residential apartment buildings and residential apartment buildings with commercial units on the ground floor are located to the north east and west of the subject property. A one-story commercial building is located to the south of the subject property.

The topography of the area is generally level. The vicinity of the subject property is approximately 71 feet above mean sea level[2]. The ground surface in the vicinity of the subject property is covered with asphalt and concrete pavement. The subsurface beneath the subject property consists of unconsolidated sand and gravel layers from the ground surface to bedrock at approximately 400 feet below ground surface (bgs)[3]. The major aquifer system located beneath the site is the Upper Glacial aquifer of the Pleistocene series. The aquifer is separated from the bedrock by the Raritan confining unit. Regional groundwater flow in the vicinity of the site is estimated to be toward the northwest.

2.2 Site Construction Details

The subject property consists of a one-story commercial building which contains one commercial unit, Cinderella Cleaners (Photograph 1). The building contains a full basement. The footprint of the building is approximately 2,310 square feet in area and encompasses the entire property. Site Diagram is provided as Figure 2.

The electrical and water services enter the building along the eastern property boundary. The utility meters are located in the basement of the building. No natural gas service is provided to the property. The property is connected to the New York City municipal sewer system.

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2 USGS 7.5 Minute Series Topographic Map, Brooklyn, New York Quadrangle

3 From Hydrogeologic Framework Of Long Island, New York by Smolensky, D.A., Buxton, H.T., and Shernoff, P.K., 1989.

The building was formerly provided heat via fuel oil fired heating equipment located in the boiler room of the basement (Photograph 2). The heating equipment has been disconnected and removed from the boiler room. According to Mr. Aronowicz, the heating equipment was dismantled in April of 2005. No active heating equipment was identified in the building. No stains, odors or evidence of spills was identified in the vicinity of the inactive heating equipment.

2.3 Building Interior

The building contains one commercial unit, Cinderella Cleaners, which utilizes the building for dry cleaning. The interior of the building consists of tile floors and painted plaster and wood paneled walls. Ceilings consist of suspended ceiling tiles.

The interior of the first floor contains clothes storage areas and a check out counter (Photographs 3 and 4). A fourth generation dry cleaning machine is also located on the first floor of the building (Photograph 5). According to Mr. Aronowicz, this machine was installed in 1999 and was disconnected in May of 2005. The current dry cleaning operations consist of drop off service only. No dry cleaning operations are currently performed at the property.

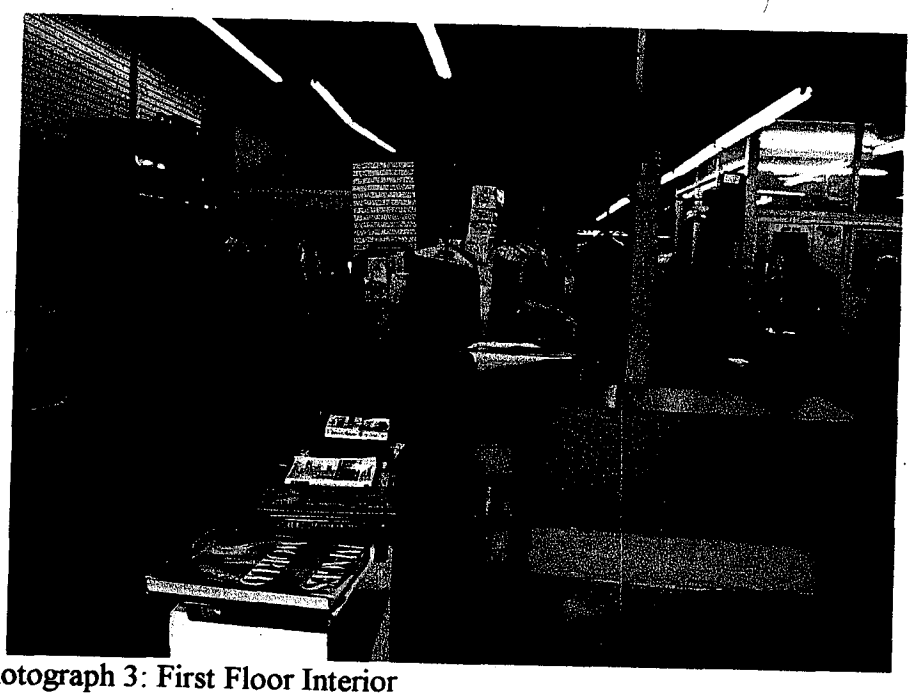
The basement contains the utility meters, inactive heating equipment and storage areas. One floor drain was identified at the bottom the stairwell which accesses the basement from the sidewalk. This drain discharges to the municipal sewer. No stains, odors or evidence of spills were identified in the vicinity of the floor drain.

An excavated area was identified in the boiler room located in the basement (Photograph 6). This excavated area will be further-discussed in Section 3.1 of this report.

A storage room in the northwest portion of the basement contained three containers which formerly stored filters from the dry cleaning machine. These containers were empty. No stains, odors or evidence of spills were identified in the vicinity of these containers or throughout this storage room. Another basement storage room housed a container of acetic acid, a container of herbicide and a container of boiler treatment chemicals. No stains, odors or evidence of spills were identified in the vicinity of these containers or throughout this storage room.

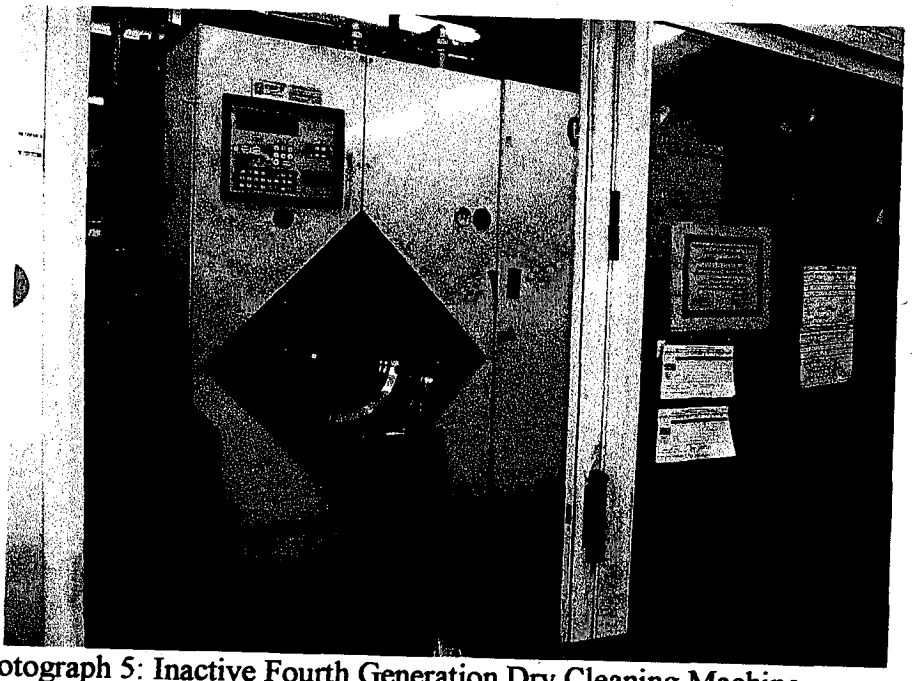
2.4 Building Exterior

The exterior of the building is constructed of concrete block and brick masonry. The building has a flat, tar roof. The main entrance to the building is located along the eastern exterior wall, facing Flatbush Avenue. A concrete sidewalk separates the building from Flatbush Avenue. No exterior storm drains were identified at the property.

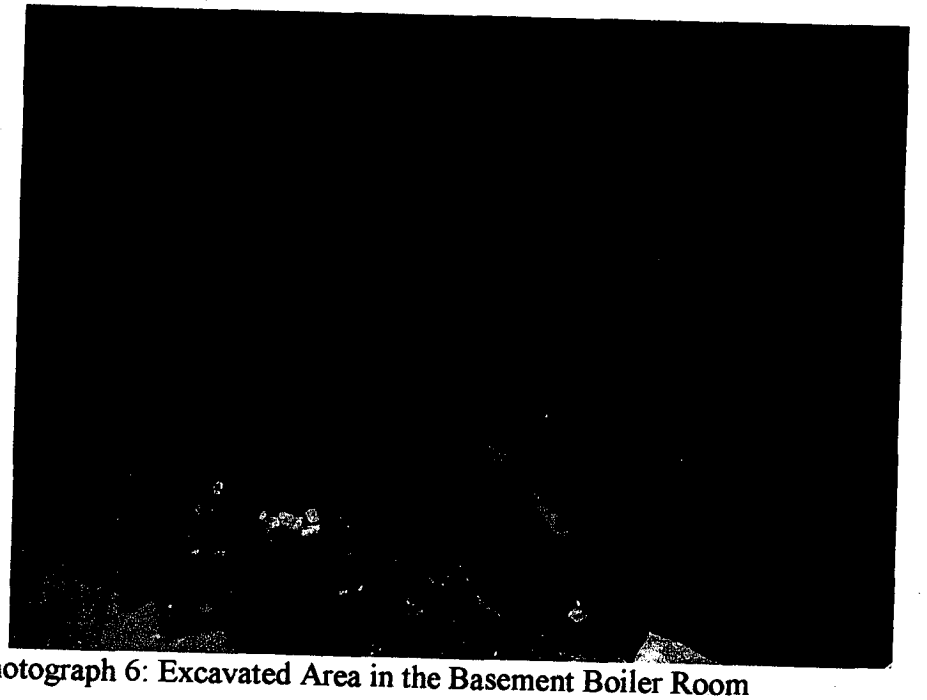


Photograph 3: First Floor Interior

Photograph 4: First Floor Interior



Photograph 5: Inactive Fourth Generation Dry Cleaning Machine



Photograph 6: Excavated Area in the Basement Boiler Room

The building disposes of its solid waste via curbside service provided by the New York City Department of Sanitation. Solid waste is stored in garbage cans along the eastern side of the building. No evidence of hazardous waste was identified in the solid waste. No stains, odors or evidence of spills was observed in the vicinity of the solid waste or throughout the exterior of the building.

3.0 FINDINGS AND RESULTS OF THE ASSESSMENT

3.1 Previous Environmental Reports

ACT conducted a Limited Phase II Environmental Site Assessment of the subject property on April 5, 2005 to determine whether a reported historical leak of cooling water from the first floor dry cleaning machine into the basement boiler room had impacted the environmental quality of the subject property. Based on the results of the Limited Phase II Environmental Site Assessment, ACT concluded that the subsurface soil beneath the boiler room had been impacted by dry cleaning solvents. The vertical limit of the impacted soil appeared to be no more than 9 feet below the basement floor. A copy of the previous environmental report is presented in Appendix A.

On July 8, 2005, ACT installed soil boring/temporary well SB-01A in the boiler room to determine whether ground water beneath the boiler room had been impacted. Ground water was encountered at 52.21 feet below the basement floor. Laboratory analysis of the soil samples from SB-01A did not show any Volatile Organic Compounds (VOCs) above the laboratory method detection limits. Analytical results for the ground water sample indicated that the VOCs Tetrachlorethene ("Perc") and c-1,2-Dichlorothene were detected slightly above regulatory standards.

Since the source area was reportedly located immediately below the former boiler, the most elevated ground water contaminant levels were expected at SB-01A. Due to the slight exceedances of regulatory standards at SB-01A, it was determined that the release was limited in extent. The risk of exposure was also determined to be low due to the dense, silty soils and considerable depth of the ground water beneath the subject property.

On September 13th, 2005, ACT supervised the excavation of contaminated soil from the boiler room by Action Remediation. Upon removal of the brick floor, a vacuum truck was utilized to remove the soil to a depth of 5 feet below the basement floor. ACT screened the soil for organic vapors continuously with a Photoionization Detector (PID). Once the excavation was completed, ACT collected five post-excavation endpoint samples from the sidewalls and bottom of the excavation.

Laboratory analytical results of the endpoint samples indicated traces levels of VOCs considerably below regulatory standards. A total of 4.4 tons of soil was removed from the subject property and transported to Clean Earth of Philadelphia, Inc. Based upon the results of the Limited Phase II Environmental Site Assessment, the Supplemental Investigation, and the Remedial Activities, ACT concluded that no further remedial action was deemed necessary. These results were presented in ACT's November 29, 2005 Closure Report. A copy of this report is presented in Appendix A.

3.2 Asbestos

A visual inspection of the property for asbestos-containing materials (ACM) such as pipe and boiler insulation, ceiling tiles and floor tiles was conducted. Approximately 5,000 square feet of suspect asbestos-containing floor tile and 2,000 square feet of suspect asbestos-containing ceiling tile were identified throughout the first floor of the building. No additional suspect asbestos-containing materials were identified at the property.

The suspect asbestos-containing floor tile and ceiling tile were identified in good condition and have a low potential for disturbance. Therefore, the suspect asbestos-containing materials have a low potential for discharge in their current state. These findings comprise only a preliminary inspection of the subject property for ACM and should not be interpreted as a formal asbestos survey. All Federal, State and local regulations should be followed with respect to asbestos-containing materials if renovations or demolition are to be performed at the property.

3.3 Hazardous Materials

A visual inspection of the property was conducted for evidence of potential hazardous material contamination. No areas of stained or discolored ground, stressed vegetation or excavated areas were observed anywhere on the property. No indication of previous environmental investigations, such as groundwater monitoring wells, was observed at the property or any adjoining properties. No pits, ponds, or lagoons indicative of hazardous waste disposal were identified at the property. No 55 gallon drums were identified at the subject property.

3.4 Storage Tanks

An abandoned aboveground storage tank is located in the southern portion of the basement (Photograph 7). The tank formerly provided fuel oil for the now inactive heating equipment. The aboveground tank was abandoned at the property by Action Remediation Inc. (Action) on October 12, 2005. The tank abandonment documents are provided in Appendix B.

Photograph 7: Abandoned Aboveground Fuel Oil Storage Tank

The tank abandonment documents include an affidavit from Action to the New York City Fire Department dated October 14, 2005. The affidavit indicates that a 1,000 gallon aboveground #2 oil storage tank was abandoned at the property. The tank was pumped, cleaned of all product and bottom sludge, made vapor free and rendered useless as per New York City rules and regulations. A waste manifest included in the documents indicates that 40 gallons of oil/water tank bottom was removed from the property.

No stains, odors or evidence of spills was identified in the vicinity of the abandoned aboveground storage tank. No floor drains were identified in the vicinity of the abandoned aboveground storage tank.

The fill pipe associated with the abandoned aboveground storage tank was identified in the sidewalk to the west of the building and is filled with cement. The former vent pipe associated with the abandoned aboveground storage tank has been removed from the property. No stains, odors or evidence of spills was identified in the vicinity of the fill pipe.

This abandoned aboveground storage tank has been abandoned in accordance with New York City rules and regulations and does not appear to be impacting the environmental quality of the subject property.

No additional aboveground storage tanks were identified at the property. No evidence of underground storage tanks was identified at the property. No evidence of former underground storage tanks, such as asphalt or concrete patches, was identified at the property.

The New York City Bureau of Fire Prevention (NYCBFP) tank and violation information has not been received at the time of this report. This information will be forwarded as soon as it has been received and evaluated.

3.5 Radon

The New York State Department of Health maintains records of average radon levels for New York State based upon county. The average level for the county of the Brooklyn is 1.9 picoCuries per Liter (pCi/L). This level is considered to be within the normal background range. The United States Environmental Protection Agency (USEPA) standard for radon is 4.0 pCi/L.[4]

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[4] New York State Department of Health Basement Radon Screening Data, March 1999.

3.6 Lead In Paint

An inspection of the property for chipped, peeling or cracking paint was performed. No areas of chipped, peeling or deteriorating paint were identified at the property. Therefore, a paint sample was not obtained.

The building at the subject property was constructed prior to 1978. Lead content in paints manufactured and distributed prior to 1978 were not Federally regulated. Therefore, paints applied to the building surfaces prior to 1978 were probably lead based. As previously-mentioned, the painted surfaces at the building were identified in good condition.

These findings comprise only a preliminary inspection for lead-based paint at the subject property and should not be interpreted as a formal lead-based paint inspection. All Federal, State and local regulations should be followed with respect to lead-based paint if renovations or demolition activities affecting painted surfaces are to be performed.

3.7 Drinking Water Quality

The subject property is supplied water by New York City. The city obtains its water supply from reservoirs located to the north and northwest of the city. The quality of this water is monitored by New York City for organics and inorganics, including lead, in accordance with Federal law. New York City must maintain lead concentrations at less than 15 micrograms per liter.[5]

3.8 Polychlorinated Biphenyls (PCB's)

No electrical transformers containing substantial amounts of PCB-contaminated oil or hydraulic fluid were observed at the property. The building does not contain any hydraulic elevators. No equipment which could contain substantial amounts of PCB-contaminated oil was identified at the property.

4.0 PRIOR USE INVESTIGATION

In order to determine the prior uses of the property, all available regulatory agency documents and Fire Insurance Map information regarding the subject property were obtained and reviewed. No historical aerial photographs were readily accessible in the time frame of this assessment. Appendix C contains copies of the regulatory agency documents.

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5 USEPA Safe Drinking Water Act, 42 USC 300, et. seq. (1982).

The New York City Department of Buildings file contains a Property Profile Overview (PPO) of the subject property. The PPO indicates the building was constructed during 1921. The PPO indicates the property address is 248, 248A and B Flatbush Avenue. The property contains 15 actions and 5 boiler and construction violations. These actions and violations should not impact the environmental quality of the subject property.

The Tax Map number for the property is Block 936, Lot 12. The building is classified as a K1-Store Building with no landmark status. The Environmental Control Board (ECB) reports 3 open construction and boiler violations for the subject property. These violations should not impact the environmental quality of the subject property.

The New York City Department of Health and the Department of Environmental Protection have not responded to our search requests at the time of this report. This information will be forwarded as soon as it has been received and evaluated.

Fire Insurance Maps for the years 1926, 1951, 1982 and 1988 were obtained and reviewed by ACT at Cornell University Library, Ithaca, New York. Appendix D contains copies of the Fire Insurance Maps.

The 1926 Map indicates the subject property as containing the current one-story commercial building. The property address is 248 A and B Flatbush Avenue. The adjacent properties to the north, east and west contain residential and commercial buildings. The property to the south contains a commercial building. The surrounding areas contain residential and commercial buildings.

The 1951, 1982 and 1988 Maps indicate the subject property, adjacent properties and surrounding areas as unchanged from the 1926 Map.

The review of the regulatory agency documents and Fire Insurance Maps indicate that the current commercial building at the property was constructed during 1921. The property has been utilized for commercial purposes since development. No evidence of hazardous material usage, storage or disposal at the subject property is present in these records.

5.0 NEIGHBORHOOD HAZARDOUS WASTE ACTIVITY REVIEW

In an effort to determine the potential impact from hazardous waste activities at the subject property and neighboring properties, a review of information on waste sites within one mile of the subject property was conducted. Figures 3 and 4 provide locations of plotted sites. Appendix E contains the results of the database searches. The review included a search of the following Federal data sources:

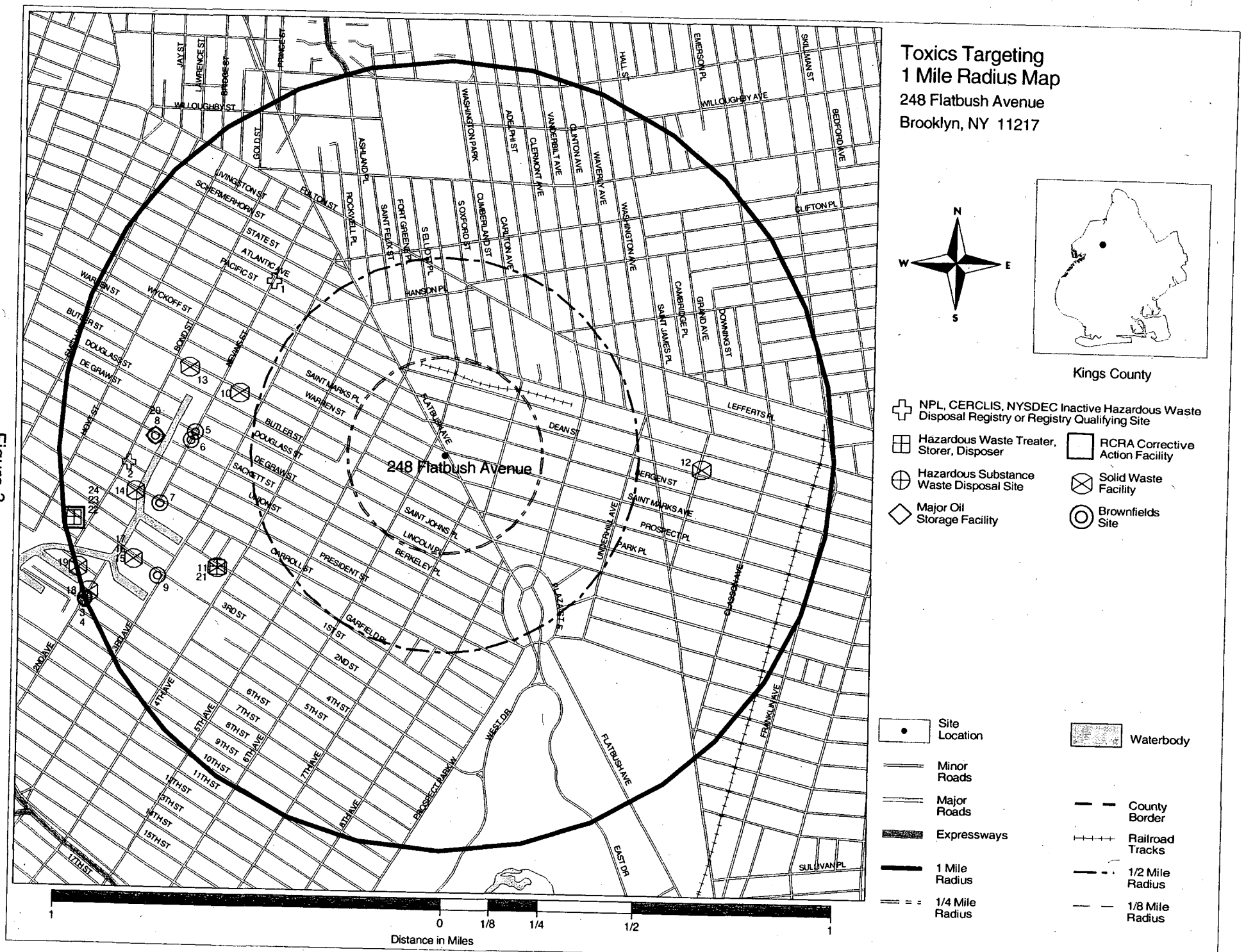
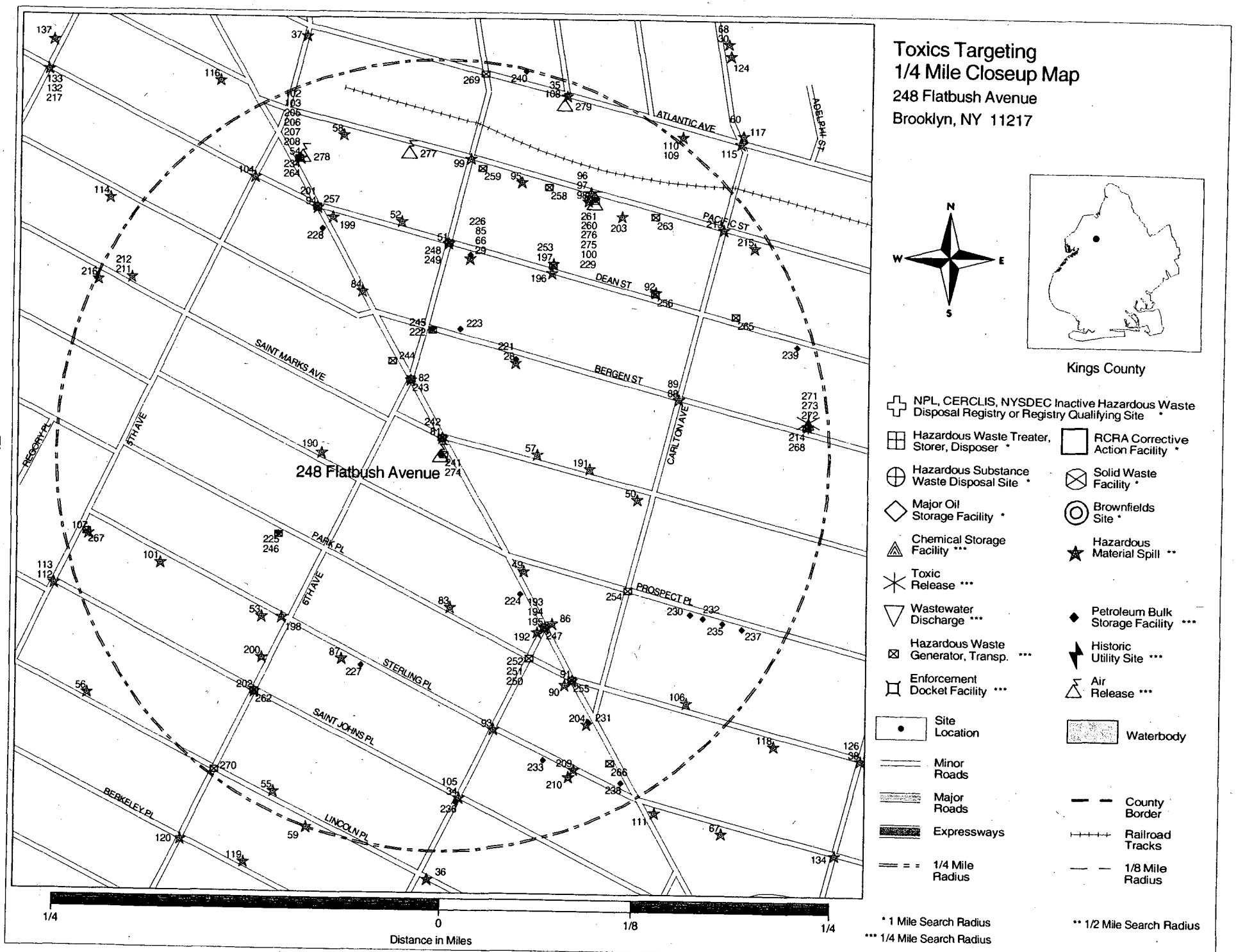

Toxics Targeting
1 Mile Radius Map
248 Flatbush Avenue
Brooklyn, NY 11217
N
W
E
S
Kings County
248 Flatbush Avenue
NPL, CERCLIS, NYSDEC Inactive Hazardous Waste Disposal Registry or Registry Qualifying Site
Hazardous Waste Treater, Storer, Disposer
RCRA Corrective Action Facility
Hazardous Substance Waste Disposal Site
Solid Waste Facility
Major Oil Storage Facility
Brownfields Site
Site Location
Waterbody
Minor Roads
Major Roads
Expressways
1 Mile Radius
1/4 Mile Radius
County Border
Railroad Tracks
1/2 Mile Radius
1/8 Mile Radius
1
0
1/8
1/4
1/2
1
Distance in Miles

Figure 3


Toxics Targeting
1/4 Mile Closeup Map
248 Flatbush Avenue
Brooklyn, NY 11217
248 Flatbush Avenue
ATLANTIC AVE
PACIFIC ST
DEAN ST
BERGEN ST
SAINT MARKS AVE
PARK PL
STERLING PL
SAINT JOHNS PL
LINCOLN PL
BERKELEY PL
PROSPECT PL
5TH AVE
6TH AVE
CARLTON AVE
ADELPHI ST
GREGORY PL
N
S
E
W
Kings County
NPL, CERCLIS, NYSDEC Inactive Hazardous Waste Disposal Registry or Registry Qualifying Site *
Hazardous Waste Treater, Storer, Disposer *
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Hazardous Substance Waste Disposal Site *
Solid Waste Facility *
Major Oil Storage Facility *
Brownfields Site *
Chemical Storage Facility ***
Hazardous Material Spill **
Toxic Release ***
Wastewater Discharge ***
Petroleum Bulk Storage Facility ***
Hazardous Waste Generator, Transp. ***
Historic Utility Site ***
Enforcement Docket Facility ***
Air Release ***
Site Location
Waterbody
Minor Roads
Major Roads
Expressways
1/4 Mile Radius
County Border
Railroad Tracks
1/8 Mile Radius
1/4
0
1/8
1/4
Distance in Miles
* 1 Mile Search Radius
** 1/2 Mile Search Radius
*** 1/4 Mile Search Radius

Figure 4

- National Priorities List (NPL);
- Comprehensive Environmental Response, Compensation, and Liability Act Information System (CERCLIS);
- Resource Conservation and Recovery Act Information System (RCRIS);
- Emergency Response and Notification System (ERNS);

In addition, the review included a search of the following State data sources:

- New York State Department of Environmental Conservation (NYSDEC) listing of Leaking Underground Storage Tanks and Spills List;
- NYSDEC Solid Waste Management Facilities Database;
- NYSDEC listing of Inactive Hazardous Waste Disposal Sites or State equivalent NPL;
- NYSDEC listing of Inactive Hazardous Waste Disposal Site Study or State equivalent CERCLIS;
- NYSDEC listing of Petroleum Bulk Storage (PBS) Facilities.

The NPL and CERCLIS databases are maintained by the United States Environmental Protection Agency (USEPA) and contain records for each of the hazardous waste facilities nominated or chosen for cleanup under Superfund. The NPL database was searched for sites within a radius of 1 mile from the subject property. The subject property is not identified on the NPL database. No NPL sites are identified within 1 mile of the subject property.

The CERCLIS database was searched for sites within a radius of 1 mile from the subject property. The subject property is not identified on the CERCLIS database. Two CERCLIS sites are identified in the database within 1 mile of the subject property. The closest site is located approximately 4,298 feet west of the subject property. This site and the remaining site should not impact the environmental quality of the subject property.

The NYSDEC Solid Waste Landfill Facility database (SWLF) includes properties which are active solid waste disposal sites. The SWLF database was searched for sites within a radius of 1 mile of the subject property. The subject property is not identified on the SWLF database. A total of 10 SWLF sites are identified in the database within 1 mile of the subject property. The closest site is located approximately 2,911 feet west-northwest of the subject property. This site and the remaining sites should not impact the environmental quality of the subject property.

The RCRIS database includes listings of properties which are considered either Hazardous Waste Treatment, Storage or Disposal (TSD) facilities or Hazardous Waste Generators/Transporters. The subject property is not listed in the RCRIS TSD database. Three RCRIS TSD sites are identified within 1 mile of the subject property. The closest site is located approximately 3,430 feet west-southwest of the subject property. This site and the remaining sites should not impact the environmental quality of the subject property.

The RCRA database includes listings of properties which are under going Corrective Action. The subject property is not listed in the Corrective Action database. One RCRA Corrective Action site is identified within 1 mile of the subject property. This site is located approximately 5,138 feet west of the subject property. This site should not impact the environmental quality of the subject property.

The subject property is listed as an RCRIS Hazardous Waste Generator/Transporter. The subject property, Cinderella Cleaners at 248 Flatbush Avenue, is identified as Site #241. The facility identification number is NYD980789564. The property generated 585 pounds of spent halogenated solvents in 2004. No violations are identified for the subject property.

A total of 29 additional RCRIS Hazardous Waste Generator/Transporter sites are identified within ¼ mile of the subject property. The closest site is located approximately 62 feet north of the subject property. These Hazardous Waste Generator/Transporter sites should not impact upon the environmental quality of the subject property.

The ERNS database is a Federal listing of properties which emergency responses were made to in reference to hazardous waste. The ERNS database was searched for the subject property. The subject property is not listed in the ERNS database.

The NYSDEC Spills and Leaking Underground Storage Tank (LUST) lists were searched for all reported spills within ½ mile of the subject property. The subject property is not listed in the databases as containing a Spill or LUST. A total of 196 Spills or LUSTs have occurred within ½ mile of the property. The closest active site is located approximately 401 feet northeast of the subject property and has impacted the soil. This site and the remaining active sites should not impact upon the environmental quality of the subject property.

The NYSDEC publication of Hazardous Substance Waste Disposal Sites in New York State, dated May 2000, contains a listing of all suspected properties and facilities in New York State that have been identified as possibly containing toxic or hazardous wastes and/or contamination in various forms. The subject property is not identified in the listing. One Hazardous Substance Waste Disposal site is identified in the database within 1 mile of the subject property. This site is located approximately 5,275 feet west-southwest of the subject property. This site should not impact the environmental quality of the subject property.

The NYSDEC publication of Inactive Hazardous Waste Disposal Sites in New York State, dated June 2003, contains a listing of all properties and facilities in New York State that have been identified as containing toxic or hazardous wastes and/or contamination in various forms. The subject property is not identified in the database. One Inactive Hazardous Waste Disposal site is identified in the database within 1 mile of the subject property. This site is located approximately 3,304 feet northwest of the subject property. This site should not impact the environmental quality of the subject property.

The NYSDEC listing of Petroleum Bulk Storage (PBS) facilities was searched for any listings within ¼ mile of the subject property. The subject property is not identified in the PBS database. A total of 20 PBS facilities are identified within ¼ mile of the property. None of these sites should impact upon the environmental quality of the property.

The NYSDEC Air Discharge facility database was searched for any listings within ¼ mile of the subject property. The subject property, Cinderella Cleaners, was identified in the database as an operating facility with a potential uncontrolled emission of less than 100 tons per year of tetrachloroethylene. The property is listed as in compliance. Operations that would discharge air emissions no longer are performed at the subject property. This listing should not impact the environmental quality of the subject property.

A total of 5 additional NYSDEC Air Discharge facilities are identified within ¼ mile of the property. None of these sites should impact upon the environmental quality of the property.

6.0 CONCLUSIONS

The results of the Phase I Environmental Site Assessment are contained in this report. Based upon this assessment, Advanced Cleanup Technologies, Inc. makes the following conclusions and representations concerning the scope of the assessment and the environmental quality of the property. The Phase I Environmental Site Assessment has revealed the following Recognized Environmental Condition at the subject property:

- Suspect asbestos containing materials located at the subject property (Section 3.2).

Except for this issue, no further assessment work is necessary in order to evaluate the environmental condition of the property.

7.0 RECOMMENDATIONS

Advanced Cleanup Technologies makes the following recommendation with respect to the above Recognized Environmental Condition at the property:

Suspect Asbestos-Containing Materials

An operation and maintenance (O & M) program should be instituted at the subject property in order to monitor the suspect asbestos-containing floor tiles and ceiling tiles for any future degradation. This O & M program can be performed by the maintenance staff of the building and can be instituted for approximately $500.00. These findings comprise only a preliminary inspection of the subject property for asbestos-containing materials and should not be interpreted as a formal asbestos survey. All Federal, State and local regulations should be followed with respect to asbestos-containing materials if renovations or demolition are to be performed at the property.

8.0 EXCLUSIONS AND DISCLAIMER

The purpose of this investigation was to assess the potential environmental liabilities at the subject site with respect to data which Advanced Cleanup Technologies, Inc. has accumulated during the Phase I Environmental Site Assessment. The conclusions presented in this report are based solely on the observations of the site at the time of the investigation. Data provided, including information provided by others, was utilized in assessing the site conditions. The accuracy of this report is subject to the accuracy of the information provided. Advanced Cleanup Technologies, Inc. is not responsible for areas not seen or information not collected. This report is given without a warranty or guarantee of any kind, expressed or implied. Advanced Cleanup Technologies, Inc. assumes no responsibility for losses associated with the use of this report.

APPENDIX A

COPY OF CLOSURE REPORT

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

CLOSURE REPORT

248 Flatbush Avenue
Brooklyn, New York

November 29 2005

ACT File #: 4071-BKNY

Prepared for:

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Cinderella Cleaners & Tailors
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TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

1.0 INTRODUCTION

1.1 Site Description

The subject property, known as 248 Flatbush Avenue, is located in a residential and commercial area in the western portion of the borough of Kings in New York City. The property is located at the west side of Flatbush Avenue. The site is approximately 5,000 square feet in area and is currently occupied by Cinderella Dry Cleaners. A Locational Diagram showing the site and its immediate vicinity is provided as Figure 1.

1.2 Previous Environmental Investigations

ACT completed a Limited Phase II Environmental Site Assessment on April 5, 2005 to determine whether a suspect historical leak in the basement boiler room impacted the environmental quality of the site. The scope of work was based upon a preliminary inspection of the site on February 7, 2005 and interviews with property representatives. Figure 2 shows the locations of the soil borings at the site. A copy of the previous environmental report is found in Appendix A.

Based on the results of the Limited Phase II Assessment, ACT concluded that the subsurface soil beneath the boiler room had been impacted by dry cleaning solvents. The vertical limit of the impacted soil appeared to be no more than 9 feet below the basement floor.

On July 8, 2005, ACT installed soil boring/temporary well SB-01A in the boiler room to determine whether ground water was impacted by the identified soil contamination, as indicated in

Figure 2. The soil boring was installed and continuously sampled from the basement floor to a depth of 10 feet using a portable hydraulic unit with a percussion hammer in combination with five foot macro samplers containing acetate liners. Soil consisted of brown, silty fine sand and exhibited no measurable organic vapor readings with a Photoionization Detector (PID). In addition, no visual or olfactory evidence of contamination was noted in the soil.

Soil samples from 0 to 2 feet and 8 to 10 feet below the basement floor were transmitted under chain of custody to Environmental Testing Laboratories, Inc. (ETL, ELAP # 10969) for laboratory analysis of Volatile Organic Compounds (VOCs) by EPA Method 8260. In addition, a composite sample from 0 to 10 feet was submitted for waste classification parameters. The results for the analysis of the discrete soil samples are summarized in Table 1. The laboratory reports are contained as Appendix B. Analytical results for the two discrete soil samples indicate the absence of any VOCs in the soil samples above laboratory method detection limits.

A temporary monitoring well was installed to intersect the water table at the location of SB-01A.. Depth to ground water was gauged with an oil/water interface probe extended down the temporary well casing. Ground water was encountered at 52.21 feet below the basement floor. No visual or olfactory evidence of contamination was noted in the ground water. An unfiltered ground water sample was collected from the temporary well after purging it of three well volumes of ambient ground water. The purging and sample collection was conducted through the use of a stainless-steel check valve connected to polyethylene tubing.

The ground water sample from SB-01A was transmitted under chain of custody to ETL for analysis of VOCs via EPA Method 8260. The results for the analysis of the ground water sample are summarized in Table 2. The ground water quality data were compared to NYSDEC Division of Water Technical Operational Guidance Series (TOGS) 1.1.1, June 1998, "Ambient Water Quality Standards and Guidance Values." The laboratory reports are contained in Appendix B.

Analytical results for the ground water sample indicate that the VOCs Tetrachlorethene and c-1,2-Dichlorothene were detected slightly above the regulatory standards. Although Acetone was also detected at an elevated concentration, this VOC is typically associated with laboratory contamination and does not appear to be related to the site.

The highest concentrations of chlorinated VOCs in ground water would be expected at this sampling location since the sample was collected directly below the source area. The low level of chlorinated VOCs at this sampling location is also indicative of a limited release. The risk of exposure is also low due to the dense, silty soils and considerable depth of the ground water beneath the site.

2.0 CLOSURE ACTIVITIES

2.1 Excavation of Contaminated Soil

On September 13th, 2005, ACT principal supervised the excavation of contaminated soil from the boiler room, as indicated in Figure 2. Appendix C provides photographs of the excavation.

The brick floor was first removed by laborers and then a vacuum truck was utilized to remove the soil to a depth of 5 feet below the basement floor and place it into a lined rolloff container on the street. Excavated soil was continuously screened utilizing a hand held PID. All soil samples had background (0.0 ppm) PID readings and appeared visually clean. Once the excavation was completed, ACT personnel proceeded to collect five post-excavation endpoint samples from the sidewalls and bottom of the excavation, as indicated in Figure 2.

Endpoint samples EP-1 through EP-5 were transmitted under chain of custody to ETL for analysis of VOCs by EPA Method 8260. The analytical results were compared to the Recommended Soil Cleanup Objectives (RSCOs) for VOCs provided in the NYSDEC TAGM, HWR-94-4046, revised December 2000. The results for the analysis of the endpoint samples are summarized in Table 3. The laboratory reports are contained as Appendix B.

As indicated in Table 3, traces of Acetone considerably below its RSCO were detected in samples EP-02, EP-3, EP-04, and EP-05. No VOCs were detected in endpoint sample EP-1. As previously discussed, Acetone is a common laboratory contaminant.

A total of 4.4 tons of soil were removed from the site and transported to Clean Earth of Philadelphia, Inc. Copies of the waste manifests are provided in Appendix D.

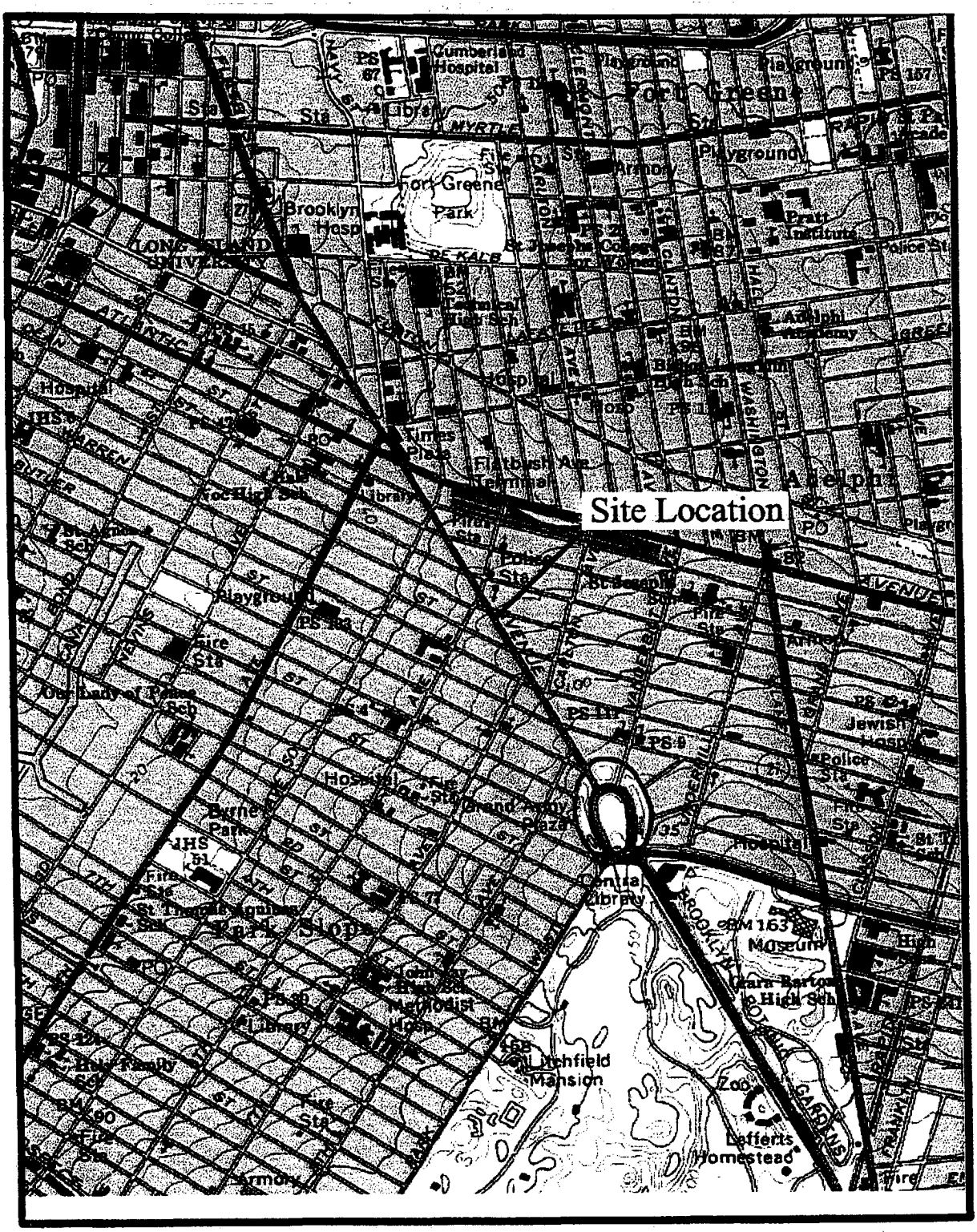
3.0 CONCLUSIONS

The following conclusions can be made based upon previous subsurface investigations and the excavation of contaminated soil conducted under ACT oversight:

- A total of 4.4 tons of contaminated soil was excavated from the site. Analytical results for five post-excavation endpoint samples collected from the excavation indicate no contaminated soil remains.

- Although the ground water directly below the source area has been impacted, the extent of impact is limited and the risk of exposure is low. Therefore, no further remedial action is deemed necessary.

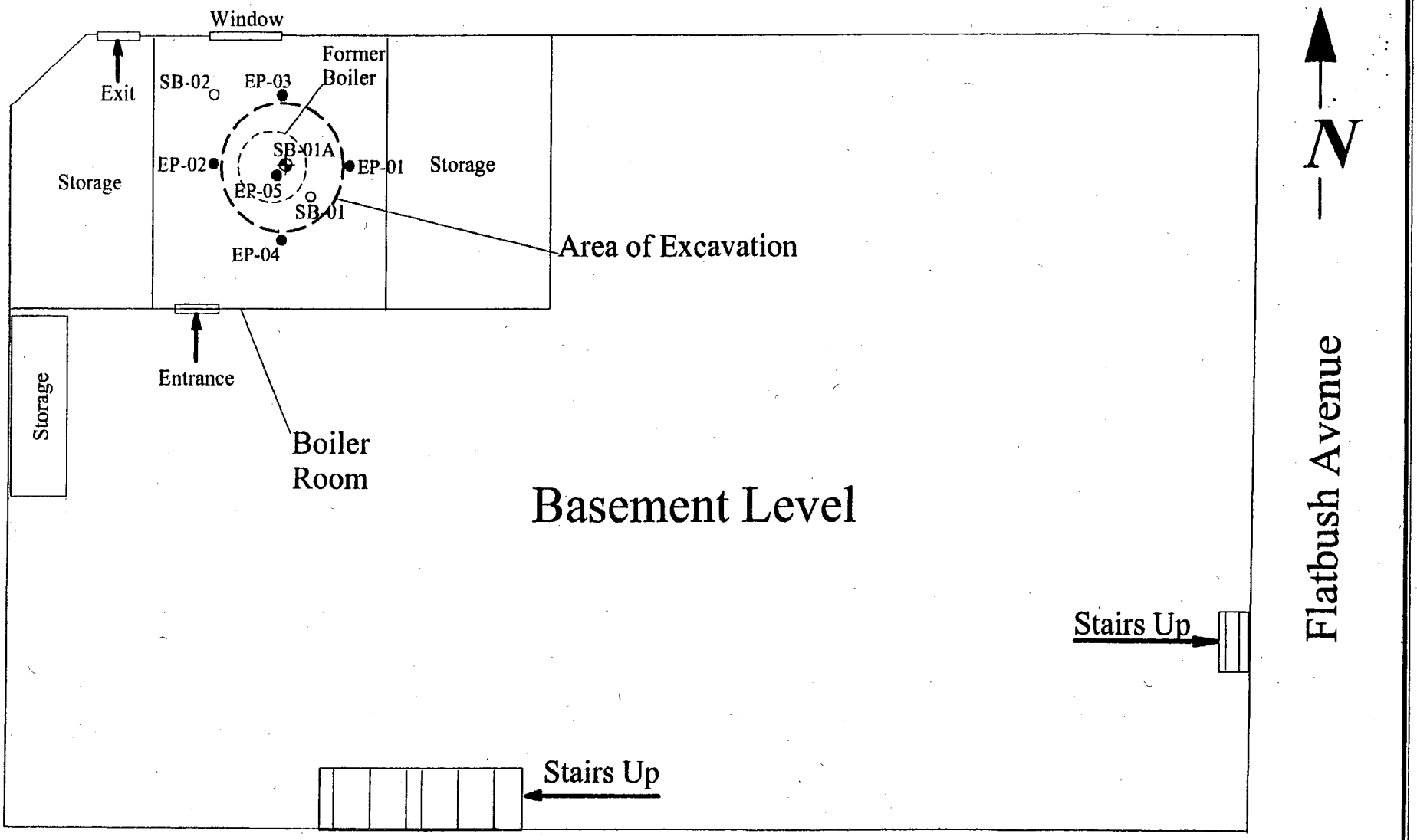
FIGURES



From USGS 7.5 Minute Topographic Map Of Brooklyn, New York Quadrangle

N

Figure 1	
Locational Diagram	
Job No. 4071-BKNY	Date: 10/31/05
Dwg. No. 4071-01	Scale: 1"=2,000'
Drawn By: Caroline Cadalso	Appr. By: Paul Stewart
Advanced Cleanup Technologies	



Legend

- ○ SB-01 Soil Boring
- ⊕ SB-01A Soil Boring/Temporary Well
- ● EP-01 Endpoint Soil Sample

Figure 2

Site Diagram

Job No. 4071-BKNY	Date: 10/31/05
Drawing No. 4071-03	Scale: 1 in.=10 ft. (Approx.)
Drawn By: Caroline Cadalso	Drawn By: Paul Stewart

Advanced Cleanup Technologies, Inc.

TABLES

Table 1
Volatile Organic Compounds in Soil (ug/kg)
EPA Method 8260

Chemical	SB-01A (0-2')	SB-01A (8-10')	Standard[1]
Dichlorodifluoromethane	<0.60	<0.59	N/A
Chlorodifluoromethane	<1.09	<1.07	N/A
Chloromethane	<1.84	<1.82	N/A
Vinyl Chloride	<1.09	<1.07	200
Bromomethane	<0.69	<0.68	N/A
Chloroethane	<1.02	<1.01	N/A
Trichlorofluoromethane	<0.93	<0.92	N/A
1,1,2-Trichlorotrifluoroethane	<0.80	<0.79	N/A
1,1-Dichloroethene	<1.29	<1.27	400
Acetone	<12.1	<11.9	200
Carbon disulfide	<0.87	<0.85	N/A
Methylene Chloride	<1.15	<1.14	100
t-1,2-Dichloroethene	<1.13	<1.12	300
Methyl t-butyl ether	<1.84	<1.82	120
1,1-Dichloroethane	<0.91	<0.90	200
2,2-Dichloropropane	<0.75	<0.74	N/A
c-1,2-Dichloroethene	<1.20	<1.18	N/A
2-Butanone	<10.6	<10.4	N/A
Bromochloromethane	<1.27	<1.25	N/A
Chloroform	<0.80	<0.79	300
1,1,1-Trichloroethane	<1.07	<1.05	800
Carbon Tetrachloride	<1.22	<1.20	600
1,1-Dichloropropene	<1.13	<1.12	N/A
Benzene	<1.09	<1.07	60 or MDL
1,2-Dichloroethane	<1.00	<0.99	100
Trichloroethene	<1.04	<1.03	700
1,2-Dichloropropane	<0.87	<0.85	N/A
Dibromomethane	<1.49	<1.47	N/A
Bromodichloromethane	<0.91	<0.90	N/A
2-Chloroethylvinylether	<4.80	<4.73	N/A
c-1,3-Dichloropropene	<0.98	<0.96	N/A
4-Methyl-2-pentanone	<10.3	<10.1	N/A
Toluene	<1.04	<1.03	1,500
t-1,3-Dichloropropene	<0.93	<0.92	N/A
1,1,2-Trichloroethane	<0.95	<0.94	N/A
Tetrachloroethene	<1.98	<1.95	1,400

Table 1 (Continued)
Volatile Organic Compounds in Soil (ug/kg)
EPA Method 8260

Chemical	SB-01A (0-2')	SB-01A (8-10')	Standard[1]
1,3-Dichloropropane	<1.35	<1.34	300
2-Hexanone	<9.90	<9.77	N/A
Dibromochloromethane	<1.18	<1.16	N/A
1,2-Dibromoethane	<0.95	<0.94	N/A
Chlorobenzene	<0.93	<0.92	1,700
1,1,1,2-Tetrachloroethane	<0.98	<0.96	N/A
Ethylbenzene	<0.53	<0.53	5,500
m,p-Xylenes	<1.84	<1.82	1,200
o-Xylenes	<0.93	<0.92	1,200
Styrene	<0.95	<0.94	N/A
Bromoform	<1.53	<1.51	N/A
Isopropylbenzene	<0.75	<0.74	2,300
Bromobenzene	<0.53	<0.53	N/A
1,1,2,2-Tetrachloroethane	<1.38	<1.36	600
n-Propylbenzene	<0.75	<0.74	3,700
1,2,3-Trichloropropane	<2.97	<2.93	400
p-Ethyltoluene	<0.62	<0.61	N/A
1,3,5-Trimethylbenzene	<1.27	<1.25	3,300
2-Chlorotoluene	<0.75	<0.74	N/A
4-Chlorotoluene	<0.78	<0.77	N/A
tert-Butylbenzene	<0.62	<0.61	10,000
1,2,4-Trimethylbenzene	<1.40	<1.38	10,000
sec-Butylbenzene	<0.71	<0.70	10,000
4-Isopropyltoluene	<0.91	<0.90	N/A
1,3-Dichlorobenzene	<0.78	<0.77	1,600
1,4-Dichlorobenzene	<0.78	<0.77	8,500
1,2-Dichlorobenzene	<0.87	<0.85	7,900
p-Diethylbenzene	<1.24	<1.23	N/A
n-Butylbenzene	<1.44	<1.42	10,000
1,2,4,5-Tetramethylbenzene	<1.47	<1.45	N/A
1,2-Dibromo-3-chloropropane	<2.91	<2.87	N/A
1,2,4-Trichlorobenzene	<1.91	<1.88	3,400
Hexachlorobutadiene	<0.71	<0.70	N/A
Naphthalene	<2.13	<2.10	13,000
1,2,3-Trichlorobenzene	<1.82	<1.80	N/A
TAME	<1.04	<1.03	N/A
Tertiary butyl alcohol	<25.5	<25.2	N/A

[1] NYSDEC TAGM, HWR-94-4046 (Revised December, 2000)

N/A = Not Available

Bolded values signify exceedance of regulatory standard

Table 2
Volatile Organic Compounds in Water (ug/L)
EPA Method 8260

Chemical	SB-01A	Standard[1]
Dichlorodifluoromethane	<0.36	5
Chlorodifluoromethane	<0.43	NS
Chloromethane	<0.57	5
Vinyl Chloride	<0.38	2
Bromomethane	<0.56	5
Chloroethane	<0.55	5
Trichlorofluoromethane	<0.40	5
1,1,2-Trichlorotrifluoroethane	<1.06	5
1,1-Dichloroethene	<0.44	5
Acetone	3210	50
Carbon disulfide	<0.45	50
Methylene Chloride	<0.19	5
t-1,2-Dichloroethene	<0.40	5
Methyl t-butyl ether	<0.41	10
1,1-Dichloroethane	<0.32	5
2,2-Dichloropropane	<0.66	5
c-1,2-Dichloroethene	**5.37**	5
2-Butanone	<0.87	50
Bromochloromethane	<0.35	5
Chloroform	4.44	7
1,1,1-Trichloroethane	<0.40	5
Carbon Tetrachloride	<0.34	5
1,1-Dichloropropene	<0.31	5
Benzene	<0.38	1
1,2-Dichloroethane	<0.20	0.6
Trichloroethene	1.2	5
1,2-Dichloropropane	<0.28	1
Dibromomethane	<0.24	5
Bromodichloromethane	<0.23	50
2-Chloroethylvinylether	<0.27	NS
c-1,3-Dichloropropene	<0.32	0.4
4-Methyl-2-pentanone	<0.74	NS
Toluene	<0.36	5
t-1,3-Dichloropropene	<0.30	0.4
1,1,2-Trichloroethane	<0.28	1
Tetrachloroethene	**285**	5

Table 2 (Continued)
Volatile Organic Compounds in Water (ug/L)
EPA Method 8260

Chemical	SB-01A	Standard[1]
1,3-Dichloropropane	<0.26	5
2-Hexanone	<0.95	50
Dibromochloromethane	<0.26	50
1,2-Dibromoethane	<0.30	50
Chlorobenzene	<0.32	5
1,1,1,2-Tetrachloroethane	<0.31	5
Ethylbenzene	<0.30	5
m,p-xylenes	<0.62	5
o-xylenes	<0.30	5
Styrene	<0.35	5
Bromoform	<0.22	50
Isopropylbenzene	<0.29	5
Bromobenzene	<0.32	5
1,1,2,2-Tetrachloroethane	<0.21	5
n-Propylbenzene	<0.32	5
1,2,3-Trichloropropane	<0.42	0.04
p-Ethyltoluene	<0.33	NS
1,3,5-Trimethylbenzene	<0.42	5
2-Chlorotoluene	<0.41	5
4-Chlorotoluene	<0.34	5
tert-Butylbenzene	<0.32	5
1,2,4-Trimethylbenzene	<0.29	5
sec-Butylbenzene	<0.34	5
4-Isopropyltoluene	<0.24	5
1,3-Dichlorobenzene	<0.25	3
1,4-Dichlorobenzene	<0.30	3
1,2-Dichlorobenzene	<0.28	3
p-Diethylbenzene	<0.31	NS
n-Butylbenzene	<0.29	5
1,2,4,5-Tetramethylbenzene	<0.34	5
1,2-Dibromo-3-chloropropane	<0.42	0.04
1,2,4-Trichlorobenzene	<0.36	5
Hexachlorobutadiene	<0.94	0.5
Naphthalene	<0.28	10
1,2,3-Trichlorobenzene	<0.28	5
TAME	<0.17	NS
Tertiary butyl alcohol	<1.81	NS

[1] NYSDEC TOGS 1.1.1, June, 1998

Bolded values signify exceedance of regulatory standard

NS= No Standard or Guidance Value for the compound is provided in TOGS 1.1.1.

Table 3
Volatile Organic Compounds in Post-Excavation Endpoint Soil (ug/kg)
EPA Method 8260

Chemical	EP-01	EP-02	EP-03	EP-04	EP-05	Standard[1]
Dichlorodifluoromethane	<0.59	<0.60	<0.55	<0.59	<0.59	N/A
Chlorodifluoromethane	<1.07	<1.08	<0.99	<1.07	<1.06	N/A
Chloromethane	<1.81	<1.83	<1.68	<1.82	<1.80	N/A
Vinyl Chloride	<1.07	<1.08	<0.99	<1.07	<1.06	200
Bromomethane	<0.68	<0.69	<0.63	<0.68	<0.67	N/A
Chloroethane	<1.00	<1.02	<0.93	<1.01	<1.00	N/A
Trichlorofluoromethane	<0.92	<0.93	<0.85	<0.92	<0.91	N/A
1,1,2-Trichlorotrifluoroethane	<0.78	<0.80	<0.73	<0.79	<0.78	N/A
1,1-Dichloroethene	<1.26	<1.28	<1.18	<1.27	<1.26	400
Acetone	<11.9	21.6	21.7	18.2	35.7	200
Carbon disulfide	<0.85	<0.86	<0.79	<0.85	<0.85	N/A
Methylene Chloride	<1.13	<1.15	<1.06	<1.14	<1.13	100
t-1,2-Dichloroethene	<1.11	<1.13	<1.04	<1.12	<1.11	300
Methyl t-butyl ether	<1.81	<1.83	<1.68	<1.82	<1.80	120
1,1-Dichloroethane	<0.89	<0.91	<0.83	<0.90	<0.89	200
2,2-Dichloropropane	<0.74	<0.75	<0.69	<0.74	<0.74	N/A
c-1,2-Dichloroethene	<1.18	<1.19	<1.10	<1.18	<1.17	N/A
2-Butanone	<10.4	<10.5	<9.68	<10.4	<10.4	N/A
Bromochloromethane	<1.24	<1.26	<1.16	<1.25	<1.24	N/A
Chloroform	<0.78	<0.80	<0.73	<0.79	<0.78	300
1,1,1-Trichloroethane	<1.05	<1.06	<0.97	<1.05	<1.04	800
Carbon Tetrachloride	<1.20	<1.22	<1.12	<1.20	<1.19	600
1,1-Dichloropropene	<1.11	<1.13	<1.04	<1.12	<1.11	N/A
Benzene	<1.07	<1.08	<0.99	<1.07	<1.06	60 or MDL
1,2-Dichloroethane	<0.98	<0.99	<0.91	<0.99	<0.98	100
Trichloroethene	<1.02	<1.04	<0.95	<1.03	<1.02	700
1,2-Dichloropropane	<0.85	<0.86	<0.79	<0.85	<0.85	N/A
Dibromomethane	<1.46	<1.48	<1.36	<1.47	<1.45	N/A
Bromodichloromethane	<0.89	<0.91	<0.83	<0.90	<0.89	N/A
2-Chloroethylvinylether	<4.71	<4.77	<4.38	<4.73	<4.69	N/A
c-1,3-Dichloropropene	<0.96	<0.97	<0.89	<0.96	<0.95	N/A
4-Methyl-2-pentanone	<10.1	<10.2	<9.40	<10.1	<10.0	N/A
Toluene	<1.02	<1.04	<0.95	<1.03	<1.02	1,500
t-1,3-Dichloropropene	<0.92	<0.93	<0.85	<0.92	<0.91	N/A
1,1,2-Trichloroethane	<0.94	<0.95	<0.87	<0.94	<0.93	N/A
Tetrachloroethene	<1.94	<1.97	<1.81	<1.95	<1.93	1,400

Table 3 (Continued)
Volatile Organic Compounds in Post-Excavation Endpoint Soil (ug/kg)
EPA Method 8260

Chemical	EP-01	EP-02	EP-03	EP-04	EP-05	Standard[1]
1,3-Dichloropropane	<1.33	<1.35	<1.24	<1.34	<1.32	300
2-Hexanone	<9.72	<9.86	<9.05	<9.77	<9.68	N/A
Dibromochloromethane	<1.16	<1.17	<1.08	<1.16	<1.15	N/A
1,2-Dibromoethane	<0.94	<0.95	<0.87	<0.94	<0.93	N/A
Chlorobenzene	<0.92	<0.93	<0.85	<0.92	<0.91	1,700
1,1,1,2-Tetrachloroethane	<0.96	<0.97	<0.89	<0.96	<0.95	N/A
Ethylbenzene	<0.52	<0.53	<0.49	<0.53	<0.52	5,500
m,p-Xylenes	<1.81	<1.83	<1.68	<1.82	<1.80	1,200
o-Xylenes	<0.92	<0.93	<0.85	<0.92	<0.91	1,200
Styrene	<0.94	<0.95	<0.87	<0.94	<0.93	N/A
Bromoform	<1.50	<1.52	<1.40	<1.51	<1.50	N/A
Isopropylbenzene	<0.74	<0.75	<0.69	<0.74	<0.74	2,300
Bromobenzene	<0.52	<0.53	<0.49	<0.53	<0.52	N/A
1,1,2,2-Tetrachloroethane	<1.35	<1.37	<1.26	<1.36	<1.35	600
n-Propylbenzene	<0.74	<0.75	<0.69	<0.74	<0.74	3,700
1,2,3-Trichloropropane	<2.92	<2.96	<2.72	<2.93	<2.91	400
p-Ethyltoluene	<0.61	<0.62	<0.57	<0.61	<0.61	N/A
1,3,5-Trimethylbenzene	<1.24	<1.26	<1.16	<1.25	<1.24	3,300
2-Chlorotoluene	<0.74	<0.75	<0.69	<0.74	<0.74	N/A
4-Chlorotoluene	<0.76	<0.77	<0.71	<0.77	<0.76	N/A
tert-Butylbenzene	<0.61	<0.62	<0.57	<0.61	<0.61	10,000
1,2,4-Trimethylbenzene	<1.37	<1.39	<1.28	<1.38	<1.37	10,000
sec-Butylbenzene	<0.70	<0.71	<0.65	<0.70	<0.69	10,000
4-Isopropyltoluene	<0.89	<0.91	<0.83	<0.90	<0.89	N/A
1,3-Dichlorobenzene	<0.76	<0.77	<0.71	<0.77	<0.76	1,600
1,4-Dichlorobenzene	<0.76	<0.77	<0.71	<0.77	<0.76	8,500
1,2-Dichlorobenzene	<0.85	<0.86	<0.79	<0.85	<0.85	7,900
p-Diethylbenzene	<1.22	<1.24	<1.14	<1.23	<1.22	N/A
n-Butylbenzene	<1.42	<1.44	<1.32	<1.42	<1.41	10,000
1,2,4,5-Tetramethylbenzene	<1.44	<1.46	<1.34	<1.45	<1.43	N/A
1,2-Dibromo-3-chloropropane	<2.86	<2.90	<2.66	<2.87	<2.84	N/A
1,2,4-Trichlorobenzene	<1.87	<1.90	<1.75	<1.88	<1.87	3,400
Hexachlorobutadiene	<0.70	<0.71	<0.65	<0.70	<0.69	N/A
Naphthalene	<2.09	<2.12	<1.95	<2.10	<2.08	13,000
1,2,3-Trichlorobenzene	<1.79	<1.81	<1.66	<1.80	<1.78	N/A
TAME	<1.02	<1.04	<0.95	<1.03	<1.02	N/A
Tertiary butyl alcohol	<25.1	<25.4	<23.3	<25.2	<25.0	N/A
Acrylonitrile	<8.81	<8.93	<8.20	<8.85	<8.77	N/A

[1] NYSDEC TAGM, HWR-94-4046 (Revised December, 2000)
N/A = Not Available
Bolded values signify exceedance of regulatory standard

APPENDIX A

PREVIOUS ENVIRONMENTAL REPORTS

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

April 5, 2005

Mr. David Aronowicz
Cinderella Cleaners & Tailors
248 Flatbush Avenue
Brooklyn, New York 11217

Re: Limited Phase II Environmental Site Assessment
248 Flatbush Avenue, Brooklyn, NY

Dear Mr. Aronowicz:

On March 4, 2005, Advanced Cleanup Technologies, Inc. (ACT) performed a Limited Phase II Environmental Site Assessment of the above-referenced property (Figure 1, Locational Diagram). The purpose for this assessment was to determine whether historic dry cleaning operations had impacted the environmental quality of the subject property. The scope of work was based upon a preliminary inspection of the subject property on February 7, 2005 and interviews with property representatives.

The scope of the assessment included the installation, sampling and analysis of two soil borings. The scope of work also included in-field screening of soil samples and the laboratory analysis of two soil samples for volatile organic compounds (VOCs) including those associated with dry cleaning. This letter report summarizes the results of the Limited Phase II assessment.

On March 4, 2005, ACT installed two soil borings (SB-01 and SB-02) through the floor of the boiler room located in the northwest corner of the building's basement. The soil borings were installed utilizing a portable hydraulic unit with a hydraulic percussion hammer, in combination with four foot macro samplers containing acetate liners. The soil borings were continuously sampled from below the concrete floor to a maximum depth of 12 feet below the floor. Figure 2 shows the locations of the soil borings.

115 Rome Street Farmingdale, New York 11735 Tel: 631/293-4982 Fax: 631/293-4986
1000 7th North Street, Suite B-30 Liverpool, New York 13088 Tel: 315/451-9720 Fax: 315/451-9727
E-mail: advancedcleanuptech.com

Soil samples were screened for VOCs in the field utilizing a Photoionization Detector (PID). At SB-01, elevated PID readings ranging from 900 parts per million (ppm) at a depth of 0 to 2 feet to 33 ppm at 11 to 12 feet were encountered. These elevated PID readings coincided with a solvent odor encountered from 0 to 12 feet below grade. At SB-02, less significant PID readings ranging from 52 ppm at 2 to 3 feet to 15 ppm at 11 to 12 feet were encountered. No solvent odor was noted in this boring. Soil samples generally consisted of a red-brown silty, fine to medium sand with a trace of angular gravel. No ground water was encountered in these borings.

A temporary monitoring well was also attempted at the location of SB-01 to determine any impacts to ground water beneath the subject property. The temporary well was installed to a depth of 26 feet below ground surface. Unfortunately, no ground water was encountered at that depth. A review of the USGS topographic map for the vicinity of the site indicates that ground water can be expected to be present approximately 50 feet below ground surface, or 40 feet below the basement floor (See Figure 1).

A soil sample from each soil boring at its maximum depth, which also exhibited the lowest PID reading, was transmitted to Environmental Testing Laboratories, Inc. (ETL, ELAP No. 10969). The soil samples were analyzed for VOCs by United States Environmental Protection Agency (EPA) Method 8260. The laboratory results were compared to New York State Department of Environmental Conservation (NYSDEC) TAGM HWR-94-4046, Recommended Soil Cleanup Objectives, revised December, 2000 (NYSDEC TAGM).

No VOCs were detected in soil sample SB-01 (11-12'), with the exception of a low concentration of tetrachloroethene (.004 ppm), which is commonly associated with dry cleaning solvents. This level of tetrachloroethene is below the regulatory standard of 1.4 ppm. No VOCs were detected in soil sample SB-02 (9-10').

The following conclusions can be made from the results of the Limited Phase II Environmental Site Assessment completed to date:

- The soil at sampling locations SB-01 and SB-02 appears to have been impacted by historical dry cleaning operations. However, based on the significant decrease in PID readings at 8 to 12' below the floor and the trace concentration of tetrachloroethene detected in the soil sample from SB-01, it appears that the vertical extent of soil contamination is limited. PID readings at SB-02 were significantly less than those detected at SB-01, which also indicates the horizontal extent is limited.

ACT makes the following recommendations with regards to the above conclusions:

- It is recommended that the impacted soils be excavated from below the boiler room until clean endpoint samples can be obtained or to the maximum extent feasible in light of the physical structures and limitations of that area of the Site. This will require the removal of the existing boiler. It is estimated that 30 tons of contaminated soil will require removal, transportation, and proper disposal. The cost to remediate these soils is estimated to be $15,000.

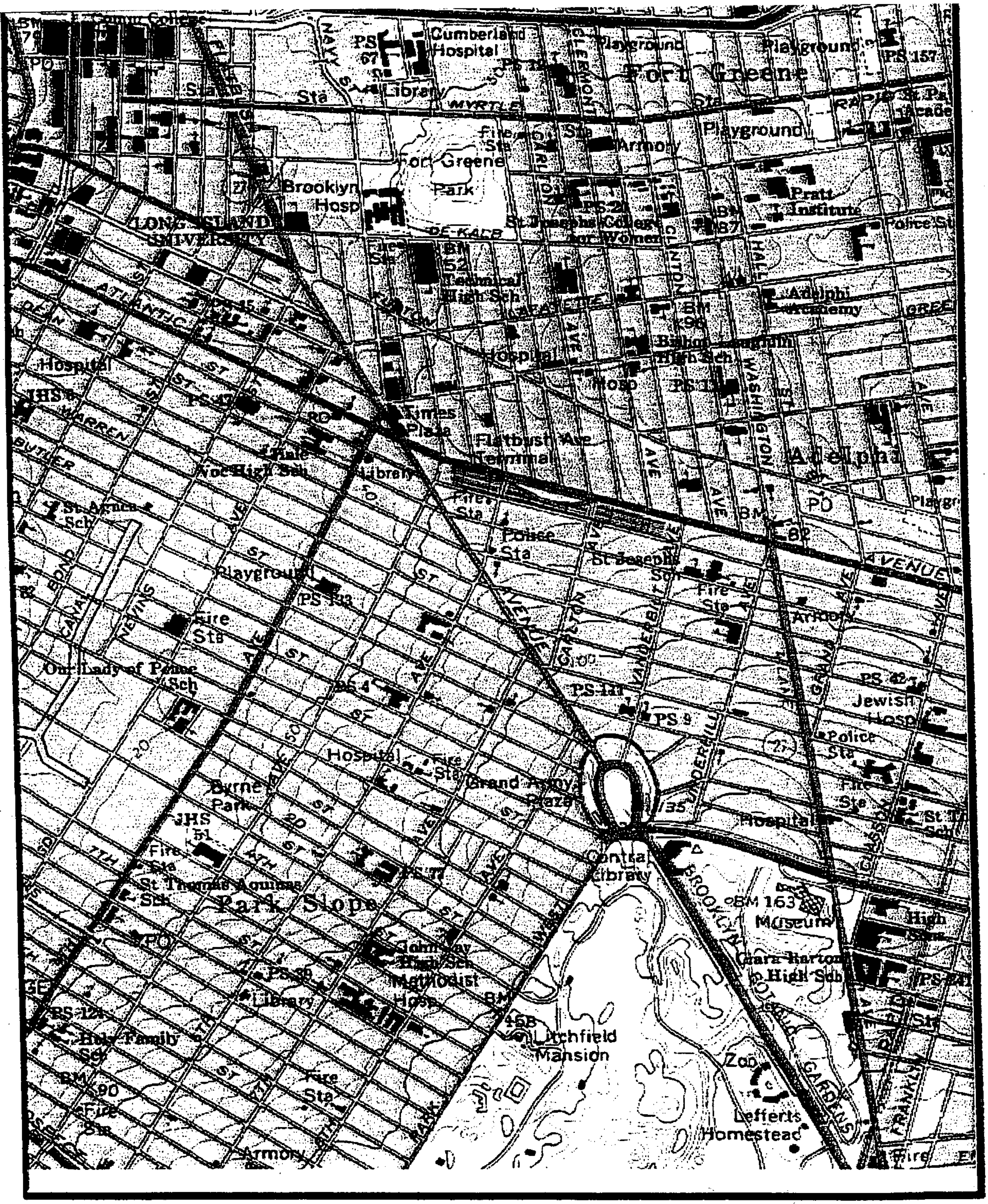
- A supplemental assessment should be performed to verify whether the ground water beneath the Site has been impacted by historic dry cleaning operations. A minimum of three temporary monitoring wells should be installed at the Site. The cost to install, sample and analyze ground water samples from temporary monitoring wells to verify the absence of ground water contamination beneath the property is estimated to be $7,500.

Please feel free to contact the undersigned if you have any questions concerning the above.

Very Truly Yours,

Paul P. Stewart
President

PPS/nl
Enc.



From USGS 7.5 Minute Topographic Map Of Brooklyn, New York Quadrangle

N

Figure 1	
Locational Diagram	
Job No. 4071-BKNY	Date: 4/04/05
Dwg. No. 4071-01	Scale: 1"=2,000'
Drawn By: Caroline Cadalso	Appr. By: Paul Stewart
Advanced Cleanup Technologies	

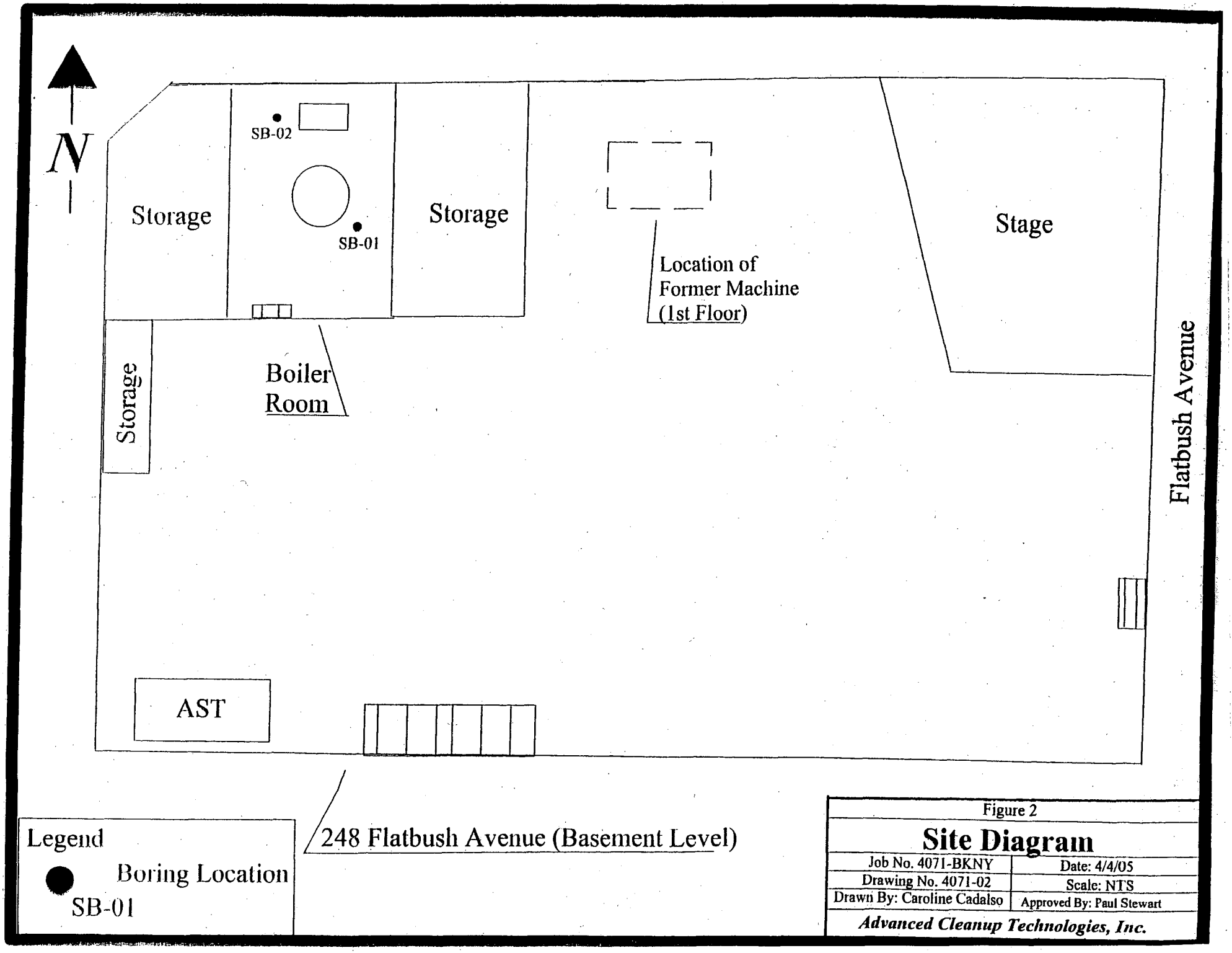


Figure 2

Site Diagram

Job No. 4071-BKNY	Date: 4/4/05
Drawing No. 4071-02	Scale: NTS
Drawn By: Caroline Cadalso	Approved By: Paul Stewart

Advanced Cleanup Technologies, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

03/09/2005

Laboratory Identifier: 0503133

Custody Document: S6245
Received: 03/07/2005 14:35
Sampled by: Steven Walls

Client: Advanced Cleanup Technologies

115 Rome Streeet
Farmingdale,
NY 11735

Project: 4071-BHNY

Manager: Caroline Cadalso

Respectfully submitted,

Patricia Werner-Els
Quality Assurance Officer

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
MA Cert. # NY061
PA Cert. # 68-535
NH Cert. # 252592-BA
RI Cert. # 161

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

03/09/2005

Volatiles - EPA 8260B

Sample: 0503133-1
Client Sample ID: SB-01
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 03/08/2005

Type: Grab

Collected: 03/04/2005 10:30
% Solid: 91.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
75-71-8	Dichlorodifluoromethane	B1699-167	0.59	0.59	ppb	U
75-45-6	Chlorodifluoromethane	B1699-167	1.07	1.07	ppb	U
74-87-3	Chloromethane	B1699-167	1.82	1.82	ppb	U
75-01-4	Vinyl Chloride	B1699-167	1.07	1.07	ppb	U
74-83-9	Bromomethane	B1699-167	0.68	0.68	ppb	U
75-00-3	Chloroethane	B1699-167	1.01	1.01	ppb	U
75-69-4	Trichlorofluoromethane	B1699-167	0.92	0.92	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B1699-167	0.79	0.79	ppb	U
75-35-4	1,1-Dichloroethene	B1699-167	1.27	1.27	ppb	U
67-64-1	Acetone	B1699-167	11.9	11.9	ppb	U
75-15-0	Carbon disulfide	B1699-167	0.85	0.85	ppb	U
75-09-2	Methylene Chloride	B1699-167	1.14	1.14	ppb	U
156-60-5	t-1,2-Dichloroethene	B1699-167	1.12	1.12	ppb	U
1634-04-4	Methyl t-butyl ether	B1699-167	1.82	1.82	ppb	U
75-34-3	1,1-Dichloroethane	B1699-167	0.90	0.90	ppb	U
590-20-7	2,2-Dichloropropane	B1699-167	0.74	0.74	ppb	U
156-59-2	c-1,2-Dichloroethene	B1699-167	1.18	1.18	ppb	U
78-93-3	2-Butanone	B1699-167	10.4	10.4	ppb	U
74-97-5	Bromochloromethane	B1699-167	1.25	1.25	ppb	U
67-66-3	Chloroform	B1699-167	0.79	0.79	ppb	U
71-55-6	1,1,1-Trichloroethane	B1699-167	1.05	1.05	ppb	U
56-23-5	Carbon Tetrachloride	B1699-167	1.20	1.20	ppb	U
563-58-6	1,1-Dichloropropene	B1699-167	1.12	1.12	ppb	U
71-43-2	Benzene	B1699-167	1.07	1.07	ppb	U
107-06-2	1,2-Dichloroethane	B1699-167	0.99	0.99	ppb	U
79-01-6	Trichloroethene	B1699-167	1.03	1.03	ppb	U
78-87-5	1,2-Dichloropropane	B1699-167	0.85	0.85	ppb	U
74-95-3	Dibromomethane	B1699-167	1.47	1.47	ppb	U
75-27-4	Bromodichloromethane	B1699-167	0.90	0.90	ppb	U
110-75-8	2-Chloroethylvinylether	B1699-167	4.73	4.73	ppb	U
10061-01-5	c-1,3-Dichloropropene	B1699-167	0.96	0.96	ppb	U
108-10-1	4-Methyl-2-pentanone	B1699-167	10.1	10.1	ppb	U
108-88-3	Toluene	B1699-167	1.03	1.03	ppb	U
10061-02-6	t-1,3-Dichloropropene	B1699-167	0.92	0.92	ppb	U

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Phone - 631-249-1456 Fax - 631-249-8344

03/09/2005

Volatiles - EPA 8260B

Sample: 0503133-1
Client Sample ID: SB-01
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 03/08/2005

Type: Grab

Collected: 03/04/2005 10:30
% Solid: 91.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
79-00-5	1,1,2-Trichloroethane	B1699-167	0.94	0.94	ppb	U
127-18-4	Tetrachloroethene	B1699-167	1.95	**4.47**	ppb	Y
142-28-9	1,3-Dichloropropane	B1699-167	1.34	1.34	ppb	U
591-78-6	2-Hexanone	B1699-167	9.77	9.77	ppb	U
124-48-1	Dibromochloromethane	B1699-167	1.16	1.16	ppb	U
106-93-4	1,2-Dibromoethane	B1699-167	0.94	0.94	ppb	U
108-90-7	Chlorobenzene	B1699-167	0.92	0.92	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	B1699-167	0.96	0.96	ppb	U
100-41-4	Ethylbenzene	B1699-167	0.53	0.53	ppb	U
108-38-3	m,p-xylene	B1699-167	1.82	1.82	ppb	U
95-47-6	o-xylene	B1699-167	0.92	0.92	ppb	U
100-42-5	Styrene	B1699-167	0.94	0.94	ppb	U
75-25-2	Bromoform	B1699-167	1.51	1.51	ppb	U
98-82-8	Isopropylbenzene	B1699-167	0.74	0.74	ppb	U
108-86-1	Bromobenzene	B1699-167	0.53	0.53	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	B1699-167	1.36	1.36	ppb	U
103-65-1	n-Propylbenzene	B1699-167	0.74	0.74	ppb	U
96-18-4	1,2,3-Trichloropropane	B1699-167	2.93	2.93	ppb	U
622-96-8	p-Ethyltoluene	B1699-167	0.61	0.61	ppb	U
108-67-8	1,3,5-Trimethylbenzene	B1699-167	1.25	1.25	ppb	U
95-49-8	2-Chlorotoluene	B1699-167	0.74	0.74	ppb	U
106-43-4	4-Chlorotoluene	B1699-167	0.77	0.77	ppb	U
98-06-6	tert-Butylbenzene	B1699-167	0.61	0.61	ppb	U
95-63-6	1,2,4-Trimethylbenzene	B1699-167	1.38	1.38	ppb	U
135-98-8	sec-Butylbenzene	B1699-167	0.70	0.70	ppb	U
99-87-6	4-Isopropyltoluene	B1699-167	0.90	0.90	ppb	U
541-73-1	1,3-Dichlorobenzene	B1699-167	0.77	0.77	ppb	U
106-46-7	1,4-Dichlorobenzene	B1699-167	0.77	0.77	ppb	U
95-50-1	1,2-Dichlorobenzene	B1699-167	0.85	0.85	ppb	U
105-05-5	p-Diethylbenzene	B1699-167	1.23	1.23	ppb	U
104-51-8	n-Butylbenzene	B1699-167	1.42	1.42	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	B1699-167	1.45	1.45	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	B1699-167	2.87	2.87	ppb	U
120-82-1	1,2,4-Trichlorobenzene	B1699-167	1.88	1.88	ppb	U

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Phone - 631-249-1456 Fax - 631-249-8344

03/09/2005

Volatiles - EPA 8260B

Sample: 0503133-1
Client Sample ID: SB-01
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 03/08/2005

Type: Grab

Collected: 03/04/2005 10:30
% Solid: 91.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
87-68-3	Hexachlorobutadiene	B1699-167	0.70	0.70	ppb	U
91-20-3	Naphthalene	B1699-167	2.10	2.10	ppb	U
87-61-6	1,2,3-Trichlorobenzene	B1699-167	1.80	1.80	ppb	U
994-05-8	TAME	B1699-167	1.03	1.03	ppb	U
75-65-0	Tertiary butyl alcohol	B1699-167	25.2	25.2	ppb	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B1699-167	95.7 %	(74 - 121)	
4774-33-8	DIBROMOFLUOROMETHANE	B1699-167	96.9 %	(80 - 120)	
2037-26-5	TOLUENE-D8	B1699-167	100.0 %	(81 - 117)	

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03/09/2005

Volatiles - EPA 8260B

Sample: 0503133-2
Client Sample ID: SB-02
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 03/08/2005

Type: Grab

Collected: 03/04/2005 11:30
% Solid: 88.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
75-71-8	Dichlorodifluoromethane	B1699-168	0.61	0.61	ppb	U
75-45-6	Chlorodifluoromethane	B1699-168	1.11	1.11	ppb	U
74-87-3	Chloromethane	B1699-168	1.88	1.88	ppb	U
75-01-4	Vinyl Chloride	B1699-168	1.11	1.11	ppb	U
74-83-9	Bromomethane	B1699-168	0.70	0.70	ppb	U
75-00-3	Chloroethane	B1699-168	1.04	1.04	ppb	U
75-69-4	Trichlorofluoromethane	B1699-168	0.95	0.95	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B1699-168	0.82	0.82	ppb	U
75-35-4	1,1-Dichloroethene	B1699-168	1.32	1.32	ppb	U
67-64-1	Acetone	B1699-168	12.4	12.4	ppb	U
75-15-0	Carbon disulfide	B1699-168	0.89	0.89	ppb	U
75-09-2	Methylene Chloride	B1699-168	1.18	1.18	ppb	U
156-60-5	t-1,2-Dichloroethene	B1699-168	1.16	1.16	ppb	U
1634-04-4	Methyl t-butyl ether	B1699-168	1.88	1.88	ppb	U
75-34-3	1,1-Dichloroethane	B1699-168	0.93	0.93	ppb	U
590-20-7	2,2-Dichloropropane	B1699-168	0.77	0.77	ppb	U
156-59-2	c-1,2-Dichloroethene	B1699-168	1.23	1.23	ppb	U
78-93-3	2-Butanone	B1699-168	10.8	10.8	ppb	U
74-97-5	Bromochloromethane	B1699-168	1.29	1.29	ppb	U
67-66-3	Chloroform	B1699-168	0.82	0.82	ppb	U
71-55-6	1,1,1-Trichloroethane	B1699-168	1.09	1.09	ppb	U
56-23-5	Carbon Tetrachloride	B1699-168	1.25	1.25	ppb	U
563-58-6	1,1-Dichloropropene	B1699-168	1.16	1.16	ppb	U
71-43-2	Benzene	B1699-168	1.11	1.11	ppb	U
107-06-2	1,2-Dichloroethane	B1699-168	1.02	1.02	ppb	U
79-01-6	Trichloroethene	B1699-168	1.07	1.07	ppb	U
78-87-5	1,2-Dichloropropane	B1699-168	0.89	0.89	ppb	U
74-95-3	Dibromomethane	B1699-168	1.52	1.52	ppb	U
75-27-4	Bromodichloromethane	B1699-168	0.93	0.93	ppb	U
110-75-8	2-Chloroethylvinylether	B1699-168	4.90	4.90	ppb	U
10061-01-5	c-1,3-Dichloropropene	B1699-168	1.00	1.00	ppb	U
108-10-1	4-Methyl-2-pentanone	B1699-168	10.5	10.5	ppb	U
108-88-3	Toluene	B1699-168	1.07	1.07	ppb	U
10061-02-6	t-1,3-Dichloropropene	B1699-168	0.95	0.95	ppb	U

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Phone - 631-249-1456 Fax - 631-249-8344

03/09/2005

Volatiles - EPA 8260B

Sample: 0503133-2
Client Sample ID: SB-02
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 03/08/2005

Type: Grab

Collected: 03/04/2005 11:30
% Solid: 88.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
79-00-5	1,1,2-Trichloroethane	B1699-168	0.98	0.98	ppb	U
127-18-4	Tetrachloroethene	B1699-168	2.02	2.02	ppb	U
142-28-9	1,3-Dichloropropane	B1699-168	1.38	1.38	ppb	U
591-78-6	2-Hexanone	B1699-168	10.1	10.1	ppb	U
124-48-1	Dibromochloromethane	B1699-168	1.20	1.20	ppb	U
106-93-4	1,2-Dibromoethane	B1699-168	0.98	0.98	ppb	U
108-90-7	Chlorobenzene	B1699-168	0.95	0.95	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	B1699-168	1.00	1.00	ppb	U
100-41-4	Ethylbenzene	B1699-168	0.54	0.54	ppb	U
108-38-3	m,p-xylene	B1699-168	1.88	1.88	ppb	U
95-47-6	o-xylene	B1699-168	0.95	0.95	ppb	U
100-42-5	Styrene	B1699-168	0.98	0.98	ppb	U
75-25-2	Bromoform	B1699-168	1.57	1.57	ppb	U
98-82-8	Isopropylbenzene	B1699-168	0.77	0.77	ppb	U
108-86-1	Bromobenzene	B1699-168	0.54	0.54	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	B1699-168	1.41	1.41	ppb	U
103-65-1	n-Propylbenzene	B1699-168	0.77	0.77	ppb	U
96-18-4	1,2,3-Trichloropropane	B1699-168	3.04	3.04	ppb	U
622-96-8	p-Ethyltoluene	B1699-168	0.64	0.64	ppb	U
108-67-8	1,3,5-Trimethylbenzene	B1699-168	1.29	1.29	ppb	U
95-49-8	2-Chlorotoluene	B1699-168	0.77	0.77	ppb	U
106-43-4	4-Chlorotoluene	B1699-168	0.79	0.79	ppb	U
98-06-6	tert-Butylbenzene	B1699-168	0.64	0.64	ppb	U
95-63-6	1,2,4-Trimethylbenzene	B1699-168	1.43	1.43	ppb	U
135-98-8	sec-Butylbenzene	B1699-168	0.73	0.73	ppb	U
99-87-6	4-Isopropyltoluene	B1699-168	0.93	0.93	ppb	U
541-73-1	1,3-Dichlorobenzene	B1699-168	0.79	0.79	ppb	U
106-46-7	1,4-Dichlorobenzene	B1699-168	0.79	0.79	ppb	U
95-50-1	1,2-Dichlorobenzene	B1699-168	0.89	0.89	ppb	U
105-05-5	p-Diethylbenzene	B1699-168	1.27	1.27	ppb	U
104-51-8	n-Butylbenzene	B1699-168	1.48	1.48	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	B1699-168	1.50	1.50	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	B1699-168	2.97	2.97	ppb	U
120-82-1	1,2,4-Trichlorobenzene	B1699-168	1.95	1.95	ppb	U

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

03/09/2005

Volatiles - EPA 8260B

Sample: 0503133-2
Client Sample ID: SB-02
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 03/08/2005

Type: Grab

Collected: 03/04/2005 11:30
% Solid: 88.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
87-68-3	Hexachlorobutadiene	B1699-168	0.73	0.73	ppb	U
91-20-3	Naphthalene	B1699-168	2.18	2.18	ppb	U
87-61-6	1,2,3-Trichlorobenzene	B1699-168	1.86	1.86	ppb	U
994-05-8	TAME	B1699-168	1.07	1.07	ppb	U
75-65-0	Tertiary butyl alcohol	B1699-168	26.1	26.1	ppb	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B1699-168	97.0 %	(74 - 121)	
4774-33-8	DIBROMOFLUOROMETHANE	B1699-168	98.7 %	(80 - 120)	
2037-26-5	TOLUENE-D8	B1699-168	102.0 %	(81 - 117)	

EOB Route 109, Farmingdale NY 11735
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Case Narrative

EPA 8260 VOLATILE ANALYSIS:

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:
Acetone
2-Butanone
4-Methyl-2-pentanone
2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and 300 ppb levels.
Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

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03/09/2005

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

J - Indicates an estimated value. The concentration reported was detected below the Method Detection Limit (MDL).

Y - The concentration reported was detected below the lowest calibration standard concentration.

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
P - ICP
T - Titrimetric

OTHER QUALIFIERS

ND - Not Detected

NA - Not Applicable

NR - Not Required

* - Outside Expected Range (NYCDEP Table I/II or Surrogate Limits)

x - Outside Expected Range

CHAIN OF CUSTODY DOCUMENT

ETL
Environmental Testing Laboratories, Inc.
208 Route 109 • Farmingdale • New York 11735
631-249-1456 • Fax: 631-249-8344

$ 624

Project Name: | Project Manager: | Sampler (Signature): (Print):

Project Address:

Client | J/N: | ☐ Rush by

SAMPLE INFO Type: SS = Split Spoon; G = Grab; C = Composite; B = Blank; Matrix: L = Liquid; S = Soil; SL = Sludge; A* = Air; W = Wipe; *Air - Vol. (Liters) include: Flow (CFM)

ID	Date	Time	Type	Matrix	Sample Location	Total. # Cont.	601/602	BTX/BTEX	MTBE	624/8260/8021	625/8270/BN	PCB/Pesticides	Pet.Prods./8100M	RCRA Metals	pH/Flash/React	418.1 - TRPH
1										X						
2										X						
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																

Relinquished by **(Signature)**:	Date / Time	Printed Name & Agent:	Received by **(Signature)**:	Date / Time	Printed Name & Agent
Relinquished by **(Signature)**:	Date / Time	Printed Name & Agent:	Received for Lab by **(Signature)**:	Date / Time	Printed Name
Comments & Special Instructions		QA/QC Type:	Number & Type of Containers:	Preservatives:	Temp:

APPENDIX B

LABORATORY REPORTS

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

07/20/2005

Laboratory Identifier: 0507178
Received: 07/11/2005 16:39
Sampled by: Stven Walls

Client: Advanced Cleanup Technologies
115 Rome Streeet
Farmingdale,
NY 11735

Project: 4071-BHNY

Manager: Caroline Cadalso

Respectfully submitted,

Patricia Werner-Els

Quality Assurance Officer

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
MA Cert. # NY061
PA Cert. # 68-535
NH Cert. # 252592-BA
RI Cert. # 161

Environmental Testing Laboratories, Inc.
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Phone - 631-249-1456 Fax - 631-249-8344

07/20/2005

Volatiles - EPA 8260B

Sample: 0507178-1
Client Sample ID: SB-01A (0-2')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 07/12/2005

Type: Grab

Collected: 07/08/2005
% Solid: 89.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
75-71-8	Dichlorodifluoromethane	B1817-2311	0.60	0.60	ppb	U
75-45-6	Chlorodifluoromethane	B1817-2311	1.09	1.09	ppb	U
74-87-3	Chloromethane	B1817-2311	1.84	1.84	ppb	U
75-01-4	Vinyl Chloride	B1817-2311	1.09	1.09	ppb	U
74-83-9	Bromomethane	B1817-2311	0.69	0.69	ppb	U
75-00-3	Chloroethane	B1817-2311	1.02	1.02	ppb	U
75-69-4	Trichlorofluoromethane	B1817-2311	0.93	0.93	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B1817-2311	0.80	0.80	ppb	U
75-35-4	1,1-Dichloroethene	B1817-2311	1.29	1.29	ppb	U
67-64-1	Acetone	B1817-2311	12.1	12.1	ppb	U
75-15-0	Carbon disulfide	B1817-2311	0.87	0.87	ppb	U
75-09-2	Methylene Chloride	B1817-2311	1.15	1.15	ppb	U
156-60-5	t-1,2-Dichloroethene	B1817-2311	1.13	1.13	ppb	U
1634-04-4	Methyl t-butyl ether	B1817-2311	1.84	1.84	ppb	U
75-34-3	1,1-Dichloroethane	B1817-2311	0.91	0.91	ppb	U
590-20-7	2,2-Dichloropropane	B1817-2311	0.75	0.75	ppb	U
156-59-2	c-1,2-Dichloroethene	B1817-2311	1.20	1.20	ppb	U
78-93-3	2-Butanone	B1817-2311	10.6	10.6	ppb	U
74-97-5	Bromochloromethane	B1817-2311	1.27	1.27	ppb	U
67-66-3	Chloroform	B1817-2311	0.80	0.80	ppb	U
71-55-6	1,1,1-Trichloroethane	B1817-2311	1.07	1.07	ppb	U
56-23-5	Carbon Tetrachloride	B1817-2311	1.22	1.22	ppb	U
563-58-6	1,1-Dichloropropene	B1817-2311	1.13	1.13	ppb	U
71-43-2	Benzene	B1817-2311	1.09	1.09	ppb	U
107-06-2	1,2-Dichloroethane	B1817-2311	1.00	1.00	ppb	U
79-01-6	Trichloroethene	B1817-2311	1.04	1.04	ppb	U
78-87-5	1,2-Dichloropropane	B1817-2311	0.87	0.87	ppb	U
74-95-3	Dibromomethane	B1817-2311	1.49	1.49	ppb	U
75-27-4	Bromodichloromethane	B1817-2311	0.91	0.91	ppb	U
110-75-8	2-Chloroethylvinylether	B1817-2311	4.80	4.80	ppb	U
10061-01-5	c-1,3-Dichloropropene	B1817-2311	0.98	0.98	ppb	U
108-10-1	4-Methyl-2-pentanone	B1817-2311	10.3	10.3	ppb	U
108-88-3	Toluene	B1817-2311	1.04	1.04	ppb	U
10061-02-6	t-1,3-Dichloropropene	B1817-2311	0.93	0.93	ppb	U

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07/20/2005

Volatiles - EPA 8260B

Sample: 0507178-1
Client Sample ID: SB-01A (0-2')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 07/12/2005

Type: Grab

Collected: 07/08/2005
% Solid: 89.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
79-00-5	1,1,2-Trichloroethane	B1817-2311	0.95	0.95	ppb	U
127-18-4	Tetrachloroethene	B1817-2311	1.98	1.98	ppb	U
142-28-9	1,3-Dichloropropane	B1817-2311	1.35	1.35	ppb	U
591-78-6	2-Hexanone	B1817-2311	9.90	9.90	ppb	U
124-48-1	Dibromochloromethane	B1817-2311	1.18	1.18	ppb	U
106-93-4	1,2-Dibromoethane	B1817-2311	0.95	0.95	ppb	U
108-90-7	Chlorobenzene	B1817-2311	0.93	0.93	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	B1817-2311	0.98	0.98	ppb	U
100-41-4	Ethylbenzene	B1817-2311	0.53	0.53	ppb	U
108-38-3	m,p-xylene	B1817-2311	1.84	1.84	ppb	U
95-47-6	o-xylene	B1817-2311	0.93	0.93	ppb	U
100-42-5	Styrene	B1817-2311	0.95	0.95	ppb	U
75-25-2	Bromoform	B1817-2311	1.53	1.53	ppb	U
98-82-8	Isopropylbenzene	B1817-2311	0.75	0.75	ppb	U
108-86-1	Bromobenzene	B1817-2311	0.53	0.53	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	B1817-2311	1.38	1.38	ppb	U
103-65-1	n-Propylbenzene	B1817-2311	0.75	0.75	ppb	U
96-18-4	1,2,3-Trichloropropane	B1817-2311	2.97	2.97	ppb	U
622-96-8	p-Ethyltoluene	B1817-2311	0.62	0.62	ppb	U
108-67-8	1,3,5-Trimethylbenzene	B1817-2311	1.27	1.27	ppb	U
95-49-8	2-Chlorotoluene	B1817-2311	0.75	0.75	ppb	U
106-43-4	4-Chlorotoluene	B1817-2311	0.78	0.78	ppb	U
98-06-6	tert-Butylbenzene	B1817-2311	0.62	0.62	ppb	U
95-63-6	1,2,4-Trimethylbenzene	B1817-2311	1.40	1.40	ppb	U
135-98-8	sec-Butylbenzene	B1817-2311	0.71	0.71	ppb	U
99-87-6	4-Isopropyltoluene	B1817-2311	0.91	0.91	ppb	U
541-73-1	1,3-Dichlorobenzene	B1817-2311	0.78	0.78	ppb	U
106-46-7	1,4-Dichlorobenzene	B1817-2311	0.78	0.78	ppb	U
95-50-1	1,2-Dichlorobenzene	B1817-2311	0.87	0.87	ppb	U
105-05-5	p-Diethylbenzene	B1817-2311	1.24	1.24	ppb	U
104-51-8	n-Butylbenzene	B1817-2311	1.44	1.44	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	B1817-2311	1.47	1.47	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	B1817-2311	2.91	2.91	ppb	U
120-82-1	1,2,4-Trichlorobenzene	B1817-2311	1.91	1.91	ppb	U

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07/20/2005

Volatiles - EPA 8260B

Sample: 0507178-1
Client Sample ID: SB-01A (0-2')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 07/12/2005

Type: Grab

Collected: 07/08/2005
% Solid: 89.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
87-68-3	Hexachlorobutadiene	B1817-2311	0.71	0.71	ppb	U
91-20-3	Naphthalene	B1817-2311	2.13	2.13	ppb	U
87-61-6	1,2,3-Trichlorobenzene	B1817-2311	1.82	1.82	ppb	U
994-05-8	TAME	B1817-2311	1.04	1.04	ppb	U
75-65-0	Tertiary butyl alcohol	B1817-2311	25.5	25.5	ppb	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B1817-2311	102.0 %	(74 - 121)	
4774-33-8	DIBROMOFLUOROMETHANE	B1817-2311	101.0 %	(80 - 120)	
2037-26-5	TOLUENE-D8	B1817-2311	104.0 %	(81 - 117)	

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07/20/2005

Volatiles - EPA 8260B

Sample: 0507178-2
Client Sample ID: SB-01A (8-10')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 07/12/2005

Type: Grab

Collected: 07/08/2005
% Solid: 91.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
75-71-8	Dichlorodifluoromethane	B1817-2312	0.59	0.59	ppb	U
75-45-6	Chlorodifluoromethane	B1817-2312	1.07	1.07	ppb	U
74-87-3	Chloromethane	B1817-2312	1.82	1.82	ppb	U
75-01-4	Vinyl Chloride	B1817-2312	1.07	1.07	ppb	U
74-83-9	Bromomethane	B1817-2312	0.68	0.68	ppb	U
75-00-3	Chloroethane	B1817-2312	1.01	1.01	ppb	U
75-69-4	Trichlorofluoromethane	B1817-2312	0.92	0.92	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B1817-2312	0.79	0.79	ppb	U
75-35-4	1,1-Dichloroethene	B1817-2312	1.27	1.27	ppb	U
67-64-1	Acetone	B1817-2312	11.9	11.9	ppb	U
75-15-0	Carbon disulfide	B1817-2312	0.85	0.85	ppb	U
75-09-2	Methylene Chloride	B1817-2312	1.14	1.14	ppb	U
156-60-5	t-1,2-Dichloroethene	B1817-2312	1.12	1.12	ppb	U
1634-04-4	Methyl t-butyl ether	B1817-2312	1.82	1.82	ppb	U
75-34-3	1,1-Dichloroethane	B1817-2312	0.90	0.90	ppb	U
590-20-7	2,2-Dichloropropane	B1817-2312	0.74	0.74	ppb	U
156-59-2	c-1,2-Dichloroethene	B1817-2312	1.18	1.18	ppb	U
78-93-3	2-Butanone	B1817-2312	10.4	10.4	ppb	U
74-97-5	Bromochloromethane	B1817-2312	1.25	1.25	ppb	U
67-66-3	Chloroform	B1817-2312	0.79	0.79	ppb	U
71-55-6	1,1,1-Trichloroethane	B1817-2312	1.05	1.05	ppb	U
56-23-5	Carbon Tetrachloride	B1817-2312	1.20	1.20	ppb	U
563-58-6	1,1-Dichloropropene	B1817-2312	1.12	1.12	ppb	U
71-43-2	Benzene	B1817-2312	1.07	1.07	ppb	U
107-06-2	1,2-Dichloroethane	B1817-2312	0.99	0.99	ppb	U
79-01-6	Trichloroethene	B1817-2312	1.03	1.03	ppb	U
78-87-5	1,2-Dichloropropane	B1817-2312	0.85	0.85	ppb	U
74-95-3	Dibromomethane	B1817-2312	1.47	1.47	ppb	U
75-27-4	Bromodichloromethane	B1817-2312	0.90	0.90	ppb	U
110-75-8	2-Chloroethylvinylether	B1817-2312	4.73	4.73	ppb	U
10061-01-5	c-1,3-Dichloropropene	B1817-2312	0.96	0.96	ppb	U
108-10-1	4-Methyl-2-pentanone	B1817-2312	10.1	10.1	ppb	U
108-88-3	Toluene	B1817-2312	1.03	1.03	ppb	U
10061-02-6	t-1,3-Dichloropropene	B1817-2312	0.92	0.92	ppb	U

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Phone - 631-249-1456 Fax - 631-249-8344

07/20/2005

Volatiles - EPA 8260B

Sample: 0507178-2
Client Sample ID: SB-01A (8-10')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 07/12/2005

Type: Grab

Collected: 07/08/2005
% Solid: 91.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
79-00-5	1,1,2-Trichloroethane	B1817-2312	0.94	0.94	ppb	U
127-18-4	Tetrachloroethene	B1817-2312	1.95	1.95	ppb	U
142-28-9	1,3-Dichloropropane	B1817-2312	1.34	1.34	ppb	U
591-78-6	2-Hexanone	B1817-2312	9.77	9.77	ppb	U
124-48-1	Dibromochloromethane	B1817-2312	1.16	1.16	ppb	U
106-93-4	1,2-Dibromoethane	B1817-2312	0.94	0.94	ppb	U
108-90-7	Chlorobenzene	B1817-2312	0.92	0.92	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	B1817-2312	0.96	0.96	ppb	U
100-41-4	Ethylbenzene	B1817-2312	0.53	0.53	ppb	U
108-38-3	m,p-xylene	B1817-2312	1.82	1.82	ppb	U
95-47-6	o-xylene	B1817-2312	0.92	0.92	ppb	U
100-42-5	Styrene	B1817-2312	0.94	0.94	ppb	U
75-25-2	Bromoform	B1817-2312	1.51	1.51	ppb	U
98-82-8	Isopropylbenzene	B1817-2312	0.74	0.74	ppb	U
108-86-1	Bromobenzene	B1817-2312	0.53	0.53	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	B1817-2312	1.36	1.36	ppb	U
103-65-1	n-Propylbenzene	B1817-2312	0.74	0.74	ppb	U
96-18-4	1,2,3-Trichloropropane	B1817-2312	2.93	2.93	ppb	U
622-96-8	p-Ethyltoluene	B1817-2312	0.61	0.61	ppb	U
108-67-8	1,3,5-Trimethylbenzene	B1817-2312	1.25	1.25	ppb	U
95-49-8	2-Chlorotoluene	B1817-2312	0.74	0.74	ppb	U
106-43-4	4-Chlorotoluene	B1817-2312	0.77	0.77	ppb	U
98-06-6	tert-Butylbenzene	B1817-2312	0.61	0.61	ppb	U
95-63-6	1,2,4-Trimethylbenzene	B1817-2312	1.38	1.38	ppb	U
135-98-8	sec-Butylbenzene	B1817-2312	0.70	0.70	ppb	U
99-87-6	4-Isopropyltoluene	B1817-2312	0.90	0.90	ppb	U
541-73-1	1,3-Dichlorobenzene	B1817-2312	0.77	0.77	ppb	U
106-46-7	1,4-Dichlorobenzene	B1817-2312	0.77	0.77	ppb	U
95-50-1	1,2-Dichlorobenzene	B1817-2312	0.85	0.85	ppb	U
105-05-5	p-Diethylbenzene	B1817-2312	1.23	1.23	ppb	U
104-51-8	n-Butylbenzene	B1817-2312	1.42	1.42	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	B1817-2312	1.45	1.45	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	B1817-2312	2.87	2.87	ppb	U
120-82-1	1,2,4-Trichlorobenzene	B1817-2312	1.88	1.88	ppb	U

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

07/20/2005

Volatiles - EPA 8260B

Sample: 0507178-2
Client Sample ID: SB-01A (8-10')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 07/12/2005

Type: Grab

Collected: 07/08/2005
% Solid: 91.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
87-68-3	Hexachlorobutadiene	B1817-2312	0.70	0.70	ppb	U
91-20-3	Naphthalene	B1817-2312	2.10	2.10	ppb	U
87-61-6	1,2,3-Trichlorobenzene	B1817-2312	1.80	1.80	ppb	U
994-05-8	TAME	B1817-2312	1.03	1.03	ppb	U
75-65-0	Tertiary butyl alcohol	B1817-2312	25.2	25.2	ppb	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B1817-2312	100.0 %	(74 - 121)	
4774-33-8	DIBROMOFLUOROMETHANE	B1817-2312	101.0 %	(80 - 120)	
2037-26-5	TOLUENE-D8	B1817-2312	104.0 %	(81 - 117)	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

07/20/2005

Volatiles - EPA 8260B

Sample: 0507178-3
Client Sample ID: SB-01A (0-10')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 07/12/2005

Type: Grab

Collected: 07/08/2005
% Solid: 90.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
75-71-8	Dichlorodifluoromethane	B1817-2313	0.60	0.60	ppb	U
75-45-6	Chlorodifluoromethane	B1817-2313	1.08	1.08	ppb	U
74-87-3	Chloromethane	B1817-2313	1.83	1.83	ppb	U
75-01-4	Vinyl Chloride	B1817-2313	1.08	1.08	ppb	U
74-83-9	Bromomethane	B1817-2313	0.69	0.69	ppb	U
75-00-3	Chloroethane	B1817-2313	1.02	1.02	ppb	U
75-69-4	Trichlorofluoromethane	B1817-2313	0.93	0.93	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B1817-2313	0.80	0.80	ppb	U
75-35-4	1,1-Dichloroethene	B1817-2313	1.28	1.28	ppb	U
67-64-1	Acetone	B1817-2313	12.0	12.0	ppb	U
75-15-0	Carbon disulfide	B1817-2313	0.86	0.86	ppb	U
75-09-2	Methylene Chloride	B1817-2313	1.15	1.15	ppb	U
156-60-5	t-1,2-Dichloroethene	B1817-2313	1.13	1.13	ppb	U
1634-04-4	Methyl t-butyl ether	B1817-2313	1.83	1.83	ppb	U
75-34-3	1,1-Dichloroethane	B1817-2313	0.91	0.91	ppb	U
590-20-7	2,2-Dichloropropane	B1817-2313	0.75	0.75	ppb	U
156-59-2	c-1,2-Dichloroethene	B1817-2313	1.19	1.19	ppb	U
78-93-3	2-Butanone	B1817-2313	10.5	10.5	ppb	U
74-97-5	Bromochloromethane	B1817-2313	1.26	1.26	ppb	U
67-66-3	Chloroform	B1817-2313	0.80	0.80	ppb	U
71-55-6	1,1,1-Trichloroethane	B1817-2313	1.06	1.06	ppb	U
56-23-5	Carbon Tetrachloride	B1817-2313	1.22	1.22	ppb	U
563-58-6	1,1-Dichloropropene	B1817-2313	1.13	1.13	ppb	U
71-43-2	Benzene	B1817-2313	1.08	1.08	ppb	U
107-06-2	1,2-Dichloroethane	B1817-2313	0.99	0.99	ppb	U
79-01-6	Trichloroethene	B1817-2313	1.04	1.04	ppb	U
78-87-5	1,2-Dichloropropane	B1817-2313	0.86	0.86	ppb	U
74-95-3	Dibromomethane	B1817-2313	1.48	1.48	ppb	U
75-27-4	Bromodichloromethane	B1817-2313	0.91	0.91	ppb	U
110-75-8	2-Chloroethylvinylether	B1817-2313	4.77	4.77	ppb	U
10061-01-5	c-1,3-Dichloropropene	B1817-2313	0.97	0.97	ppb	U
108-10-1	4-Methyl-2-pentanone	B1817-2313	10.2	10.2	ppb	U
108-88-3	Toluene	B1817-2313	1.04	1.04	ppb	U
10061-02-6	t-1,3-Dichloropropene	B1817-2313	0.93	0.93	ppb	U

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07/20/2005

Volatiles - EPA 8260B

Sample: 0507178-3
Client Sample ID: SB-01A (0-10')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 07/12/2005

Type: Grab

Collected: 07/08/2005
% Solid: 90.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
79-00-5	1,1,2-Trichloroethane	B1817-2313	0.95	0.95	ppb	U
127-18-4	Tetrachloroethene	B1817-2313	1.97	1.97	ppb	U
142-28-9	1,3-Dichloropropane	B1817-2313	1.35	1.35	ppb	U
591-78-6	2-Hexanone	B1817-2313	9.86	9.86	ppb	U
124-48-1	Dibromochloromethane	B1817-2313	1.17	1.17	ppb	U
106-93-4	1,2-Dibromoethane	B1817-2313	0.95	0.95	ppb	U
108-90-7	Chlorobenzene	B1817-2313	0.93	0.93	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	B1817-2313	0.97	0.97	ppb	U
100-41-4	Ethylbenzene	B1817-2313	0.53	0.53	ppb	U
108-38-3	m,p-xylene	B1817-2313	1.83	1.83	ppb	U
95-47-6	o-xylene	B1817-2313	0.93	0.93	ppb	U
100-42-5	Styrene	B1817-2313	0.95	0.95	ppb	U
75-25-2	Bromoform	B1817-2313	1.52	1.52	ppb	U
98-82-8	Isopropylbenzene	B1817-2313	0.75	0.75	ppb	U
108-86-1	Bromobenzene	B1817-2313	0.53	0.53	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	B1817-2313	1.37	1.37	ppb	U
103-65-1	n-Propylbenzene	B1817-2313	0.75	0.75	ppb	U
96-18-4	1,2,3-Trichloropropane	B1817-2313	2.96	2.96	ppb	U
622-96-8	p-Ethyltoluene	B1817-2313	0.62	0.62	ppb	U
108-67-8	1,3,5-Trimethylbenzene	B1817-2313	1.26	1.26	ppb	U
95-49-8	2-Chlorotoluene	B1817-2313	0.75	0.75	ppb	U
106-43-4	4-Chlorotoluene	B1817-2313	0.77	0.77	ppb	U
98-06-6	tert-Butylbenzene	B1817-2313	0.62	0.62	ppb	U
95-63-6	1,2,4-Trimethylbenzene	B1817-2313	1.39	1.39	ppb	U
135-98-8	sec-Butylbenzene	B1817-2313	0.71	0.71	ppb	U
99-87-6	4-Isopropyltoluene	B1817-2313	0.91	0.91	ppb	U
541-73-1	1,3-Dichlorobenzene	B1817-2313	0.77	0.77	ppb	U
106-46-7	1,4-Dichlorobenzene	B1817-2313	0.77	0.77	ppb	U
95-50-1	1,2-Dichlorobenzene	B1817-2313	0.86	0.86	ppb	U
105-05-5	p-Diethylbenzene	B1817-2313	1.24	1.24	ppb	U
104-51-8	n-Butylbenzene	B1817-2313	1.44	1.44	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	B1817-2313	1.46	1.46	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	B1817-2313	2.90	2.90	ppb	U
120-82-1	1,2,4-Trichlorobenzene	B1817-2313	1.90	1.90	ppb	U

Environmental Testing Laboratories, Inc.

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07/20/2005

Volatiles - EPA 8260B

Sample: 0507178-3
Client Sample ID: SB-01A (0-10')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 07/12/2005

Type: Grab

Collected: 07/08/2005
% Solid: 90.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
87-68-3	Hexachlorobutadiene	B1817-2313	0.71	0.71	ppb	U
91-20-3	Naphthalene	B1817-2313	2.12	2.12	ppb	U
87-61-6	1,2,3-Trichlorobenzene	B1817-2313	1.81	1.81	ppb	U
994-05-8	TAME	B1817-2313	1.04	1.04	ppb	U
75-65-0	Tertiary butyl alcohol	B1817-2313	25.4	25.4	ppb	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B1817-2313	100.0 %	(74 - 121)	
4774-33-8	DIBROMOFLUOROMETHANE	B1817-2313	103.0 %	(80 - 120)	
2037-26-5	TOLUENE-D8	B1817-2313	103.0 %	(81 - 117)	

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07/20/2005

Volatiles - EPA 8260B

Sample: 0507178-4
Client Sample ID: SB-01A
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 07/12/2005

Type: Grab

Collected: 07/08/2005

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	A1836-9072	0.36	0.36	ppb	U
75-45-6	Chlorodifluoromethane	A1836-9072	0.43	0.43	ppb	U
74-87-3	Chloromethane	A1836-9072	0.57	0.57	ppb	U
75-01-4	Vinyl Chloride	A1836-9072	0.38	0.38	ppb	U
74-83-9	Bromomethane	A1836-9072	0.56	0.56	ppb	U
75-00-3	Chloroethane	A1836-9072	0.55	0.55	ppb	U
75-69-4	Trichlorofluoromethane	A1836-9072	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A1836-9072	1.06	1.06	ppb	U
75-35-4	1,1-Dichloroethene	A1836-9072	0.44	0.44	ppb	U
67-64-1	Acetone	A1836-9077	39.5	**3210**	ppb	
75-15-0	Carbon disulfide	A1836-9072	0.45	0.45	ppb	U
75-09-2	Methylene Chloride	A1836-9072	0.19	0.19	ppb	U
156-60-5	t-1,2-Dichloroethene	A1836-9072	0.40	0.40	ppb	U
1634-04-4	Methyl t-butyl ether	A1836-9072	0.41	0.41	ppb	U
75-34-3	1,1-Dichloroethane	A1836-9072	0.32	0.32	ppb	U
590-20-7	2,2-Dichloropropane	A1836-9072	0.66	0.66	ppb	U
156-59-2	c-1,2-Dichloroethene	A1836-9072	0.40	**5.37**	ppb	
78-93-3	2-Butanone	A1836-9072	0.87	0.87	ppb	U
74-97-5	Bromochloromethane	A1836-9072	0.35	0.35	ppb	U
67-66-3	Chloroform	A1836-9072	0.33	**4.44**	ppb	Y
71-55-6	1,1,1-Trichloroethane	A1836-9072	0.40	0.40	ppb	U
56-23-5	Carbon Tetrachloride	A1836-9072	0.34	0.34	ppb	U
563-58-6	1,1-Dichloropropene	A1836-9072	0.31	0.31	ppb	U
71-43-2	Benzene	A1836-9072	0.38	0.38	ppb	U
107-06-2	1,2-Dichloroethane	A1836-9072	0.20	0.20	ppb	U
79-01-6	Trichloroethene	A1836-9072	0.40	**1.20**	ppb	Y
78-87-5	1,2-Dichloropropane	A1836-9072	0.28	0.28	ppb	U
74-95-3	Dibromomethane	A1836-9072	0.24	0.24	ppb	U
75-27-4	Bromodichloromethane	A1836-9072	0.23	0.23	ppb	U
110-75-8	2-Chloroethylvinylether	A1836-9072	0.27	0.27	ppb	U
10061-01-5	c-1,3-Dichloropropene	A1836-9072	0.32	0.32	ppb	U
108-10-1	4-Methyl-2-pentanone	A1836-9072	0.74	0.74	ppb	U
108-88-3	Toluene	A1836-9072	0.36	0.36	ppb	U
10061-02-6	t-1,3-Dichloropropene	A1836-9072	0.30	0.30	ppb	U

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07/20/2005

Volatiles - EPA 8260B

Sample: 0507178-4
Client Sample ID: SB-01A
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 07/12/2005

Type: Grab

Collected: 07/08/2005

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
79-00-5	1,1,2-Trichloroethane	A1836-9072	0.28	0.28	ppb	U
127-18-4	Tetrachloroethene	A1836-9077	16.0	**285**	ppb	
142-28-9	1,3-Dichloropropane	A1836-9072	0.26	0.26	ppb	U
591-78-6	2-Hexanone	A1836-9072	0.95	0.95	ppb	U
124-48-1	Dibromochloromethane	A1836-9072	0.26	0.26	ppb	U
106-93-4	1,2-Dibromoethane	A1836-9072	0.30	0.30	ppb	U
108-90-7	Chlorobenzene	A1836-9072	0.32	0.32	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	A1836-9072	0.31	0.31	ppb	U
100-41-4	Ethylbenzene	A1836-9072	0.30	0.30	ppb	U
108-38-3	m,p-xylene	A1836-9072	0.62	0.62	ppb	U
95-47-6	o-xylene	A1836-9072	0.30	0.30	ppb	U
100-42-5	Styrene	A1836-9072	0.35	0.35	ppb	U
75-25-2	Bromoform	A1836-9072	0.22	0.22	ppb	U
98-82-8	Isopropylbenzene	A1836-9072	0.29	0.29	ppb	U
108-86-1	Bromobenzene	A1836-9072	0.32	0.32	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	A1836-9072	0.21	0.21	ppb	U
103-65-1	n-Propylbenzene	A1836-9072	0.32	0.32	ppb	U
96-18-4	1,2,3-Trichloropropane	A1836-9072	0.42	0.42	ppb	U
622-96-8	p-Ethyltoluene	A1836-9072	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	A1836-9072	0.42	0.42	ppb	U
95-49-8	2-Chlorotoluene	A1836-9072	0.41	0.41	ppb	U
106-43-4	4-Chlorotoluene	A1836-9072	0.34	0.34	ppb	U
98-06-6	tert-Butylbenzene	A1836-9072	0.32	0.32	ppb	U
95-63-6	1,2,4-Trimethylbenzene	A1836-9072	0.29	0.29	ppb	U
135-98-8	sec-Butylbenzene	A1836-9072	0.34	0.34	ppb	U
99-87-6	4-Isopropyltoluene	A1836-9072	0.24	0.24	ppb	U
541-73-1	1,3-Dichlorobenzene	A1836-9072	0.25	0.25	ppb	U
106-46-7	1,4-Dichlorobenzene	A1836-9072	0.30	0.30	ppb	U
95-50-1	1,2-Dichlorobenzene	A1836-9072	0.28	0.28	ppb	U
105-05-5	p-Diethylbenzene	A1836-9072	0.31	0.31	ppb	U
104-51-8	n-Butylbenzene	A1836-9072	0.29	0.29	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	A1836-9072	0.34	0.34	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	A1836-9072	0.42	0.42	ppb	U
120-82-1	1,2,4-Trichlorobenzene	A1836-9072	0.36	0.36	ppb	U

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07/20/2005

Volatiles - EPA 8260B

Sample: 0507178-4
Client Sample ID: SB-01A
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 07/12/2005

Type: Grab

Collected: 07/08/2005

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
87-68-3	Hexachlorobutadiene	A1836-9072	0.94	0.94	ppb	U
91-20-3	Naphthalene	A1836-9072	0.28	0.28	ppb	U
87-61-6	1,2,3-Trichlorobenzene	A1836-9072	0.28	0.28	ppb	U
994-05-8	TAME	A1836-9072	0.17	0.17	ppb	U
75-65-0	Tertiary butyl alcohol	A1836-9072	1.81	1.81	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	A1836-9072	99.1 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A1836-9072	98.8 %	(86 - 118)	
2037-26-5	TOLUENE-D8	A1836-9072	100.0 %	(88 - 110)	
460-00-4	4-BROMOFLUOROBENZENE	A1836-9077	99.1 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A1836-9077	98.9 %	(86 - 118)	
2037-26-5	TOLUENE-D8	A1836-9077	101.0 %	(88 - 110)	

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07/20/2005

TCLP Benzene By SW846 8260

Sample: 0507178-3
Client Sample ID: SB-01A (0-10')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 07/12/2005
Preparation Date(s) : 07/11/2005

Type: Grab

Collected: 07/08/2005
% Solid: 90.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
71-43-2	Benzene	A1836-9074	0.0038	0.0038	ppm	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	A1836-9074	99.8 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	A1836-9074	99.4 %	(86 - 118)	
2037-26-5	TOLUENE-D8	A1836-9074	101.0 %	(88 - 110)	

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07/20/2005

Semivolatile PAH Compounds - EPA Method 8270C

Sample: 0507178-3
Client Sample ID: SB-01A (0-10')
Matrix: Soil
Type: Grab
Collected: 07/08/2005
% Solid: 90.6%
Remarks:
Analyzed Date: 07/13/2005
Preparation Date(s) : 07/12/2005

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
83-32-9	Acenaphthene	C1427-7036	50.6	50.6	ppb	U
208-96-8	Acenaphthylene	C1427-7036	50.6	50.6	ppb	U
120-12-7	Anthracene	C1427-7036	48.4	48.4	ppb	U
56-55-3	Benzo(a)Anthracene	C1427-7036	51.7	51.7	ppb	U
50-32-8	Benzo(a)Pyrene	C1427-7036	47.3	47.3	ppb	U
205-99-2	Benzo(b)Fluoranthene	C1427-7036	45.1	45.1	ppb	U
191-24-2	Benzo(g,h,i)Perylene	C1427-7036	48.4	48.4	ppb	U
207-08-9	Benzo(k)Fluoranthene	C1427-7036	46.2	46.2	ppb	U
218-01-9	Chrysene	C1427-7036	48.4	48.4	ppb	U
53-70-3	Dibenzo(a,h)Anthracene	C1427-7036	49.5	49.5	ppb	U
206-44-0	Fluoranthene	C1427-7036	48.4	48.4	ppb	U
86-73-7	Fluorene	C1427-7036	52.8	52.8	ppb	U
193-39-5	Indeno(1,2,3-cd)pyrene	C1427-7036	48.4	48.4	ppb	U
91-20-3	Naphthalene	C1427-7036	48.4	48.4	ppb	U
85-01-8	Phenanthrene	C1427-7036	42.9	42.9	ppb	U
129-00-0	Pyrene	C1427-7036	49.5	49.5	ppb	U
91-57-6	2-Methylnaphthalene	C1427-7036	91.3	91.3	ppb	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
321-60-8	2-FLUOROBIPHENYL	C1427-7036	48.7 %	(30 - 115)	
4165-60-0	NITROBENZENE-D5	C1427-7036	51.1 %	(23 - 120)	
1718-51-0	TERPHENYL-D14	C1427-7036	63.9 %	(18 - 137)	

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07/20/2005

Diesel Range Organics - Method 8015B

Sample: 0507178-3
Client Sample ID: SB-01A (0-10')
Matrix: Soil
Remarks:
Analyzed Date: 07/14/2005
Preparation Date(s) : 07/14/2005

Type: Grab

Collected: 07/08/2005
% Solid: 90.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H 338 -6	42.1	42.1	ppm	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
84-15-1	O-TERPHENYL	H338-6	68.6 %	(30 - 150)	

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07/20/2005

Gasoline Range Organics - EPA 8015B

Sample: 0507178-3
Client Sample ID: SB-01A (0-10')
Matrix: Soil
Remarks:
Analyzed Date: 07/13/2005

Type: Grab

Collected: 07/08/2005
% Solid: 90.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M 146 -13	0.48	**11.5**	ppm	

* Results are reported on a dry weight basis

Environmental Testing Laboratories, Inc.
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Phone - 631-249-1456 Fax - 631-249-8344

07/20/2005

PCB Aroclors by SW846 8082/EPA 608

Sample: 0507178-3
Client Sample ID: SB-01A (0-10')
Matrix: Soil
Remarks:
Analyzed Date: 07/14/2005
Preparation Date(s) : 07/14/2005

Type: Grab

Collected: 07/08/2005
% Solid: 90.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
12674-11-2	PCB 1016	G 939 -15	2.25	2.25	ppb	U
11104-28-2	PCB 1221	G 939 -15	10.6	10.6	ppb	U
11141-16-5	PCB 1232	G 939 -15	2.35	2.35	ppb	U
53469-21-9	PCB 1242	G 939 -15	1.77	1.77	ppb	U
12672-29-6	PCB 1248	G 939 -15	3.97	3.97	ppb	U
11097-69-1	PCB 1254	G 939 -15	6.02	6.02	ppb	U
11096-82-5	PCB 1260	G 939 -15	6.91	6.91	ppb	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	G939-15	65.7 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	G939-15	67.4 %	(30 - 150)	

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07/20/2005

TOX by Modified 8082

Sample: 0507178-3
Client Sample ID: SB-01A (0-10')
Matrix: Soil
Remarks:
Analyzed Date: 07/14/2005
Preparation Date(s) : 07/14/2005

Type: Grab

Collected: 07/08/2005
% Solid: 90.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Total Organic Halides (TOX)	L 448 -21	0.028	0.028	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L448-21	82.8 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L448-21	72.9 %	(30 - 150)	

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07/20/2005

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0507178-3
Client Sample ID: SB-01A (0-10')
Matrix: Soil
Remarks:
Analyzed Date: 07/13/2005
Preparation Date(s) : 07/13/2005

Type: Grab

Collected: 07/08/2005
% Solid: 90.6%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.0028	0.0028	mg/L	U

* Results are reported on a dry weight basis

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07/20/2005

RCRA Metals plus Cu, Ni, Zn by Method SW846 6010

Sample: 0507178-3
Client Sample ID: SB-01A (0-10')
Matrix: Soil
Type: Grab
Collected: 07/08/2005
% Solid: 90.6%
Remarks:
Analyzed Date: 07/13/2005
Preparation Date(s) : 07/13/2005 07/13/2005

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7440-38-2	Arsenic	0.35	**1.33**	ppm	
7440-39-3	Barium	0.041	**24.1**	ppm	
7440-43-9	Cadmium	0.031	0.031	ppm	U
7440-47-3	Chromium	0.16	**4.76**	ppm	
7440-50-8	Copper	0.30	**11.9**	ppm	
7439-92-1	Lead	0.17	**8.01**	ppm	
7440-02-0	Nickel	0.051	**26.7**	ppm	
7782-49-2	Selenium	0.44	0.44	ppm	U
7440-22-4	Silver	0.10	0.10	ppm	U
7440-66-6	Zinc	0.45	**29.3**	ppm	

* Results are reported on a dry weight basis

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07/20/2005

TCLP Metals - Cu, Ni, Zn by Method SW846 1311/6010

Sample: 0507178-3
Client Sample ID: SB-01A (0-10')
Matrix: Soil
Type: Grab
Collected: 07/08/2005
% Solid: 90.6%
Remarks:
Analyzed Date: 07/13/2005
Preparation Date(s) : 07/12/2005 07/11/2005

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-50-8	Copper	0.029	0.029	ppm	U
7440-02-0	Nickel	0.0050	**0.061**	ppm	
7440-66-6	Zinc	0.044	**0.41**	ppm	

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07/20/2005

TCLP Mercury-Method SW846 1311/7470/7471

Sample: 0507178-3
Client Sample ID: SB-01A (0-10')
Matrix: Soil
Type: Grab
Collected: 07/08/2005
% Solid: 90.6%
Remarks:
Analyzed Date: 07/13/2005
Preparation Date(s) : 07/13/2005 07/11/2005

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.000014	0.000014	mg/L	U

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07/20/2005

TCLP Metals-Method SW846 1311/6010

Sample: 0507178-3
Client Sample ID: SB-01A (0-10')
Matrix: Soil Type: Grab
Remarks:
Analyzed Date: 07/13/2005
Preparation Date(s) : 07/12/2005 07/13/2005 07/11/2005

Collected: 07/08/2005
% Solid: 90.6%

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-38-2	Arsenic	0.034	0.034	ppm	U
7440-39-3	Barium	0.0040	**0.54**	ppm	
7440-43-9	Cadmium	0.0030	0.0030	ppm	U
7440-47-3	Chromium	0.016	0.016	ppm	U
7439-92-1	Lead	0.017	**0.021**	ppm	
7782-49-2	Selenium	0.043	0.043	ppm	U
7440-22-4	Silver	0.010	0.010	ppm	U

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07/20/2005

% Moisture - SM 2540G

Sample: 0507178-3
Client Sample ID: SB-01A (0-10')
Matrix: Soil Type: Grab
Remarks:
Analyzed Date: 07/12/2005 9:57:58 AM

Collected: 07/08/2005
% Solid: 90.6%

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
	% Moisture	0	**9.400**	%	
	% Solid	0	**90.600**	%	

Environmental Testing Laboratories, Inc.

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07/20/2005

Total Petroleum Hydrocarbons - EPA 418.1

Sample: 0507178-3
Client Sample ID: SB-01A (0-10')
Matrix: Soil
Remarks:
Analyzed Date: 07/18/2005

Type: Grab

Collected: 07/08/2005
% Solid: 90.6%

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
	Total Rec.Petr. Hydrocarbons	3.42	**23.3**	ppm	

* Results are reported on a dry weight basis

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07/20/2005

Flash Point (Ignitability) - SW 846 1010

Sample: 0507178-3
Client Sample ID: SB-01A (0-10')
Matrix: Soil
Remarks:
Analyzed Date: 07/14/2005

Type: Grab

Collected: 07/08/2005
% Solid: 90.6%

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
	Flash Point	0	>100	°C	

* Results are reported on a dry weight basis

Environmental Testing Laboratories, Inc.
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Phone - 631-249-1456 Fax - 631-249-8344

07/20/2005

Soil pH - SW 846 9045C

Sample: 0507178-3
Client Sample ID: SB-01A (0-10')
Matrix: Soil
Remarks:
Analyzed Date: 07/12/2005

Type: Grab

Collected: 07/08/2005
% Solid: 90.6%

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
	pH over-aged	0	**9.81**	pH Units	
	Temperature	0	**23.0**	pH Units	

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07/20/2005

Reactivity -SW 846 9010

Sample: 0507178-3
Client Sample ID: SB-01A (0-10')
Matrix: Soil
Remarks:
Analyzed Date: 07/18/2005

Type: Grab

Collected: 07/08/2005
% Solid: 90.6%

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
	Releasable Cyanide	0.10	0.10	mg/L	U
	Releasable H2 Sulfide	0.010	0.010	mg/L	U
	Reactivity	0	Negative	mg/L	

* Results are reported on a dry weight basis

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07/20/2005

Case Narrative

EPA 8260 VOLATILE ANALYSIS:

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:
Acetone
2-Butanone
4-Methyl-2-pentanone
2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and 300 ppb levels.
Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

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07/20/2005

Case Narrative

PCB ANALYSIS:
Results were calculated using Linear Regression initial calibration curve.

Environmental Testing Laboratories, Inc.
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07/20/2005

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

J - Indicates an estimated value. The concentration reported was detected below the Method Detection Limit (MDL).

Y - The concentration reported was detected below the lowest calibration standard concentration.

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
P - ICP
T - Titrimetric

OTHER QUALIFIERS

ND - Not Detected

NA - Not Applicable

NR - Not Required

* - Outside Expected Range (NYCDEP Table I/II or Surrogate Limits)

x - Outside Expected Range

0507178

0507178

Rec'vd Date: 07/11/05 16:39

CHAIN OF COUSTODY DOCUMENT

R 10890

631-249-1456 • Fax: 631-249-6344

Project Name:	Project Manager: Caroline Cadabo
Project Address: 4071 - BKNY	
Client: ACT	J/N:
☐ Rush by: NORMAL	

Sampler (Signature): [illegible] for SW (Print): Steven Wells

SAMPLE INFO — Type: SS = Split Spoon; G = Grab; C = Composite; B = Blank. Matrix: L = Liquid; S = Soil; SL = Sludge; A* = Air; W = Wipe. *Air - Vol. (Liters) include: Flow (CFM)

ID	Date	Time	Type	Matrix	Sample Location	Total # Cont.	601/602	BTX/BTEX	MTBE	624/8260/8021	625/8270/BN/A+	PCB/Pesticides	Pet.Prods./8100M	RCRA Metals*	pH/Flash/React	418.1 - TRPH	TPH 8015	*TCLP Metals	PCB SW 8080	TOX	% Moisture	TOC
1	7/8		G	S	SB-01A (0-2')	2				X												
2	↓		G	S	SB-01A (8-10')	2				X												
3	↓		C	S	SB-01A (0-10')	2				X	X			X	X	X	X	X	X	X	X	X
4	↓		G	L	SB-01A	2				X												
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						

Relinquished by (Signature):	Date / Time	Printed Name & Agent:	Received by (Signature):	Date / Time	Printed Name & Agent
[signature]	Date 7/11/05 Time 4:10		[signature]	Date Time	
Relinquished by (Signature):	Date Time	Printed Name & Agent:	Received for Lab by (Signature): [signature]	Date 7/11-5 Time 4:10	Printed Name: C. Cesert

Comments & Special Instructions: *+ Copper, Zinc, Nickel

QA/QC Type:

Number & Type of Containers:

Preservatives:

Temp: 5 °

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/19/2005

Laboratory Identifier: 0509282
Custody Document: R0907
Received: 09/15/2005 15:25
Sampled by: Paul Stawart

Client: Advanced Cleanup Technologies
115 Rome Street
Farmingdale,
NY 11735

Project: 4071-BHNY

Manager: Paul Stawart

Respectfully submitted,

Patricia Werner-Els
Quality Assurance Officer

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
MA Cert. # NY061
PA Cert. # 68-535
NH Cert. # 252592-BA
RI Cert. # 161

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/19/2005

Volatiles - EPA 8260B

Sample: 0509282-1
Client Sample ID: EP-1
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 09/16/2005

Type: Grab

Collected: 09/13/2005 14:00
% Solid: 91.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
75-71-8	Dichlorodifluoromethane	B1874-3362	0.59	0.59	ppb	U
75-45-6	Chlorodifluoromethane	B1874-3362	1.07	1.07	ppb	U
74-87-3	Chloromethane	B1874-3362	1.81	1.81	ppb	U
75-01-4	Vinyl Chloride	B1874-3362	1.07	1.07	ppb	U
74-83-9	Bromomethane	B1874-3362	0.68	0.68	ppb	U
75-00-3	Chloroethane	B1874-3362	1.00	1.00	ppb	U
75-69-4	Trichlorofluoromethane	B1874-3362	0.92	0.92	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B1874-3362	0.78	0.78	ppb	U
75-35-4	1,1-Dichloroethene	B1874-3362	1.26	1.26	ppb	U
67-64-1	Acetone	B1874-3362	11.9	11.9	ppb	U
75-15-0	Carbon disulfide	B1874-3362	0.85	0.85	ppb	U
75-09-2	Methylene Chloride	B1874-3362	1.13	1.13	ppb	U
156-60-5	t-1,2-Dichloroethene	B1874-3362	1.11	1.11	ppb	U
1634-04-4	Methyl t-butyl ether	B1874-3362	1.81	1.81	ppb	U
75-34-3	1,1-Dichloroethane	B1874-3362	0.89	0.89	ppb	U
590-20-7	2,2-Dichloropropane	B1874-3362	0.74	0.74	ppb	U
156-59-2	c-1,2-Dichloroethene	B1874-3362	1.18	1.18	ppb	U
78-93-3	2-Butanone	B1874-3362	10.4	10.4	ppb	U
74-97-5	Bromochloromethane	B1874-3362	1.24	1.24	ppb	U
67-66-3	Chloroform	B1874-3362	0.78	0.78	ppb	U
71-55-6	1,1,1-Trichloroethane	B1874-3362	1.05	1.05	ppb	U
56-23-5	Carbon Tetrachloride	B1874-3362	1.20	1.20	ppb	U
563-58-6	1,1-Dichloropropene	B1874-3362	1.11	1.11	ppb	U
71-43-2	Benzene	B1874-3362	1.07	1.07	ppb	U
107-06-2	1,2-Dichloroethane	B1874-3362	0.98	0.98	ppb	U
79-01-6	Trichloroethene	B1874-3362	1.02	1.02	ppb	U
78-87-5	1,2-Dichloropropane	B1874-3362	0.85	0.85	ppb	U
74-95-3	Dibromomethane	B1874-3362	1.46	1.46	ppb	U
75-27-4	Bromodichloromethane	B1874-3362	0.89	0.89	ppb	U
110-75-8	2-Chloroethylvinylether	B1874-3362	4.71	4.71	ppb	U
10061-01-5	c-1,3-Dichloropropene	B1874-3362	0.96	0.96	ppb	U
108-10-1	4-Methyl-2-pentanone	B1874-3362	10.1	10.1	ppb	U
108-88-3	Toluene	B1874-3362	1.02	1.02	ppb	U
10061-02-6	t-1,3-Dichloropropene	B1874-3362	0.92	0.92	ppb	U

Environmental Testing Laboratories, Inc.

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Phone - 631-249-1456 Fax - 631-249-8344

09/19/2005

Volatiles - EPA 8260B

Sample: 0509282-1
Client Sample ID: EP-1
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 09/16/2005

Type: Grab

Collected: 09/13/2005 14:00
% Solid: 91.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
79-00-5	1,1,2-Trichloroethane	B1874-3362	0.94	0.94	ppb	U
127-18-4	Tetrachloroethene	B1874-3362	1.94	1.94	ppb	U
142-28-9	1,3-Dichloropropane	B1874-3362	1.33	1.33	ppb	U
591-78-6	2-Hexanone	B1874-3362	9.72	9.72	ppb	U
124-48-1	Dibromochloromethane	B1874-3362	1.16	1.16	ppb	U
106-93-4	1,2-Dibromoethane	B1874-3362	0.94	0.94	ppb	U
108-90-7	Chlorobenzene	B1874-3362	0.92	0.92	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	B1874-3362	0.96	0.96	ppb	U
100-41-4	Ethylbenzene	B1874-3362	0.52	0.52	ppb	U
108-38-3	m,p-xylene	B1874-3362	1.81	1.81	ppb	U
95-47-6	o-xylene	B1874-3362	0.92	0.92	ppb	U
100-42-5	Styrene	B1874-3362	0.94	0.94	ppb	U
75-25-2	Bromoform	B1874-3362	1.50	1.50	ppb	U
98-82-8	Isopropylbenzene	B1874-3362	0.74	0.74	ppb	U
108-86-1	Bromobenzene	B1874-3362	0.52	0.52	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	B1874-3362	1.35	1.35	ppb	U
103-65-1	n-Propylbenzene	B1874-3362	0.74	0.74	ppb	U
96-18-4	1,2,3-Trichloropropane	B1874-3362	2.92	2.92	ppb	U
622-96-8	p-Ethyltoluene	B1874-3362	0.61	0.61	ppb	U
108-67-8	1,3,5-Trimethylbenzene	B1874-3362	1.24	1.24	ppb	U
95-49-8	2-Chlorotoluene	B1874-3362	0.74	0.74	ppb	U
106-43-4	4-Chlorotoluene	B1874-3362	0.76	0.76	ppb	U
98-06-6	tert-Butylbenzene	B1874-3362	0.61	0.61	ppb	U
95-63-6	1,2,4-Trimethylbenzene	B1874-3362	1.37	1.37	ppb	U
135-98-8	sec-Butylbenzene	B1874-3362	0.70	0.70	ppb	U
99-87-6	4-Isopropyltoluene	B1874-3362	0.89	0.89	ppb	U
541-73-1	1,3-Dichlorobenzene	B1874-3362	0.76	0.76	ppb	U
106-46-7	1,4-Dichlorobenzene	B1874-3362	0.76	0.76	ppb	U
95-50-1	1,2-Dichlorobenzene	B1874-3362	0.85	0.85	ppb	U
105-05-5	p-Diethylbenzene	B1874-3362	1.22	1.22	ppb	U
104-51-8	n-Butylbenzene	B1874-3362	1.42	1.42	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	B1874-3362	1.44	1.44	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	B1874-3362	2.86	2.86	ppb	U
120-82-1	1,2,4-Trichlorobenzene	B1874-3362	1.87	1.87	ppb	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/19/2005

Volatiles - EPA 8260B

Sample: 0509282-1
Client Sample ID: EP-1
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 09/16/2005

Type: Grab

Collected: 09/13/2005 14:00
% Solid: 91.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
87-68-3	Hexachlorobutadiene	B1874-3362	0.70	0.70	ppb	U
91-20-3	Naphthalene	B1874-3362	2.09	2.09	ppb	U
87-61-6	1,2,3-Trichlorobenzene	B1874-3362	1.79	1.79	ppb	U
994-05-8	TAME	B1874-3362	1.02	1.02	ppb	U
75-65-0	Tertiary butyl alcohol	B1874-3362	25.1	25.1	ppb	U
107-13-1	Acrylonitrile	B1874-3362	8.81	8.81	ppb	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B1874-3362	102.0 %	(74 - 121)	
4774-33-8	DIBROMOFLUOROMETHANE	B1874-3362	103.0 %	(80 - 120)	
2037-26-5	TOLUENE-D8	B1874-3362	100.0 %	(81 - 117)	

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/19/2005

Volatiles - EPA 8260B

Sample: 0509282-2
Client Sample ID: EP-2
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 09/16/2005

Type: Grab

Collected: 09/13/2005 14:00
% Solid: 90.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
75-71-8	Dichlorodifluoromethane	B1874-3363	0.60	0.60	ppb	U
75-45-6	Chlorodifluoromethane	B1874-3363	1.08	1.08	ppb	U
74-87-3	Chloromethane	B1874-3363	1.83	1.83	ppb	U
75-01-4	Vinyl Chloride	B1874-3363	1.08	1.08	ppb	U
74-83-9	Bromomethane	B1874-3363	0.69	0.69	ppb	U
75-00-3	Chloroethane	B1874-3363	1.02	1.02	ppb	U
75-69-4	Trichlorofluoromethane	B1874-3363	0.93	0.93	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B1874-3363	0.80	0.80	ppb	U
75-35-4	1,1-Dichloroethene	B1874-3363	1.28	1.28	ppb	U
67-64-1	Acetone	B1874-3363	12.0	**21.6**	ppb	Y
75-15-0	Carbon disulfide	B1874-3363	0.86	0.86	ppb	U
75-09-2	Methylene Chloride	B1874-3363	1.15	1.15	ppb	U
156-60-5	t-1,2-Dichloroethene	B1874-3363	1.13	1.13	ppb	U
1634-04-4	Methyl t-butyl ether	B1874-3363	1.83	1.83	ppb	U
75-34-3	1,1-Dichloroethane	B1874-3363	0.91	0.91	ppb	U
590-20-7	2,2-Dichloropropane	B1874-3363	0.75	0.75	ppb	U
156-59-2	c-1,2-Dichloroethene	B1874-3363	1.19	1.19	ppb	U
78-93-3	2-Butanone	B1874-3363	10.5	10.5	ppb	U
74-97-5	Bromochloromethane	B1874-3363	1.26	1.26	ppb	U
67-66-3	Chloroform	B1874-3363	0.80	0.80	ppb	U
71-55-6	1,1,1-Trichloroethane	B1874-3363	1.06	1.06	ppb	U
56-23-5	Carbon Tetrachloride	B1874-3363	1.22	1.22	ppb	U
563-58-6	1,1-Dichloropropene	B1874-3363	1.13	1.13	ppb	U
71-43-2	Benzene	B1874-3363	1.08	1.08	ppb	U
107-06-2	1,2-Dichloroethane	B1874-3363	0.99	0.99	ppb	U
79-01-6	Trichloroethene	B1874-3363	1.04	1.04	ppb	U
78-87-5	1,2-Dichloropropane	B1874-3363	0.86	0.86	ppb	U
74-95-3	Dibromomethane	B1874-3363	1.48	1.48	ppb	U
75-27-4	Bromodichloromethane	B1874-3363	0.91	0.91	ppb	U
110-75-8	2-Chloroethylvinylether	B1874-3363	4.77	4.77	ppb	U
10061-01-5	c-1,3-Dichloropropene	B1874-3363	0.97	0.97	ppb	U
108-10-1	4-Methyl-2-pentanone	B1874-3363	10.2	10.2	ppb	U
108-88-3	Toluene	B1874-3363	1.04	1.04	ppb	U
10061-02-6	t-1,3-Dichloropropene	B1874-3363	0.93	0.93	ppb	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
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09/19/2005

Volatiles - EPA 8260B

Sample: 0509282-2
Client Sample ID: EP-2
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 09/16/2005

Type: Grab

Collected: 09/13/2005 14:00
% Solid: 90.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
79-00-5	1,1,2-Trichloroethane	B1874-3363	0.95	0.95	ppb	U
127-18-4	Tetrachloroethene	B1874-3363	1.97	1.97	ppb	U
142-28-9	1,3-Dichloropropane	B1874-3363	1.35	1.35	ppb	U
591-78-6	2-Hexanone	B1874-3363	9.86	9.86	ppb	U
124-48-1	Dibromochloromethane	B1874-3363	1.17	1.17	ppb	U
106-93-4	1,2-Dibromoethane	B1874-3363	0.95	0.95	ppb	U
108-90-7	Chlorobenzene	B1874-3363	0.93	0.93	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	B1874-3363	0.97	0.97	ppb	U
100-41-4	Ethylbenzene	B1874-3363	0.53	0.53	ppb	U
108-38-3	m,p-xylene	B1874-3363	1.83	1.83	ppb	U
95-47-6	o-xylene	B1874-3363	0.93	0.93	ppb	U
100-42-5	Styrene	B1874-3363	0.95	0.95	ppb	U
75-25-2	Bromoform	B1874-3363	1.52	1.52	ppb	U
98-82-8	Isopropylbenzene	B1874-3363	0.75	0.75	ppb	U
108-86-1	Bromobenzene	B1874-3363	0.53	0.53	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	B1874-3363	1.37	1.37	ppb	U
103-65-1	n-Propylbenzene	B1874-3363	0.75	0.75	ppb	U
96-18-4	1,2,3-Trichloropropane	B1874-3363	2.96	2.96	ppb	U
622-96-8	p-Ethyltoluene	B1874-3363	0.62	0.62	ppb	U
108-67-8	1,3,5-Trimethylbenzene	B1874-3363	1.26	1.26	ppb	U
95-49-8	2-Chlorotoluene	B1874-3363	0.75	0.75	ppb	U
106-43-4	4-Chlorotoluene	B1874-3363	0.77	0.77	ppb	U
98-06-6	tert-Butylbenzene	B1874-3363	0.62	0.62	ppb	U
95-63-6	1,2,4-Trimethylbenzene	B1874-3363	1.39	1.39	ppb	U
135-98-8	sec-Butylbenzene	B1874-3363	0.71	0.71	ppb	U
99-87-6	4-Isopropyltoluene	B1874-3363	0.91	0.91	ppb	U
541-73-1	1,3-Dichlorobenzene	B1874-3363	0.77	0.77	ppb	U
106-46-7	1,4-Dichlorobenzene	B1874-3363	0.77	0.77	ppb	U
95-50-1	1,2-Dichlorobenzene	B1874-3363	0.86	0.86	ppb	U
105-05-5	p-Diethylbenzene	B1874-3363	1.24	1.24	ppb	U
104-51-8	n-Butylbenzene	B1874-3363	1.44	1.44	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	B1874-3363	1.46	1.46	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	B1874-3363	2.90	2.90	ppb	U
120-82-1	1,2,4-Trichlorobenzene	B1874-3363	1.90	1.90	ppb	U

Environmental Testing Laboratories, Inc.
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09/19/2005

Volatiles - EPA 8260B

Sample: 0509282-2
Client Sample ID: EP-2
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 09/16/2005

Type: Grab

Collected: 09/13/2005 14:00
% Solid: 90.6%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
87-68-3	Hexachlorobutadiene	B1874-3363	0.71	0.71	ppb	U
91-20-3	Naphthalene	B1874-3363	2.12	2.12	ppb	U
87-61-6	1,2,3-Trichlorobenzene	B1874-3363	1.81	1.81	ppb	U
994-05-8	TAME	B1874-3363	1.04	1.04	ppb	U
75-65-0	Tertiary butyl alcohol	B1874-3363	25.4	25.4	ppb	U
107-13-1	Acrylonitrile	B1874-3363	8.93	8.93	ppb	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B1874-3363	97.7 %	(74 - 121)	
4774-33-8	DIBROMOFLUOROMETHANE	B1874-3363	105.0 %	(80 - 120)	
2037-26-5	TOLUENE-D8	B1874-3363	99.5 %	(81 - 117)	

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09/19/2005

Volatiles - EPA 8260B

Sample: 0509282-3
Client Sample ID: EP-3
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 09/16/2005

Type: Grab

Collected: 09/13/2005 14:00
% Solid: 98.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
75-71-8	Dichlorodifluoromethane	B1874-3364	0.55	0.55	ppb	U
75-45-6	Chlorodifluoromethane	B1874-3364	0.99	0.99	ppb	U
74-87-3	Chloromethane	B1874-3364	1.68	1.68	ppb	U
75-01-4	Vinyl Chloride	B1874-3364	0.99	0.99	ppb	U
74-83-9	Bromomethane	B1874-3364	0.63	0.63	ppb	U
75-00-3	Chloroethane	B1874-3364	0.93	0.93	ppb	U
75-69-4	Trichlorofluoromethane	B1874-3364	0.85	0.85	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B1874-3364	0.73	0.73	ppb	U
75-35-4	1,1-Dichloroethene	B1874-3364	1.18	1.18	ppb	U
67-64-1	Acetone	B1874-3364	11.1	**21.7**	ppb	Y
75-15-0	Carbon disulfide	B1874-3364	0.79	0.79	ppb	U
75-09-2	Methylene Chloride	B1874-3364	1.06	1.06	ppb	U
156-60-5	t-1,2-Dichloroethene	B1874-3364	1.04	1.04	ppb	U
1634-04-4	Methyl t-butyl ether	B1874-3364	1.68	1.68	ppb	U
75-34-3	1,1-Dichloroethane	B1874-3364	0.83	0.83	ppb	U
590-20-7	2,2-Dichloropropane	B1874-3364	0.69	0.69	ppb	U
156-59-2	c-1,2-Dichloroethene	B1874-3364	1.10	1.10	ppb	U
78-93-3	2-Butanone	B1874-3364	9.68	9.68	ppb	U
74-97-5	Bromochloromethane	B1874-3364	1.16	1.16	ppb	U
67-66-3	Chloroform	B1874-3364	0.73	0.73	ppb	U
71-55-6	1,1,1-Trichloroethane	B1874-3364	0.97	0.97	ppb	U
56-23-5	Carbon Tetrachloride	B1874-3364	1.12	1.12	ppb	U
563-58-6	1,1-Dichloropropene	B1874-3364	1.04	1.04	ppb	U
71-43-2	Benzene	B1874-3364	0.99	0.99	ppb	U
107-06-2	1,2-Dichloroethane	B1874-3364	0.91	0.91	ppb	U
79-01-6	Trichloroethene	B1874-3364	0.95	0.95	ppb	U
78-87-5	1,2-Dichloropropane	B1874-3364	0.79	0.79	ppb	U
74-95-3	Dibromomethane	B1874-3364	1.36	1.36	ppb	U
75-27-4	Bromodichloromethane	B1874-3364	0.83	0.83	ppb	U
110-75-8	2-Chloroethylvinylether	B1874-3364	4.38	4.38	ppb	U
10061-01-5	c-1,3-Dichloropropene	B1874-3364	0.89	0.89	ppb	U
108-10-1	4-Methyl-2-pentanone	B1874-3364	9.40	9.40	ppb	U
108-88-3	Toluene	B1874-3364	0.95	0.95	ppb	U
10061-02-6	t-1,3-Dichloropropene	B1874-3364	0.85	0.85	ppb	U

Environmental Testing Laboratories, Inc.

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09/19/2005

Volatiles - EPA 8260B

Sample: 0509282-3
Client Sample ID: EP-3
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 09/16/2005

Type: Grab

Collected: 09/13/2005 14:00
% Solid: 98.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
79-00-5	1,1,2-Trichloroethane	B1874-3364	0.87	0.87	ppb	U
127-18-4	Tetrachloroethene	B1874-3364	1.81	1.81	ppb	U
142-28-9	1,3-Dichloropropane	B1874-3364	1.24	1.24	ppb	U
591-78-6	2-Hexanone	B1874-3364	9.05	9.05	ppb	U
124-48-1	Dibromochloromethane	B1874-3364	1.08	1.08	ppb	U
106-93-4	1,2-Dibromoethane	B1874-3364	0.87	0.87	ppb	U
108-90-7	Chlorobenzene	B1874-3364	0.85	0.85	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	B1874-3364	0.89	0.89	ppb	U
100-41-4	Ethylbenzene	B1874-3364	0.49	0.49	ppb	U
108-38-3	m,p-xylene	B1874-3364	1.68	1.68	ppb	U
95-47-6	o-xylene	B1874-3364	0.85	0.85	ppb	U
100-42-5	Styrene	B1874-3364	0.87	0.87	ppb	U
75-25-2	Bromoform	B1874-3364	1.40	1.40	ppb	U
98-82-8	Isopropylbenzene	B1874-3364	0.69	0.69	ppb	U
108-86-1	Bromobenzene	B1874-3364	0.49	0.49	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	B1874-3364	1.26	1.26	ppb	U
103-65-1	n-Propylbenzene	B1874-3364	0.69	0.69	ppb	U
96-18-4	1,2,3-Trichloropropane	B1874-3364	2.72	2.72	ppb	U
622-96-8	p-Ethyltoluene	B1874-3364	0.57	0.57	ppb	U
108-67-8	1,3,5-Trimethylbenzene	B1874-3364	1.16	1.16	ppb	U
95-49-8	2-Chlorotoluene	B1874-3364	0.69	0.69	ppb	U
106-43-4	4-Chlorotoluene	B1874-3364	0.71	0.71	ppb	U
98-06-6	tert-Butylbenzene	B1874-3364	0.57	0.57	ppb	U
95-63-6	1,2,4-Trimethylbenzene	B1874-3364	1.28	1.28	ppb	U
135-98-8	sec-Butylbenzene	B1874-3364	0.65	0.65	ppb	U
99-87-6	4-Isopropyltoluene	B1874-3364	0.83	0.83	ppb	U
541-73-1	1,3-Dichlorobenzene	B1874-3364	0.71	0.71	ppb	U
106-46-7	1,4-Dichlorobenzene	B1874-3364	0.71	0.71	ppb	U
95-50-1	1,2-Dichlorobenzene	B1874-3364	0.79	0.79	ppb	U
105-05-5	p-Diethylbenzene	B1874-3364	1.14	1.14	ppb	U
104-51-8	n-Butylbenzene	B1874-3364	1.32	1.32	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	B1874-3364	1.34	1.34	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	B1874-3364	2.66	2.66	ppb	U
120-82-1	1,2,4-Trichlorobenzene	B1874-3364	1.75	1.75	ppb	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
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09/19/2005

Volatiles - EPA 8260B

Sample: 0509282-3
Client Sample ID: EP-3
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 09/16/2005

Type: Grab

Collected: 09/13/2005 14:00
% Solid: 98.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
87-68-3	Hexachlorobutadiene	B1874-3364	0.65	0.65	ppb	U
91-20-3	Naphthalene	B1874-3364	1.95	1.95	ppb	U
87-61-6	1,2,3-Trichlorobenzene	B1874-3364	1.66	1.66	ppb	U
994-05-8	TAME	B1874-3364	0.95	0.95	ppb	U
75-65-0	Tertiary butyl alcohol	B1874-3364	23.3	23.3	ppb	U
107-13-1	Acrylonitrile	B1874-3364	8.20	8.20	ppb	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B1874-3364	102.0 %	(74 - 121)	
4774-33-8	DIBROMOFLUOROMETHANE	B1874-3364	104.0 %	(80 - 120)	
2037-26-5	TOLUENE-D8	B1874-3364	99.2 %	(81 - 117)	

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09/19/2005

Volatiles - EPA 8260B

Sample: 0509282-4
Client Sample ID: EP-4
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 09/16/2005

Type: Grab

Collected: 09/13/2005 14:00
% Solid: 91.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
75-71-8	Dichlorodifluoromethane	B1874-3365	0.59	0.59	ppb	U
75-45-6	Chlorodifluoromethane	B1874-3365	1.07	1.07	ppb	U
74-87-3	Chloromethane	B1874-3365	1.82	1.82	ppb	U
75-01-4	Vinyl Chloride	B1874-3365	1.07	1.07	ppb	U
74-83-9	Bromomethane	B1874-3365	0.68	0.68	ppb	U
75-00-3	Chloroethane	B1874-3365	1.01	1.01	ppb	U
75-69-4	Trichlorofluoromethane	B1874-3365	0.92	0.92	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B1874-3365	0.79	0.79	ppb	U
75-35-4	1,1-Dichloroethene	B1874-3365	1.27	1.27	ppb	U
67-64-1	Acetone	B1874-3365	11.9	**18.2**	ppb	Y
75-15-0	Carbon disulfide	B1874-3365	0.85	0.85	ppb	U
75-09-2	Methylene Chloride	B1874-3365	1.14	1.14	ppb	U
156-60-5	t-1,2-Dichloroethene	B1874-3365	1.12	1.12	ppb	U
1634-04-4	Methyl t-butyl ether	B1874-3365	1.82	1.82	ppb	U
75-34-3	1,1-Dichloroethane	B1874-3365	0.90	0.90	ppb	U
590-20-7	2,2-Dichloropropane	B1874-3365	0.74	0.74	ppb	U
156-59-2	c-1,2-Dichloroethene	B1874-3365	1.18	1.18	ppb	U
78-93-3	2-Butanone	B1874-3365	10.4	10.4	ppb	U
74-97-5	Bromochloromethane	B1874-3365	1.25	1.25	ppb	U
67-66-3	Chloroform	B1874-3365	0.79	0.79	ppb	U
71-55-6	1,1,1-Trichloroethane	B1874-3365	1.05	1.05	ppb	U
56-23-5	Carbon Tetrachloride	B1874-3365	1.20	1.20	ppb	U
563-58-6	1,1-Dichloropropene	B1874-3365	1.12	1.12	ppb	U
71-43-2	Benzene	B1874-3365	1.07	1.07	ppb	U
107-06-2	1,2-Dichloroethane	B1874-3365	0.99	0.99	ppb	U
79-01-6	Trichloroethene	B1874-3365	1.03	1.03	ppb	U
78-87-5	1,2-Dichloropropane	B1874-3365	0.85	0.85	ppb	U
74-95-3	Dibromomethane	B1874-3365	1.47	1.47	ppb	U
75-27-4	Bromodichloromethane	B1874-3365	0.90	0.90	ppb	U
110-75-8	2-Chloroethylvinylether	B1874-3365	4.73	4.73	ppb	U
10061-01-5	c-1,3-Dichloropropene	B1874-3365	0.96	0.96	ppb	U
108-10-1	4-Methyl-2-pentanone	B1874-3365	10.1	10.1	ppb	U
108-88-3	Toluene	B1874-3365	1.03	1.03	ppb	U
10061-02-6	t-1,3-Dichloropropene	B1874-3365	0.92	0.92	ppb	U

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Phone - 631-249-1456 Fax - 631-249-8344

09/19/2005

Volatiles - EPA 8260B

Sample: 0509282-4
Client Sample ID: EP-4
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 09/16/2005

Type: Grab

Collected: 09/13/2005 14:00
% Solid: 91.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
79-00-5	1,1,2-Trichloroethane	B1874-3365	0.94	0.94	ppb	U
127-18-4	Tetrachloroethene	B1874-3365	1.95	1.95	ppb	U
142-28-9	1,3-Dichloropropane	B1874-3365	1.34	1.34	ppb	U
591-78-6	2-Hexanone	B1874-3365	9.77	9.77	ppb	U
124-48-1	Dibromochloromethane	B1874-3365	1.16	1.16	ppb	U
106-93-4	1,2-Dibromoethane	B1874-3365	0.94	0.94	ppb	U
108-90-7	Chlorobenzene	B1874-3365	0.92	0.92	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	B1874-3365	0.96	0.96	ppb	U
100-41-4	Ethylbenzene	B1874-3365	0.53	0.53	ppb	U
108-38-3	m,p-xylene	B1874-3365	1.82	1.82	ppb	U
95-47-6	o-xylene	B1874-3365	0.92	0.92	ppb	U
100-42-5	Styrene	B1874-3365	0.94	0.94	ppb	U
75-25-2	Bromoform	B1874-3365	1.51	1.51	ppb	U
98-82-8	Isopropylbenzene	B1874-3365	0.74	0.74	ppb	U
108-86-1	Bromobenzene	B1874-3365	0.53	0.53	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	B1874-3365	1.36	1.36	ppb	U
103-65-1	n-Propylbenzene	B1874-3365	0.74	0.74	ppb	U
96-18-4	1,2,3-Trichloropropane	B1874-3365	2.93	2.93	ppb	U
622-96-8	p-Ethyltoluene	B1874-3365	0.61	0.61	ppb	U
108-67-8	1,3,5-Trimethylbenzene	B1874-3365	1.25	1.25	ppb	U
95-49-8	2-Chlorotoluene	B1874-3365	0.74	0.74	ppb	U
106-43-4	4-Chlorotoluene	B1874-3365	0.77	0.77	ppb	U
98-06-6	tert-Butylbenzene	B1874-3365	0.61	0.61	ppb	U
95-63-6	1,2,4-Trimethylbenzene	B1874-3365	1.38	1.38	ppb	U
135-98-8	sec-Butylbenzene	B1874-3365	0.70	0.70	ppb	U
99-87-6	4-Isopropyltoluene	B1874-3365	0.90	0.90	ppb	U
541-73-1	1,3-Dichlorobenzene	B1874-3365	0.77	0.77	ppb	U
106-46-7	1,4-Dichlorobenzene	B1874-3365	0.77	0.77	ppb	U
95-50-1	1,2-Dichlorobenzene	B1874-3365	0.85	0.85	ppb	U
105-05-5	p-Diethylbenzene	B1874-3365	1.23	1.23	ppb	U
104-51-8	n-Butylbenzene	B1874-3365	1.42	1.42	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	B1874-3365	1.45	1.45	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	B1874-3365	2.87	2.87	ppb	U
120-82-1	1,2,4-Trichlorobenzene	B1874-3365	1.88	1.88	ppb	U

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/19/2005

Volatiles - EPA 8260B

Sample: 0509282-4
Client Sample ID: EP-4
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 09/16/2005

Type: Grab

Collected: 09/13/2005 14:00
% Solid: 91.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
87-68-3	Hexachlorobutadiene	B1874-3365	0.70	0.70	ppb	U
91-20-3	Naphthalene	B1874-3365	2.10	2.10	ppb	U
87-61-6	1,2,3-Trichlorobenzene	B1874-3365	1.80	1.80	ppb	U
994-05-8	TAME	B1874-3365	1.03	1.03	ppb	U
75-65-0	Tertiary butyl alcohol	B1874-3365	25.2	25.2	ppb	U
107-13-1	Acrylonitrile	B1874-3365	8.85	8.85	ppb	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B1874-3365	102.0 %	(74 - 121)	
4774-33-8	DIBROMOFLUOROMETHANE	B1874-3365	103.0 %	(80 - 120)	
2037-26-5	TOLUENE-D8	B1874-3365	99.8 %	(81 - 117)	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/19/2005

Volatiles - EPA 8260B

Sample: 0509282-5
Client Sample ID: EP-5
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 09/16/2005

Type: Grab

Collected: 09/13/2005 14:00
% Solid: 92.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
75-71-8	Dichlorodifluoromethane	B1874-3366	0.59	0.59	ppb	U
75-45-6	Chlorodifluoromethane	B1874-3366	1.06	1.06	ppb	U
74-87-3	Chloromethane	B1874-3366	1.80	1.80	ppb	U
75-01-4	Vinyl Chloride	B1874-3366	1.06	1.06	ppb	U
74-83-9	Bromomethane	B1874-3366	0.67	0.67	ppb	U
75-00-3	Chloroethane	B1874-3366	1.00	1.00	ppb	U
75-69-4	Trichlorofluoromethane	B1874-3366	0.91	0.91	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B1874-3366	0.78	0.78	ppb	U
75-35-4	1,1-Dichloroethene	B1874-3366	1.26	1.26	ppb	U
67-64-1	Acetone	B1874-3366	11.8	**35.7**	ppb	Y
75-15-0	Carbon disulfide	B1874-3366	0.85	0.85	ppb	U
75-09-2	Methylene Chloride	B1874-3366	1.13	1.13	ppb	U
156-60-5	t-1,2-Dichloroethene	B1874-3366	1.11	1.11	ppb	U
1634-04-4	Methyl t-butyl ether	B1874-3366	1.80	1.80	ppb	U
75-34-3	1,1-Dichloroethane	B1874-3366	0.89	0.89	ppb	U
590-20-7	2,2-Dichloropropane	B1874-3366	0.74	0.74	ppb	U
156-59-2	c-1,2-Dichloroethene	B1874-3366	1.17	1.17	ppb	U
78-93-3	2-Butanone	B1874-3366	10.4	10.4	ppb	U
74-97-5	Bromochloromethane	B1874-3366	1.24	1.24	ppb	U
67-66-3	Chloroform	B1874-3366	0.78	0.78	ppb	U
71-55-6	1,1,1-Trichloroethane	B1874-3366	1.04	1.04	ppb	U
56-23-5	Carbon Tetrachloride	B1874-3366	1.19	1.19	ppb	U
563-58-6	1,1-Dichloropropene	B1874-3366	1.11	1.11	ppb	U
71-43-2	Benzene	B1874-3366	1.06	1.06	ppb	U
107-06-2	1,2-Dichloroethane	B1874-3366	0.98	0.98	ppb	U
79-01-6	Trichloroethene	B1874-3366	1.02	1.02	ppb	U
78-87-5	1,2-Dichloropropane	B1874-3366	0.85	0.85	ppb	U
74-95-3	Dibromomethane	B1874-3366	1.45	1.45	ppb	U
75-27-4	Bromodichloromethane	B1874-3366	0.89	0.89	ppb	U
110-75-8	2-Chloroethylvinylether	B1874-3366	4.69	4.69	ppb	U
10061-01-5	c-1,3-Dichloropropene	B1874-3366	0.95	0.95	ppb	U
108-10-1	4-Methyl-2-pentanone	B1874-3366	10.0	10.0	ppb	U
108-88-3	Toluene	B1874-3366	1.02	1.02	ppb	U
10061-02-6	t-1,3-Dichloropropene	B1874-3366	0.91	0.91	ppb	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/19/2005

Volatiles - EPA 8260B

Sample: 0509282-5
Client Sample ID: EP-5
Matrix: Soil
Type: Grab
Collected: 09/13/2005 14:00
% Solid: 92.2%
Remarks: See Case Narrative
Analyzed Date: 09/16/2005

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
79-00-5	1,1,2-Trichloroethane	B1874-3366	0.93	0.93	ppb	U
127-18-4	Tetrachloroethene	B1874-3366	1.93	1.93	ppb	U
142-28-9	1,3-Dichloropropane	B1874-3366	1.32	1.32	ppb	U
591-78-6	2-Hexanone	B1874-3366	9.68	9.68	ppb	U
124-48-1	Dibromochloromethane	B1874-3366	1.15	1.15	ppb	U
106-93-4	1,2-Dibromoethane	B1874-3366	0.93	0.93	ppb	U
108-90-7	Chlorobenzene	B1874-3366	0.91	0.91	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	B1874-3366	0.95	0.95	ppb	U
100-41-4	Ethylbenzene	B1874-3366	0.52	0.52	ppb	U
108-38-3	m,p-xylene	B1874-3366	1.80	1.80	ppb	U
95-47-6	o-xylene	B1874-3366	0.91	0.91	ppb	U
100-42-5	Styrene	B1874-3366	0.93	0.93	ppb	U
75-25-2	Bromoform	B1874-3366	1.50	1.50	ppb	U
98-82-8	Isopropylbenzene	B1874-3366	0.74	0.74	ppb	U
108-86-1	Bromobenzene	B1874-3366	0.52	0.52	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	B1874-3366	1.35	1.35	ppb	U
103-65-1	n-Propylbenzene	B1874-3366	0.74	0.74	ppb	U
96-18-4	1,2,3-Trichloropropane	B1874-3366	2.91	2.91	ppb	U
622-96-8	p-Ethyltoluene	B1874-3366	0.61	0.61	ppb	U
108-67-8	1,3,5-Trimethylbenzene	B1874-3366	1.24	1.24	ppb	U
95-49-8	2-Chlorotoluene	B1874-3366	0.74	0.74	ppb	U
106-43-4	4-Chlorotoluene	B1874-3366	0.76	0.76	ppb	U
98-06-6	tert-Butylbenzene	B1874-3366	0.61	0.61	ppb	U
95-63-6	1,2,4-Trimethylbenzene	B1874-3366	1.37	1.37	ppb	U
135-98-8	sec-Butylbenzene	B1874-3366	0.69	0.69	ppb	U
99-87-6	4-Isopropyltoluene	B1874-3366	0.89	0.89	ppb	U
541-73-1	1,3-Dichlorobenzene	B1874-3366	0.76	0.76	ppb	U
106-46-7	1,4-Dichlorobenzene	B1874-3366	0.76	0.76	ppb	U
95-50-1	1,2-Dichlorobenzene	B1874-3366	0.85	0.85	ppb	U
105-05-5	p-Diethylbenzene	B1874-3366	1.22	1.22	ppb	U
104-51-8	n-Butylbenzene	B1874-3366	1.41	1.41	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	B1874-3366	1.43	1.43	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	B1874-3366	2.84	2.84	ppb	U
120-82-1	1,2,4-Trichlorobenzene	B1874-3366	1.87	1.87	ppb	U

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/19/2005

Volatiles - EPA 8260B

Sample: 0509282-5
Client Sample ID: EP-5
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 09/16/2005

Type: Grab

Collected: 09/13/2005 14:00
% Solid: 92.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
87-68-3	Hexachlorobutadiene	B1874-3366	0.69	0.69	ppb	U
91-20-3	Naphthalene	B1874-3366	2.08	2.08	ppb	U
87-61-6	1,2,3-Trichlorobenzene	B1874-3366	1.78	1.78	ppb	U
994-05-8	TAME	B1874-3366	1.02	1.02	ppb	U
75-65-0	Tertiary butyl alcohol	B1874-3366	25.0	25.0	ppb	U
107-13-1	Acrylonitrile	B1874-3366	8.77	8.77	ppb	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B1874-3366	102.0 %	(74 - 121)	
4774-33-8	DIBROMOFLUOROMETHANE	B1874-3366	106.0 %	(80 - 120)	
2037-26-5	TOLUENE-D8	B1874-3366	101.0 %	(81 - 117)	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/19/2005

Case Narrative

EPA 8260 VOLATILE ANALYSIS:

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:
Acetone
2-Butanone
4-Methyl-2-pentanone
2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and 300 ppb levels.
Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

Environmental Testing Laboratories, Inc.
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Phone - 631-249-1456 Fax - 631-249-8344

09/19/2005

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

J - Indicates an estimated value. The concentration reported was detected below the Method Detection Limit (MDL).

Y - The concentration reported was detected below the lowest calibration standard concentration.

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
P - ICP
T - Titrimetric

OTHER QUALIFIERS

ND - Not Detected

NA - Not Applicable

NR - Not Required

* - Outside Expected Range (NYCDEP Table I/II or Surrogate Limits)

x - Outside Expected Range

ETL

Environmental Testing Laboratories, Inc.
208 Route 109 • Farmingdale • New York 11735
631-249-1456 • Fax: 631-249-8344

CHAIN OF CUSTODY DOCUMENT

Project Name:	Project Manager:
Project Address:	
Client J/N:	☐ Rush by

Sampler (Signature): (Print):

SAMPLE INFO Type: SS = Split Spoon; G = Grab; C = Composite; B = Blank; Matrix: L = Liquid; S = Soil; SL = Sludge; A* = Air; W = Wipe; *Air - Vol. (Liters) include: Flow (CFM)

ID	Date	Time	Type	Matrix	Sample Location	Total. # Cont.	601/602	BTX/BTEX	MTBE	624/8260/8021	625/8270/BN	PCB/Pesticides	Pet.Prods./8100M	RCRA Metals	pH/Flash/React	418.1 - TRPH
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																

Relinquished by **(Signature)**:	Date / Time	Printed Name & Agent:	Received by **(Signature)**:	Date / Time	Printed Name & Agent
Relinquished by **(Signature)**:	Date / Time	Printed Name & Agent:	Received for Lab by **(Signature)**:	Date / Time	Printed Name
Comments & Special Instructions		QA/QC Type:	Number & Type of Containers:	Preservatives:	Temp:

APPENDIX B

TANK ABANDONMENT DOCUMENTS

Action Remediation Inc.

42-14 21st Street, 2nd Floor
Long Island City, NY 11101
Tel: (718) 937-4792

3010 Burns Avenue
Wantagh, NY 11793-3296
Tel: (516) 781-3000
Fax: (516) 781-3085
e-mail: HazMat3000@aol.com

October 14, 2005

New York City Fire Department
Bureau of Fire Prevention
Bulk Fuel Safety Unit-3rd Floor
9 Metrotech Center
Brooklyn, NY 11201

Re: 248 Flatbush Avenue
Brooklyn, NY 11217

This correspondence is to inform you that our company has abandoned one (1) 1,000 gallon aboveground #2 oil storage tank from the above referenced location. This tank was pumped, cleaned of all product and bottom sludge, made vapor free and rendered useless as per New York City rules and regulations. Fill and vent pipes were removed and filled with concrete.

Action Remediation is in compliance with New York City fire prevention code sec 27-4019. My certificate #62365598; install, test, repair buried tank; expiration date: 9/15/06.

Sincerely,

Kevin O'Connor
PROJECT MANAGER

KO:as
Enc.

Sworn to me this 14th
day of October, 2005

Notary Stamp
ANN SWEENEY
Notary Public, State of New York
No. 01SW6073995
Qualified in Nassau County
Commission Expires April 29, 2006

Action Remediation Inc.

3010 Burns Avenue
Wantagh, NY 11793-3296
Tel: (516) 781-3000
Fax: (516) 781-3085
e-mail: HazMat3000@aol.com

October 20, 2005

Cinderella Cleaners & Tailors
248 Flatbush Avenue
Brooklyn, NY 11217
Attn: David Aronowicz

Dear David,

Enclosed please find a Closure Package for the abandonment of (1) 1,000 gallon aboveground oil storage tank at the above address.

Included in this package are a New York City Fire Marshal Affidavit, a Site Plan, a Waste Manifest, and an invoice for services rendered.

Should you know of anyone who might need a storage tank removed or abandoned, we would appreciate it if you would refer them to us. If we can be of any further assistance, do not hesitate to call.

Sincerely,

Ralph Pantony

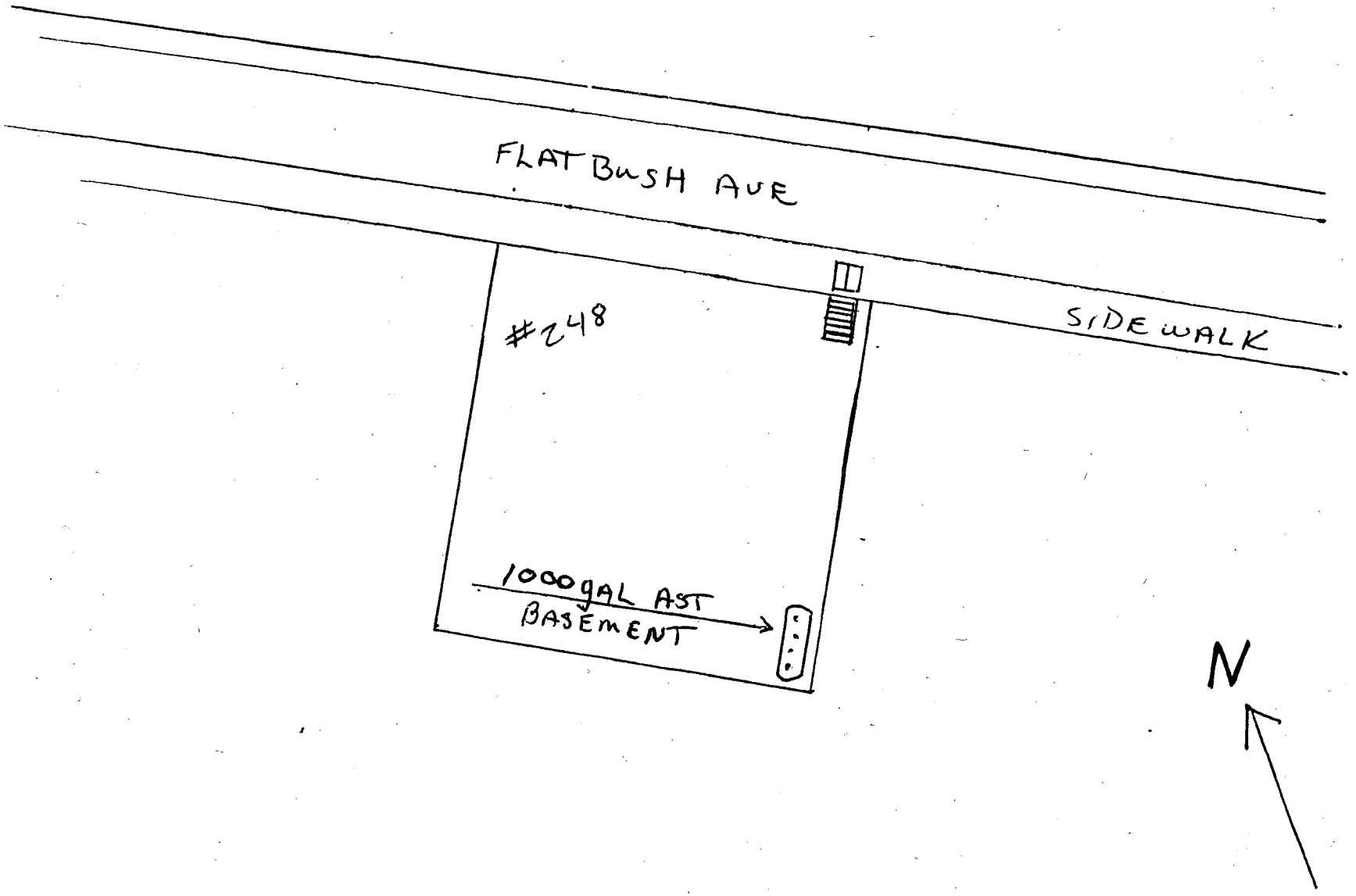
Ralph Pantony
President

RP:as
Enc.

CINDERELLA CLEANERS

248 FLATBUSH AVE

BROOKLYN NY



NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

BLUE

5) TRUCK 109 2667FJE N.Y.

3. Generator's Name and Mailing Address

CINDERELLA CLEANERS
[illegible]
[illegible]

4. Generator's Phone ( )

5. Transporter 1 Company Name

[illegible]

6. US EPA ID Number

[illegible]

A. Transporter's Phone

(516) 731-3000

7. Transporter 2 Company Name

Terrace Transportation

8. US EPA ID Number

NYR000[illegible]

B. Transporter's Phone

(718) 981-4600

9. Designated Facility Name and Site Address

Clean Water
3249 Richmond Terrace
Staten Island NY 10303

10. US EPA ID Number

[illegible]

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 RCRA, NON DOT, NON HAZARDOUS WASTE LIQUID (#2 Oil / Water Tank Bottoms)	1	TT	40	G
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

a. ERG# 128

b.

c.

d.

E. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

GENERATOR

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

Printed/Typed Name	Signature	Month	Day	Year
DAVID ARONOWITZ	[signature]	1/01	12	05

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MATT HUFNAGEL	[signature]	1/01	12	05

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	Day	Year

ORIGINAL - RETURN TO GENERATOR

APPENDIX C

REGULATORY AGENCY DOCUMENTS

NYC BUILDINGS

NYC.gov always open

NYC Department of Buildings

Property Profile Overview

248 FLATBUSH AVENUE
FLATBUSH AVENUE 246 - 248
FLATBUSH AVENUE 248A - 248B

BROOKLYN 11217

Health Area	: 26
Census Tract	: 161
Community Board	: 306
Buildings on Lot	: 1

BIN# 3018773

Tax Block	: 936
Tax Lot	: 12
Condo	: NO
Vacant	: NO

View All Addresses... Browse Block Browse Lot View Certificates of Occupancy

DOB Special Place Name:
DOB Building Remarks:

Landmark Status:		**Special Status:**	N/A
Loft Law:	NO	**Local Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO	**Special District:**	N/A
Little 'E' Restricted:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Historic Block:	936	**Historic Lots:**	12
Other BINs:	NONE		

Department of Finance Occupancy Code: K1-STORE BUILDING

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open
Complaints	1	0
Violations-DOB	5	5
Violations-ECB	4	3

This property has 1 open DOB and 2 open ECB "Work Without A Permit" Violations and may be subject to DOB civil penalties upon application for a permit. After obtaining the permit, a certificate of correction must be filed on the ECB violations.

Jobs/Filings	0
PRA / ARA Jobs	0
Total Jobs	0
Actions	15

OR Enter Action Type:
OR Select from List:
Select...
AND Show Actions

Elevator Records
Electrical Applications
Permits In-Process / Issued
Illuminated Signs Annual Permits
Plumbing Inspections
Open Plumbing Jobs / Work Types
Facade Status Information
Marquee Annual Permits
Boiler Compliance
DEP Boiler Information

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

NYC BUILDINGS

NYC.gov always open

NYC Department of Buildings

ECB Violation Details

Premises: 248 FLATBUSH AVENUE BROOKLYN **BIN: 3018773 Block: Lot:**

Filed At: 250 FLATBUSH AVENUE , BKN , NY 11217

ECB Viol Number: 34162126Z **VIOL ACTIVE** **Status: NO COMPL RECORD**

Respondent Info:
P. ARUTI INC . 266 FLATBUSH AVENUE , BROOKLYN , NY 11217

CB: 306
GEO Flag: 2

Viol Issue Date:	10/08/1997	**Delivered Date:**	12/23/1997		
Viol Type:	CN - CONSTRUCTION	**DOB Viol Number:**	100897C05M02		
Issuing Insp ID:	0427	**Tax Lien Serv:**	NO		
Device Type:		**Device Number:**	3814877		
Sched Hrg Date:	04/13/1998	**Hearing Time:**	8:30	**Location:**	BKN
Amount Imposed:	$1,000.00	**Amount Paid:**	$0.00		
Hearing Status:	F - DEFAULT	**Compl Status:**	N - NO COMPL RECORD		
Compl By Date:	06/30/1998	**Compl Met Flag:**			
Compl Met Date:		**Viol Severity:**	B - MODERATE		

Infraction Codes:
B04 27-147 WORK WITHOUT A PERMIT

Description of Violation:
WORK WITHOUT A PERMIT. NEW PARTITIONS, CEILING AND NEW STORE FRONT HAS BEEN CONSTRUCTED. REMEDY: OBTAIN PERMIT.

Historical Event Dates:

CUR:	**HRG:**	**COM:**	**DEF:**	**STIP ACC:**
AJR:	**ASG:**	**WRI:**	**Cominsp:**	**Comdoc:**

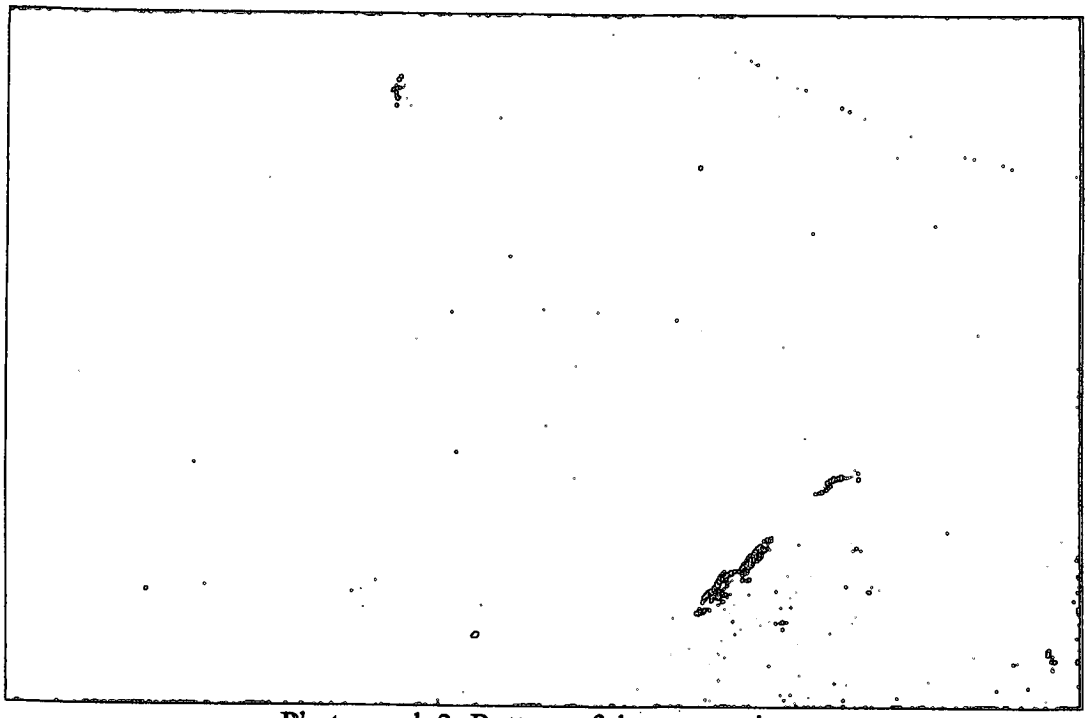
If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

APPENDIX C

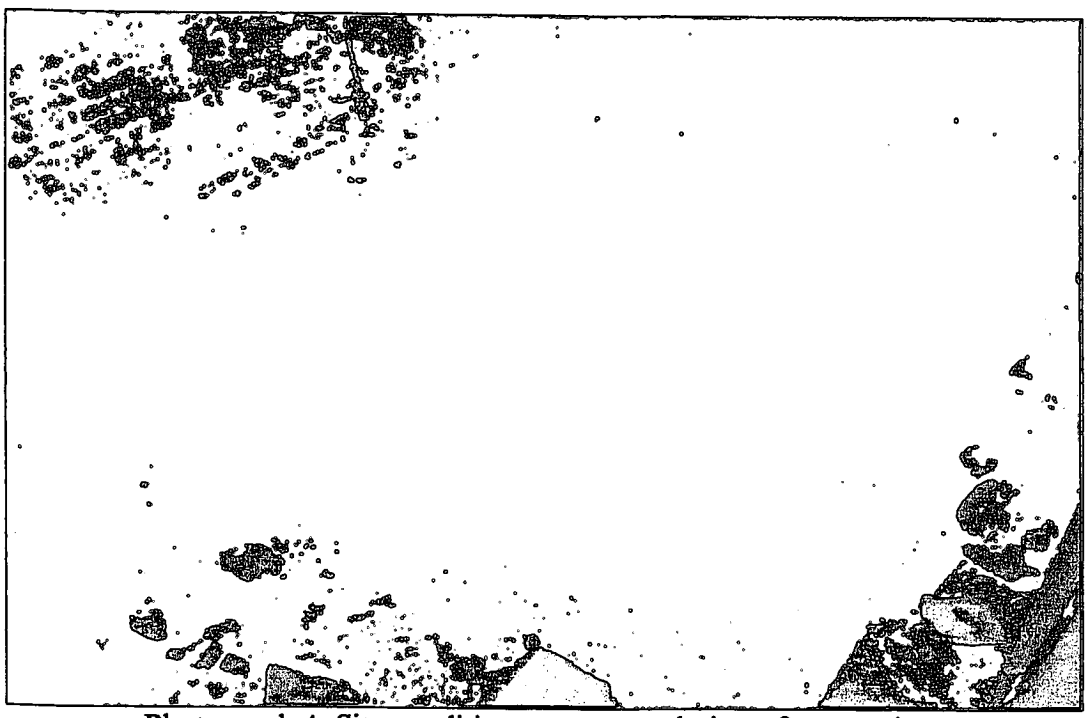
EXCAVATION PHOTOGRAPHS

Photograph 1: Setting up equipment for soil excavation.

Photograph 2: Removal of soil from boiler room.



Photograph 3: Bottom of the excavation.



Photograph 4: Site conditions upon completion of excavation.

APPENDIX D

SOIL DISPOSAL DOCUMENTATION

Clean Earth of Philadelphia, Inc
3201 South 61st Street
Philadelphia, PA 19153

Transaction No.
27023

			Date	Time	Scale
			In: 09/15/2005	09:09	1
			Out: 09/15/2005	09:24	1
Vehicle ID:	FCI626	Freehold Cartage, Inc			
Customer ID:	IR	INNOVATIVE RECYCLING	Gross:	19.56 tn	(M)
Job# ID:	6884	Cinderrella Cleaners	Tare:	15.16 tn	
Material ID:	001	Soil	Net:	4.40 tn	
Manefest ID:					

Comments:
Operator: 4 Charge by Weight

Driver Signature: H. Reed

Operator Signature:

CLEAN EARTH OF PHILADELPHIA, INC.
3201 SOUTH 61ST. STREET, PHILADELPHIA, PA. 19153
NONHAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name: Cinderella Cleaners
Address: 248 Flatbush Ave, Brooklyn, NY 11217
Telephone Number: 718-638-3104
Site Address: Same

Approval No.	Description of Material	Gross Weight	Tare Weight	Net Weight	Net Weight (tons)
6884	petroleum Contaminated Soil	19.56	15.16	4.40	

I hereby certify that the above named material does not contain free liquid as defined by 40CFR260.01 or any applicable state law, is not a hazardous waste as defined by 40CFR261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

x DAVID ARONOWICZ — Agt. 9/13/05
Generator/Authorized Agent — Signature (Title) — Shipment Date

TRANSPORTER

Trans Name: Freehold Cartage Inc.
Address: Route 33 East, Freehold, NJ
Driver Name: AL JOHNSON
Vehicle Lic. No /State: AA 396E (NJ)
Truck Number: 626

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature — 9/13/05 Shipment Date
Driver Signature — 9-15-05 Shipment Date

DESTINATION

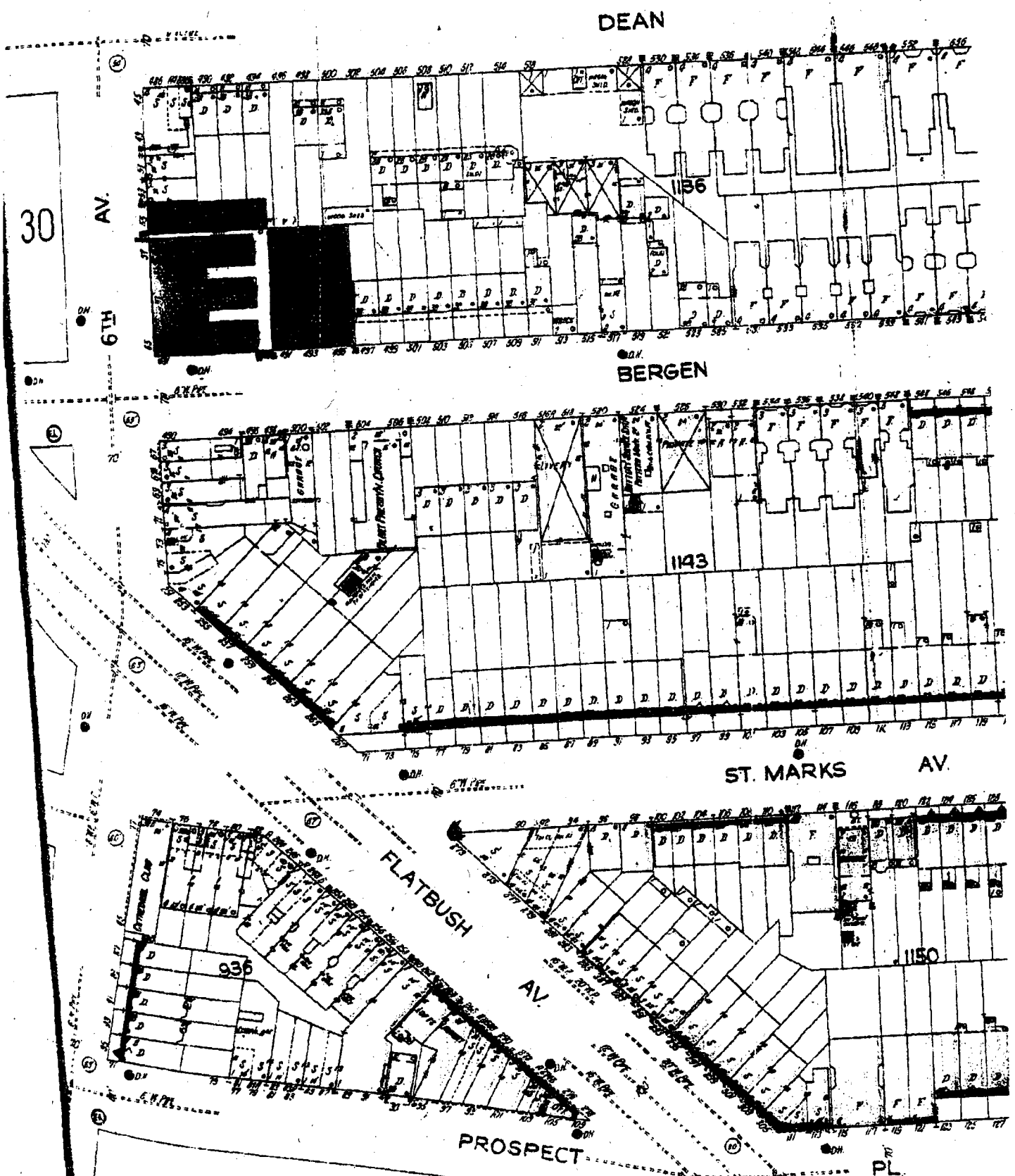
Site: Clean Earth of Philadelphia, Inc.
Site Address: 3201 South 61st. Street, Philadelphia, PA 19153-3592
Site Phone: (215) 724-5520 Fax: (215) 724-2939

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

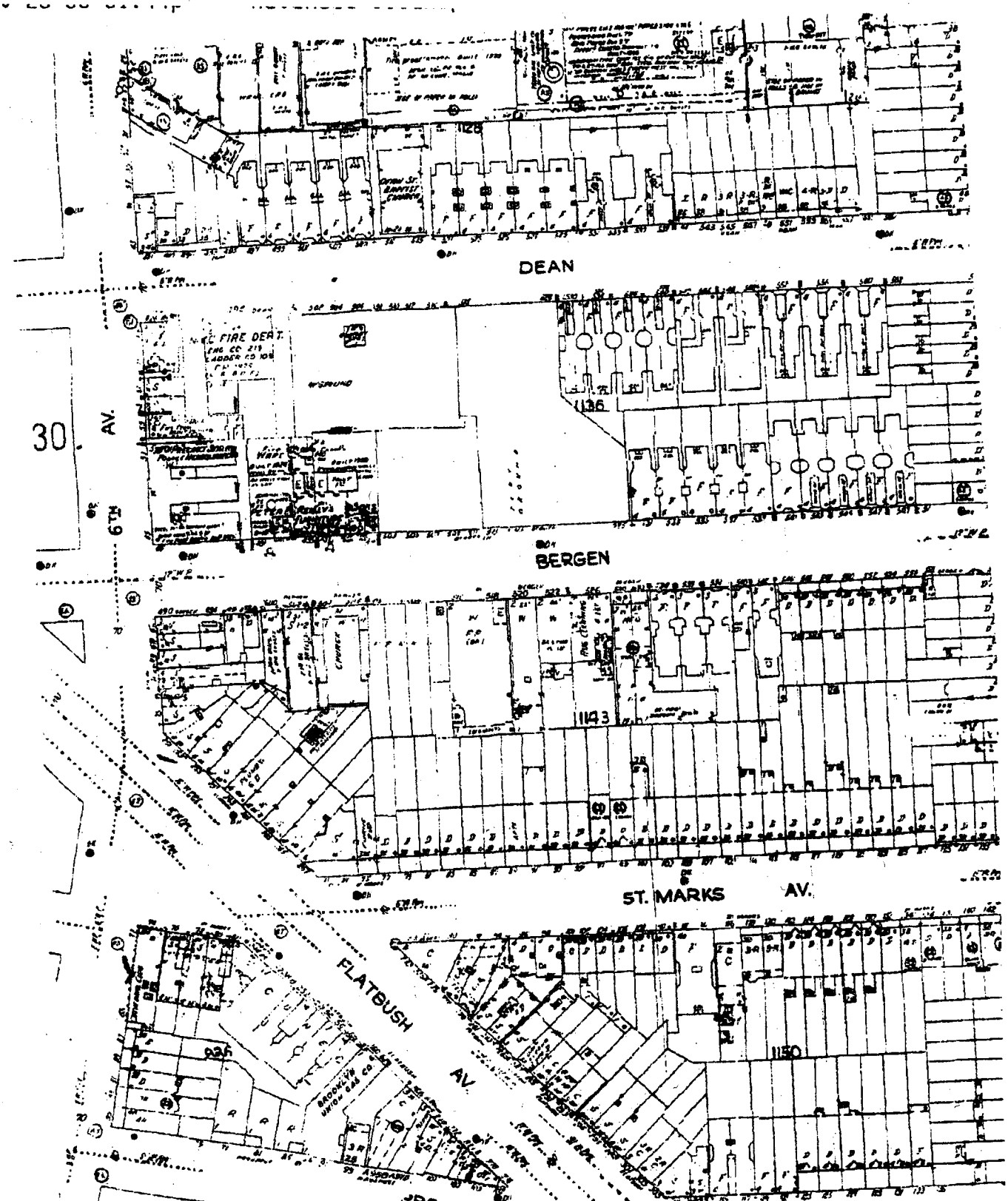
Facility Agent (Print) — Signature — Receipt Date

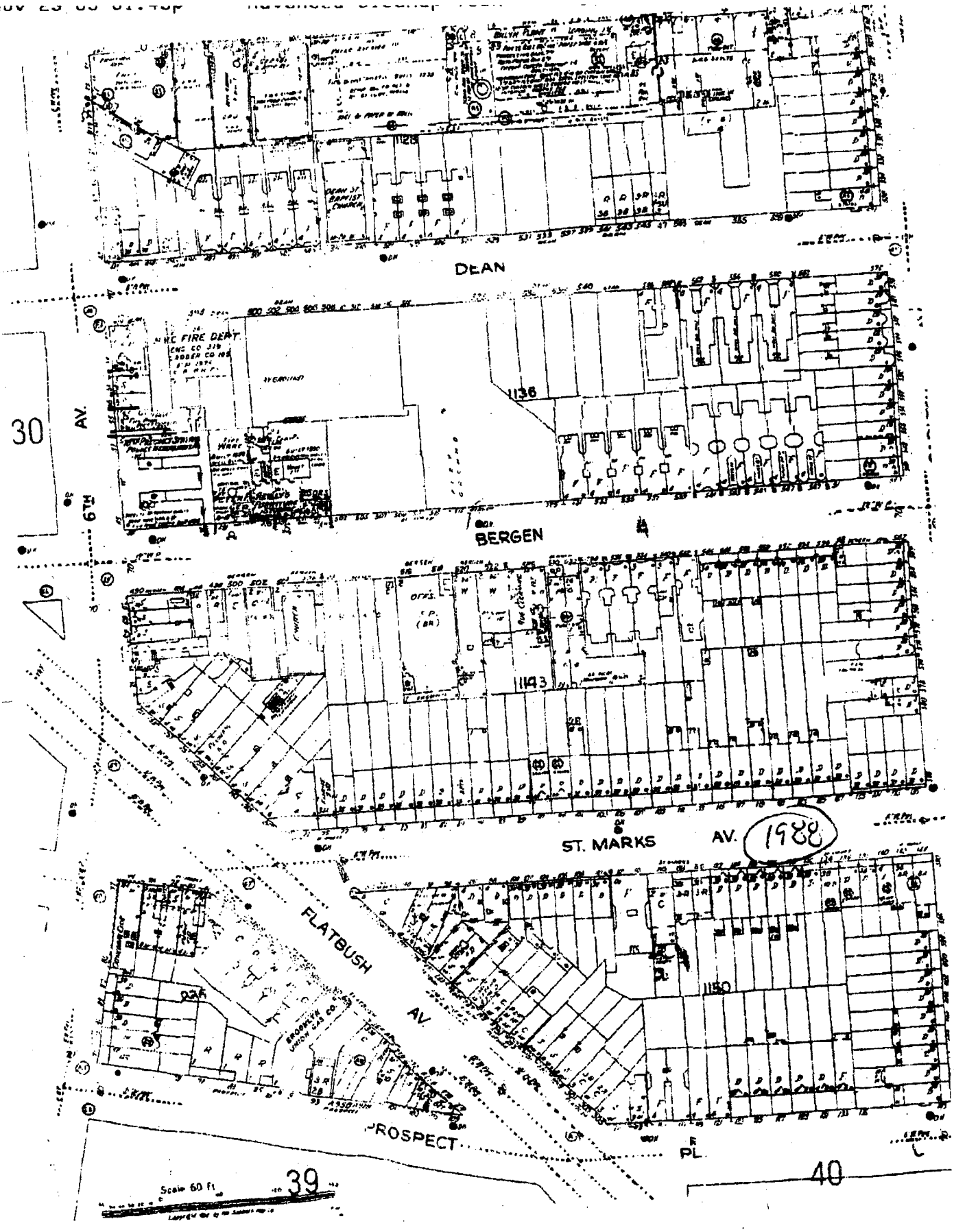
White: Generator — Canary: Transporter — Pink: Facility — Gold: Invoice

APPENDIX D
FIRE INSURANCE MAPS


DEAN
30
AV.
6TH
1136
BERGEN
1143
ST. MARKS
AV.
FLATBUSH
AV.
936
1150
PROSPECT
PL.
Scale 60 Ft to One Inch.
39
1926


30 AV.
6TH
PLAYGROUND
1136
BERGEN
1143
ST. MARKS
FLATBUSH
AV.
936
1951
PROSPECT
PL.
Scale 60 Ft to One Inch
39


DEAN
BERGEN
30 AV.
6TH
ST. MARKS AV.
FLATBUSH AV.
PROSPECT PL
1982
39
40


DEAN
BERGEN
ST. MARKS AV.
1988
FLATBROOK AV.
PROSPECT PL.
30 AV.
6TH
1128
1136
1143
1150
Scale 60 ft
39
40

APPENDIX E

DATABASE SEARCH RESULTS

NYC BUILDINGS

.gov always open

NYC Department of Buildings

Open ECB "Work Without a Permit" Violations

Premises: 248 FLATBUSH AVENUE BROOKLYN **BIN #: 3018773 Block: 936 Lot: 12**

A	ECB NUM / INF CD	RESPONDENT NAME	DATE OF ISSUANCE & DOB VIOL NUMB / PROV LAW	VIOL TYPE	STATUS
A	34040942L B04	250 FLATBUSH AVE	050490C02F01 B04 - 27-147	CONS	OVERDUE
A	34162126Z B04	P. ARUTI INC	100897C06M02 B04 - 27-147	CONS	NO COMP

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

NYC BUILDINGS

NYC.gov always open

NYC Department of Buildings

ECB Query By Location

Premises: 248 FLATBUSH AVENUE BROOKLYN BIN #: 3018773 Block: 936 Lot: 12 CB: 306

A	ECB NUM / INF CD	RESPONDENT NAME	DATE OF ISSUANCE & DOB VIOL NUMB / PROV LAW	VIOL TYPE	STATUS
A	34040942L B04	250 FLATBUSH AVE	050490C02F01 27-147	CONS	OVERDUE
A	341621267 B04	P. ARUTI INC	100897C06M02 27-147	CONS	NO COMP
A	32046285P B48	CINDERELLA CLEANING	101304B6697601 27-127	BOIL	NO COMP
D	34133823L B04	ARONOWICZ SHALOM AND	020796C02H02 27-147	CONS	VIO DIS

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NYC BUILDINGS

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NYC Department of Buildings

DOB Violation Display

Premises: 248 FLATBUSH AVENUE BROOKLYN **BIN: 3018773 Block: 936 Lot: 12**

Issue Date:	10/08/1997	**Violation Category:**	VW - VIOLATION WORK WITHOUT PERMIT - ACTIVE
Violation Type:	C - CONSTRUCTION	**Device No.:**	
Violation Number:	06M02	**ECB No.:**	34162126Z (refer to for further details)

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

Description

Location

Primary address	248 Flatbush Ave
Zip	11217
Borough	Brooklyn
Lot	00936-0012
Alternate addresses	248 Flatbush Ave
School district	13
Community board	6
Police precinct	78 web site/crime stats
School district	13 map/schools
City council	33 map
Political contributions	search

Property Tax Assessment

City assessor's estimate of market value	$188,000
Land portion	$109,000
Total assessed value	$83,700
Tax class	4

Square Feet

Building SF	2,310
Retail SF	2,310
Lot SF	2,310

Zoning, Use & C-of-O

Certificate of occupancy	Click here
Building class	Store building, one story (K1)
Zoning district	C2-4/R7A
Residential units	0
Commercial units	2

Ratio of Building SF to Lot SF (FAR)

FAR as built	1
Max allowed FAR	4
SF under FAR	6930

Building

Building dimensions	119 ft x 58 ft
Lot dimensions	119 ft x 70.92 ft
Corner lot	No
Stories	001.00
Buildings on lot	1
Has extension	No
Has garage	No
Year built	1921

Disclaimer

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