ENVIRONMENTAL CONSULTING & MANAGEMENT
ROUX ASSOCIATES INC

209 Shafter Street
Islandia, New York 11749 TEL 631-232-2600 FAX 631-232-9898

August 17, 2010

Ms. Kelly Lewandowski
Chief, Site Control Section
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7020

Re: Brownfields Cleanup Program Application/Remedial Investigation Work Plan
900 Old Country Road - Garden City, New York

Dear Ms. Lewandowski:

On behalf of our client, Equity One, Roux Associates is submitting a Brownfields Cleanup Program Application and a Remedial Investigation Cleanup Plan for 900 Old Country Road, Garden City, New York. Included in this submission is a hard copy with original signatures and an electronic copy on compact disc. Additionally, a hard copy and an electronic copy have been submitted to Walter Parish in NYSDEC Region 1.

If you have any questions concerning this submittal, please contact me at (631)-232-2600.

Sincerely,

ROUX ASSOCIATES, INC.

Craig A. Werle, P.G.
Principal Hydrogeologist

Enclosure

cc: Michael Berfield, Equity One
Mark Chertok, Sive, Paget & Riesel, P.C.

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

BROWNFIELD CLEANUP PROGRAM (BCP)

ECL ARTICLE 27 / TITLE 14

DEPARTMENT USE ONLY
BCP SITE #:

07/2010

Section I. Requestor Information

NAME Equity One (Northeast Portfolio) Inc.

ADDRESS 650 Fifth Avenue, 24th Floor

CITY/TOWN New York, New York ZIP CODE 10019

PHONE (212) 796-1742 | FAX (212) 247-0088 | E-MAIL mberfield@equityone.net

Is the requestor authorized to conduct business in New York State (NYS)? ☑ Yes ☐ No

-If the requestor is a Corporation, LLC, LLP or other entity requiring authorization from the NYS Department of State to conduct business in NYS, the requestor's name must appear, exactly as given above, in the NYS Department of State's Corporation & Business Entity Database. A print-out of entity information from the database must be submitted to DEC with the application, to document that the applicant is authorized to do business in NYS.

NAME OF REQUESTOR'S REPRESENTATIVE Michael Berfield

ADDRESS Same as above

CITY/TOWN ZIP CODE

PHONE | FAX | E-MAIL

NAME OF REQUESTOR'S CONSULTANT Craig Werle, Roux Associates, Inc.

ADDRESS 209 Shafter Street

CITY/TOWN Islandia, New York ZIP CODE 11749

PHONE (631) 232-2600 | FAX (631) 232-9898 | E-MAIL cwerle@rouxinc.com

NAME OF REQUESTOR'S ATTORNEY Mark Chertok, Sive, Paget & Riesel, P.C.

ADDRESS 460 Park Avenue

CITY/TOWN New York, New York ZIP CODE 10022

PHONE (212) 421-2150 | FAX (212) 421-1891\ 2035 | E-MAIL mchertok@sprlaw.com

THE REQUESTOR MUST CERTIFY THAT HE/SHE IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL 27-1405 (I) BY CHECKING ONE OF THE BOXES BELOW:

☐ PARTICIPANT
A requestor who either I) was the owner of the site at the time of the disposal of hazardous waste or discharge of petroleum or 2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of, or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum.

☑ VOLUNTEER
A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum.

NOTE: By checking this box, the requestor certifies that he/she has exercised appropriate care with respect to the hazardous waste found at the facility by taking reasonable steps to: i) stop any continuing discharge; ii) prevent any threatened future release; and iii) prevent or limit human, environmental, or natural resource exposure to any previously released hazardous waste.

Requestor Relationship to Property (check one):

☐ Previous Owner ☑ Current Owner ☐ Potential /Future Purchaser ☐ Other_____

If requestor is not the site owner, requestor will have access to the property throughout the BCP project. ☐ Yes ☐ No

-Proof of site access must be submitted for non-owners

Section II. Property Information

Check here if this application is to request significant changes to property set forth in an existing BCA: ☐

Existing BCP site number: _____

PROPERTY NAME Former Avis Headquarters Property

ADDRESS/LOCATION 900 Old Country Road CITY/TOWN Garden City, New York ZIP CODE 11530

MUNICIPALITY(IF MORE THAN ONE, LIST ALL): Hamlet of Garden City, Town of Hempstead

COUNTY Nassau SITE SIZE (ACRES) 21.85

LATITUDE (degrees/minutes/seconds) 40 ° 44 ' 39 " LONGITUDE (degrees/minutes/seconds) 37 ° 36 ' 18 "

HORIZONTAL COLLECTION METHOD: ☐ SURVEY ☐ GPS ☑ MAP HORIZONTAL REFERENCE DATUM: Transverse Mercator Zone 18

COMPLETE TAX MAP INFORMATION FOR ALL TAX PARCELS INCLUDED WITHIN THE PROPERTY BOUNDARIES. ATTACH REQUIRED MAPS PER THE APPLICATION INSTRUCTIONS.

Parcel Address	Parcel No.	Section No.	Block No.	Lot No.	Acreage
900 Old Country Road, Garden City, New York	1	44	67	26	7.6
	2	44	67	27	1.1
	3	44	67	28	13.2

1. Do the property boundaries correspond to tax map metes and bounds? ☑ Yes ☐ No
   If no, please attach a metes and bounds description of the property.
2. Is the required property map attached to the application? (application will not be processed without map) ☑ Yes ☐ No
3. Is the property part of a designated En-zone pursuant to Tax Law § 21(b)(6)? ☐ Yes ☑ No
   For more information please see Empire State Development's website.
   If yes, identify area (name) _____
   Percentage of property in En-zone (check one): ☐ 0-49% ☑ 50-99% ☐ 100%
4. Is this application one of multiple applications for a large development project, where the development project spans more than 25 acres (see additional criteria in BCP application instructions)? If yes, identify name of properties in related BCP applications: _____ ☐ Yes ☑ No

5. Property Description Narrative:

See Attachment A

6. List of Existing Easements (type here or attach information)

Easement Holder — Description

Based on a review of the property deed, no easements, environmental liens, deed restrictions or activity use limitations have been recorded for the property. See Attachment B

7. List of Permits issued by the NYSDEC or USEPA Relating to the Proposed Site (type here or attach information)

Type — Issuing Agency — Description

None Identified

If any changes to Section II are required prior to application approval, a new page, initialed by each requestor, must be submitted.

Initials of each Requestor: _____

Section III. Current Property Owner/Operator Information

OWNER'S NAME Same as Requestor		
ADDRESS		
CITY/TOWN	ZIP CODE	
PHONE	FAX	E-MAIL
OPERATOR'S NAME		
ADDRESS		
CITY/TOWN	ZIP CODE	
PHONE	FAX	E-MAIL

Section IV. Requestor Eligibility Information (Please refer to ECL § 27-1407)

If answering "yes" to any of the following questions, please provide an explanation as an attachment.

1. Are any enforcement actions pending against the requestor regarding this site? ☐ Yes ☑ No
2. Is the requestor subject to an existing order relating to contamination at the site? ☐ Yes ☑ No
3. Is the requestor subject to an outstanding claim by the Spill Fund for this site? ☐ Yes ☑ No
4. Has the requestor been determined to have violated any provision of ECL Article 27? ☐ Yes ☑ No
5. Has the requestor previously been denied entry to the BCP? ☐ Yes ☑ No
6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving contaminants? ☐ Yes ☑ No
7. Has the requestor been convicted of a criminal offense that involves a violent felony, fraud, bribery, perjury, theft, or offense against public administration? ☐ Yes ☑ No
8. Has the requestor knowingly falsified or concealed material facts or knowingly submitted or made use of a false statement in a matter before the Department? ☐ Yes ☑ No
9. Is the requestor an individual or entity of the type set forth in ECL 27-1407.8(f) that committed an act or failed to act, and such act or failure to act could be the basis for denial of a BCP application? ☐ Yes ☑ No

Section V. Property Eligibility Information (Please refer to ECL § 27-1405)

1. Is the property, or was any portion of the property, listed on the National Priorities List? ☐ Yes ☑ No
   If yes, please provide relevant information as an attachment.
2. Is the property, or was any portion of the property, listed on the NYS Registry of Inactive Hazardous Waste Disposal Sites? ☐ Yes ☑ No
   If yes, please provide: Site #_____ Class # _____
3. Is the property subject to a permit under ECL Article 27, Title 9, other than an Interim Status facility? ☐ Yes ☑ No
   If yes, please provide: Permit type:_____ EPA ID Number:_____
   Date permit issued:_____ Permit expiration date:_____
4. Is the property subject to a cleanup order under navigation law Article 12 or ECL Article 17 Title 10? ☐ Yes ☑ No
   If yes, please provide: Order #_____
5. Is the property subject to a state or federal enforcement action related to hazardous waste or petroleum? ☐ Yes ☑ No
   If yes, please provide explanation as an attachment.

Section VI. Project Description

What stage is the project starting at? ☑ Investigation ☐ Remediation

Please attach a description of the project which includes the following components:

- Purpose and scope of the project
- Estimated project schedule

See Attachment C

Section VII. Property's Environmental History

To the extent that existing information/studies/reports are available to the requestor, please attach the following:

1. **Environmental Reports**

A Phase I environmental site assessment report prepared in accordance with ASTM E 1527 (American Society for Testing and Materials: Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process), and all environmental reports related to contaminants on or emanating from the site. See Attachment D

If a final investigation report is included, indicate whether it meets the requirements of ECL Article 27-1415(2): ☐Yes ☑No

2. SAMPLING DATA: INDICATE KNOWN CONTAMINANTS AND THE MEDIA WHICH ARE KNOWN TO HAVE BEEN AFFECTED. LABORATORY REPORTS SHOULD BE REFERENCED AND COPIES INCLUDED.

Contaminant Category	Soil	Groundwater	Surface Water	Sediment	Soil Gas
Petroleum	X	X			
Chlorinated Solvents	X				X
Other VOCs					
SVOCs	X				
Metals	X	X			
Pesticides					
PCBs	X				
Other*					

*Please describe: _____

3. SUSPECTED CONTAMINANTS: INDICATE SUSPECTED CONTAMINANTS AND THE MEDIA WHICH MAY HAVE BEEN AFFECTED. PROVIDE BASIS FOR ANSWER AS AN ATTACHMENT.

Contaminant Category	Soil	Groundwater	Surface Water	Sediment	Soil Gas
Petroleum					
Chlorinated Solvents					
Other VOCs	X				X
SVOCs					
Metals					
Pesticides					
PCBs					
Other*	X				

*Please describe: 1) Radium-226 in Soil (Other VOCs = Fluorocarbons)

4. INDICATE KNOWN OR SUSPECTED SOURCES OF CONTAMINANTS (CHECK ALL THAT APPLY). PROVIDE BASIS FOR ANSWER AS AN ATTACHMENT.

☐Above Ground Pipeline or Tank ☐Lagoons or Ponds ☐Underground Pipeline or Tank ☐Surface Spill or Discharge
☑Routine Industrial Operations ☐Dumping or Burial of Wastes ☑Septic tank/lateral field ☐Adjacent Property
☐Drums or Storage Containers ☑Seepage Pit or Dry Well ☐Foundry Sand ☑Electroplating
☐Coal Gas Manufacture ☐Industrial Accident ☐Unknown
Other: _____

5. INDICATE PAST LAND USES (CHECK ALL THAT APPLY):

☐Coal Gas Manufacturing ☑Manufacturing ☐Agricultural Co-op ☐Dry Cleaner ☐Salvage Yard ☐Bulk Plant
☐Pipeline ☐Service Station ☐Landfill ☐Tannery ☑Electroplating ☐Unknown
Other: Luminous Dial Manufacturing and Refrigeration

6. PROVIDE A LIST OF PREVIOUS PROPERTY OWNERS AND OPERATORS WITH NAMES, LAST KNOWN ADDRESSES AND TELEPHONE NUMBERS AS AN ATTACHMENT. DESCRIBE REQUESTOR'S RELATIONSHIP, IF ANY, TO EACH PREVIOUS OWNER AND OPERATOR. IF NO RELATIONSHIP, PUT "NONE". See Attachment E and Attachment F

Section VIII. Contact List Information

Please attach, at a minimum, the names and addresses of the following: See Attachment G

1. The chief executive officer and planning board chairperson of each county, city, town and village in which the property is located.
2. Residents, owners, and occupants of the property and properties adjacent to the property.
3. Local news media from which the community typically obtains information.
4. The public water supplier which services the area in which the property is located.
5. Any person who has requested to be placed on the contact list.
6. The administrator of any school or day care facility located on or near the property.
7. The location of a document repository for the project (e.g., local library). In addition, attach a copy of a letter sent to the repository acknowledging that it agrees to act as the document repository for the property.

Section IX. Land Use Factors (Please refer to ECL § 27-1415(3))

1. Current Use: ☐Residential ☑Commercial ☐Industrial ☑Vacant ☐Recreational (check all that apply)
Provide summary of business operations as an attachment.

2. Intended Use Post Remediation: ☐Unrestricted ☐Residential ☑Commercial ☐Industrial (check all that apply)
Provide specifics as an attachment.

3. Do current historical and/or recent development patterns support the proposed use? (See #14 below re: discussion of area land uses)	☑Yes ☐No
4. Is the proposed use consistent with applicable zoning laws/maps?	☑Yes ☐No
5. Is the proposed use consistent with applicable comprehensive community master plans, local waterfront revitalization plans, designated Brownfield Opportunity Area plans, other adopted land use plans?	☑Yes ☐No
6. Are there any Environmental Justice Concerns? (See §27-1415(3)(p)). See Attachment J	☐Yes ☑No
7. Are there any federal or state land use designations relating to this site?	☐Yes ☑No
8. Do the population growth patterns and projections support the proposed use?	☑Yes ☐No
9. Is the property accessible to existing infrastructure?	☑Yes ☐No
10. Are there important cultural resources, including federal or state historic or heritage sites or Native American religious sites within ½ mile?	☐Yes ☑No
11. Are there important federal, state or local natural resources, including waterways, wildlife refuges, wetlands, or critical habitats of endangered or threatened species within ½ mile? See Attachment H	☑Yes ☐No
12. Are there floodplains within ½ mile?	☐Yes ☑No
13. Are there any institutional controls currently applicable to the property?	☐Yes ☑No

14. Describe the proximity to real property currently used for residential use, and to urban, commercial, industrial, agricultural, and recreational areas in an attachment. See Attachment I and Figure 2

15. Describe the potential vulnerability of groundwater to contamination that might migrate from the property, including proximity to wellhead protection and groundwater recharge areas in an attachment. See Attachment J

16. Describe the geography and geology of the site in an attachment. See Attachment J

Section X. Statement of Certification and Signatures

(By requestor who is an individual)

If this application is approved, I acknowledge and agree to the general terms and conditions set forth in DER-32 *Brownfield Cleanup Program Applications and Agreements* and to execute a Brownfield Cleanup Agreement (BCA) within 60 days of the date of DEC's approval letter. I also agree that in the event of a conflict between the general terms and conditions of participation set forth in DER-32 and the terms contained in a site-specific BCA, the terms in the BCA shall control. I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law.

Date: _____ Signature: _____ Print Name: _____

(By an requestor other than an individual)

I hereby affirm that I am VP (title) of _____(entity); that I am authorized by that entity to make this application; that this application was prepared by me or under my supervision and direction. If this application is approved, I acknowledge and agree to the general terms and conditions set forth in DER-32 *Brownfield Cleanup Program Applications and Agreements* and to execute a Brownfield Cleanup Agreement (BCA) within 60 days of the date of DEC's approval letter. I also agree that in the event of a conflict between the general terms and conditions of participation set forth in DER-32 and the terms contained in a site-specific BCA, the terms in the BCA shall control. I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Date: 8/13/10 Signature: _____ Print Name: Michael Barfield

SUBMITTAL INFORMATION:

Three (3) complete copies are required.

- **Two (2)** copies, one paper copy with original signatures and one electronic copy in Portable Document Format (PDF) on a CD, must be sent to:

  Chief, Site Control Section
  New York State Department of Environmental Conservation
  Division of Environmental Remediation
  625 Broadway
  Albany, NY 12233-7020

- **One (1)** paper copy must be sent to the DEC regional contact in the regional office covering the county in which the site is located. Please check our website for the address of our regional offices.

FOR DEPARTMENT USE ONLY

BCP SITE T&A CODE: _____ **LEAD OFFICE:** _____

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

07/2010

BROWNFIELD CLEANUP PROGRAM (BCP)
INSTRUCTIONS FOR COMPLETING A BCP APPLICATION

The New York State Department of Environmental Conservation (DEC) strongly encourages all applicants to schedule a pre-application meeting with DEC staff to review the benefits, requirements, and procedures for completing a project in the BCP. Contact your Regional office to schedule a meeting. To add a party to an existing BCP Agreement and/or Application, use the BCP Application Amendment for a Change in Party.

SECTION I	**REQUESTOR INFORMATION**
Requestor Name	Provide the name of the person(s)/entity requesting participation in the BCP. (If more than one, attach additional sheets with requested information. If an LLC, the members/owners names need to be provided on a separate attachment). The requestor is the person or entity seeking DEC review and approval of the remedial program. If the requestor is a Corporation, LLC, LLP or other entity requiring authorization from the NYS Department of State to conduct business in NYS, the requestor's name must appear, exactly as given above, in the NYS Department of State's Corporation & Business Entity Database. A print-out of entity information from the database must be submitted to DEC with the application, to document that the applicant is authorized to do business in NYS.
Address, etc.	Provide the requestor's mailing address, telephone number; fax number and e-mail address.
Representative Name	Provide the name of the requestor's authorized representative. This is the person to whom all correspondence, notices, etc will be sent, and who will be listed as the contact person in the BCA.
Representative Address, etc	Provide the representative's mailing address, telephone number, fax number and e-mail address. Invoices will be sent to the representative unless another contact name and address is provided with the application.
Consultant Name	Provide the name of the requestor's consultant.
Consultant address, etc	Provide the mailing address, telephone number, fax number and e-mail address.
Attorney Name	Provide the name of the requestor's attorney.
Attorney address, etc	Provide the mailing address, telephone number, fax number and e-mail address.
Participant/Volunteer Certification	The requestor is required to certify whether it is applying as a "Participant" or a "Volunteer" as defined in Environmental Conservation Law (ECL) 27-1405.1.
Relationship to Property	The requestor is required to identify its relationship to the property (previous owner, current owner, etc). If the requestor is not the owner, proof of access to the property throughout the BCP project must be provided (e.g. an access agreement).

SECTION II	**PROPERTY INFORMATION**
DEC requires an application to request major changes to the description of the property set forth in the BCA (e.g., adding a significant amount of new property, or adding property that could affect an eligibility determination due to contamination levels or intended land use). The application must be submitted to DEC in the same manner as the original application to participate. **If any changes to this section are required prior to application approval, a new page, initialed by each requestor, must be submitted.**	
Property Name	Provide a name for the property. The name could be an owner's name, current or historical operations (i.e. ABC Furniture) or the general location of the property. Consider whether the property is know by DEC by a particular name, and if so, use that name.

SECTION II	**PROPERTY INFORMATION (Continued)**
Property Address	Provide a street address, city/town, zip code, and each municipality and county in which the property is located. For properties with multiple addresses, provide information for all.
Property Size	Provide the approximate acreage of the property.
GIS Information	Provide the latitude and longitude from the approximate center of the property. Show the latitude and longitude in degrees, minutes and seconds. Indicate method used to acquire the location (horizontal collection method); the Horizontal Reference Datum (NAD27 or NAD82) used in determining latitude and longitude coordinates; and the Reference Point. If more than one property is listed in the NIR, list separate latitude and longitudes.
Tax Parcel Information	Provide the tax parcel/section/block/lot information and map. Tax map information may be obtained from the tax assessor's office for all tax parcels that are included in the property boundaries. Attach a county tax map with identifier numbers, along with any figures needed to show the location and boundaries of the property. Include a USGS 7.5 minute quad map on which the property appears.
1. Tax Map Boundaries	State whether the boundaries of the property correspond to the tax map boundaries. If no, a metes and bounds description of the property must be attached. The site boundary can occupy less than a tax lot or encompass portions of one or more tax lots and may be larger or smaller than the overall redevelopment/reuse project area.
2. Map	Provide a property base map(s) of sufficient detail, clarity and accuracy to show the following: i*)* a distance of at least 1,000 feet around the proposed brownfield property at a scale no smaller than one inch equal to 200 feet; ii*)* map scale, north arrow orientation, date, and location of the property with respect to adjacent streets and roadways; iii*)* proposed brownfield property boundary lines, with adjacent property owners clearly identified; iv*)* surrounding land uses; and v*)* existing easements or rights-of-way currently in effect for the property(ies) comprising the property. A site survey with metes and bounds will be required to establish the site boundaries before the Remedial Investigation is approved.
3. En-zone	Is any part of the property in an En-zone? If so, what percentage? For information on En-zones, please see Empire State Development's website.
4. Multiple applications	Generally, only one application can be submitted, and one BCA executed, for a development project. In limited circumstances, the DEC may consider multiple applications/BCAs for a development project where 1) the development project spans more than 25 acres; 2) the approach does not negatively impact the remedial program, including timing, ability to appropriately address areas of concern, and management of off-site concerns; and 3) the approach is not advanced to increase the value of future tax credits (i.e., circumvent the tax credit caps provided under New York State Tax Law Section 21).
5. Property Description Narrative	Provide any additional relevant information.
6. Easements	Identify and describe all current easements, including names of easement holders.
7. Present or Past Permits	Identify any permits issued by the NYSDEC or USEPA.
SECTION III	**CURRENT PROPERTY OWNER/OPERATOR INFORMATION**
Owner Name	Provide the name of the current owner of the property. List all parties holding an interest in the property.
Owner Address, etc	Provide the owner's mailing address, telephone number, fax number and e-mail address.
Operator Name	Provide the name of the current operator (if different from the requestor or owner).
Operator Address, etc	Provide the operator's mailing address, telephone number, fax number and e-mail address.

SECTION IV REQUESTOR ELIGIBILITY INFORMATION

As a separate attachment, provide complete and detailed information in response to any eligibility questions answered in the affirmative. It is permissible to reference specific sections of existing property reports; however, it is requested that such information be summarized. For properties with multiple addresses or tax parcels, please include this information for each address or tax parcel.

1. Enforcement Action Pending	Are any enforcement actions relating to the proposed brownfield property pending against the requestor?
2. Existing Order	Is the requestor presently subject to an order for the investigation, removal or remediation of the contamination at the property?
3. Outstanding Spill Fund Claim	Is the requestor subject to an outstanding claim by the Spill Fund? Any questions regarding whether a party is subject to a spill claim should be discussed with the Spill Fund Administrator.
4. Violation of ECL Article 27	Has the requestor been determined in an administrative, civil or criminal proceeding to be in violation of i) any provision of the subject law; ii) any related order or determination; iii) any regulation implementing Title 14; or iv) any similar statute, regulation of the state or federal government? If so, provide an explanation on a separate attachment.
5. Previous BCP Denial	Has the requestor previously applied for and been denied entry into the BCP? If so, include information relative to the application, such as name, address, Department assigned site number, the reason for denial, and other relevant information.
6. Negligent/Intentionally Tortious Act	Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving the handling, storing, treating, disposing or transporting of contaminants?
7. Criminal Convictions	Has the requestor been convicted of a criminal offense i) involving the handling, storing, treating, disposing or transporting of contaminants; or ii) that involves a violent felony, fraud, bribery, perjury, theft, or offense against public administration (as that term is used in Article 195 of the Penal Law) under federal law or the laws of any state?
8. False Statements	Has the requestor knowingly falsified statements or concealed material facts in any matter within the jurisdiction of the Department, or submitted a false statement or made use of or made a false statement in connection with any document or application submitted to the Department?
9. BCP Application Denial	Is the requestor an individual or entity of the type set forth in ECL 27-1407.8(f) that committed an act or failed to act, and such act or failure to act could be the basis for denial of a BCP application?

SECTION V PROPERTY ELIGIBILITY INFORMATION

As a separate attachment, provide complete and detailed information in response to the following eligibility questions answered in the affirmative. It is permissible to reference specific sections of existing property reports; however, it is requested that that information be summarized.

1. CERCLA / NPL Listing	Is any portion of the property listed on the National Priorities List (NPL) established under CERCLA? If so, provide relevant information.
2. Registry Listing	Has any portion of the property ever been listed on the New York State Registry of Inactive Hazardous Waste Disposal Sites established under ECL 27-1305? If so, please provide the site number and classification. See the Division of Environmental Remediation (DER) website for a database of sites with classifications.
3. RCRA	Does the property have a Resource Conservation and Recovery Act (RCRA) TSDF Permit in accordance with the ECL 27-0900 *et seq*? If so, please provide the EPA Identification Number, the date the permit was issued, and its expiration date. See DER website for a list of RCRA permitted sites. Note: for purposes of this application, interim status facilities are not deemed to be subject to a RCRA permit.

SECTION V	PROPERTY ELIGIBILITY INFORMATION (Continued)
4. Existing Order	Is the property subject to an order for cleanup under Article 12 of the Navigation Law or Article 17 Title 10 of the ECL? If so, please provide information on an attachment. Note: if the property is subject to a stipulation agreement, relevant information should be provided; however, property will not be deemed ineligible solely on the basis of the stipulation agreement.
5. Enforcement Action Pending	Is the property subject to an enforcement action under Article 27, Titles 7 or 9 of the ECL or subject to any other ongoing state or federal enforcement action related to the contamination which is at or emanating from the property? If so, please provide information on an attachment.

SECTION VI **PROJECT DESCRIPTION**

As a separate attachment, provide complete and detailed information about the project, including the purpose of the project, proposed use after remediation and the estimated project schedule.

SECTION VII	PROPERTY ENVIRONMENTAL HISTORY
1. Environmental Reports	Summarize the results of all previous environmental studies, including any Phase I or Phase II Investigations as well as maps and data. The summary should include information concerning past uses, known or suspected contamination, and the names of any known primary contaminants to be addressed. Copies of all environmental reports and assessments must be included. The application must identify the standard used to prepare such reports (e.g. ASTM E 1527 [American Society for Testing and Materials: Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process])
2. Sampling Data	Provide a table of known contaminants (from sampling and analysis) at the property with the maximum concentration detected and the media in which each contaminant was detected. Reference and include laboratory reports.
3. Suspected Contaminants	Provide a table of suspected contaminants and the media which may have been affected.
4. Known or Suspected Sources of Contamination	Indicate any known or suspected sources of contamination.
5. Past Land Uses	Indicate past land uses.
6. Previous Owners and Operators	Provide the names, address and phone numbers of all previous owners and operators, including a statement as to any relationship of the requestor to any prior owner(s).

SECTION VIII **CONTACT LIST INFORMATION**

Provide the names and addresses of the parties on the Site Contact List (SCL). The SCL consists of (i) the chief executive officer and planning board chairperson of each county, city, town, and village in which the site is located; ii) residents, owners, and occupants of the site and properties immediately adjacent to the site; iii) local news media from which the community typically obtains information; iv) the public water supplier which services the area in which the site is located; v) any person who has requested to be placed on the SCL; and, vi) the administrator of any school or day care facility located on or near the site. Also, provide the name and address of a document repository, along with a copy of a letter sent to the repository acknowledging that it agrees to act as the document repository for the site.

SECTION IX	LAND USE FACTORS
1. Current Use	Identify the current use category. Attach a summary of current business operations or uses, with an emphasis on identifying possible contaminant source areas. If operations or uses have ceased, provide the date.
2. Intended Use	Identify the use category post remediation. Attach a statement detailing the specific proposed use.

SECTION IX	LAND USE FACTORS (Continued)
3. Historical/current development	Is the proposed use consistent with historical and/or current development patterns for the neighborhood? (See "Adjacent Uses" description below).
4. Applicable zoning laws/maps	Is the proposed post-remediation use consistent with local zoning, planning and maps? Provide relevant documentation supporting the consistency.
5. Comprehensive Plans	Is the proposed post-remediation use consistent with applicable comprehensive community master plans, local waterfront revitalization plans, designated Brownfield Opportunity Area plans, and other adopted land use plans? Provide relevant documentation supporting the consistency.
6. EJ concerns	Are there any environmental justice concerns? If yes, explain.
7. Federal/State designations	Are there any federal or state land use designations relating to the property? If yes, explain.
8. Population growth patterns	Identify whether the growth patterns and projections support the proposed plan. Information on demographics can be found on Empire State Development's website.
9. Existing infrastructure	Is the property accessible to existing infrastructure (highways, utilities, sewer and water lines, etc)?
10. Cultural resources	Are there important cultural resources, including federal or state historic or heritage sites or Native American religious sites within ½ mile of the site? If yes, explain.
11. Natural Resources	Are there important federal, state or local natural resources, including waterways, wildlife refuges, wetlands, or critical habitats of endangered or threatened species within ½ mile? If yes, explain.
12. Flood Plains	Are there floodplains within ½ mile of the site? If yes, explain.
13. Institutional Controls	Does the property have any institutional controls imposed as part of a remedial program? If yes, describe the controls and the remedial program under which the controls were imposed.
I4. Adjacent uses	Attach a description of the general land uses (unrestricted, residential, commercial, industrial, agricultural, recreational, mixed, urban, etc.) in the area. Providing an area map depicting uses is the best approach.
I5. Groundwater vulnerability	Describe the potential vulnerability of groundwater to contamination that might migrate from the site, including proximity to wellhead protection and groundwater recharge areas, and other areas identified by the Department and the State's Comprehensive Groundwater Remediation and Protection Program.
16. Geography/Geology	Describe (in general terms) the geography and geology of the property on an attachment.

SECTION X	SIGNATURE PAGE

The Requestor must sign the application**, not** the requestor's representative, contact, consultant or attorney. If there are multiple parties applying, then each must sign a signature page.

NYS Department of State

Division of Corporations

Entity Information

The information contained in this database is current through August 12, 2010.

Selected Entity Name: EQUITY ONE (NORTHEAST PORTFOLIO) INC.
Selected Entity Status Information

Current Entity Name:	EQUITY ONE (NORTHEAST PORTFOLIO) INC.
Initial DOS Filing Date:	APRIL 08, 2010
County:	NASSAU
Jurisdiction:	MASSACHUSETTS
Entity Type:	FOREIGN BUSINESS CORPORATION
Current Entity Status:	ACTIVE

Selected Entity Address Information

DOS Process (Address to which DOS will mail process if accepted on behalf of the entity)
CORPORATION SERVICE COMPANY
80 STATE STREET
ALBANY, NEW YORK, 12207-2543

Registered Agent

NONE

This office does not record information regarding the names and addresses of officers, shareholders or directors of nonprofessional corporations except the chief executive officer, if provided, which would be listed above. Professional corporations must include the name(s) and address(es) of the initial officers, directors, and shareholders in the initial certificate of incorporation, however this information is not recorded and only available by viewing the certificate.

***Stock Information**

# of Shares	Type of Stock	$ Value per Share
No Information Available		

*Stock information is applicable to domestic business corporations.

Name History

Filing Date	Name Type	Entity Name
APR 08, 2010	Actual	EQUITY ONE (NORTHEAST PORTFOLIO) INC.

A **Fictitious** name must be used when the **Actual** name of a foreign entity is unavailable for use in New York State. The entity must use the fictitious name when conducting its activities or business in New York State.

NOTE: New York State does not issue organizational identification numbers.

Search Results New Search

Services/Programs | Privacy Policy | Accessibility Policy | Disclaimer | Return to DOS Homepage | Contact Us | Web Feedback

N

0 1000' 2000'

Title:

SITE LOCATION MAP

900 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK

Prepared for:

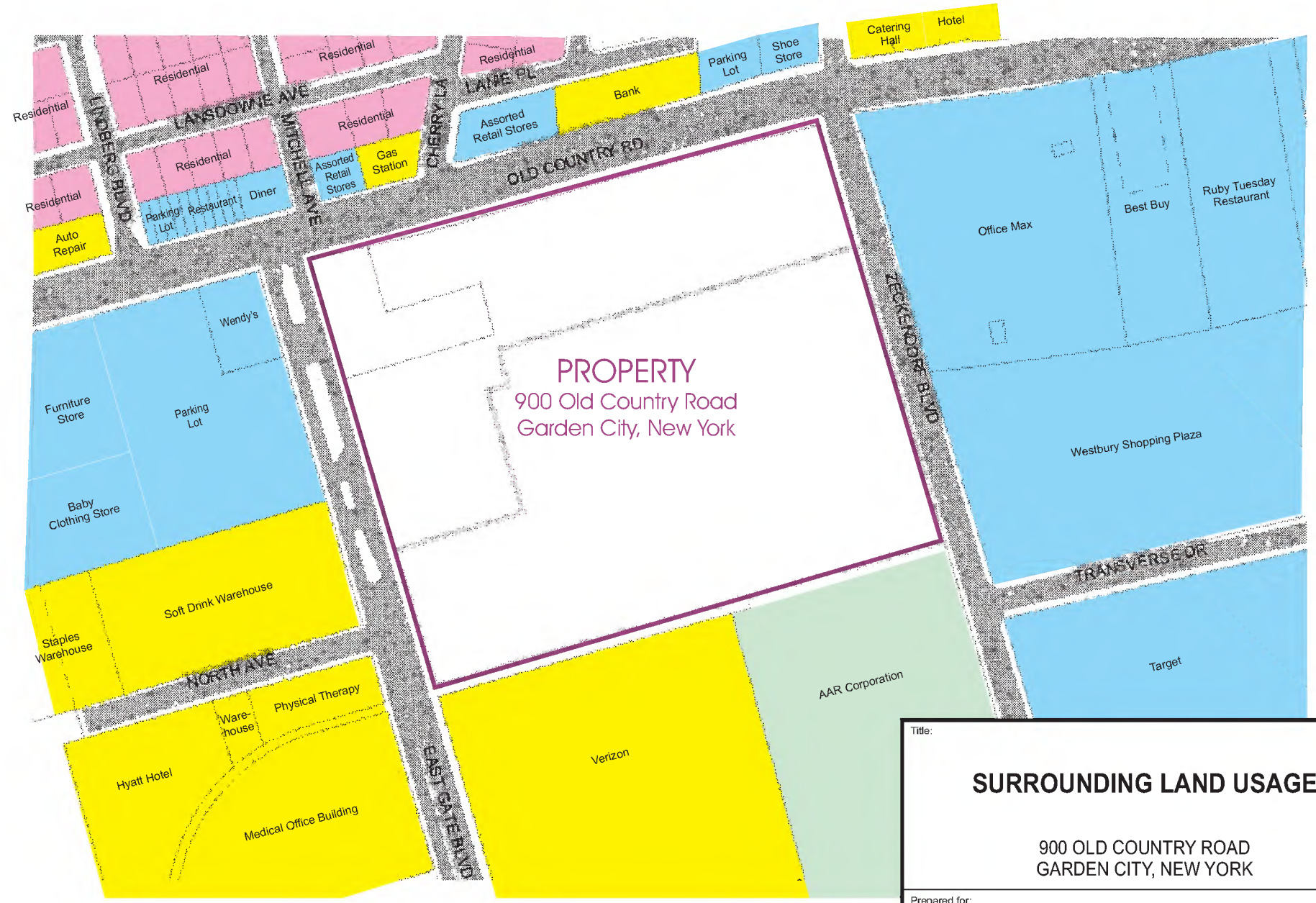
EQUITY ONE

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: B.H.	Date: 11MAR10	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	1
Project Mgr.: C.W.	Project No.: 1924.0001Y000	
File: EQO0110501.CDR		

\EQO1924Y\EQO01Y105\EQO0110501.CDR

\EQO1924Y\EQO01Y\105\EQO0110501.CDR



Title:

SURROUNDING LAND USAGE

900 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK

Prepared for:

EQUITY ONE

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: B.H.	Date: 12MAR10	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	2
Project Mgr.: C.W.	Project No.: 1924.0001Y000	
File: EQO0110501.CDR		

ATTACHMENT A

Property Information Summary Sheet

ATTACHMENT A

SECTION II PROPERTY INFORMATION SUMMARY SHEET

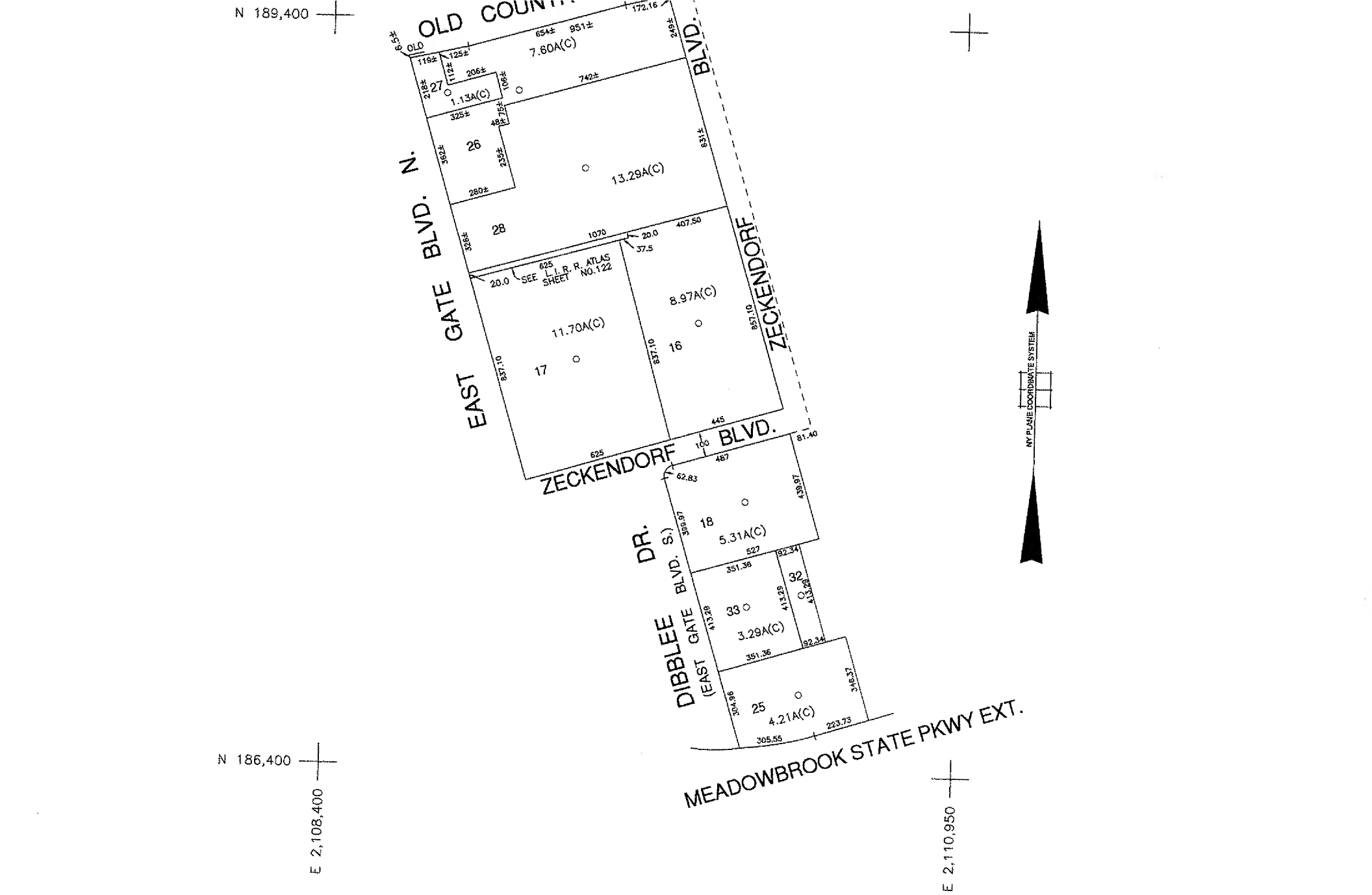
Property Description

The property is located at 900 Old Country Road in the Village of Garden City, Town of Hempstead, Nassau County, New York, zip code 11530 (see Figure 1). The property is situated on the south side of Old Country Road between Zeckendorf Boulevard to the east and East Gate Boulevard to the West. The property in aggregate is referred to as the former Avis Headquarters Property, and consists of approximately 21.8 acres containing paved parking lots and five building structures. The property is roughly square and comprised of three contiguous tax lots. The property is identified on the Nassau County Tax Assessors map (included below) as Section 44, Block 67, Lots 26, 27, and 28.

Lot 26 is approximately 7.6 acres and contains two paved parking lots and a three story vacant commercial office building (Avis Building). The Avis Building has a footprint of approximately 72,000 square feet. Lot 27 is comprised of approximately 1.1 acres and contains one paved parking lot and one, one-story, commercial building currently occupied by Thomasville Furniture (Thomasville Building). The Thomasville Building has a foot print of approximately 20,000 square feet. Lot 28 is comprised of approximately 13.1 acres and contains paved parking lots and three separate building structures; the Storage Building, approximately 4,000 square feet, the Manufacturing Building, approximately 22,400 square feet, and the Cendant Building, approximately 264,000 square feet. Of the five existing buildings on the property, only the Thomasville Furniture Building is currently occupied. The remaining four buildings are vacant.

The property is bordered to the north by Old Country Road. Further north (across Old Country Road) are retail operations including a cell phone store, retail strip store, restaurant, and diner, and commercial operations including a gasoline filling station, catering hall, and hotel. North of the retail and commercial operations are residential houses.

The property is bordered to the east by Zeckendorf Boulevard. Further east (across Zeckendorf Boulevard) are retail operations including an office supply store, electronics store, and a retail shopping center. The property is bordered to the west by East Gate Boulevard. Further west (across East Gate Boulevard) are retail operations including a restaurant, furniture store, and infant clothing store, and commercial operations such as a beverage warehouse, hotel, and medical office buildings. The property is bordered to the south by commercial operations including a phone company operations center, and an industrial operation known as AAR. AAR is involved in the refurbishing and resale of aircraft instruments and equipment. The adjacent and nearby property usages are identified in Figure 2.



SPECIAL DISTRICTS								MUNICIPALITIES	
POLICE	DIST	FIRE PROTECTION	DIST	PUBLIC PARKING	DIST	DRAINAGE	DIST	TOWN OF: HEMPSTEAD	
County Police	3	Roosevelt Field	88	Uniondale	36			NORTH HEMPSTEAD	
WATER		SANITARY				FIRE HYDRANT RENTAL		OYSTER BAY	
Roosevelt Field	26			SEWER				CITY OF: GLEN COVE	
		REFUSE & GARBAGE		Nassau County Sewage Disposal District #3	39	GARBAGE		LONG BEACH	
LIGHTING		Town of Hempstead	L					VILLAGE OF:	
Town of Hempstead	47	REFUSE DISPOSAL		PARK		ESCALATOR			

Nas
Departme
Land

ATTACHMENT B

EDR Environmental LienSearch Report

Site Name: PROPERTY

Inquiry Number: 2712947.7
03/08/2010

The EDR Environmental LienSearch™ Report

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

PROPERTY
900 OLD COUNTRY RD
GARDEN CITY, NY 11530-2128

RESEARCH SOURCE

Source 1: Nassau County

PROPERTY INFORMATION

Deed 1:

Type of Deed:	Bargain and Sale Deed
Title is vested in:	Equity One (Northeast Portfolio) Inc., a Massachusetts corporation
Deed Dated:	11/16/2009
Deed Recorded:	11/24/2009
Book:	12563
Page:	14

Legal Description: LOTS 26, 27, AND 28, BLOCK 27, SECTION 44, GARDEN CITY, TOWN OF HEMPSTEAD, NASSAU COUNTY, NEW YORK. BEING MORE FULLY DESCRIBED IN VOLUME 12563, PAGE 14, IN THE DEED RECORDS OF NASSAU COUNTY, NEW YORK.

Legal Current Owner: **Equity One (Northeast Portfolio), Inc.**

Property Identifiers: **44-67-26, 44-67-27, 44-67-28**

EDR Environmental LienSearch™ Report

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

If found:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Docket:

Volume:

Instrument:

Comments:

Miscellaneous:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found ☐ Not Found ☒

If found:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Docket:

Volume:

Instrument:

Comments:

Miscellaneous:

NASSAU COUNTY CLERK'S OFFICE
ENDORSEMENT COVER PAGE

Recorded Date: 11-24-2009
Recorded Time: 12:00:08 p

Liber Book: D 12563
Pages From: 14
To: 18

Record and Return To:
KEVIN L CHUMLEA ESQ
SIMON PROPERTY GROUP
225 W WASHINGTON ST
INDIANAPOLIS, IN 46204

Control Number: 1342
Ref #: RE 007433
Doc Type: DI2 DEED COMMERCIAL/VACANT LAND

Location:	Section	Block	Lot	Unit
HEMPSTEAD (2820)	0044	00067-00	00026	
HEMPSTEAD (2820)	0044	00067-00	00027	
HEMPSTEAD (2820)	0044	00067-00	00028	

Consideration Amount: 24,500,000.00

Taxes Total	98,000.00
Recording Totals	330.00
Total Payment	98,330.00

LLS001

THIS PAGE IS NOW PART OF THE INSTRUMENT AND SHOULD NOT BE REMOVED
MAUREEN O'CONNELL
COUNTY CLERK

200911240l342

3504-00049

Kevin L. Chumita
Simon Property Group
225 W. Washington St
Indianapolis, IN. 46204

BARGAIN AND SALE DEED

THIS INDENTURE, dated as of the 16 day of November, 2009, by SIMON PROPERTY GROUP, INC., successor by corporate merger of Corporate Property Investors, Inc., a Delaware corporation, having its principal place of business at 225 W. Washington Street, Indianapolis, Indiana 46204 ("Grantor"), to and in favor of EQUITY ONE (NORTHEAST PORTFOLIO) INC., a Massachusetts corporation, having its principal place of business at 650 Fifth Avenue 24th Floor, New York, NY 10019 ("Grantee");

S-44
B-67
4-84,37,38

WITNESSETH THAT:

Grantor, for valuable consideration, does hereby grant, with special warranty covenants, unto the Grantee, its successors and assigns, all of the parcel of land lying and being in Nassau County, New York, consisting of approximately 21.85 acres, including the buildings and improvements thereon as more fully described in Exhibit "A" attached hereto and made a part hereof (hereinafter referred to as the "Parcel");

TOGETHER, with all and singular the hereditaments and appurtenances thereunto belonging, or in anywise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof, and all the estate, right, title, interest, claim or demand whatsoever, of Grantor either in law or in equity, of, in and to the Parcel, with the hereditaments and appurtenances;

BUT SUBJECT TO:

(i) all streets and public rights of way;
(ii) all laws, rules and/or regulations (federal, state and/or local) now in effect;
(iii) restrictions, encumbrances, reservations, limitations, conditions, easements, agreements and/or other matters affecting the Parcel, if of public record; and
(iv) all real estate taxes and assessments not due and payable as of the date hereof.

TO HAVE AND TO HOLD, the same, together with all the hereditaments and appurtenances thereunto belonging or in anywise appertaining, to the said Grantee, its successors and assigns, forever.

And the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total for the same for any other purpose.

This instrument was prepared by and after recording should be returned to:

Kevin L. Chumita, Esq.
Simon Property Group
225 W. Washington Street
Indianapolis, Indiana 46204

And Grantor will warrant and defend title to the Parcel against all parties lawfully claiming the same from, through or under it, but against no others.

And Grantor hereby covenants and warrants that it is fully authorized to convey the Parcel as set forth herein.

IN WITNESS WHEREOF, the said Grantor has caused these presents to be duly executed, the day and year first above written.

GRANTOR:

SIMON PROPERTY GROUP, INC., a Delaware corporation

By: _____
John Rulli
Executive Vice President -
Chief Administrative Officer

STATE OF INDIANA)
) SS:
COUNTY OF MARION)

Before me, a Notary Public in and for said County and State, personally appeared John Rulli, to me personally known as the EVP of SIMON PROPERTY GROUP, INC., a Delaware corporation, having its principal place of business at 225 W. Washington Street, Indianapolis, Indiana 46204, who acknowledged his execution of the foregoing instrument for and on behalf of said Corporation by authority of its Board of Directors.

WITNESS my hand and notarial seal this 12th day of November, 2009.

_____
Notary Public

COUNTY CLERK

EXHIBIT A TO BARGAIN AND SALE DEED

Legal Description of the Parcel

NASSAU
COUNTY
CLERK

Exhibit A

METES AND BOUNDS DESCRIPTION
LOTS 26, 27, AND 28, BLOCK 67, SECTION 44
GARDEN CITY, TOWN OF HEMPSTEAD
NASSAU COUNTY, NEW YORK

BEGINNING AT AN IRON BAR WITH CAP SET AT THE INTERSECTION OF THE SOUTHERLY SIDELINE OF OLD COUNTRY ROAD (VARIABLE WIDTH) AND THE EASTERLY SIDELINE OF EAST GATE BOULEVARD (FORMERLY EAST GATE BOULEVARD NORTH, 100 FEET IN WIDTH) RUNNING FROM SAID POINT OF BEGINNING ALONG THE SOUTHERLY SIDELINE OF OLD COUNTRY ROAD THE FOLLOWING THREE (3) COURSES:

1. NORTH 87 DEGREES 00 MINUTES 06 SECONDS EAST, 244.50 FEET TO A POINT, THENCE;
2. NORTH 85 DEGREES 59 MINUTES 58 SECONDS EAST, 653.78 FEET, TO A POINT OF CURVATURE, THENCE;
3. ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 1950.00 FEET, CENTRAL ANGLE OF 05 DEGREES 03 MINUTES 32 SECONDS, AN ARC DISTANCE OF 172.17 FEET, BEARING A CHORD OF NORTH 88 DEGREES 31 MINUTES 44 SECONDS EAST, A CHORD DISTANCE OF 172.11 FEET TO AN IRON BAR WITH CAP SET AT THE INTERSECTION OF THE SOUTHERLY SIDELINE OF OLD COUNTRY ROAD WITH THE WESTERLY SIDELINE OF ZECKENDORF BOULEVARD, THENCE;
4. ALONG THE WESTERLY SIDELINE OF ZECKENDORF BOULEVARD, SOUTH 04 DEGREES 35 MINUTES 24 SECONDS EAST, 876.68 FEET TO AN IRON BAR WITH CAP SET, THENCE;
5. ALONG THE DIVIDING LINE BETWEEN LOTS 16 & 17 BLOCK 67, WITH LOT 28, BLOCK 67 SOUTH 85 DEGREES 24 MINUTES 36 SECONDS WEST, 1070.00 FEET TO THE EASTERLY SIDELINE OF EAST GATE BOULEVARD (F.K.A. EAST GATE BOULEVARD NORTH), THENCE;
6. ALONG THE EASTERLY SIDELINE OF EAST GATE BOULEVARD, NORTH 04 DEGREES 35 MINUTES 24 SECONDS WEST, 899.56 FEET TO THE POINT AND PLACE OF BEGINNING.

CONTAINING = 952,153 SQUARE FEET OR 21.858 ACRES

THIS DESCRIPTION IS WRITTEN WITH REFERENCE TO A TITLE REPORT PREPARED BY CHICAGO TITLE INSURANCE COMPANY, TITLE NO. 3509-00219, WITH AN EFFECTIVE DATE OF AUGUST 17, 2009

ATTACHMENT C

Project Description

ATTACHMENT C

SECTION VI PROJECT DESCRIPTION

The preliminary development plans for the Site include the demolition of all existing on-site buildings, with the exception of the Thomasville Home Furnishings building, and the construction of one (1) 4,500 square foot (sf) bank building, one (1) 5,000 sf restaurant building, and one (12,000 sf retail building in the northern portion of the site along Old Country road; and one (1) multi-tenant, multi-level, 253,036 sf attached commercial-retail shopping mall facility. The exact development plans are preliminary and are subject to change.

The areas outside of the new building footprints will be improved with asphalt-paved access roads and parking lots, and reinforced concrete loading docks to support the larger structures. The parking lot areas will be improved with vegetated landscaping areas as required by local prevailing regulations (e.g., Town of Hempstead).

A summary of the contamination on the site, which includes contamination of groundwater and soil vapors with chlorinated solvents above applicable standards and guidance levels, is summarized in the proposed Remedial Investigation Work Plan. Based upon the preliminary development plans for the site, areas identified in the Remedial Investigation with soil and /or groundwater contaminants will have to be addressed prior to or during construction of the new site development, which will make redevelopment of the site far more difficult than it would otherwise be. For example, addressing the groundwater contamination is likely to involve remediation that must be implemented and coordinated with the redevelopment process. The presence of elevated levels of soil vapors will necessitate additional remedial and mitigative measures in the proposed new buildings, which must be designed in conjunction with the buildings and implemented as part of their construction. The presence of other contaminants will also add expense and delay to the redevelopment process. Furthermore, given the prior uses and known contamination, achievement of Certificate of Completion from the NYSDEC is expected to be a condition of obtaining financing for redevelopment.

Estimated Project Schedule

The following schedule listing anticipated tasks is approximate and takes into account NYSDEC review of project plans, public comments, and the potential for multiple field mobilizations.

Project Phase	Approximate Time Frame
BCP Application/Remedial Investigation WP	August 2010
Notification of Application Completeness	August 2010
ENB Publication	September 2010

Project Phase	Approximate Time Frame
End of Public Comment Period	October 2010
Notification of Acceptance	November 2010
Execution of Brownfield Cleanup Agreement	November 2010
NYSDEC Approval RIWP	December 2010
Implement RIWP	Starting January 2011
Complete RIWP	April 2011
Submit draft RIR	May 2011
NYSDEC Approval of RIR	July 2011
Submit Draft RAWP [1]	August 2011
NYSDEC Conditional Approval of RAWP (subject to public comment)	October 2011
End of Public Comment Period	November 2011
NYSDEC Approval of RAWP	December 2011
Commencement of RAWP	January 2012

[1] This estimated timeline assumes that there will not need to be a supplemental RI or other components that would substantially extend these estimated dates, such as the implementation of an Interim Remedial Measure.

ATTACHMENT D

Prior Reports

(See Attached CD)

OXFORD
Engineering Company

336 Point Street
Camden, New Jersey 08102

Telephone: (856) 541-0700
Facsimile: (856) 541-0505

May 18, 2005

Simon Property Group
115 West Washington Street
Indianapolis, Indiana 46204

RECEIVED
MAY 23 2005
SIMON PROPERTY GROUP
ENGINEERING DEPT.

Attention: Mr. Chuck Schneider

Reference: Phase 2 Records Review
Avis Headquarters Property
900 Old Country Road
Garden City, New York

Project No.: 05-005

Dear Mr. Schneider:

Per your request, on May 10, 2005 Oxford Engineering Company (OEC) performed a review of existing files at the offices of the Nassau County Department of Health (NCDOH) in Mineola, New York in an effort to identify documentation associated with recognized environmental conditions (RECS) presented in the March 18, 2005 Draft Phase I Environmental Site Assessment Report, for the referenced property.

OEC performed a review of the NCDOH Hazardous Materials Storage and Underground Injection Control files for the Avis Headquarters Property. The files were reviewed for permitting and/or closure documentation associated with the identified floor drains and seepage or discharge pits, sump pits, and former leaching field. OEC also performed a review of documentation existing for the Westbury Valet Dry Cleaners Site and the Old Roosevelt Air Field Hanger Site. This documentation was reviewed for information relative to the delineation of groundwater contamination associated with each of the PCE contaminated sites in an effort to reduce or eliminate the need for future onsite investigation activities at the referenced property.

Avis Headquarters Property:
Following is a tabular summary of the documents reviewed:

Hazardous Materials Storage File:		Former Avis World Headquarters 900 Old Country Road
Document Date:	**Document Name:**	**Prepared By:**
03/10/1985 through 03/27/1985	Nassau County Health Department Incident Report	Nassau Count Health Department
Summary: Spillage of liquids from an exterior 30-gallon drum reportedly occurred on the east side of the building adjacent to the boiler room on March 10, 1985. Concerns of possible paraquat exposure were voiced by local fire company responders and building occupants due to the labeling of the drum as an herbicide. The spill was cleaned up by Marine Pollution Control of East Patchogue, New York under the oversight of the Nassau County Health Department. Analysis of multiple samples of the spilled liquids revealed no detectable levels of paraquat. The spilled liquid was characterized as a mixture of turpentine, white oil base paint and water. Analysis of blood samples of individuals exposed to the spilled liquid also revealed no detectable levels of paraquat. Based on the date of the event (1985) and documentation of proper cleanup of the liquids spill, no further investigation is recommended relative to this spill event.		

Hazardous Materials Storage File:		Former Avis World Headquarters 900 Old Country Road
Document Date:	**Document Name:**	**Prepared By:**
Copies of the Nassau County Health Department hand written incident report and the material characterization by Pedneault Associates, Inc. Testing Laboratories are provided in Attachment 1.		
04/5/1988 and 04/19/1988	Field Investigation, Article XI Facility, Tank Removal & Installation	Nassau County Department of Health
Summary: NCDOH document confirms oversight of the removal of (2) 20,000-Gallon USTs, (1) 4,000-Gallon UST and (1) 1,000-Gallon UST. Contaminated soil was observed associated with the 1,000-Gallon Fuel Oil Tank and 50 to 60 cubic yards of soil was removed. No other contamination was observed. Documentation of installation of current 20,000-Gallon No. 6 Fuel Oil UST and 4,000-Gallon Diesel Fuel UST is included with the field inspection report. ***Copies of the NCDOH Field Inspection Report and a portion of the new tank installation drawings area provided as Attachment 2.***		
09/01/1992	NCDOH Notice of Renewal of Toxic or Hazardous Materials Storage Facility Permit for Avis Lube Fast Oil Change 900 Old Country Road Garden City, NY 11530	NCDOH
Summary: Permit renewal notice identifies nine (9) interior aboveground storage tanks associated with the Oil Change and Lube operation including (2) 550-Gallon Waste Oil Tanks; (6) 550-Gallon Motor Oil Tanks; and (1) 275-Gallon Transmission Fluid Tank. ***A copy of the Notice of Renewal of Toxic or Hazardous Materials Storage Facility Permit is provided in Attachment 3.***		
06/15/1999	NCDOH Application for a Toxic or Hazardous Materials storage Facility Permit	Avis Rent A Car System, Inc.
Summary: The application was completed by Avis for the registration of (2) underground storage tanks and (3) Bulk and Container Storage Areas. The USTs registered appear to be the current 20,000-Gallon No. 6 Fuel Oil UST and 4,000-Gallon Diesel Fuel UST. The Bulk Storage Areas were identified as S001 in the Boiler Room (containing waste oil and boiler chemicals); S002 at the exterior of the old chiller room on the south side of the building (containing waste oil); and S003 in the old chiller room (containing waste oil). ***Copies of the application and a portion of the attached drawing showing the UST and Bulk Storage area locations are provided in Attachment 4.***		
6/4/1999 7/29/1999 8/19/1999 4/8/2002	Nassau County Department of Health, Permit Compliance Inspection Reports	NCDOH Inspectors
Summary: Periodic NCDOH inspections of Tank and Bulk Storage Areas operating engineering controls. June 1999 inspection identifies deficiencies. Subsequent Reports identify satisfactory inspection results. The reports also document removal of Bulk Storage Sites S002 and S003. ***Copies of the referenced Permit Compliance Inspection Reports are provided in Attachment 5.***		

Hazardous Materials Storage File:		Former Avis World Headquarters 900 Old Country Road
Document Date:	**Document Name:**	**Prepared By:**
03/11/2002	NCDOH Notice of Renewal of Toxic or Hazardous Materials Storage Facility Permit	NCDOH
Summary: Permit renewal notice is consistent with tank documentation previous obtained. Permit renewal notice identified the 20,000-Gallon #6 fuel oil UST; and 275-Gallon indoor bulk storage area with multiple chemical stored. The indoor bulk storage is identified as waste oil and boiler chemicals storage.		

Underground Injection Control Files:		Former Avis World Headquarters 900 Old Country Road
Document Date:	**Document Name:**	**Prepared By:**
December 8, 1993	Letter to Avis Rent A Car System, Inc.	County of Nassau Department of Health
Summary: The letter identifies discharge of floor drain systems associated with the boiler room and mechanical rooms discharging to the outside leaching field as a violation of USEPA and NCDOH regulations and identifies appropriate actions to achieve compliance. ***A copy of the referenced letter is provided in Attachment 6.***		
Additional Letters 12/8/1993 12/27/1993	Multiple Letters	NCDOH USEPA
Summary: Multiple letters identifying the violations and appropriate actions to achieve compliance referenced above were written and distributed to NCDOH, USEPA and Avis. ***Copies of the referenced letters are provided in Attachment 6.***		
January 25, 1994	Underground Injection Control Baydrain Closure Plan Avis World Headquarters 900 Old Country Road Garden City, New York 11530	Tyree Brothers Environmental Services, Inc. Farmingdale, New York
Summary: The Closure Plan identifies the floor drain systems associated with the boiler room and mechanical rooms and the assumed discharge points. The plan details the inspection procedures and closure plan for the floor drain and discharge system. ***A copy of the UIC Closure Plan and cover letter are provided in Attachment 6.***		
02/22/1994 03/22/1994 04/01/1994	Multiple Letters	NCDOH USEPA Tyree Brothers Environmental Services, Inc.
Summary: Multiple letters were prepared and distributed relative to the review of the referenced Closure Plan, deficiencies in the plan and ultimate approval of the Closure Plan. ***Copies of the referenced letters are provided in Attachment 6.***		

Underground Injection Control Files:		Former Avis World Headquarters 900 Old Country Road
Document Date:	**Document Name:**	**Prepared By:**
September 1994	Underground Injection Control Remediation Summary Report Avis World Headquarters 900 Old Country Road Garden City, New York 11530	Tyree Brothers Environmental Services, Inc. Farmingdale, New York
Summary: The Remediation Summary Report identified three (3) separate floor drain systems associated with the Avis Building boiler room and mechanical rooms. One (1) system was found to be discharging into the Nassau County Sewer System and was permitted by the NCDOH Industrial waste Division. The remaining two (2) systems were properly cleaned and abandoned. The report concluded that the Avis World Headquarters, 900 Old Country Road satisfied the USEPA and NCDOH for UIC closure activities and recommended closure of the site be obtained from NCDH and USEPA. ***A copy of the Remediation Summary Report is provided in Attachment 6.***		
11/10/1994	Certified Mail, File Closure UIC V Well, Avis World Headquarters	Rose Pelino, P.E., USEPA
Summary: The letter documents closure of the file for the Underground Injection Control Program Class V well closure by the USEPA. ***A copy of the referenced USEPA Closure letter is provided in Attachment 6.***		

Based on the information presented above no further investigation is recommended relative to the floor drains located in the Boiler Room, the Mechanical Rooms and the Emergency Generator Rooms of the Cendant Building or the associated former leaching field. It is recommended the diesel fuel be cleaned from the generator room floor drain traps at the time of the UST closure activities.

No information was identified in the records review for the following RECs identified in the March 18, 2005 Draft Phase I Environmental Site Assessment Report and as such additional site investigation is recommended:

- Suspected UST fill pipe and a vent pipe at the manufacturing building;
- Hydraulic elevators located in the Avis Office Building;
- Hydraulic compactor located in the warehouse area of the Cendant South Building;
- Four (4) floor drains and an associated collection and discharge pit in the warehouse area of the Cendant Office Building;
- Five (5) floor drains, collection/discharge pit and sump in the Manufacturing Building;
- Floor drain system and associated oil water separator in the truck loading dock of the Cendant Office Building;
- Three (3) 500 KVA transformers in the Cendant Building, south Transformer Room;
- One (1) exterior pad mounted transformer located at the Thomasville Home Furnishings Building and three (3) pole mounted electrical transformers located at the Storage Building; and
- Large (approximately 30 foot diameter) wooden tank in the Storage Building.

Old Roosevelt Air Field Hanger Site:

The purpose of the review of the Old Roosevelt Field Hanger Site files was to search for information relative to the delineation of the horizontal extent of groundwater contamination associated with this

documented chlorinated volatile organic compound contaminated site as it relates to the Avis Headquarters Property. Documented groundwater contamination beneath the Avis Headquarters Property would present a potential Recognized Environmental Condition (REC) and the records review was conducted in order to potentially reduce or eliminate the need for future onsite investigation activities at the referenced property.

Following is a Summary of Documents Reviewed:

Hazardous Waste Disposal Site Files:		Old Roosevelt Air Field Hanger Site, Old Country Road and Clinton Road Garden City, New York
Document Date:	**Document Name:**	**Prepared By:**
October 1978	Investigation Roosevelt Field Well Area Report.	Nassau County Department of Health
Summary: Extent of groundwater contamination is not delineated.		
3/15/1979	Investigation of Organic Chemical Contamination, Roosevelt Field Water District #3 Report.	Nassau County Department of Health
Summary: Extent of groundwater contamination is not delineated.		
May 1986	Roosevelt Field Groundwater Contamination Study for the Nassau County Department of Health	Geraghty and Miller, Inc.
Summary: This document confirmed elevated levels of chlorinated volatile organic compounds in groundwater and identified the southwest corner of the study area to contain the highest levels of contamination. Concluded that based on present data (1986) clear definition of the contaminant plume was not permitted.		
1989	Chlorinated Organic Compounds in Groundwater at Roosevelt Field, Nassau County, Long Island, New York US Geological Survey Water Resources Investigation	US Geological Survey Prepared in Cooperation with Nassau County Department of Public Works
This document summarizes the history, hydrogeologic setting, contaminants, contaminant levels and documented horizontal and vertical extent of contamination associated with the Old Roosevelt Air Field Hanger site. Figures 10A and 10B graphically depict the horizontal extent of groundwater contamination in August-September 1983 and April-May 1984 respectively. Figures 10A and 10B show that the contaminated groundwater plume does not extent in the direction of the Avis World Headquarters property and is located approximately 3,300 feet from the Avis property line in the side/downgradient direction. ***A copy of excerpts from the referenced report (Cover Page & pages 10, 11, 18, 19, 32 and 33) are provided in Attachment 7.***		
07/28/1990	Letter to Penbrook Mgt., Inc. Roosevelt Field Mall	Nassau County Department of Health
Summary: This letter addresses storm water discharge to County Storm Water Basin No. 124. Not related to groundwater contamination.		
11/24/1995	Water Quality Survey Report	Nassau County Department of Health
Summary: Extent of groundwater contamination is not delineated in this report.		

Hazardous Waste Disposal Site Files:		Old Roosevelt Air Field Hanger Site, Old Country Road and Clinton Road Garden City, New York
Document Date:	**Document Name:**	**Prepared By:**
02/20/1998	New York State Department of Health, Health Consultation Old Roosevelt Field Hanger Site	New York State Department of Health
Summary: This document provides an evaluation of levels of contamination and posed health threats from the Old Roosevelt Field Hanger Site. Also presented are recommendations for treatment, monitoring, documentation and evaluation of health threats and impacts.		

Based on the information presented above, no further investigation is recommended relative to impact of the Avis Headquarters Property by the contaminated groundwater plume associated with the old Roosevelt Air Field Hanger Site.

Westbury Valet Dry Cleaners, 123 post Avenue, Westbury Site:

The purpose of the review of the Westbury Valet Dry Cleaners Site files was to search for information relative to the delineation of the horizontal extent of groundwater contamination associated with this documented chlorinated volatile organic compound contaminated site as it relates to the Avis Headquarters Property. Documented groundwater contamination beneath the Avis Headquarters property would present a potential Recognized Environmental Condition (REC) and the records review was conducted in order to potentially reduce or eliminate the need for future onsite investigation activities at the referenced property. The Westbury Valet Dry Cleaners file contained approximately fifty (50) documents addressing the groundwater and soil contamination associated with the site and the continuing remediation and monitoring of the site. As such, this review summary addresses only the document that provided the required contaminated groundwater delineation information.

Following is a Summary of Documents Reviewed:

Hazardous Waste Disposal Site Files:		Westbury Valet Dry Cleaners, 123 Post Avenue, Westbury, New York
Document Date:	**Document Name:**	**Prepared By:**
October 31, 2002 Revised January 30, 2003	Remedial Investigation Report Westbury Valet Dry Cleaners Operable Unit 01-Soil and Groundwater On-Site	Anson Environmental, Ltd.
Summary: This report documents soil and groundwater remediation and remedial investigation activities conducted relative to the Westbury Valet Dry Cleaners Site. The report does not provide a delineation of the extent of groundwater contamination which is reported to being conducted by the NYSDEC. However, Section 5.1.4 of the report documents a 1.3 ug/L concentration of PCE in groundwater samples collected at the Big M Car Wash located at the corner of South Grand Street and Old Country Road, Westbury, New York. This PCE concentration reported as being below the NYSDEC Class GA groundwater standard of 5 ug/L and the site is located approximately 4,800 feet from and side gradient to the Avis Headquarters Property. As such it is not anticipated that the Avis Headquarters Property would be impacted by the contaminated groundwater plume. ***A copy of excerpts from the referenced report (Cover Page & pages 12, 13, 14 and Figure 4) are provided in Attachment 8.***		

Based on the information presented above, no further investigation is recommended relative to impact of the Avis Headquarters Property by the contaminated groundwater plume associated with the Westbury Valet Dry Cleaners Site.

As always, we appreciate the opportunity to provide professional services to your organization. If you have any questions or need additional information, please call me at (856) 541-0700.

Sincerely,

OXFORD ENGINEERING COMPANY

Wm. Wayne Moran
Senior Project Manager

Attachments:

ATTACHMENT 1

ENVIRONMENTAL HEALTH
Continuation Sheet
Nassau County Health Department

Owner or Agent : AVIS
Address: 900 OLD COUNTRY RD. GARDEN CITY

Inspector M. Sekreta

DATE	COMMENTS
3/10/85	A PHONE CALL WAS RECEIVED BY M. SEKRETA, NCDH FROM I. SHECHTER, NCDH REPORTING A SPILL OF CHEMICAL SUSPECTED OF BEING PARAQUAT AT AVIS HEADQUARTERS, 900 OLD COUNTRY RD., GARDEN CITY. REPRESENTATIVES OF THE WESTBURY FIRE DEPT. AND THE N.C. FIRE MARSHAL'S OFFICE WERE AT THE SPILL SITE. M. SEKRETA CONTACTED CHIEF PALMESE OF THE WESTBURY F.D. AT THE SITE. CHIEF PALMESE STATED THAT HIS DEPARTMENT RECEIVED A REPORT OF A LEAKING DRUM ON AVIS PROPERTY, OUTSIDE THE MAIN BUILDING, AT 6:50 PM THIS DAY. AVIS EMPLOYEE HANK TENJEN NOTICED FUMES IN A BOILER ROOM ADJACENT TO THE SPILL SITE AND CALLED THE WEST. F.D. THE WESTBURY FIRE DEPT. FOUND A LEAKING DRUM OUTSIDE THE BOILER ROOM NEXT TO AN OUTDOOR PUMP HOUSE ON THE EAST SIDE OF THE AVIS BUILDING. THE DRUM HAD BEEN STORED HORIZONTALLY. IT WAS UPRIGHTED TO PREVENT FURTHER LEAKAGE BY WEST. F.D. PERSONEL. APPROXIMATELY 20-25 gal OF LIQUID WAS SPILLED. THE DRUM APPEARED TO BE A 30 GAL DRUM. THE SPILLED LIQUID SPREAD OVER A SMALL AREA OF THE GROUND AROUND THE STORAGE POINT AND HAD ALSO ENTERED A STORM DRAIN NEXT TO THE PUMP HOUSE (SEE ATTACHED DIAGRAM). PRESENT AT THE SCENE WITH CHIEF PALMESE AND HIS UNITS WERE FIRE MARSHAL RICH KELNER

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ENVIRONMENTAL HEALTH
Continuation Sheet
Nassau County Health Department

Owner or Agent :
Address:

Inspector

DATE	COMMENTS
	INTAKES FOR THE VENTILATION SUSTEM ARE LOCATED ON THE BUILDING'S ROOF. A CHECK OF THE BUILDING CORRIDORS LEADING TO THE COMPUTER ROOMS AND OF THE COMPUTER ROOM SHOWED NO DETECTABLE ODORS.
	WHILE WAITING FOR MARINE POLLUTION TO ARRIVE, IN THE LOBBY OF THE AVIS BUILDING, M. SEKRETA AND H. REILLY ALONG WITH AVIS COMPUTER OPERATORS WERE INFORMED BY A HICKSVILLE EMT THAT ANYONE USING A HOUSE PHONE IN THE LOBBY HAD COME IN CONTACT WITH PARAQUAT WHICH WAS AGENT ORANGE. THE EMT WAS INFORMED THAT AGENT ORANGE AND PARAQUAT ARE NOT THE SAME BY M. SEKRETA AND THAT ERRONEOUS INFORMATION SHOULD NOT BE SPREAD IN SUCH A MANNER. AVIS EMPLOYEES WERE INFORMED OF THE NATURE OF PARAQUAT BY M. SEKRETA. DECISIONS TO GO TO N.C.M.C OR TO ENTER THE BUILDING WERE LEFT UP TO THE AVIS EMPLOYEES. THEY WERE TOLD THAT IF THEY HAD ANY CONCERN RE FUMES OR EXPOSURE TO FUMES THAT THEY MAY BENIFIT BY SEEING THE DOCTORS AT N.C.M.C. WESTBURY FIRE DEPT AND THE N.C.P.D. WERE PROVIDING TRANSPORTATION.
	OFFICER WAYNE BILLIAN OF THE N.C.P.D. EMERGENCY AMBULANCE BUREAU MADE ARRANGEMENTS TO CONTACT N.C.M.C. EMERGENCY ROOM. E.R. DOCTOR SHAW STATED THAT HE WAS ADVISING PEOPLE EXPOSED TO THE CHEMICAL THAT ARE NOT GROSSLY CONTAMINATED

ENVIRONMENTAL HEALTH
Continuation Sheet
Nassau County Health Department

Owner or Agent :
Address:

Inspector
H. Schuetz

DATE	COMMENTS
	TO WASH THEMSELVES AND THEIR CLOTHES THOROUGHLY AND TO DISCARD ANY LEATHER GOODS THAT MAY HAVE COME IN CONTACT WITH THE CHEMICAL. ~~DR~~ SHAW ADVISED ANYONE HE SAW TO MONITOR THEMSELVES FOR IRRITATION IN THE FUTURE AND TO RETURN TO THE HOSPITAL IF ANY IRRITATION IS NOTICED. THIS INFORMATION WAS PASSED TO THE AVIS EMPLOYEES AND TO EMERGENCY PERSONEL ON DUTY.
	MARINE POLLUTION REPRESENTATIVE BOB GRIMM ARRIVED TO ASSESS THE SITUATION. HE STATED THAT EQUIPMENT NEEDED TO CLEAN-UP THE SPILL WAS EN ROUTE TO THE SITE.
	AN EQUIPMENT TRUCK AND ADDITIONAL MARINE POLLUTION EMPLOYEES ARRIVED.
	~~SHRI~~ GRIMM REMOVED A PORTION OF THE LIQUID FROM THE DRUM. HE INDICATED THAT THE SAMPLE WOULD BE ANALYSED BY PODNEAULT LABS, BOHEMIA.
	SPEEDI-DRY WAS USED TO SOAK UP THE RESIDUE IN THE STORM DRAIN. THE DRAIN WAS FOUND TO BE A SECURE CONCRETE PIT WITH ONE EXIT PIPE. THE PIPE LED TO A COLLECTION PIT LOCATED IN A WOODED STRIP EAST OF THE STORM DRAIN. THE PIT CONTAINED ADDITIONAL LIQUID FROM THE SPILL. SPEEDI-DRY WAS ALSO USED TO SOAK UP THIS LIQUID. THE COLLECTION PIT HAD A CINDER BLOCK CONSTRUCTION WITH A CONCRETE FLOOR. AN EXIT PIPE WAS NOTED IN THE PIT. A RAISED LIP SURROUNDING THE EXIT PIPE PREVENTED

ENVIRONMENTAL HEALTH
Continuation Sheet
Nassau County Health Department

Owner or Agent : HESS
Address: 900 OLD COUNTRY RD GARDEN CITY

Inspector M. Sekreta

DATE	COMMENTS
	THE LIQUID FROM EXITING THE COLLECTION PIT. THE DRUM, SPEEDI-DRY AND DEBRIS THAT CAME IN CONTACT WITH THE LIQUID WERE PLACED IN SECURE DRUMS BY MARINE EMPLOYEES.
3/11/85	ADDITIONAL CLEAN-UP COMPLETED THIS DAY BY MARINE EMPLOYEES. SOIL NEXT TO THE PUMP HOUSE WAS REMOVED. SPEEDI-DRY WAS WORKED INTO THE BLACKTOP AND CEMENT IN THE SPILL AREA. SOAP WAS USED TO WASH THE BLACKTOP OF RESIDUE. THE AREA WAS DRIED WITH SPEEDI-DRY. BLEACH WAS APPLIED TO THE BLACKTOP AND ABSORBED WITH SPEEDI-DRY. ACTIVATED CHARCOAL WAS LEFT IN THE AREA WHERE THE SOIL WAS REMOVED TO ABSORB ANY RESIDUAL ODOR. M. Sekreta
3/18/85	CHIEF PALMESE CALLED RE: ADDITIONAL SAMPLING. HE EXPRESSED CONCERN OVER PESTICIDE PRELIMINARY ANALYSIS. HE STATED THAT HE WAS INFORMED THAT THE SPILLED LIQUID CONSISTED OF WHITE PAINT, TURPENTINE AND WATER. HE REQUESTED ADDITIONAL SAMPLING BY NCDH TO CONFIRM PESTICIDE RESULTS. HE FELT THAT DUE TO THE MARKINGS ON THE DRUM AND THE ODOR OF THE SPILLED LIQUID BEING MORE INDICATIVE OF A PESTICIDE A SECOND SAMPLE WAS NEEDED. M. SEKRETA STATED HE WOULD MAKE ARRANGEMENTS

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ENVIRONMENTAL HEALTH
Continuation Sheet
Nassau County Health Department

Owner or Agent : AVIS
Address: 900 OLD COUNTRY RD. GARDEN CITY

Inspector: H. Sekreta

DATE	COMMENTS
	FOR ADDITIONAL SAMPLING ON 3/13 OR 3/14. BOB GRIMM OF MARINE POLLUTION WAS INFORMED OF THE PROPOSED ADDITIONAL SAMPLIN
3/14/85	A PORTION OF PENNEAULT'S SAMPLE WAS PICKED UP NCDH REPRESENTATIVES AND WAS FOWARDED TO NCDH LAB FOR ANALYSIS. ~~AFTER CONTACTING MARINE POLLUTION~~ ON 3/13 FOR APPROVAL, ARRANGEMENTS WERE HADE BY H. SEKRETA WITH WESTBURY FIRE CHIEF PALMESE TO SAMPLE THE SPILLED LIQUID AT THE AVIS SITE.
	AT THE AVIS SITE A PORTION OF THE LIQUID REMAINING IN THE ORIGINAL DRUM WAS SAMPLED AND SPLIT BETWEEN NCDH AND WEST. F.D.. CHIEF PALMESE INDICATED THAT HE WOULD FOWARD HIS SAMPLE TO N.Y. TESTING LABS. ~~WITH THE~~ NCDH SAMPLE WAS FOWARDED TO NCDH LAB FOR ANALYSIS. CHIEF PALMESE ALSO STATED THAT HE CONACTED PENNEAULT LABS AND WAS ~~TOLD~~ THAT N/O PARAQUAT WAS FOUND IN THE SAMPLE.
	H. Sekreta
3/19/85	CHEVRON CHEM, NANCY GEORGE, CONTACTED THIS DAY. (SEE ADDENDUM). SAMPLES SENT TO CHEVRON BY N.C.M.C. AND PENNEAULT WERE NEGATIVE FOR PARAQUAT. M.S.
3/22/85	NCDH LAB PHONED BY H. SEKRETA. CHEMIST BOB PORTER STATED THAT ONLY PRELIMINARY RESULTS HAVE BEEN ~~RECEIVED~~ OBTAINED. ON THE NON-PESTICI PORTION OF THE LIQUID. RESULTS SHOWED THE PRESENCE

ENVIRONMENTAL HEALTH
Continuation Sheet
Nassau County Health Department

Owner or Agent : AVIS
Address: 900 OLD COUNTRY RD. GARDEN CITY

Inspector M. Schuetz

DATE	COMMENTS
3/22/85 (CONT.)	OF CHLORIFORM, TOLUENE, ETHYL BENZENE, XYLENE AND ADDITIONAL AROMATIC COMPOUNDS. MR PORTER EXPLAINED THAT THE COMPOUNDS WERE FOUND IN HIGH CONCENTRATIO LIMITING THE I.D. OF ALL THE COMPOUNDS. HE INDICATED THAT ADDITIONAL ANALYSIS WILL BE RUN ON A GREATER DILUTION OF THE SAMPLE FOR MORE SPECIFIC RESULTS. THE PARAQUAT ANALYSIS HAD NOT YET BEEN RUN. MR. PORTER INDICATED THAT ALL RESULTS SHOULD BE IN BY 3/26/85. M. Schuetz
3/21/85	MR. ANDY LICHTHAN, N.C. DIV. OF LABS WAS CONTACTED THIS DAY. HE STATED THAT NO PARAQUAT WAS FOUND IN THE SAMPLES SUBMITTED TO THE LAB. THE SAMPLE DID CONTAIN A NUMBER OF AROMATIC COMPOUNDS. AS PREVIOUSLY INDICATED, A WRITTEN REPORT WILL FOLLOW. M. Schuetz
3/21/85	WESTBURY FD. CONTACTED. ANALYSIS RESULTS GIVEN TO OPERATOR TO BE RELAYED TO CHIEF PALMESE. M. Schuetz

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PEDNEAULT ASSOCIATES, INC. TESTING LABORATORIES
1515 NINTH AVENUE · P.O. BOX 205 · BOHEMIA, N.Y. 11716 · (516) 467-8477
AFTER 5 P.M. (516) 567-5579

March 14, 1985

Marine Pollution Control
P.O. Box 220
375 Dunton Avenue
East Patchogue, NY 11772

RE: Unknown Material Spill at Avis Rent-A-Car
900 Old Country Road
Westbury, New York

Lab. # 30980 Dated 3/11/85

The sample delivered to the lab by Marine Pollution Control, was determined to be a mixture of turpentine, white oil base paint and water. There was no evidence of Paraquat dichloride.

John Pedneault
Laboratory Director

ATTACHMENT 2

Field Investigation
Article XI Facility
Nassau County Department of Health

☐ Tank Test ☐ Retest
☒ Tank Removal ☐ Compliant
☒ Installation

Date of Job 4/5/88 Time ____
Date Received 3/22 Time 210
Contractor Tyree
Telephone # ____

Facility ID# 37024
Spill No. ~~087 H88K-07~~ ~~087 H88 Z-08~~ 096 H88 R10

Establishment Name Avis Rent-A-Car
Address 900 Old Country Rd
Town ~~Garden City~~ Westbury Telephone # ____
Cross Street: ____
No. of Tanks / Type of Test ____

Tank #	~~#1~~						
System Test							
Tank Test							
Size	~~20K~~	~~1,000~~	~~4000~~				
Product							
Leak Rate							
Pass/Fail							
Fee							
Fee Paid							
Retest Needed							

Tank Removal

Tank #	#1	#4	#3				
Visible Hole	NO	yes	NO				
# Holes	—	1	—				
Size	20,000	1,000	4,000				
Location	—	—	—				
Photo	NO	NO	NO				

Excavation: ☐ Clean ☒ Contaminated Soil ☐ Free floating oil

Soil Removed (Y/N) [Y circled] Amount ____

Installation: Tank size ~~20K~~ Approved plans ☐ Yes ☐ No

Notes: DEC Will Cover
DEC attended removal. There was 1 hole in the 1,000 gal tank. approx. 50-60 yds of Contaminated Soil was removed, no other Contamination was visible, RR

Inspector R. Rhode Supervisor ____

Employee Number 178 Date 4/30/88 ☐ Continued on Reverse Side

87-7057 - Fire Marshal test?
Keith

#4564H

Field Investigation
Article XI Facility
Nassau County Department of Health

☐ Tank Test ☐ Retest
☒ Tank Removal ☐ Compliant
☐ Installation

Date of Job 4/19/88 Time ____ Facility ID# 37024
Date Received ____ Time ____ Spill No. ____
Contractor Tque
Telephone # ____

Establishment Name Agway
Address 900 Old Country Rd.
Town ~~Westbury~~ GARDEN CITY Telephone # ____
Cross Street: ____
No. of Tanks ____ Type of Test ____

Tank #							
System Test							
Tank Test							
Size	~~15K~~						
Product	#6						
Leak Rate							
Pass/Fail							
Fee							
Fee Paid							
Retest Needed							

Tank Removal

Tank #	2						
Visible Hole	NO						
# Holes	NONE						
Size	20,000						
Location	—						
Photo	NO						

Excavation: ☒ Clean ☐ Contanimated Soil ☐ Free floating oil
Soil Removed (Y)(N) Amount

Installation: Tank size ____ Approved plans ☐ Yes ☐ No

Notes: 20K #6 - Vermont - TANK CUT INTO Pieces & Each Piece Removed SEPARATELY

Inspector W. Mahoney Supervisor ____
Employee Number 166 Date 4/[illegible]/88 ☐ Continued on Reverse Side

#4564H

ENVIRONMENTAL HEALTH
Continuation Sheet
Nassau County Health Department

Owner or Agent : AVIS Rent-A-Car

Address:

Inspector

DATE	COMMENTS
5/3/88	- Spoke to Vince Monaco of Avis. He said that tanks #1 and #2 (both 20,000 gal) were removed, and replaced by one 20,000 gal tank for heating use. Tanks #3 & #4 (4,000 + 4,000 gal) were also removed and replaced by one 4,000 gal tank. The 4,000 gal tank is hooked up to a generator. Plans for its installation were approved by fire Marshall (according to Mr. Monaco + Tyree Bros). Plans for the new 20,000 gal tank were approved by NCDH. RR

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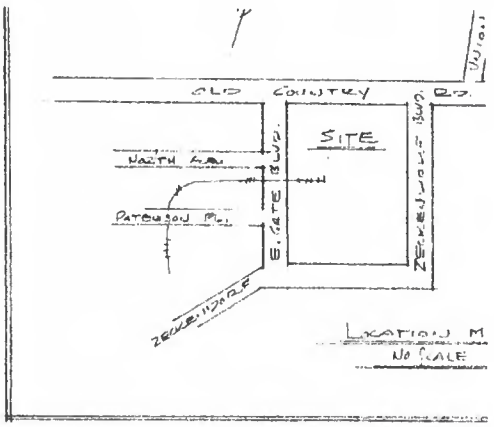
From Lorry R. Tyree Company

Petroleum Associates.

Dwg. No. T-8766

Sheet 1 of 1

12/17/1987



NOTE: PROVIDE POLLUTERT CD101 & FD210 PROBE FOR DAY TANK SPILL CONTAINMENT AREA.

REMOVE 1-1000 & 1-4000 GAL. DIESEL T
INSTALL 1-4000 GAL. OWENS-CORNING
D.W. F/G TANK. INSTALL 8' CA.W. MAT O
TANK. REINF. W/ 6"X 6" #6X#6 MESH.
EXTEND MAT 1'-0 BEYOND LINES & EQUIP

5" BC F.E.

DAY TANK. TO GENERATOR ARE EXSTG.
EW LINES TO BE CONNECTED TO EXSTG
TANK.

GENERATOR
D348 CAT.
75 HP

INSTALL BATTERY OPERATED EMERG. LT.

SPILL CONTAINMENT SENSOR

PROVIDE REMOTE CONTROL VALVE ON SUPPLY LINE AT DAY TANK (FUSIBLE LINK)

1" COPPER LINE (SUPPLY)
1 1/4" " " (RETURN)
IN 3" P.V.C.

TG. 25 GAL. DAY TANK ON
STG. CONC. FLOOR

PUMP

COPPER LINES WRAPPED WITH SCOTCH WRAP #50

VIDE STEEL SPILL CONTAINMENT FOR DAY TANK.
TAINMENT BOX 3'X 3' X 6" = 33.75 GAL. CAP.
ULERT SENSOR FOR SPILL CONT. FD210
2101 MONITOR PANEL

INSTALL BATTERY OPERATED REMTD. LT.

32'-0" TO BLDG.
U.T.S.

GRADE 89.7

24'-0 TO U.T.S.

FILL

1" COPPER LINE (SUPPLY)
1 1/4" " " (RETURN)
IN 3" P.V.C.

2" F

ALL LINES FROM DAY TANK TO GENERATOR ARE EXSTG. NO CHANGES. NEW LINES TO BE RUN TO DAY TANK EXSTG. LINES.

15" BC F.E.

GENERATOR
D398 CAT.
75 HP

SPILL CONTAINMENT SENSOR MONITOR CD101

PROVIDE STEEL SPILL CONTAINMENT FOR DAY TANK 3'X 3'X 6" = 33.75 GAL.

EXSTG. 25 GAL. DAY TANK ON EXSTG. FLOOR.

PUMP ON TOP

PROVIDE REMOTE CONTROL VALVE ON SUPPLY LINE (FUSIBLE LINK) AT DAY TANK

AUDIBLE VISUAL ALARM FOR DIESEL TANK (4000 GAL.) PUREINTERCEPTOR LCISA

6'-0

6'-0 C.L.

IDE - POLLUTERT SENSOR FOR SPILL CONT. FD210 & CD101
TOR PANEL.

NOTE: ALARMS ARE VISIBLE & CAN BE HEARD FROM FILLS.

TEST HOLE

EXSTG. PUMPS FOR F.O.

OWENS CORNING MONITOR SYSTEM

EXSTG. MANIFOLD & GATE VALVES.

CONTAINMENT LINES.
DIESEL TANK ALARM PUREINTERCEPTOR
F.O. TANK ALARM PUREINTERCEPTOR

ALL PIPING FROM MANIFOLD TO HEATING COILS & BOILERS ARE EXSTG. NO CHANGES. NEW PIPING TO BE CONNECTED TO MANIFOLD AT TANK SIDE.

GRADE 89.20

20000 GAL. D.W. F/G TANK 10' DIA.

2" F/G LINES IN 3" F/G LINE

2" VENT RISE 15'-0" ABOVE

30" M.H.

FILL

AUDIBLE VISUAL ALARM FOR F.O. TANK PUREINTERCEPTOR LCISA

#6 F.O.

ANNULUS PROBE

NOTE: ALL ALARMS & MONITOR PANELS TO BE IDENTIFIED FOR EACH PRODUCT

NOTE

ATTACHMENT 3

PPLICATION FOR RENEWAL OF A TOXIC OR HAZARDOUS MATERIALS
TORAGE FACILITY PERMIT
IVISION OF ENVIRONMENTAL HEALTH
ASSAU COUNTY DEPARTMENT OF HEALTH

ACILITY ID NUMBER : 041076

PPLICATION DUE : 11/01/92

RECEIVED
OCT 23 1992
NCDH—BLRM

NEW YORK STATE
TAX EXEMPT?
MUNICIPALITY
( ) YES (X) NO
IF YES, INDICATE
TAX EXEMPT NUMBER
AND ENCLOSE COPY
OF CERTIFICATE
(FORM ST-119.1)
CERTIFICATE
NUMBER:

AVIS LUBE FAST OIL CHANGE
900 OLD COUNTRY ROAD
GARDEN CITY NY 11530

ACILITY NAME VIS LUBE FAST OIL CHANGE ARMINGDALE NY 11735	STREET ADDRESS 730 FULTON STREET	FACILITY PHONE
ONTACT PERSON ~~AYNE BALLARD~~ DAVID E. STARK	CONTACT TITLE ~~PROJECT MANAGER~~ ATTORNEY	CONTACT PHONE 516-222-3400
ACILITY OWNER VIS SERVICE, INC. ARDEN CITY NY 11530	STREET ADDRES 900 OLD COUNTRY ROAD	OWNER PHONE 516-222-3400
ROPERTY OWNER . FRANKLIN & DORLON CORP ARDEN CITY NY 11530	STREET ADDRESS 500 OLD COUNTRY ROAD	PROPERTY PHONE 516-747-0566
ERMITTEE NAME & A LUBE PROPERTIES INC ARDEN CITY NY 11530	STREET ADDRESS 900 OLD COUNTRY ROAD	PERMITTEE PHONE 516-222-3400

ERMITTEE'S RELATIONSHIP TO FACILITY OWNER SAME OPERATOR OF FACILITY X OTHER SPECIFY

TANK/STORAGE		CAPACITY	STATUS	LOCATION	TYPE OF MATERIAL STORED
0001	TANK	550	INSERVC	INABOVEG	WASTE OIL
0002	TANK	550	INSERVC	INABOVEG	WASTE OIL
0003	TANK	550	INSERVC	INABOVEG	OIL, MOTOR
0004	TANK	550	INSERVC	INABOVEG	OIL, MOTOR
0005	TANK	550	INSERVC	INABOVEG	OIL, MOTOR
0006	TANK	275	INSERVC	INABOVEG	TRANSMISSION FLUID
0007	TANK	550	INSERVC	INABOVEG	OIL, MOTOR
0008	TANK	550	INSERVC	INABOVEG	OIL, MOTOR
0009	TANK	550	INSERVC	INABOVEG	OIL, MOTOR

F THERE IS ANY TANK(S) OR STORAGE AREA(S), AT YOUR FACILITY WHICH ARE NOT LISTED BOVE PLEASE PROVIDE US WITH THE FOLLOWING INFORMATION ABOUT EACH TANK OR AREA: APACITY, LOCATION, TYPE OF MATERIAL STORED IN THE TANK OR AREA, AND THE STATUS F THE TANK OR AREA.

HEREBY AFFIRM UNDER PENALTY OF PERJURY, THAT ALL THE INFORMATION PROVIDED ON HIS FORM AND ON ANY ATTACHED FORMS, STATEMENTS AND EXHIBITS IS TRUE AND CORRECT O THE BEST OF MY KNOWLEDGE AND BELIEF.

PRINT NAME	SIGNATURE	TITLE	DATE
DAVID E STARK	David E Stark	Attorney	10/20/92

ATTACHMENT 4

Nassau County Department of Health
NASSAU COUNTY PUBLIC HEALTH ORDINANCE - ARTICLE XI
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT

FORM I-GENERAL INFORMATION (SEE INSTRUCTION SHEET)

If applicable, check the following:
☐ Municipality
☐ Public School
☐ Other tax-supported institutions

If tax exempt facility, enter N.Y. State Exempt Organization Certificate No. and enclose a copy:

For Office Use Only

Facility I.D.	Date Rec'd.
037024	6/17/99
Fee Exempt Fac. ☐ Yes ☑ No	Permit Months: /

Check all that apply to your facility: ☒ Tank Storage ☒ Container Storage ☐ Bulk Storage ☐ Storage of Road De-icing Materials

Reason for submitting application: ☐ New ☐ Renewal ☒ Change ☐ Construction

Facility Name	Street Address	Post Office	State	Zip	Phone
Avis Rent A Car System, Inc.	900 Old Country Road	Garden City	NY	11530	516 222-3000

Facility Mailing Address (If different from above) ATTN: MICHAEL FEELEY	Facility Contact Person (Name & Title)	Phone
900 Old Country Rd., Dept. 93-36 Garden City, NY 11530	William J. Ghaney/Bldg. Services Mgr.	516 222-4609

Facility Owner ATTN: DAVID E. STARK	Street Address	Post Office	State	Zip	Phone
Avis Rent A Car System, Inc.	900 Old Country Road	Garden City	NY	11530	516 222-3615

Property Owner (If not Facility Owner)	Street Address	Post Office	State	Zip	Phone

Tank Owner (If not Facility Owner)	Street Address	Post Office	State	Zip	Phone

Name that should appear on Permit (Permittee)
(If different from Facility Owner) Avis Rent A Car System, Inc. Attention: David Stark

Permittee's Street Address	Post Office	State	Zip	Phone
900 Old Country Rd., Dept. 93-36	Garden City	NY	11530	516 222-3615

Permittee's Relationship to Facility Owner: ☒ Same ☐ Operator of Facility ☐ Other (Specify):

Principal Property Tax Code:	School District No.	Section	Block	Lot
	2	44	67	26, 27, 28

Forms Attached (Check all that apply) ☒ Form 2 - Tank Registration ☒ Form 3 - Bulk & Container Storage Registration ☐ Form 4 - Storage of Road De-icing Materials

I hereby affirm under penalty of perjury that the information provided on this form and on any attached forms, statements and exhibits is true and correct to the best of my knowledge and belief.

Print Name	Signature	Title	Date
David E. Stark	David E. Stark	Real Estate Counsel	6-15-99

EH 857 4/87

☐ D.P.

NASSAU COUNTY DEPARTMENT OF HEALTH
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT
FORM 2 - TANK REGISTRATION
SEE INSTRUCTION SHEETS

Facility ID 037024

For Office Use Only	
Date Application Received 6/17/99	Facility I.D. 37024
Reviewed By MP	Date Reviewed 6/18/99
Action: ☐ Not Req'd. ☐ Approved ☐ Disapproved	No. of Months

Facility Name: Avis Rent A Car System, Inc.

Facility Address: 900 Old Country Road, Garden City, NY 11530

Action	Tank Number	Location	Design Capacity (Gallons)	Material of Construction	Internal Protection	External Protection	Piping	Type	Material Currently or Last Stored: NCDH Number	Material Currently or Last Stored: Name	Status	Tank Installation Date (Month/yr)	Leak Detection	Secondary Containment	Product Gauge	Dispenser Method	Fill	Additional Information for Abandoned Tanks: Date Last Used (Month/yr)	Additional Information for Abandoned Tanks: Condition
1	0005	4	20,000	2	2	3	6	1		Fuel Oil #6	1	4/88	1	3	1	2	2		
1	HF01	4	4,000	2	2	3	8	1		Diesel #2	1	4/88	1	3	1	2	2		

Tank HF01: Piping is 1" copper inside 2" fiberglass

EH 858 4/86

Date Submitted June 15, 1999

Page 1 of 1

☐ D.P.

NASSAU COUNTY DEPARTMENT OF HEALTH
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT
FORM 3 - BULK AND CONTAINER STORAGE REGISTRATION
SEE INSTRUCTION SHEETS

Facility ID: 037024

For Office Use Only			
Date Application Received	6/17/99	Facility I.D.	37.024
Reviewed By	MP	Date Reviewed	8/18/99
Action: ☐ Not Req'd. ☐ Approved ☐ Disapproved		No.of Months	/

Facility Name: AVIS RENT A CAR SYSTEM INC.

Facility Address: 900 OLD COUNTRY RD. GARDEN CITY NY 11530

Action: ☒ Register Existing Area ☐ Add Area ☐ Remove Area ☐ Modify Area — Area No. S 001

Location: ☒ Indoors ☐ Outdoors | Bulk Storage Max.Quantity Stored: | Container Storage Max.No. 3 Max.Vol. 55 gallons each

Secondary Containment: ☐ Impervious Berm/Dike ☒ Impervious Floor/Pad ☒ Roof ☒ Walls ☐ Floor Drain & Storage Tank ☐ None ☐ Other (Specify):

Construction Material of Dike & Pad (Check all that Apply) ☐ Concrete ☐ Steel ☐ Other (Specify): — Security ☒ Yes ☐ No

Type	NCDH Number	Material Name	Physical State	Amount Stored: Average Quantity	Amount Stored: Units	Storage Method: Average Number	Storage Method: Type
1	12400	BIOSPERSE 255 MICROBIOCIDE	1	55	1	1	1
1	42020	PERFORMAX 401 CORROSION INHIBITOR	1	55	1	1	1
1	6551	ADJUNCT	1	55	1	1	1
2	9671	WASTE OIL 2yr 8/19/91	1	110	1	2	1

EH 859 4/86
DH-2791 11/86

Date Submitted JUNE 15, 1999 Page 1 of 3 ☐ D.P.

NASSAU COUNTY DEPARTMENT OF HEALTH
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT
FORM 3 - BULK AND CONTAINER STORAGE REGISTRATION
SEE INSTRUCTION SHEETS

Facility ID: 037024

For Office Use Only			
Date Application Received	6/11/99	Facility I.D.	37024
Reviewed By	MP	Date Reviewed	8/18/99
Action: ☐ Not Req'd. ☐ Approved ☐ Disapproved		No.of Months	/

Facility Name: AVIS RENT A CAR SYSTEM INC.

Facility Address: 900 OLD COUNTRY RD. GARDEN CITY NY 11530

Action: ☐ Register Existing Area ☐ Add Area ☒ Remove Area ☐ Modify Area — Area No. S002

Location: ☐ Indoors ☒ Outdoors | Bulk Storage Max.Quantity Stored: | Container Storage Max.No. 2 Max.Vol. 55 gallons each

Secondary Containment: ☐ Impervious Berm/Dike ☒ Impervious Floor/Pad ☐ Roof ☐ Walls ☐ Floor Drain & Storage Tank ☐ None ☐ Other (Specify):

Construction Material of Dike & Pad (Check all that Apply) ☐ Concrete ☐ Steel ☐ Other (Specify): — Security ☐ Yes ☒ No

Type	NCDH Number	Material Name	Physical State	Amount Stored: Average Quantity	Amount Stored: Units	Storage Method: Average Number	Storage Method: Type
2	9071	WASTE OIL	1	110	1	2	1

EH 859 4/86
DH-2791 11/86

Date Submitted JUNE 15, 1999

☐ D.P.

NASSAU COUNTY DEPARTMENT OF HEALTH
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT
FORM 3 - BULK AND CONTAINER STORAGE REGISTRATION
SEE INSTRUCTION SHEETS

Facility ID: 037024

For Office Use Only			
Date Application Received	6/17/99	Facility I.D.	37024
Reviewed By	MP	Date Reviewed	8/19/99
Action: ☐ Not Req'd. ☐ Approved ☐ Disapproved		No.of Months	✓

Facility Name: AVIS RENT A CAR SYSTEM INC.

Facility Address: 900 OLD COUNTRY RD. GARDEN CITY NY 11530

Action: ☐ Register Existing Area ☒ Add Area ☒ Remove Area ☐ Modify Area — Area No. S003

Location: ☒ Indoors ☐ Outdoors | Bulk Storage Max.Quantity Stored: 2yr 6/11/99 | Container Storage Max.No. 2 Max.Vol. 55gallons each

Secondary Containment: ☐ Impervious Berm/Dike ☒ Impervious Floor/Pad ☒ Roof ☒ Walls ☐ Floor Drain & Storage Tank ☐ None ☐ Other (Specify):

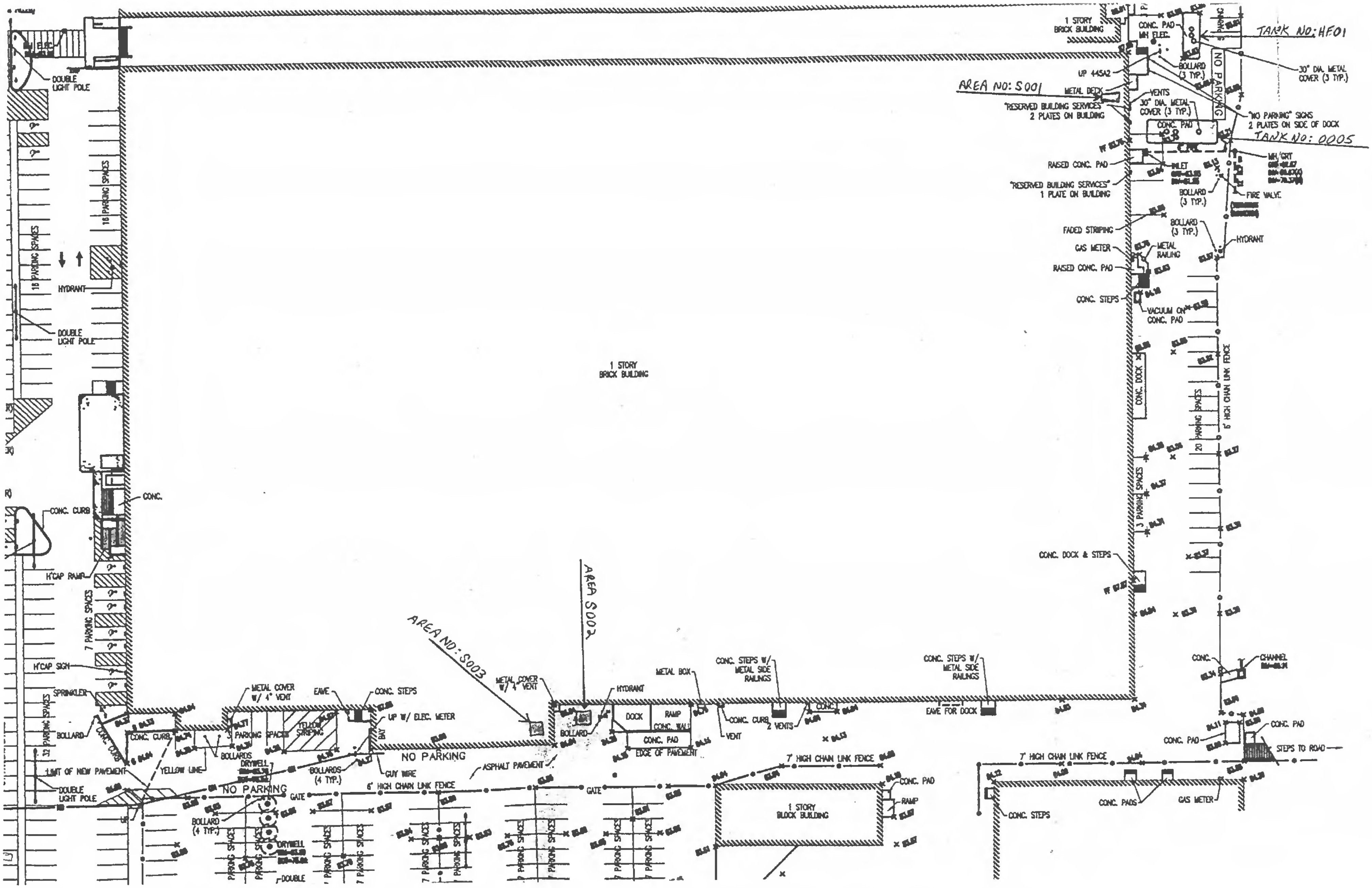
Construction Material of Dike & Pad (Check all that Apply) ☐ Concrete ☐ Steel ☐ Other (Specify): | Security ☒ Yes ☐ No

Type	NCDH Number	Material Name	Physical State	Amount Stored: Average Quantity	Amount Stored: Units	Storage Method: Average Number	Storage Method: Type
2	9671	WASTE OIL	1	110	1	2	1

EH 859 4/86
DH-2791 11/86

Date Submitted JUNE 15, 1999

☐ D.P.


TANK NO: HF01
30" DIA. METAL COVER (3 TYP.)
1 STORY BRICK BUILDING
CONC. PAD
MH ELEC.
BOLLARD (3 TYP.)
NO PARKING
UP 445A2
AREA NO: S001
METAL DECK
VENTS
"RESERVED BUILDING SERVICES" 2 PLATES ON BUILDING
30" DIA. METAL COVER (3 TYP.)
CONC. PAD
"NO PARKING" SIGNS 2 PLATES ON SIDE OF DOCK
TANK NO: 0005
RAISED CONC. PAD
INLET
MH/CRT
"RESERVED BUILDING SERVICES" 1 PLATE ON BUILDING
BOLLARD (3 TYP.)
FIRE VALVE
FADED STRIPING
BOLLARD (3 TYP.)
HYDRANT
GAS METER
METAL RAILING
RAISED CONC. PAD
CONC. STEPS
VACUUM ON CONC. PAD
CONC. DOCK
20 PARKING SPACES
6' HIGH CHAIN LINK FENCE
3 PARKING SPACES
CONC. DOCK & STEPS
1 STORY BRICK BUILDING
DOUBLE LIGHT POLE
18 PARKING SPACES
18 PARKING SPACES
HYDRANT
DOUBLE LIGHT POLE
CONC.
CONC. CURB
H'CAP RAMP
7 PARKING SPACES
H'CAP SIGN
SPRINKLER
BOLLARD
32 PARKING SPACES
LIMIT OF NEW PAVEMENT
DOUBLE LIGHT POLE
AREA S002
AREA NO: S003
METAL COVER W/ 4" VENT
EAVE
CONC. STEPS
UP W/ ELEC. METER
METAL COVER W/ 4" VENT
HYDRANT
METAL BOX
CONC. STEPS W/ METAL SIDE RAILINGS
CONC. STEPS W/ METAL SIDE RAILINGS
CONC.
CHANNEL
CONC. CURB
PARKING SPACES
YELLOW STRIPING
BAY
BOLLARD
DOCK
RAMP
CONC. WALL
CONC. PAD
EDGE OF PAVEMENT
VENT
CONC. CURB
2 VENTS
CONC.
EAVE FOR DOCK
CONC. PAD
CONC. PAD
STEPS TO ROAD
BOLLARDS
YELLOW LINE
DRYWELL
BOLLARDS (4 TYP.)
GUY WIRE
NO PARKING
ASPHALT PAVEMENT
7' HIGH CHAIN LINK FENCE
7' HIGH CHAIN LINK FENCE
NO PARKING
6' HIGH CHAIN LINK FENCE
GATE
GATE
CONC. PAD
RAMP
1 STORY BLOCK BUILDING
CONC. STEPS
CONC. PADS
GAS METER
BOLLARD (4 TYP.)
DRYWELL
PARKING SPACES
7 PARKING SPACES
7 PARKING SPACES
7 PARKING SPACES
DOUBLE

ATTACHMENT 5

LOTTA
JTIVE

KATHLEEN A. GAFFNEY, M.D., M.P.H.
COMMISSIONER

COUNTY OF NASSAU
DEPARTMENT OF HEALTH
240 OLD COUNTRY ROAD
MINEOLA, N.Y. 11501-4250

June 21, 1999

CERTIFIED MAIL
Avis
900 Old Country Rd.
Garden City, N.Y. 11530

First-Class
Postage &
USPS
ermit No. G-

Att:William Ghaney
Mgr. - Bldg. Services

Re:Storage of Toxic & Hazardous Materials
Avis
900 Old Country Rd.
Garden City, N.Y.
Facility ID # 37024

Dear Mr. Ghaney:

On June 4, 1999 an inspection of your facility was conducted by representatives of this Department to determine proper storage of toxic and hazardous materials and compliance with Article XI of the Nassau County Public Health Ordinance.

At the time of the inspection the following violations of Article XI were noted:

1 - Electronic leak detection system (for fuel oil tank) to be checked for proper operation

2 - Waste oil storage must be registered with Department and drum storge must comply with Article XI Requirements

Be advised that this Department must be notified in writing within 45 days that the above violations have been corrected. Clearly detail the actions, materials and/or methods used to correct the violations. An application for registering the waste oil drum storage is enclosed. Failure to comply could result in legal action as mandated by the Public Health Ordinance.

If you have any further questions or would like any additional information please contact me at 571-3232.

Very truly yours,

Michael Mangino
P.H. Sanitarian II
Bureau of Environmental Management

MM:sb
Enc.
cc: Howard Schaefer - Office of Enforcement
1693Q-4

AVIS

We try harder.

WILLIAM J. GHANEY
Manager - Building Services

Avis Rent A Car System, Inc.

WORLD HEADQUARTERS
900 Old Country Road
Garden City, New York 11530
Telephone: (516) 222-4260
Telephone: (516) 222-4262 Facsimile: (516) 222-4609

Letter

- ARTICLE XI

Facility Name: AVIS. | Facility I.D. No.: 37024.

Address: 900 OLD COUNTRY RD., GARDEN CITY, NY.

Contact Person: WILLIAM J. GHANEY.

Title: MNGR. | Phone: 222-4609.

Date Permit Expires: 4/1/2002. | New [ ] Renewal [X]

ELECTRIC	Yes	No	N/A	ITEM	Yes	No	N/A
A. TANK STORAGE T.S. 20K. F-O				C. BULK & CONTAINER STORAGE			
1.Leakage/Spill Monitoring Equipment Functioning		/		1.Adequate Spill Control & Containment		/	
2.Means of Calculating Product Delivery & Use	/			2.Proper Segregation of Incompatible Wastes	/		
3.Proper Overfill Protection	/			3.Bulk Chemicals Stored On Pallets & Under Roof		/	
4.Adequate Spill Control & Containment	/			4.Storage Area Secure	/		
5.Roof Over Storage/Transfer Operation			/	5.Proper Stack Size & Adequate Aisles	/		
6.Proper Testing & Inspections		/		6.Containers Off Ground, Capped, Not Leaking	/		/
7.Proper Labels & Notices Posted	/			7.Proper Labels & Notices Posted		/	
8.Standard Operating Procedures Posted			/	8.Standard Operating Procedures Posted		/	
B. RECORDS & REPORTS				D. WASTES - ESTIMATED QUANTITIES ON SITE			
1.Records of Chemical Deliveries & Use In Order			/	1.Containers	/		
2.Records of Inspections In Order			/	2.Tanks		/	
3.Records of Leaks & Spills In Order			/	E. FLOOR DRAINS			/
4.Waste Records In Order			/	F. EMISSION POINTS			/
5.Reports Submitted On Time			/	G. OVERALL INSPECTION [ ] Satisfactory [ ] Non-Compliance			

Date	Item	
	A-	T.S. 20K. F.O. DBLWL. ELECTRONIC LEAK DETECTION SYSTEM NEEDS TO BE CHECKED. 3rd
		IN ALERT STATUS. LIGHT INDICATES NORMAL CONDITION - HIGH LEVEL ALARM IS FUNCTIONING
	C-	DRUM W-O MUST BE ON PALLET & STORED WITH COVER, CONTAINMENT & LABELLED. - S.O.P.
		MUST BE POSTED.

Signature of Inspector	Date	Signature of Company Representative	Date
	6/4/99.		6/4/99

AR 1

NASSAU COUNTY DEPARTMENT OF HEALTH

NASSAU COUNTY PUBLIC HEALTH ORDINANCE - ARTICLE XI

PERMIT COMPLIANCE INSPECTION REPORT

BUREAU OF ENVIRONMENTAL MANAGEMENT

Facility Name: AVIS.

Facility I.D. No.: 37024.

Address: 900 OLD COUNTRY RD. ~~[illegible]~~ GARDEN CITY. N.Y.

Contact Person: WILLIAM GHANEM.

Title: BLDG. SVC.

Phone: 222-4260.

Date Permit Expires: 4/1/2002.

New [ ] Renewal [X]

ITEM	Yes	No	N/A
A. TANK STORAGE T-5. 20K. F.O. #6. UG DBLWL			
1.Leakage/Spill Monitoring Equipment Functioning	✓		
2.Means of Calculating Product Delivery & Use			✓
3.Proper Overfill Protection	✓		
4.Adequate Spill Control & Containment	✓		
5.Roof Over Storage/Transfer Operation			✓
6.Proper Testing & Inspections	✓		
7.Proper Labels & Notices Posted	✓		
8.Standard Operating Procedures Posted			✓
B. RECORDS & REPORTS			
1.Records of Chemical Deliveries & Use In Order			✓
2.Records of Inspections In Order			✓
3.Records of Leaks & Spills In Order			✓
4.Waste Records In Order SK[illegible]. *	✓		
5.Reports Submitted On Time			✓

ITEM	Yes	No	N/A
C. BULK & CONTAINER STORAGE 2 DM. W.O.			
1.Adequate Spill Control & Containment	✓		
2.Proper Segregation of Incompatible Wastes	✓		
3.Bulk Chemicals Stored On Pallets & Under Roof	✓		
4.Storage Area Secure	✓		
5.Proper Stack Size & Adequate Aisles	✓		
6.Containers Off Ground, Capped, Not Leaking	✓		
7.Proper Labels & Notices Posted	✓		
8.Standard Operating Procedures Posted	✓		
D. WASTES - ESTIMATED QUANTITIES ON SITE			
1.Containers	✓		
2.Tanks		✓	
E. FLOOR DRAINS			✓
F. EMISSION POINTS			✓
G. OVERALL INSPECTION [X] Satisfactory [ ] Non-Compliance			

Date	Item	
		* SEE LAST INSPECTION.
		CORRECTIONS MADE.
	–	CHECK FOR: APPL. FOR STORAGE AREA (2 DM. W.O.) AT OFFICE.

Signature of Inspector: [signature] Date: 7/29/99.

Signature of Company Representative: [signature] Date:

EH870

HE-1508. 12/94

DL

NASSAU COUNTY DEPARTMENT OF HEALTH
NASSAU COUNTY PUBLIC HEALTH ORDINANCE - ARTICLE XI
PERMIT COMPLIANCE INSPECTION REPORT
BUREAU OF ENVIRONMENTAL MANAGEMENT

Facility Name: AVIS
Facility I.D. No.: 32023
Address: 900 Old Country Rd., Garden City, N.Y.
Contact Person: William Bradley
Title: BLDG. SUPV.
Phone: 222-4260
Date Permit Expires: 4/1/2002.
New [ ] Renewal [ ]

ITEM	Yes	No	N/A	ITEM	Yes	No	N/A
A. TANK STORAGE				C. BULK & CONTAINER STORAGE			
1.Leakage/Spill Monitoring Equipment Functioning	✓			1.Adequate Spill Control & Containment	✓		
2.Means of Calculating Product Delivery & Use			✓	2.Proper Segregation of Incompatible Wastes	✓		
3.Proper Overfill Protection	✓			3.Bulk Chemicals Stored On Pallets & Under Roof	✓		
4.Adequate Spill Control & Containment	✓			4.Storage Area Secure	✓		
5.Roof Over Storage/Transfer Operation	.		✓	5.Proper Stack Size & Adequate Aisles	✓		
6.Proper Testing & Inspections	✓			6.Containers Off Ground, Capped, Not Leaking	✓		
7.Proper Labels & Notices Posted	✓			7.Proper Labels & Notices Posted	✓		
8.Standard Operating Procedures Posted			✓	8.Standard Operating Procedures Posted	✓		
B. RECORDS & REPORTS				D. WASTES - ESTIMATED QUANTITIES ON SITE			
1.Records of Chemical Deliveries & Use In Order			✓	1.Containers	✓		
2.Records of Inspections In Order			✓	2.Tanks		✓	
3.Records of Leaks & Spills In Order			✓	E. FLOOR DRAINS		-	✓
4.Waste Records In Order			✓	F. EMISSION POINTS			✓
5.Reports Submitted On Time			✓	G. OVERALL INSPECTION [X] Satisfactory [ ] Non-Compliance			

Date	Item	
	C-	S1 - INCLUDES WASTE OIL S2, S3, REMOVED.

Signature of Inspector [signature] Date 8/19/99
Signature of Company Representative [signature] Date 8/19/99

EH870

HE-1508. 12/94
AB

NASSAU COUNTY DEPARTMENT OF HEALTH
NASSAU COUNTY PUBLIC HEALTH ORDINANCE - ARTICLE XI
PERMIT COMPLIANCE INSPECTION REPORT
BUREAU OF ENVIRONMENTAL MANAGEMENT

Facility Name: Avis	Facility I.D. No.: 37024
Address: 900 Old Country Rd Garden City	
Contact Person: William Ghaney	
Title: Bldg services mgr.	Phone: 222-4260
Date Permit Expires: 4/1/02	New [ ] Renewal [X]

ITEM	Yes	No	N/A
A. TANK STORAGE #5 u/g 20K Doublewalled			
1.Leakage/Spill Monitoring Equipment Functioning	✓		
2.Means of Calculating Product Delivery & Use electronic	✓		
3.Proper Overfill Protection	✓		
4.Adequate Spill Control & Containment	✓		
5.Roof Over Storage/Transfer Operation			✓
6.Proper Testing & Inspections	✓		
7.Proper Labels & Notices Posted			✓
8.Standard Operating Procedures Posted	✓		
B. RECORDS & REPORTS			
1.Records of Chemical Deliveries & Use In Order	✓		
2.Records of Inspections In Order			✓
3.Records of Leaks & Spills In Order			✓
4.Waste Records In Order			✓
5.Reports Submitted On Time			✓

ITEM outdoors Waste oil / Boiler Rm Chem	Yes	No	N/A
C. BULK & CONTAINER STORAGE			
1.Adequate Spill Control & Containment	✓		
2.Proper Segregation of Incompatible Wastes	✓		
3.Bulk Chemicals Stored On Pallets & Under Roof	✓		
4.Storage Area Secure	✓		
5.Proper Stack Size & Adequate Aisles	✓		
6.Containers Off Ground, Capped, Not Leaking	✓		
7.Proper Labels & Notices Posted	✓		
8.Standard Operating Procedures Posted	✓		
D. WASTES - ESTIMATED QUANTITIES ON SITE			
1.Containers 2 drums waste oil	✓		
2.Tanks			
E. FLOOR DRAINS			
F. EMISSION POINTS			

G. OVERALL INSPECTION [X] Satisfactory [ ] Non-Compliance

Date	Item

Signature of Inspector [signature]	Date 4/8/02	Signature of Company Representative [signature]	Date

FEH870

HE-1508. 12/94

ATTACHMENT 6

THOMAS S. GULOTTA
COUNTY EXECUTIVE

ABBY J. GREENBERG, M.D.
ACTING COMMISSIONER

COUNTY OF NASSAU
DEPARTMENT OF HEALTH
240 OLD COUNTRY ROAD
MINEOLA, N.Y. 11501-4250

File Copy

December 8, 1993

Mr. Vince Monaco, Director
Building Services
Avis Rent A Car System, Inc.
900 Old Country Road
Garden City, N.Y. 11530

Re: 900 Old Country Road
Garden City, N.Y. 11530

Dear Mr. Monaco:

To follow-up our meeting on November 22, 1993 at the above referenced facility, I wish to advise you that the current floor drain system, located in the boiler and mechanical rooms and discharging to the outside leaching field, is in violation of USEPA and NCDH regulations. Consequently, the site has been referred to the USEPA for appropriate action.

To achieve compliance, three options are available:

1 - You may apply for a federal permit to continue discharging waste water into the ground. Be advised that depending on the volume of waste water being discharged, a New York State SPDES permit may also be required.

2 - You may eliminate all discharges into the ground by connecting the system to the public sanitary sewer system. Be advised that a permit to connect must first be obtained from the Nassau County Department of Public Works (516) 571-3185.

3 - You may eliminate all discharges into the ground by installing an approved holding tank system. The installation approval and permit required may be obtained from NCDH's Bureau of Environmental Engineering (516 571-2227.

Regardless of which option you choose, you must investigate the possibility of soil and groundwater contamination resulting from past discharge practices. Please submit a closure plan which outlines your intention to achieve compliance to:

Mr. Frank Brock, Chief
UIC Section, USEPA Region II
26 Federal Plaza, Room 853
New York, N.Y. 10278

A copy of the closure plan should be sent to NCDH. Enclosed is a copy of the NCDH Floor Drain and Dry Wells Closure Procedures which may be helpful to you.

If you have any questions regarding this matter, please contact me at 571-3323.

Very truly yours,

Donald Irwin

Donald Irwin
Public Health Sanitarian
Bureau Water Supply Protection

DI:ds

Doc. #2418J (p. 2-3)

THOMAS S. GULOTTA
COUNTY EXECUTIVE

ABBY J. GREENBERG, M.D.
ACTING COMMISSIONER

COUNTY OF NASSAU
DEPARTMENT OF HEALTH
240 OLD COUNTRY ROAD
MINEOLA, N.Y. 11501-4250

File Copy

December 8, 1993

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Building Services
Avis Rent A Car System, Inc.
900 Old Country Road
Garden City, N.Y. 11530

Re: 900 Old Country Road
Garden City, N.Y. 11530

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1 - You may apply for a federal permit to continue discharging waste water into the ground. Be advised that depending on the volume of waste water being discharged, a New York State SPDES permit may also be required.

2 - You may eliminate all discharges into the ground by connecting the system to the public sanitary sewer system. Be advised that a permit to connect must first be obtained from the Nassau County Department of Public Works (516) 571-3185.

3 - You may eliminate all discharges into the ground by installing an approved holding tank system. The installation approval and permit required may be obtained from NCDH's Bureau of Environmental Engineering (516 571-2227.

Regardless of which option you choose, you must investigate the possibility of soil and groundwater contamination resulting from past discharge practices. Please submit a closure plan which outlines your intention to achieve compliance to:

Mr. Frank Brock, Chief
UIC Section, USEPA Region II
26 Federal Plaza, Room 853
New York, N.Y. 10278

A copy of the closure plan should be sent to NCDH. Enclosed is a copy of the NCDH Floor Drain and Dry Wells Closure Procedures which may be helpful to you.

If you have any questions regarding this matter, please contact me at 571-3323.

Very truly yours,

Donald Irwin

Donald Irwin
Public Health Sanitarian
Bureau Water Supply Protection

DI:ds

Doc. #2418J (p. 2-3)

THOMAS S. GULOTTA
COUNTY EXECUTIVE

ABBY J. GREENBERG, M.D.
ACTING COMMISSIONER

COUNTY OF NASSAU
DEPARTMENT OF HEALTH
240 OLD COUNTRY ROAD
MINEOLA, N.Y. 11501-4250

December 8, 1993

Mr. Frank C. Brock, Chief
UIC Section, USEPA Region II
26 Federal Plaza, Room 853
New York, N.Y. 10278

Re: Avis World Headquarters
900 Old Country Road
Garden City, N.Y. 11530
(516) 222-4260

Dear Mr. Brock:

Nassau County Department of Health recently inspected the above referenced facility and found several floor drains located in the boiler and mechanical rooms. These drains reportedly discharge to an inground concrete vault which then discharges to a distribution box and leaching system. Dye tests performed on two of the floor drains were inconclusive, probably due to clogged plumbing lines. The inground vault was visibly contaminated with heavy petroleum products.

We are referring this site to you for appropriate action under the UIC program. The contact at Avis is Mr. Vince Monaco, Director of Building Services.

If you have any questions regarding this matter, please contact me at 571-3831.

Very truly yours,

Donald Irwin
Public Health Sanitarian
Bureau Water Supply Protection

DI:ds

Doc. #2418J

DEC 2 7 1993

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
Article number: P-213-758-953

Rose Pelino, P.E.
Manager Environmental Affairs
Avis Rent A Car System, Inc.
World Headquarters
900 Old Country Road
Garden City, New York 11530

Re: Class V UIC Permit Application/Closure Request
Avis World Headquarters
900 Old Country Road
Garden City, New York 11530

Dear Ms. Pelino:

A recent inspection of the above-referenced facility, indicates that fluids are being disposed of into a service bay drain which discharges into the ground by means of a septic system. Under 40 Code of Federal Regulations (C.F.R.) §144.3, the septic system is considered a Class V injection well, type 5X28 (see Enclosure 1, Class V well types) and is subject to the requirements of the Underground Injection Control (UIC) program. U.S. Environmental Protection Agency (EPA) records indicate that the injection activity is authorized by rule pursuant to 40 C.F.R. §144.24.

EPA administers the UIC program as mandated by Part C of the Safe Drinking Water Act (SDWA), 42 United States Code (U.S.C.) §300f et seq., as amended. Section 1422 of the SDWA, 42 U.S.C. §300h-1, requires EPA to administer the UIC program in states that do not have approved state programs, as is the case in New York. The regulations associated with the program are contained in 40 C.F.R. Parts 124, 144, 145, 146, and 147. 40 C.F.R. §144.12(a) states that no owner or operator shall conduct any injection activity in a manner that allows the movement of fluid containing any contaminant into underground sources of drinking water, if the presence of that contaminant may cause a violation of any primary drinking water regulation under 40 C.F.R. Part 142 or may otherwise adversely affect the health of persons. 40 C.F.R. §144.12(d) states that when the Director of the UIC program learns that a Class V well may cause a violation, he may take such actions as may be necessary to prevent the violation. This may include requiring the operator to obtain an individual UIC permit or closure of the well.

DEC 29 1993

Your facility is located in an area where any contaminants disposed of into an injection well might contaminate ground water. In addition, chemical analysis of the injection well contents at facilities of the type you operate have been found to contain high concentrations of dangerous contaminants such as benzene (a known carcinogen), toluene, ethylbenzene, xylene, lead, cadmium and chromium. Consequently, your facility's Class V well might cause a violation of primary drinking water regulations or otherwise adversely affect the health of persons. Therefore, it is necessary that action be taken to prevent any such violation or adverse impact, by either operating the well in accordance with the requirements of a UIC Permit or closing the well properly. See Enclosure 2 for additional information.

It is EPA's experience that the cost of treating the wastes you inject to ensure the removal of all contaminants would be substantial. In addition, an EPA injection well permit would require you to have a sample collected and analyzed by a laboratory periodically. For these reasons, most Class V injection well operators choose to close the wells rather than attempt to obtain a federally issued UIC permit. Therefore **EPA strongly recommends that you choose to close the well. Before you close the well, you must submit a closure plan to EPA and receive EPA's approval of that plan. Enclosed are instructions for UIC closure plans (see Enclosure 2).**

If you would like to continue using the well, you must submit a permit application to EPA. Instructions for filing a Federal UIC permit application are enclosed (see Enclosure 3). Should the permit application fail to meet all UIC requirements, as summarized in 40 C.F.R. Part 144 Subpart D and §144.12(a), the permit application will be denied and well closure will be necessary. Be advised that issuance of a Federal UIC permit does not exempt the facility from State or local law and that, therefore, any injection activity may be prohibited at the State or local level, regardless of the fact that a Federal UIC permit has been issued to you.

Failure to submit a closure plan or permit application **within 30 days of receipt of this letter** will result in loss of authorization to inject into the well and may result in an enforcement action pursuant to Section 1423 of the SDWA, 42 U.S.C. §300h-2, *et seq*. including, but not limited to, the imposition of a civil penalty of not more than $25,000 for each day of violation. In addition to, or in lieu of a civil penalty,

willful violations may result in imprisonment for up to 3 years or a fine in accordance with Title 18 of the U.S.C. As an alternative to civil or criminal enforcement, an Administrative Order may be issued which assesses an administrative penalty of not more than $10,000 for each day of violation for any past or current violations, up to a maximum penalty of $125,000. An Administrative Order may also require compliance with UIC regulations or other requirements of the SDWA.

Should you need additional time to prepare your closure plan or permit application, you must submit a letter explaining the reason(s) you are unable to comply within the allotted 30 days and how many additional days you need. EPA will consider your extension request and will advise you in writing of its decision to approve or deny the request.

In addition, should you own or operate other facilities using underground injection wells, you must, pursuant to 40 C.F.R. §§144.26 and 144.27, report the following information within 30 days of receipt of this letter:

1. Name and address of the facility.

2. Name of the landowner, business owner, and facility operator.

3. Type(s) of well(s) (cesspool, drywell, leachfield) and all sources of fluid (floor drains, bathrooms, storm water, etc.) going into the well(s).

EPA will evaluate the information you submit and advise you in writing of any applicable UIC requirements concerning the additional wells.

Please send all submissions to:

Frank C. Brock, Chief
Underground Injection Control Section
U.S. Environmental Protection Agency
26 Federal Plaza, Room 853
New York, NY 10278

If you have any questions concerning this matter, you may contact Edwin Khadaran of my staff at (212) 264-1347.

Your cooperation in this matter is encouraged.

Sincerely yours,

Richard L. Caspe, P.E.
Director
Water Management Division

Enclosures

cc: N.G. Kaul, Director
Division of Water
New York State Department of
Environmental Conservation

Robert Schneck, Regional Water Engineer
New York State Department of
Environmental Conservation - Region 1

Donald Irwin, Public Health Sanitarian
Nassau County Department of Health

Vince Monaco, Director of Buildings
Avis World Headquarters

DEC 2 7 1993

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
Article number: P-213-758-953

Rose Pelino, P.E.
Manager Environmental Affairs
Avis Rent A Car System, Inc.
World Headquarters
900 Old Country Road
Garden City, New York 11530

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Avis World Headquarters
900 Old Country Road
Garden City, New York 11530

Dear Ms. Pelino:

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DEC 29 1993

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willful violations may result in imprisonment for up to 3 years or a fine in accordance with Title 18 of the U.S.C. As an alternative to civil or criminal enforcement, an Administrative Order may be issued which assesses an administrative penalty of not more than $10,000 for each day of violation for any past or current violations, up to a maximum penalty of $125,000. An Administrative Order may also require compliance with UIC regulations or other requirements of the SDWA.

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1. Name and address of the facility.

2. Name of the landowner, business owner, and facility operator.

3. Type(s) of well(s) (cesspool, drywell, leachfield) and all sources of fluid (floor drains, bathrooms, storm water, etc.) going into the well(s).

EPA will evaluate the information you submit and advise you in writing of any applicable UIC requirements concerning the additional wells.

Please send all submissions to:

Frank C. Brock, Chief
Underground Injection Control Section
U.S. Environmental Protection Agency
26 Federal Plaza, Room 853
New York, NY 10278

If you have any questions concerning this matter, you may contact Edwin Khadaran of my staff at (212) 264-1347.

Your cooperation in this matter is encouraged.

Sincerely yours,

Richard L. Caspe, P.E.
Director
Water Management Division

Enclosures

cc: N.G. Kaul, Director
Division of Water
New York State Department of
Environmental Conservation

Robert Schneck, Regional Water Engineer
New York State Department of
Environmental Conservation - Region 1

Donald Irwin, Public Health Sanitarian
Nassau County Department of Health

Vince Monaco, Director of Buildings
Avis World Headquarters

Tyree Brothers Environmental Services, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-3281 · Phone: 516-249-3150

January 25, 1994

Avis World Headquarters
900 Old Country Road
Garden City, New York 11530

Attn.: Vince Monaco

Re: Class V X 28 Injection Well Closure
Premises

Dear Mr. Monaco;
Enclosed please find a copy of the closure plan for the floor drain system at your facility. The plan is written to address the compliance requirements of the United States Environmental Protection Agency and the Nassau County Department of Health.

If you have any questions regarding the contents of the closure plan please do not hesitate to contact me.

Sincerely,

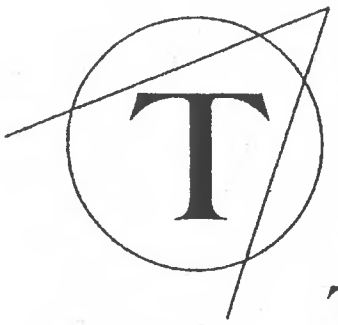
Michael Mulqueen
Hydrogeologist/Project Manager

Encl.

cc: R. Pelino, Avis World Headquarters
D. Irwin, NCDH
F. Brock, USEPA

Member
Tyree Environmental Technologies

JAN 27 1994



Tyree Environmental Technologies

- Analysis
- Construction
- Remediation

Tyree
Environmental
Technologies

UNDERGROUND INJECTION CONTROL
BAYDRAIN CLOSURE PLAN
AVIS WORLD HEADQUARTERS
900 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK 11530

JANUARY 1994

PREPARED FOR:

MR. VINCE MONACO
DIRECTOR OF BUILDINGS
AVIS WORLD HEADQUARTERS
GARDEN CITY, NEW YORK

PREPARED BY:

TYREE BROTHERS ENVIRONMENTAL SERVICES, INC.
208 Route 109
FARMINGDALE, NEW YORK 11735
(516) 249-3150

INTRODUCTION

Tyree Brothers Environmental Services, Inc. (TBES) has been contracted by Avis World Headquarters to conduct underground injection well closure activities at the property located at 900 Old County Road, Garden City, New York. This work plan has been prepared to address the specific activities for closure, to commence upon approval of this plan by the United States Environmental Protection Agency (USEPA) and the Nassau County Department of Health (NCDOH).

SITE DESCRIPTION

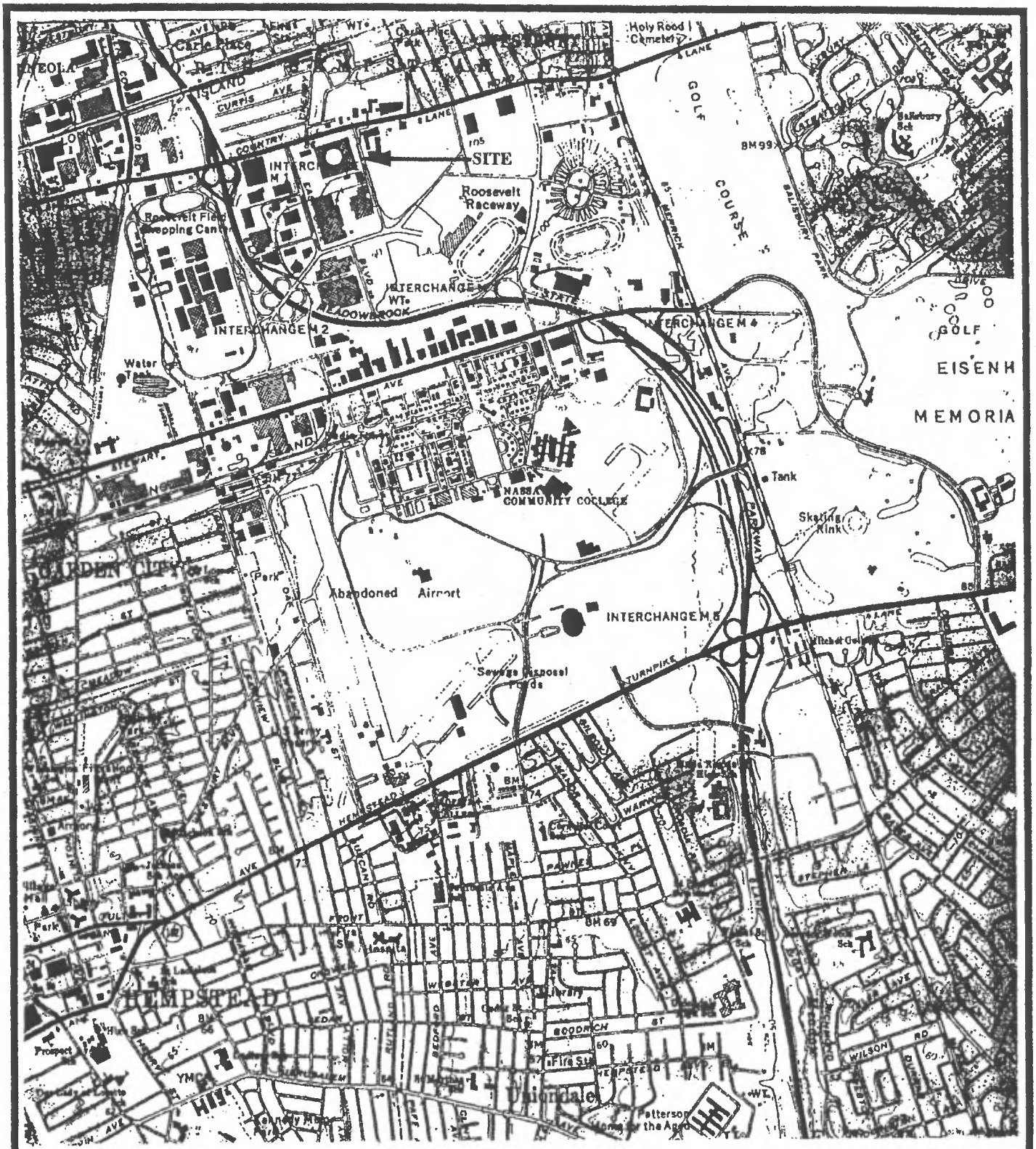
The project site is located on the south side of Old Country Road, imediately west of Zeckendorf Boulevard in Garden City, Nassau County, New York (Figure 1).

The property has two commercial buildings that are joined together and used as office and warehouse space of approximately 430,000 square feet. The buildings were constructed in 1952 and past history indicates that it may have been used for manufacturing. The southern building contains the heat generation plant and chiller system in the northeast corner (Figure 2). Four rooms within this section contain a total of twenty (20) floor drains which may be regulated under the UIC program as mandated by Part C of the Federal Safe Drinking Water Act (SDWA).

Operating Data/Injection Well Status

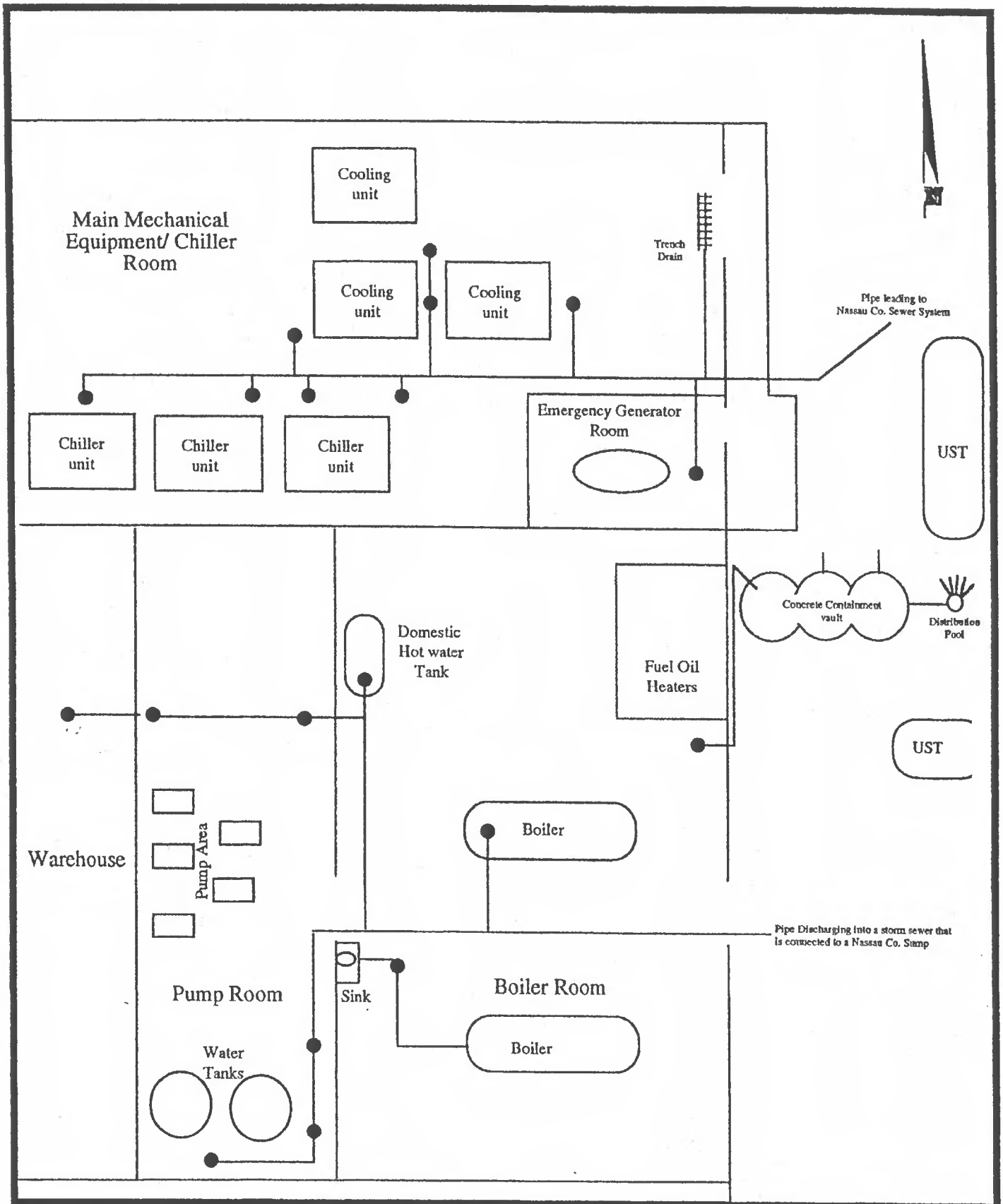
The northeast corner of the area of concern is subdivided into a loading dock bay and an emergency generator room. The loading dock has one (1) trench drain that serves as a receiver of precipitation, if needed. The emergency generator room contains one (1) floor drain.

A main mechanical equipment/chiller room is located to the west of the loading dock and emergency generator room. This room contains the ventilation and air conditioning units for the two buildings. There are a total of eight (8) floor drains in this area. These drains serve as receivers of condensate waters that are precipitated on the chiller and ventilation units on hot, humid days.



Source: USGS 7.5 Minute Series, Topographic, Freeport Quadrangle, 1969, (photorevised, 1979).

Tyree Brothers Environmental Services, Inc. 208 Route 109 Farmingdale, New York 11735	**FIGURE 1:LOCATION MAP** AVIS WORLD HEADQUARTERS 900 Old Country Road Garden City, New York	Drawn by: M. Mulqueen Date: 1 - 12 - 94 Scale: 1"=2,000'



TYREE BROTHERS ENVIRONMENTAL SERVICES, INC.
208 Route 109
Farmingdale, NY 11735

Figure 1: Site Map
AVIS WORLD HEADQUARTERS
South Building
Garden City, New York

Drawn By: M. Mulqueen
Date: 12-21-93
Scale: No Scale
● Floor Drain

A warehouse, pump room, and boiler room are located to the south of the chiller room. The warehouse is used to store paper and office supplies used by Avis and its subsidiaries. The warehouse contains one (1) floor drain and a cleanout. It is believed that this drain discharges into the pump room to the west.

The pump room contains chill water and condenser water pumps and two (2) 5,000 gallon aboveground water tanks. There are a total of five (5) floor drains around the perimeter of the pump room. These drains serve as emergency discharge points for water in case of tank, pump or pipe failure.

The boiler room is located east of the pump room. The boiler room contains two fuel oil fired boilers, a domestic hot water tank, and a fuel oil heating system. There are a total of four (4) floor drains in the boiler room. Each boiler has a floor drain that accepts blow off waters from the heating system. There is one (1) floor drain located beneath the domestic hot water tank. This drain serves as an emergency receiver of hot water from the domestic hot water system. The fourth floor drain serves as a discharge point for condensate waters from the fuel heating system. Hot water enters this drain at an approximate rate of one-half (.5) gallon per minute.

The historical uses of the floor drains by Avis World Headquarters were as receptors of water from the heating and cooling system. Blow-off waters from the boilers were periodically discharged into the drains. Hot water and iron sediments were periodically drained from the domestic hot water tank for system maintenance. The fuel oil heater condensate waters also enter the floor drain system. Since the design of the building has not been altered since the construction, it is believed that the past use of the floor drains was the same as the present usage.

The only other potential source of waters entering this system is a wash sink that was recently installed in the boiler room. Soap and water is used in this sink. Roof drainage is directed to the east side of the building where gutters and down spout pipes direct the water into storm sewers. There were no petroleum odors or stains on the floors of the areas of concern.

It is believed that there are at least two (2) discharge points for the twenty floor drain system.

Avis recently found that it could not discharge the blow off waters from the boilers. The drains that served the boilers appeared to be clogged. At the time, the most likely discharge point for the boiler drains was a concrete holding tank located to the east of the boiler room. Liquid and sludge samples were obtained from the concrete holding tank and analyzed for disposal parameters.

On November 22, 1993, Tyree Brothers Environmental Services, Inc. (TBES) dispatched an industrial waste scavenger, crew and hydrogeologist to clean the holding tank out and collect endpoint samples. Mr. Donald Irwin of the Nassau County Department of Health was on site to provide regulatory oversight. At the time of this cleanout, we confirmed that the fuel oil heater condensate waters were discharging to the containment tank. Drains from the boiler room, pump room and emergency generator room were also dye tested. None of these drains were confirmed to be discharging into the concrete containment tank.

According to Mr. Monaco, the Director of Buildings at Avis World Headquarters, building plans show that the floor drains in the main mechanical equipment/chiller room are connected to a discharge point in the Nassau County Sewer System.

The drains from the boiler room are believed to be discharging into a storm sewer on the east side of the south building, which in turn discharges into a sump.

If these drains do not discharge to the aforementioned sewer and sump, then they are most likely discharging into one or more drywells.

Typical dry wells of this sort are approximately twelve (12) deep and eight (8) feet in diameter with a single four (4) inch diameter pipe discharging into the well (Figure 3).

The well is injecting into the Upper Pleistocene deposits which comprise the Upper Glacial aquifer. These deposits are comprised of till composed of clay, sand, gravel, and boulders which forms the Harbor Hill and Ronkonkoma moraines. Outwash deposits consist of fine to very coarse sand and pebbles to boulder sized gravel. The depth to the water table was calculated to be approximately sixty-five (65) feet below grade.

TYPICAL DRY WELL CONSTRUCTION DIAGRAM
(NOT TO SCALE)

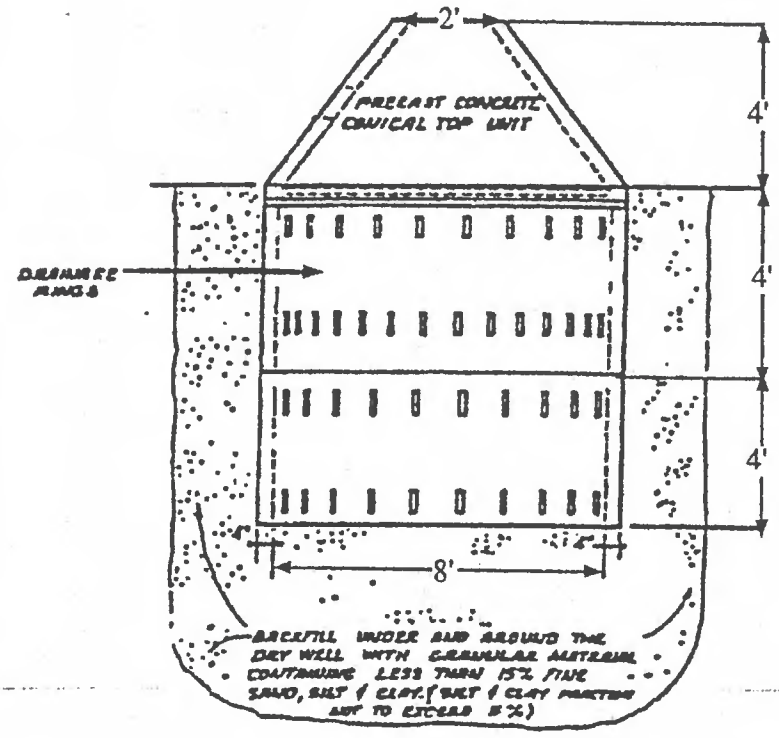


Figure 3

Groundwater flow is towards the south and a sensitive receptor the East Meadow Brook is located downgradient approximately one (1) mile from the subject site.

FIELD INVESTIGATION

Avis World Headquarters will hire a private contractor to clear all of the drains with a rotary snake. After the drain piping has been cleared, TBES will conduct a dye test, using pressure injected water and compressed air to determine and confirm the discharge points. Any and all overflow piping will be traced to the termious. The sewer system, storm sewers, and catchbasins will be inspected. If the discharge point is a drywell(s) then the floor drain system will be closed as follows:

It does not appear that the dry well receives fluid from other sources (i.e. storm drains, sanitary). After access to the drywell has been achieved, the existence or nonexistence of additional fluid sources will be determined through visual inspection. If additional piping (0ther than the piping from the floor drains) is connected to the well, the origin of the piping will be determined by blowing air, snaking the piping, or dye testing. If the origin of the piping cannot be determined using the above-mentioned techniques, the piping will be excavated until an origin or terminus is found. The discharge point of the floor drain system will be located and verified in the presence of a representative from either the Nassau County Department of Health (NCDH) or US EPA.

CLOSURE PLAN

Proposed activities for clean up and closure of the bay drains, dry well and all associated piping are as follows:

1. Notify property owner/agent, U.S. EPA and Nassau County Department of Health Services (NCDH) five (5) business days in advance in order to coordinate observation of field activities.

2. Arrange to have all materials (drums, visqueen, clean fill, concrete, etc.) at site prior to the clean up procedure.

3. Access the floor drains and excavate and expose the opening to the dry well, if needed. If a drywell is located, then an alternative disposal method for blow-off and flood waters, or a class VX28 injection well permit investigation will be implemented. the following measures will be taken for each drain:

    a. The fuel oil heating condensate drain will be rerouted into the condensate return piping in the pump room. This will recycle the condensate waters.

    b. The drains that serve the boilers will be directed into the Nassau County Sewer System. Permission will be sought by the Nassau County Department of Public Works (NCDPW) to discharge blow-off waters into the Nassau County Sewer System. If permission is not granted, then Avis will use the present concrete containment vault after removing all overflow pipes. If permission is not granted by regulatory agencies to reuse this vault, then the vault will abandoned after cleanout activities and an alternative blow-off water tank will be installed in accordance with Article 11.

    c. The drains in the warehouse and the emergency generator room, and loading dock will be permanently sealed.

d. The remaining drains in the pump room and main mechanical equipment room/chiller room will be rerouted into the Nassau Country Sewer system and permitted accordingly. This method of disposal may require a grid interceptor device, totalizer meter and periodic testing. If permission is not granted by the NCDPW - Industrial Waste Division, then a holding tank meeting NCDOH Article 11 specifications will be installed.

e. The sink will be removed if mandated by the regulatory agencies.

4. The floor drains, and all associated connecting piping and any other interceptor/processing structures will be pressure washed prior to pumping the liquid contents (if present) from the drywell, if needed.

5. Analysis listed for samples collected from drywells or discharge terminus are designed to meet the total requirements of the disposal facilities, US EPA and NCDH.

6. As far as can be determined, the site has never been used in anything other than boiler and chiller maintenance activities (no pesticides or herbicide usage) and the analysis is thus targeted to those related constituents.

7. Samples will be taken from both the liquid and sludge phases of the injection well if they are to be disposed of separately. Otherwise, a sample of the sludge will be taken if the sludge and liquid phases are to be disposed of together.

Samples will be taken in accordance with the procedures described in 40 C.F.R. Part 261 Appendix 1 "Representative Sampling Methods". The sample analyzed will include:

Corrosivity
Ignitability
NCDOH Volatile Organics (see Appendix A)
Reactivity
TCLP - RCRA Metals
TCLP - Volatile Organics
Total Petroleum Hydrocarbons (TPH)
Total RCRA Metals
(The metals will be analyzed using acid digestion method).

8. Laboratory analysis of samples will be performed by a New York State certified laboratory (EPA Cert. #10469) and EPA Quality Assurance Project Plan procedures will be followed for the sampling and analysis.

9. The interior of the discharge drywell will be pressure washed and steam cleaned, with all washed materials and bottom sludge being removed using an industrial waste scavenger and subsequently deposited into DOT approved 55-gallon drums with gasket seals. Care will be taken so as not to undermine the structure.

10. This procedure will continue until the bottom soils appear to be visibly clean or the integrity of the structure is jeopardized. If required, by the USEPA or NCDH inspector, the concrete block or ring assembly will be removed.

11. All drums will be immediately labeled as their contents and temporarily stored on site until the total number of drums is known and arrangements for proper removal can be made.

12. Once the drywell is deemed sufficiently cleaned by either US EPA or NCDH personnel, analysis of the visibly clean water sample, or soil sample if the water table is not reached, will include:

NCDH Volatile Organics (see Appendix A)
Total Petroleum Hydrocarbons (TPH)
Total RCRA Metals
(The metals will be analyzed using acid digestion method)

13. Laboratory analysis of samples will be performed by New York State Certified laboratory and EPA Quality Assurance Project Plan procedures will be followed in the sampling and analysis.

14. The drywell and any collection pits, or interceptor/processing units will then be completely filled with an inert material and the area will be restored to its prior condition.

15. If extensive contamination has been determined to exist after completion of the drywell closure, a plan containing any additional remediation needed to restore the site to ambient soil conditions will be submitted upon request by NCDH or EPA.

16. A copy of this closure plan and all sample results will be forwarded to:

Frank C. Brock, Chief
Underground Injection Control Section
U.S. Environmental Protection Agency
26 Federal Plaza, Room 845
New York, New York 10278

Nassau County Department of Health
240 Old Country Road
Mineola, New York 11501

17. A closure summary report will be prepared by TBES Hydrogeologist following completion of field activities and a copy will be forwarded to the above mentioned officials. This report will include a summary of field activities description of the soil conditions, locations of and depth of sampling points, copies of disposal and endpoint laboratory analysis, copies of hazardous and non-hazardous waste manifests for transportation, and copies of disposal documentation.

SUMMARY

- There appear to be twenty (20) floor drains in operation at this location.
- There is believed to be at least one injection well associated with the floor drains with one system discharging into a sump and one system discharging into the sewer system.
- Estimated cost of cleanout and closure is $12,000 - $20,000.
- Injection well status: To the best of our knowledge, we believe the drywell to have been in place for at least forty-one years.
- A diagram of the site, associated piping and drywell structure is enclosed. At least one floor drain was found to be discharging into a concrete containment vault which contained three discharge pipes.
- Volume of Fluids: Unknown.
- Nature of Business: Heating and cooling system maintenance.
- Source of Fluids: Fuel oil fired boilers, condensate and chiller units.
- Description of Fluids: Water, sediment and wash soap.
- Length of time discharging believed to be approximately forty-one (41) years.
- Other Permits: None.

NCDOH BAY DRAIN AND DRY WELL CLOSURE PROCEDURES

Appendix A - Sample analysis for Volatile Organics must include the following parameters:

ACETONE
BENZENE
TOLUENE
CHLOROBENZENE
ETHYLBENZENE
o-XYLENE

m,p-XYLENE
STYRENE
n-PROPYLBENZENE
ISOPROPYLBENZENE
BROMOBENZENE

1,2,4-TRIMETHYLBENZENE
1,3,5-TRIMETHYLBENZENE
2-CHLOROTOLUENE
4-CHLOROTOLUENE
n-BUTYLBENZENE

sec-BUTYLBENZENE
tert-BUTYLBENZENE
p-ISOPROPYLTOLUENE
o-DICHLOROBENZENE
m-DICHLOROBENZENE

p-DICHLOROBENZENE,
1,2,3-TRICHLOROBENZENE
1,2,4-TRICHLOROBENZENE
HEXACHLOROBUTADIENE
NAPHTHALENE

VINYL CHLORIDE
TRICHLOROFLUOROMETHANE
1,1-DICHLOROETHYLENE
METHYLENE CHLORIDE
t-1,2-DICHLOROETHYLENE

1,1-DICHLOROETHANE
2,2-DICHLOROPROPANE
c-1,2-DICHLOROETHYLENE
CHLOROFORM
BROMOCHLOROMETHANE

1,1,1-TRICHLOROETHANE
1,1-DICHLOROPROPENE
CARBON TETRACHLORIDE
1,2-DICHLOROETHANE
TRICHLOROETHYLENE

1,2-DICHLOROPROPANE
BROMODICHLOROMETHANE
DIBROMOMETHANE
c-1,3-DICHLOROPROPENE
t-1,3-DICHLOROPROPENE

1,1,2-TRICHLOROETHANE
1,3-DICHLOROPROPANE
TETRACHLOROETHYLENE
DIBROMOCHLOROMETHANE
1,2-DIBROMOETHANE

1,1,1,2-TETRACHLOROETHANE
BROMOFORM
1,1,2,2-TETRACHLOROETHANE
1,2,3-TRICHLOROPROPANE
1,2-DIBROMO-3-CHLOROPROPANE

Larry E. Tyree Co., Inc.
Tyree Brothers Environmental Services, Inc.
Environmental Testing Laboratories
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-3281
24 Hour Phone: 516-249-3150

Tyree Organization, Ltd., Danbury
33 Mill Plain Road, Danbury, CT 06811 · Fax: 203-797-0464
24 Hour Phone: 203-792-8822

Tyree Organization, Ltd., New England
768 Washington Street, Auburn, MA 01501 · Fax: 508-832-6490
24 Hour Phone: 508-832-8092

Tyree Organization, Ltd., Delaware Valley Branch
1350 S. U.S. Highway 130, Burlington, NJ 08016 · Fax: 609-239-0030
24 Hour Phone: 609-239-0033

Tyree Organization, Ltd., Syracuse
109 Pickard Drive, Syracuse, NY 13211 · Fax: 315-454-4728
24 Hour Phone: 315-454-4665

Tyree Organization, Ltd., Mid-Atlantic Division
15 Douglas Ct., Sterling, VA 22170 · Fax: 703-904-8356
24 Hour Phone: 703-904-8300

T2070183

THOMAS S. GULOTTA
COUNTY EXECUTIVE

ABBY J. GREENBERG, M.D.
ACTING COMMISSIONER

COUNTY OF NASSAU
DEPARTMENT OF HEALTH
240 OLD COUNTRY ROAD
MINEOLA, N.Y. 11501-4250

February 22, 1994

Mr. Frank C. Brock, Chief
UIC Section, USEPA Region II
26 Federal Plaza, Room 853
New York, N.Y. 10278

Re: Avis World Headquarters
900 Old Country Road
Garden City, N.Y. 11530

Dear Mr. Brock:

The Nassau County Department of Health has reviewed the closure plan submitted for the above-referenced facility by Tyree Brothers Environmental Services, Inc. (TBES). We are recommending that the plan be approved. There is one minor error in the plan regarding the one (1) floor drain located in the warehouse. The plan states that the floor drain may discharge into the pump room to the west. Mike Mulqueen of TBES confirmed that the floor drain may discharge into the pump room located to the east rather than the west. If you have any questions regarding the closure plan, please give me a call at (516) 571-3323.

Very truly yours,

Robert Girillo

Robert Girillo
Public Health Sanitarian
Bureau Water Supply Protection

BG:bs

cc: Mike Mulqueen
Tyree Brothers Environmental Services

#2418J(6)

FEB 22 1994

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
Article Number: P-213-624-744

Rose Pelino, P.E.
Manager Environmental Affairs
Avis Rent A Car System, Inc.
World Headquarters
900 Old Country Road
Garden City, New York 11530

Re: Comments on Class V Well Closure Plan
Avis World Headquarters
900 Old Country Road
Garden City, New York 11530

Dear Ms. Pelino:

EPA is in receipt of a Class V well closure plan submitted on your behalf by Tyree Brothers Environmental Services, Inc. for the above-referenced facility. EPA has reviewed the closure plan and one deficiency.

To ensure that closure of the Class V Well is performed in an environmentally sound manner, the following item need to addressed in the closure plan and submitted to EPA for approval:

- A signed "Site Maintenance Plan" which includes onsite waste storage and disposal; spill clean-up, etc.

Please incorporate the preceding comments into your closure plan and submit it to EPA for approval within thirty days of receipt of this letter. Failure to supply EPA with a revised plan by the above deadline may result in the consideration of all enforcement options available pursuant to Section 1423 of the Safe Drinking Water Act, 42 USC §300h-2, et seq.

Thank you for your cooperation. If you have any questions concerning this matter, please contact me or Edwin Khadaran of my staff at (212) 264-1347.

Sincerely,

Frank C. Brock
Chief
Underground Injection Control Section

FEB 24 1994

Tyree Brothers Environmental Services, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-3281 · Phone: 516-249-3150

March 22 1994

USEPA - UIC Section
26 Federal Plaza, Room 845
New York, New York 10278
Attn: Mr. Edwin Khadaran

Dear Mr. Khadaran:

Enclosed please find a copy of the Site Maintenance Plan for Avis World Headquarters, 900 Old Country Road, Garden City, New York. This maintenance plan is to be included as an addendum to the Underground Injection Control Closure Plan submitted to your office in January, 1994,

I hope this will satisfy your criteria and expedite approval of the closure plan. If you have any questions or comments, please do not hesitate to contact me.

Sincerely,

Michael M. Mulqueen
Hydrogeologist/Project Manager

cc: R. Girillo, NCDH
V. Monaco, Avis

Member
Tyree Environmental Technologies

MAR 2 5 1994

SITE MAINTENANCE PLAN
for
Avis World Headquarters
900 Old Country Road
Garden City, New York 11530

The property at 900 Old Country is utilized as the corporate headquarters for Avis. There are no repairs or automotive maintenance operations performed on the premises. Therefore, this Site Maintenance Plan for the generation of waste fluids will focus on fuel oil and main mechanical equipment operations as follows:

1) Any minor fuel oil spills that occur on site will be contained with sorbent material such as speedi-dry and transferred to an appropriate, DOT approved 55 gallon drum. The contents of this drum will be disposed of by a licensed waste hauler. Any large quantity spills such as tank overfills, tank failures, or major equipment failure will be contained as best as possible until a licensed spill response company can mobilize to the premises. The NYSDEC Emergency Spill Hotline (800) 457-7362 will be contacted in the event of a major spill.

2) Any and all waste oils and waste coolants generated from the maintenance of chillers, ventilation units, water pumps, condenser units and any other mechanical equipment associated with the premises will be transferred to an appropriate DOT approved 55 gallon drum that will be removed by a licensed waste hauler.

3) Any and all solvents used in maintenance activities be properly contained and recycled or disposed of by a licensed waste hauler.

4) Copies of all transportation and disposal manifests for the removal of any petroleum constituents generated on the premises will be kept on file in the office of the director of building services. All drums and containers used for waste fluids will be clearly labeled for proper waste management.

I, Vince Monaco, the Director of Buildings for Avis World Headquarters, verify that I am aware of the alternate waste disposal methods outlined above. The current facility operators have also been made aware of the proper disposal methods and future operators will be informed of the same.

Signed: Vincent J Monaco

Title: Director - Building Svcs

Date: March 2, 1994

APR - 1 1994

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
Article Number: P-213-759-400

Rose Pelino, P.E.
Manager Environmental Affairs
Avis Rent a Car Systems, Inc.
World Headquarters
900 Old Country Road
Garden City, New York 11530

Re: Approval of Closure Plan
Avis World Headquarters
900 Old Country Road
Garden City, New York 11530

Dear Ms. Pelino:

The U.S. Environmental Protection Agency (EPA) is in receipt of the March 22, 1994 letter submitted on your behalf by Tyree Brothers Environmental Services, Inc. transmitting the revised closure plans for the Class V wells located at the above referenced facilities. The closure plans are hereby approved. Note, the Class V well in question must be closed within sixty days (60) of receipt of this letter.

Failure to cease injection and close the well in accordance with the approved closure plan by the above deadline may result in the consideration of all enforcement options available pursuant to Section 1423 of the Safe Drinking Water, 42 United States Code §300h-2, et. seq.

Should you need additional time to complete the closure, you must submit a letter explaining the reason(s) you are unable to comply within the allocated 60 days and how many additional days you need. EPA will consider your extension request and will advise you in writing of its decision to approve or deny the request.

In addition, please be reminded that EPA and Nassau County Department of Health (NCDOH) must be notified at least 10 days prior to the commencement of any sampling or cleaning of the injection well. You may contact Edwin Khadaran of my staff at (212) 264-1347 to notify EPA. To contact NCDOH, please call Robert Girillo at (516) 571-3323. A representative from EPA and/or NCDOH may be present to observe and/or collect samples.

Copies of all sample results must be sent to:

Frank C. Brock, Chief
Underground Injection Control Section
U.S. Environmental Protection Agency
26 Federal Plaza, Room 845
New York, New York 10278

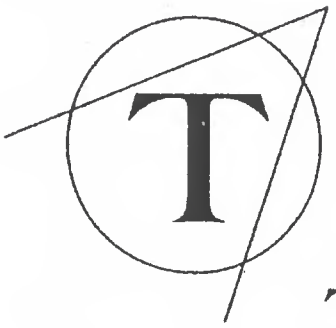
Thank you for your continued cooperation.

Sincerely,

Frank C. Brock
Chief
Underground Injection Control Section

cc: R. Girillo, NCDOH
M. Mulqueen, Tyree Brothers

APR 5 1994



Tyree Environmental Technologies

- Analysis
- Construction
- Remediation

Tyree Environmental Technologies

UNDERGROUND INJECTION CONTROL
REMEDIATION SUMMARY REPORT

AVIS WORLD HEADQUARTERS
900 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK 11530

SEPTEMBER 1994

PREPARED FOR:

AVIS WORLD HEADQUARTERS
900 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK 11530

PREPARED BY:

MICHAEL M. MULQUEEN

REVIEWED BY:

RICHARD M. CAPUTO

TYREE BROTHERS ENVIRONMENTAL SERVICES, INC.
208 ROUTE 109
FARMINGDALE, NEW YORK 11735
(516) 249-3150

NOV 30 1994

INTRODUCTION

Tyree Brothers Environmental Services, Inc. (TBES) was contracted by Avis World Headquarters to perform remediation activities of the underground injection system at the building complex located at 900 Old Country Road, Garden City, New York. The objectives of work activities were to:

1. Locate all system structures and associated piping at the site.

2. Collect liquid and sludge samples from each structure to determine if contamination was present.

3. Remove both liquid and sludge phases from each structure.

4. Arrange for proper disposal of all wastes generated.

5. Abandon all of the structures involved.

FIELD WORK

Investigatory Phase

This facility is currently an active site. As a result of underground injection control (UIC) activities at the site, it was determined that one floor drain in the boiler room was associated with one (1) concrete contaminant structure with a concrete bottom which was located northeast of the boiler room, east of the main mechanical equipment room. The remainder of the floor drains in the boiler room, pump room, and main mechanical equipment room discharged into a culvert pipe that ran south along the site and discharged into the Nassau County Sump. the remaining drains in the main mechanical equipment room were found to be discharging into the Nassau County Sewer System.

Field Activities

A liquid and sludge sample were collected from concrete containment tank on October 21, 1993. These samples were obtained for and analyzed for disposal parameters. The containment tank was thought to have been the discharge point for the boiler drains. The laboratory analysis indicated that the tank sludges contained elevated metals, volatile organics and poly chlorinated biphenyls.

The containment tank cleanout commenced on November 23, 1993. A vacuum pump truck removed and disposed of 4,606 gallons of contaminated water. An industrial waste scavenger was employed to remove the sludge materials and deposit it into fifty-nine (59) DOT 55-gallon drums. Copies of the removal manifest appear in the Appendix.

Avis, initiating proactive measures, notified the Nassau County Department of Health (NCDH) of the potential underground injection control program. Nassau County Health Sanitarian, Don Irwin, arrived on site to provide regulatory oversight. A dye test was performed on the two (2) boiler drains, two (2) of the pump room drains and several main mechanical equipment room drains. None of these drains were noted to be discharging into the concrete containment tank. Mr. Irwin requested that a UIC closure plan be submitted and approved prior to any further investigation.

TBES prepared and submitted a closure plan in January 1994. A site maintenance addendum was submitted in February 1994 and the plan was approved by the EPA and NCDH.

Arrangements were made in May of 1993 to determine the terminous of the floor drain systems.

A crew excavated in the parking lot on the east side of the building and located the discharge pipe for the boiler room and pump room drains. This pipe discharged into a three (3) foot diameter storm sewer culvert pipe that flowed southerly to a Nassau County sump, approximately one mile away. No evidence of staining was noted in the pipe leading to the culvert or in the culvert itself. Mr. Irwin stated that no further action is required and that the pipe should be broken and sealed. The pipe was subsequently severed and permanently sealed.

The terminous to the floor drains in the main mechanical equipment room was found to be the Nassau County Sanitary Sewerage System. No sampling or further investigation was required by the Nassau County Department of Health.

Closure of the floor drain systems consisted of permanently sealing all floor drains that discharged into the culvert pipe, and concrete containment tank. The boiler flow down waters and condensate waters will now be recycled into the cooling tank units. An industrial waste discharge permit has been granted by the Nassau County Department of Public Works.

The concrete containment vault has been permanently sealed using tank sand and concrete. The discharge pipe leading to the culvert has been properly abandoned.

Conclusion and Recommendations

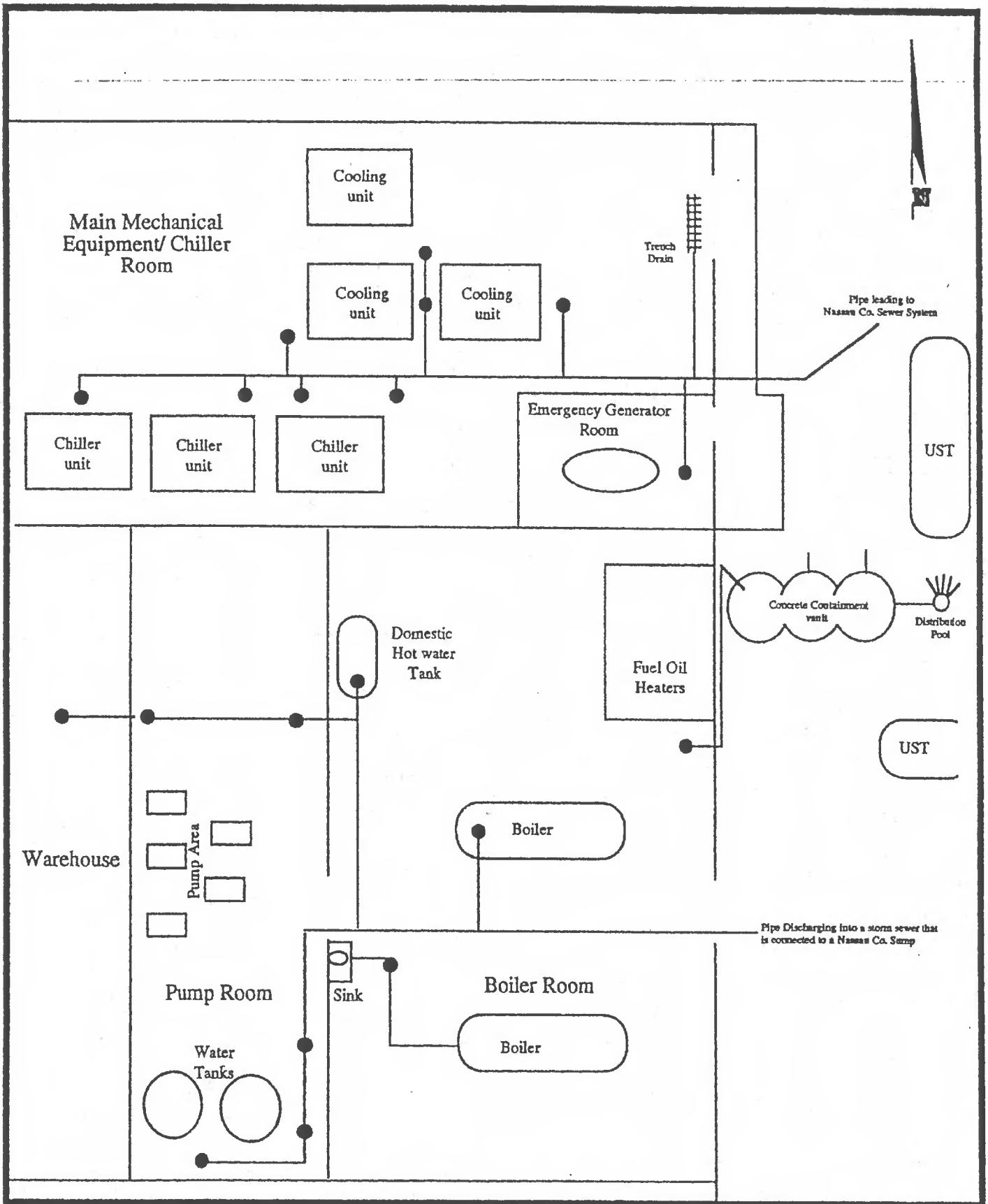
1. Avis World Headquarters contacted the Nassau County Department of Health and entered into a UIC compliance program for a series of three (3) separate floor drain systems.

2. Two of the systems were properly abandoned. One system that was found to be discharging into the Nassau County Sewer System, has been permitted by the NCDH Industrial Waste Division.

3. No endpoint sampling was required for the closure of the other two (2) floor drain systems. One system discharged into a concrete containment tank equipped with a concrete bottom. Fifty-nine (59) drums of waste were removed and disposed of properly. The other floor drain system discharged into a culvert pipe that discharged into a Nassau County Sump. No staining or odors were noted and no further sampling was required by the NCDH.

4. Avis World Headquarters, 900 Old Country Road, Garden City, New York has satisfied the U.S. EPA and NCDH for UIC closure activities. The U.S. EPA and NCDH should review the findings of this investigation and closure of this site should be obtained.

APPENDIX



TYREE BROTHERS ENVIRONMENTAL SERVICES, INC.
208 Route 109
Farmingdale, NY 11735

Figure 1: Site Map
AVIS WORLD HEADQUARTERS
South Building
Garden City, New York

Drawn By: M. Mulqueen
Date: 12-21-93
Scale: No Scale
● Floor Drain

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - RCRA Metals

11/02/93

Project
Avis J/N 937091
900 Old Country Rd
Garden City, NY
Handler: Ellen Penna

Custody Document C3630
Received: 10/19/93 3:57 PM
Sampled by: Bernie Ludwig

Sample 1
Custody: C3630
Collected: 10/15/93
Location: Catch Basin
Remarks:

Type: Composite
Matrix: Liquid

Analysis Information
Analyzed: 10/21/93
Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Arsenic (As)	<.003	ppm	1	0.003	ppm
Barium (Ba)	<.054	ppm	1	0.054	ppm
Cadmium (Cd)	<.011	ppm	1	0.011	ppm
Chromium (Cr)	.006	ppm	1	0.004	ppm
Lead (Pb)	.11	ppm	1	0.023	ppm
Mercury (Hg)	<.001	ppm	1	0.001	ppm
Selenium (Se)	<.005	ppm	1	0.005	ppm
Silver (Ag)	<.004	ppm	1	0.004	ppm

Sample 2
Custody: C3630
Collected: 10/15/93
Location: Catch Basin
Remarks:

Type: Grab
Matrix: Sludge

Analysis Information
Analyzed: 10/21/93
Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Arsenic (As)	3.0	ppm	239	0.7	ppm
Barium (Ba)	195	ppm	260	14	ppm
Cadmium (Cd)	8.6	ppm	260	2.9	ppm
Chromium (Cr)	79.7	ppm	260	1	ppm
Lead (Pb)	392	ppm	260	6	ppm
Mercury (Hg)	.79	ppm	562	0.6	ppm
Selenium (Se)	<1.2	ppm	239	1.2	ppm
Silver (Ag)	8.6	ppm	260	1	ppm

Reviewed by: Peggy Corrigan

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results of soil samples are based on dry weight basis.

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - Flash Point; Ignitability

11/02/93

Project
Avis J/N 937091
900 Old Country Rd
Garden City, NY
Handler: Ellen Penna

Custody Document C3630
Received: 10/19/93 3:57 PM
Sampled by: Bernie Ludwig

Sample 1
Custody: C3630
Collected: 10/15/93
Location: Catch Basin
Remarks:

Type: Composite
Matrix: Liquid

Analysis Information
Analyzed: 11/01/93
Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Flash Point	>100	deg C	1	1	deg C
Flash Point	>212	deg F	1	1	deg F

Sample 2
Custody: C3630
Collected: 10/15/93
Location: Catch Basin
Remarks:

Type: Grab
Matrix: Sludge

Analysis Information
Analyzed: 11/01/93
Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Flash Point	>100	deg C	1	1	deg C
Flash Point	>212	deg F	1	1	deg F

Reviewed by: Peggy Corrigan 04

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results of soil samples are based on dry weight basis.

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - Polychlorinated Biphenyls

11/02/93

Project
Avis J/N 937091
900 Old Country Rd
Garden City, NY
Handler: Ellen Penna

Custody Document C3630
Received: 10/19/93 3:57 PM
Sampled by: Bernie Ludwig

Sample 1
Custody: C3630
Collected: 10/15/93
Location: Catch Basin
Remarks:

Type: Composite
Matrix: Liquid

Analysis Information
Analyzed: 10/22/93
Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
PCB 1016	ND	ppb	1	.77	ppb
PCB 1221	ND	ppb	1	1.39	ppb
PCB 1232	ND	ppb	1	1.04	ppb
PCB 1242	ND	ppb	1	1.26	ppb
PCB 1248	ND	ppb	1	1.22	ppb
PCB 1254	ND	ppb	1	.99	ppb
PCB 1260	1.01	ppb	1	.77	ppb

Sample 2
Custody: C3630
Collected: 10/15/93
Location: Catch Basin
Remarks:

Type: Grab
Matrix: Sludge

Analysis Information
Analyzed: 10/22/93
Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
PCB 1016	ND	ppb	10	7.7	ppb
PCB 1221	ND	ppb	10	13.9	ppb
PCB 1232	ND	ppb	10	10.4	ppb
PCB 1242	ND	ppb	10	12.6	ppb
PCB 1248	ND	ppb	10	12.2	ppb
PCB 1254	ND	ppb	10	9.9	ppb
PCB 1260	662	ppb	10	7.7	ppb

Reviewed by: Peggy Parigian

ppb=ug/L.ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results of soil samples are based on dry weight basis.

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - pH-Liquid @ 20 degrees C

11/02/93

Project
Avis J/N 937091
900 Old Country Rd
Garden City, NY
Handler: Ellen Penna

Custody Document C3630
Received: 10/19/93 3:57 PM
Sampled by: Bernie Ludwig

Sample 1
Custody: C3630
Collected: 10/15/93
Location: Catch Basin
Remarks:

Type: Composite
Matrix: Liquid

Analysis Information
Analyzed: 10/29/93
Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
pH-"over-aged"	7.19		1	±.02	
Temp	20.1	C	1	±.6	C

Sample 2
Custody: C3630
Collected: 10/15/93
Location: Catch Basin
Remarks:

Type: Grab
Matrix: Sludge

Analysis Information
Analyzed: 10/29/93
Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
pH-"over-aged"	7.37		1	±.02	
Temp	21.3	C	1	±.6	C

Reviewed by: Peggy Corigan 11/1

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results of soil samples are based on dry weight basis.

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - Specific Gravity

11/02/93

Project
Avis J/N 937091
900 Old Country Rd
Garden City, NY
Handler: Ellen Penna

Custody Document C3630
Received: 10/19/93 3:57 PM
Sampled by: Bernie Ludwig

Sample 1
Custody: C3630
Collected: 10/15/93
Location: Catch Basin
Remarks:

Type: Composite
Matrix: Liquid

Analysis Information
Analyzed: 11/01/93
Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Specific Gravity	0.999		1		

Sample 2
Custody: C3630
Collected: 10/15/93
Location: Catch Basin
Remarks:

Type: Grab
Matrix: Sludge

Analysis Information
Analyzed: 11/01/93
Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Specific Gravity	1.233		1		

Reviewed by: Peggy Parisi

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results of soil samples are based on dry weight basis.

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - EPA 601 - SW 846-8010

11/02/93

Project
Avis J/N 937091
900 Old Country Rd
Garden City, NY
Handler: Ellen Penna

Custody Document C3630
Received: 10/19/93 3:57 PM
Sampled by: Bernie Ludwig

Sample 1
Custody: C3630
Collected: 10/15/93
Location: Catch Basin
Remarks:

Type: Composite
Matrix: Liquid

Analysis Information
Analyzed: 10/30/93
Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
1,3 Dichlorobenzene	<10	ppb	10	10	ppb
1,4 Dichlorobenzene	15.7	ppb	10	9	ppb
1,2 Dichlorobenzene	73.2	ppb	10	7.6	ppb
Dichlorodifluoromethane	ND	ppb	10	19	ppb
Chloromethane	ND	ppb	10	40	ppb
Vinyl Chloride	ND	ppb	10	26	ppb
Bromomethane	ND	ppb	10	23	ppb
Chloroethane	ND	ppb	10	19	ppb
Trichlorofluoromethane	ND	ppb	10	21	ppb
1,1 Dichloroethene	ND	ppb	10	21	ppb
Methylene Chloride	ND	ppb	10	20	ppb
t-1,2 Dichloroethene	ND	ppb	10	24	ppb
1,1 Dichloroethane	ND	ppb	10	19	ppb
Chloroform	ND	ppb	10	11	ppb
1,1,1 Trichloroethane	ND	ppb	10	12	ppb
Carbon Tetrachloride	ND	ppb	10	20	ppb
1,2 Dichloroethane	ND	ppb	10	12	ppb
Trichloroethene	ND	ppb	10	8.1	ppb
1,2 Dichloropropane	ND	ppb	10	23	ppb
Bromodichloromethane	ND	ppb	10	12	ppb
2 Chloroethylvinylether	ND	ppb	10	12	ppb
cis 1,3 Dichloropropene	ND	ppb	10	39	ppb
t-1,3 Dichloropropene	ND	ppb	10	46	ppb
1,1,2 Trichloroethane	ND	ppb	10	38	ppb
Tetrachloroethene	ND	ppb	10	39	ppb
Dibromochloromethane	ND	ppb	10	46	ppb
Bromoform	ND	ppb	10	4.8	ppb

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results of soil samples are based on dry weight basis.

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - EPA 601 - SW 846-8010

11/02/93

Project
Avis J/N 937091
900 Old Country Rd
Garden City, NY
Handler: Ellen Penna

Custody Document C3630
Received: 10/19/93 3:57 PM
Sampled by: Bernie Ludwig

Sample 1 (continued)
Custody: C3630
Collected: 10/15/93
Location: Catch Basin
Remarks:

Type: Composite
Matrix: Liquid

Analysis Information
Analyzed: 10/30/93
Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
1,1,2,2,Tetrachloroethane	ND	ppb	10	13	ppb
Chlorobenzene	ND	ppb	10	21	ppb

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results of soil samples are based on dry weight basis.

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - EPA 601 - SW 846-8010

11/02/93

Project
Avis J/N 937091
900 Old Country Rd
Garden City, NY
Handler: Ellen Penna

Custody Document C3630
Received: 10/19/93 3:57 PM
Sampled by: Bernie Ludwig

Sample 2
Custody: C3630
Collected: 10/15/93
Location: Catch Basin
Remarks:

Type: Grab
Matrix: Sludge

Analysis Information
Analyzed: 10/30/93
Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
1,3 Dichlorobenzene	ND	ppb	1,090	1090	ppb
1,4 Dichlorobenzene	2100	ppb	1,090	981	ppb
1,2 Dichlorobenzene	5950	ppb	1,090	828	ppb
Dichlorodifluoromethane	ND	ppb	1,090	2071	ppb
Chloromethane	ND	ppb	1,090	4360	ppb
Vinyl Chloride	ND	ppb	1,090	2834	ppb
Bromomethane	ND	ppb	1,090	2507	ppb
Chloroethane	ND	ppb	1,090	2071	ppb
Trichlorofluoromethane	ND	ppb	1,090	2289	ppb
1,1 Dichloroethene	ND	ppb	1,090	2289	ppb
Methylene Chloride	ND	ppb	1,090	2180	ppb
t-1,2 Dichloroethene	ND	ppb	1,090	2616	ppb
1,1 Dichloroethane	ND	ppb	1,090	2071	ppb
Chloroform	ND	ppb	1,090	1199	ppb
1,1,1 Trichloroethane	ND	ppb	1,090	1308	ppb
Carbon Tetrachloride	ND	ppb	1,090	2180	ppb
1,2 Dichloroethane	ND	ppb	1,090	1308	ppb
Trichloroethene	ND	ppb	1,090	883	ppb
1,2 Dichloropropane	ND	ppb	1,090	2507	ppb
Bromodichloromethane	ND	ppb	1,090	1308	ppb
2 Chloroethylvinylether	ND	ppb	1,090	1308	ppb
cis 1,3 Dichloropropene	ND	ppb	1,090	4251	ppb
t-1,3 Dichloropropene	ND	ppb	1,090	5014	ppb
1,1,2 Trichloroethane	ND	ppb	1,090	4142	ppb
Tetrachloroethene	ND	ppb	1,090	4251	ppb
Dibromochloromethane	ND	ppb	1,090	5014	ppb
Bromoform	ND	ppb	1,090	523	ppb

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results of soil samples are based on dry weight basis.

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - EPA 601 - SW 846-8010

11/02/93

Project
Avis J/N 937091
900 Old Country Rd
Garden City, NY
Handler: Ellen Penna

Custody Document C3630
Received: 10/19/93 3:57 PM
Sampled by: Bernie Ludwig

Sample 2 (continued)
Custody: C3630
Collected: 10/15/93
Location: Catch Basin
Remarks:

Type: Grab
Matrix: Sludge

Analysis Information
Analyzed: 10/30/93
Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
1,1,2,2,Tetrachloroethane	ND	ppb	1,090	1417	ppb
Chlorobenzene	ND	ppb	1,090	2289	ppb

Reviewed by: [signature]

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results of soil samples are based on dry weight basis.

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - EPA602 • SW-846 8020

11/02/93

Project
Avis J/N 937091
900 Old Country Rd
Garden City, NY
Handler: Ellen Penna

Custody Document C3630
Received: 10/19/93 3:57 PM
Sampled by: Bernie Ludwig

Sample 1
Custody: C3630
Collected: 10/15/93
Location: Catch Basin
Remarks:

Type: Composite
Matrix: Liquid

Analysis Information
Analyzed: 10/30/93
Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Benzene	ND	ppb	10	7.2	ppb
Toluene	ND	ppb	10	9.2	ppb
Chlorobenzene	ND	ppb	10	3.1	ppb
Ethylbenzene	ND	ppb	10	11	ppb
m,p-Xylene	ND	ppb	10	20	ppb
o-Xylene	34.7	ppb	10	6.8	ppb
1,3-Dichlorobenzene	<10	ppb	10	10	ppb
1,4-Dichlorobenzene	15.7	ppb	10	9	ppb
1,2-Dichlorobenzene	73.2	ppb	10	7.6	ppb

Sample 2
Custody: C3630
Collected: 10/15/93
Location: Catch Basin
Remarks:

Type: Grab
Matrix: Sludge

Analysis Information
Analyzed: 10/30/93
Remarks:

Analyte	Concentration	Units	Dilution	MDL	Units
Benzene	ND	ppb	1,090	785	ppb
Toluene	ND	ppb	1,090	1003	ppb
Chlorobenzene	87400	ppb	1,090	338	ppb
Ethylbenzene	3360	ppb	1,090	1199	ppb
m,p-Xylene	ND	ppb	1,090	2180	ppb
o-Xylene	ND	ppb	1,090	741	ppb
1,3-Dichlorobenzene	ND	ppb	1,090	1090	ppb
1,4-Dichlorobenzene	2100	ppb	1,090	981	ppb
1,2-Dichlorobenzene	5950	ppb	1,090	828	ppb

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results of soil samples are based on dry weight basis.

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - EPA602 • SW-846 8020

11/02/93

Project
Avis J/N 937091
900 Old Country Rd
Garden City, NY
Handler: Ellen Penna

Custody Document C3630
Received: 10/19/93 3:57 PM
Sampled by: Bernie Ludwig

Reviewed by: Peggy Lorigo

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined; NR=Not Reported;SM=Sample;E=Quantitated above calibration; Results of soil samples are based on dry weight basis.

DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039 Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD001954387 — Manifest Document No.: 67674
2. Page 1 of 1

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address: Avis Rent A Car, 900 Old Country Rd., Garden City, NY 11530
4. Generator's Phone (516) 222-4260

A. State Manifest Document No. NY B 428767 4

B. Generator's ID: Same

5. Transporter 1 (Company Name): Chemical Pollution Control Inc.
6. US EPA ID Number: NYD082785429

C. State Transporter's ID: PP9738

D. Transporter's Phone: 516 586-0333

7. Transporter 2 (Company Name):
8. US EPA ID Number:

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address: Chemical Pollution Control Inc., 120 South Fourth Street, Bay Shore, NY 11706
10. US EPA ID Number: NYD082785429

G. State Facility's ID: Same

H. Facility's Phone: (516) 586-0333

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ HAZARDOUS WASTE [illegible] (D008) 9 NA 3077 [illegible]	020	DM	01100	G	EPA D008 / STATE
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above: a. CATCH BASIN [illegible] PETROLEUM HYDROCARBONS + METALS 123

K. Handling Codes for Wastes Listed Above: a. T

15. Special Handling Instructions and Additional Information: A) 2887-A D007, D010 Emergency Response #516-586-0333 (RE #A) 31

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: X Gloria Quick (Agent for Company) — Signature: X Gloria Quick — Mo. Day Year 04 11 94

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: Jimmy Morales — Signature: [signature] — Mo. Day Year 04 11 94

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: — Signature: — Mo. Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Dan Carr — Signature: Dan Carr — Mo. Day Year 04 11 94

NY B 428767 4

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 5 — Generator-mailed by TSD facility

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved OMB No 2050-0039 Expires 9-30-96

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA No. NYD001954387	Manifest Document No.	2. Page 1 of 1 — Information in the shaded areas is not required by Federal Law.
3. Generator's Name and Mailing Address: Avis Rent-A-Car, 900 Old Country Road, Garden City, NY 11530			A. State Manifest Document No. NY B 426749 4
4. Generator's Phone (516) 222-4260			B. Generator's ID: Same
5. Transporter 1 (Company Name): Chemical Pollution Control Inc.	6. US EPA ID Number: NYD082785429		C. State Transporter's ID: PD 1938
			D. Transporter's Phone (516) 586-0333
7. Transporter 2 (Company Name)	8. US EPA ID Number		E. State Transporter's ID
			F. Transporter's Phone ( )
9. Designated Facility Name and Site Address: Chemical Pollution Control Inc., 120 South Fourth Street, Bay Shore, NY 11706	10. US EPA ID Number: NYD082785429		G. State Facility's ID: Same
			H. Facility's Phone (516) 586-0333

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ HAZARDOUS WASTE LIQUID N.O.S. (D008) 9 NA 3082 III	020	DM	01100	G	EPA D008 / STATE
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials Listed Above
a. CATCH BASIN SLUDGE W/PETROLEUM HYDROCARBONS + METALS 1, 2, 3
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. T
b.
c.
d.

15. Special Handling Instructions and Additional Information: A) 2887-A D007, D010 Emergency Response (516)-586-0333 ERG # A) 31

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Mo. Day Year
X [illegible]	[signature]	04 08 94

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo. Day Year
Timmy Morales	[signature]	04 08 94

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo. Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Mo. Day Year
Dan Case	[signature]	04 08 94

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362

NY B 426749 4

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 5 — Generator-mailed by TSD facility

END

DIVISION OF HAZARDOUS SUBSTANCES...

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA No. NYD001954387 Manifest Document No. 67656	2. Page 1 of 1	Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
Avis Rent A Car
900 Old Country Rd., Garden City, NY 11530
4. Generator's Phone (516) 222-4260

A. State Manifest Document No. NYB 428765 6
B. Generator's ID Same

5. Transporter 1 (Company Name) Chemical Pollution Control Inc. — 6. US EPA ID Number NYD082785429
C. State Transporter's ID PD9738
D. Transporter's Phone (516) 586-0333

7. Transporter 2 (Company Name) — 8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
Chemical Pollution Control Inc.
120 South Fourth Street
Bay Shore, NY 11706
10. US EPA ID Number NYD082785429
G. State Facility's ID Same
H. Facility's Phone (516) 586-0333

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ HAZARDOUS WASTE LIQUID NOS (D002) UN3082 6 III	001	DM	01045	G	EPA D002 STATE
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. CAR WASH SLUDGE w/ OIL (HYDROXIDE) ... 21213
c.
b.
d.

K. Handling Codes for Wastes Listed Above
a. T
c.
b.
d.

15. Special Handling Instructions and Additional Information — Emergency Response (516-586-0333
A) 2667 H D007, D010 — ... A) 31

16. ... are fully and accurately described above by proper shipping name and are ... and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: GLORIA QUICK (AS PER F. ARDIS) — Signature: Gloria Quick (AS PER F. ARDIS) — Mo. Day Year 04 14 94

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: Timmy McRniss — Signature: [signature] — Mo. Day Year 04 14 94

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

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DAN CAW — Signature: Dan Caw — Mo. Day Year 04 14 94

GENERATOR / TRANSPORTER / FACILITY

NY B 428765 6

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 5—Generator-mailed by TSD facility

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. EXEMPT
Manifest Document No. 0002
2. Page 1 of 1

3. Generator's Name and Mailing Address
AVIS WORLD H.Q.
900 OLD COUNTRY ROAD
GARDEN CITY

4. Generator's Phone ( )

5. Transporter 1 Company Name
TYREE BROS. ENVIRONMENTAL SERVICE

6. US EPA ID Number
NYD006801245

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
TYREE BROS. ENVIRONMENTAL SERVICE
208 ROUTE 109
FARMINGDALE, NEW YORK 11735

10. US EPA ID Number
NYD006801245

A. Transporter's Phone 516-249-3150
B. Transporter's Phone
C. Facility's Phone 516-249-3150

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. NON HAZARDOUS PETROLEUM CONTAMINATED WASTE/ WATER FLAMMABLE LIQUID UN 1203	001	TT	4/33.	G
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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

Printed/Typed Name: R. Timothy Conry
Signature: R. Timothy Conry
Month 11 Day 22 Year 93

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Roy Goetz
Signature: Roy Goetz
Month 11 Day 24 Year 93

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name
Signature
Month 11 Day 24 Year 93

GENERATOR — TRANSPORTER — FACILITY

12-BLS-C6 (Rev. 9/92)

TRANSPORTER #2

Larry E. Tyree Co., Inc.
Tyree Brothers Environmental Services, Inc.
Environmental Testing Laboratories
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-3281
24 Hour Phone: 516-249-3150

Tyree Organization, Ltd., Danbury
33 Mill Plain Road, Danbury, CT 06811 · Fax: 203-797-0464
24 Hour Phone: 203-792-8822

Tyree Organization, Ltd., New England
768 Washington Street, Auburn, MA 01501 · Fax: 508-832-6490
24 Hour Phone: 508-832-8092

Tyree Organization, Ltd., Delaware Valley Branch
1350 S. U.S. Highway 130, Burlington, NJ 08016 · Fax: 609-239-0030
24 Hour Phone: 609-239-0033

Tyree Organization, Ltd., Syracuse
109 Pickard Drive, Syracuse, NY 13211 · Fax: 315-454-4728
24 Hour Phone: 315-454-4665

Tyree Organization, Ltd., Mid-Atlantic Division
15 Douglas Ct., Sterling, VA 22170 · Fax: 703-904-8356
24 Hour Phone: 703-904-8300

TE0183

ENVIRONMENTAL HEALTH
Continuation Sheet
Nassau County Health Department

Owner or Agent : Avis Office Building

Address: 900 Old Country Rd, Garden City

Inspector: DI

DATE	COMMENTS
11/22/93	DI on site with Mike Mulqueen of Tyree, and Vince Monaco of Avis. Facility is Avis' world Headquarters and a large office building. The boiler and mechanical rooms contain several floor drains and one slop sink. Dye tests from two of the floor drains to the drainage system were unsuccessful but may have been inhibited by clogged plumbing lines. The drainage system appears to ~~be~~ consist of a large self-contained concrete tank with three chambers, a distribution box and some type of leaching field. Advised Mr. Monaco that EPA would be notified and that the ultimate discharge pt(s) would have to be identified and checked for contamination.
5/13/94	DI on site with Mike Mulqueen of Tyree and Vince Monaco of Avis. Dye test from floor drains confirmed discharge to storm water system along east property line. Discharge pipe was broken and sealed with concrete.
5/23/94	DI on site with Tim Conroy of Avis. All floor drains in mechanical rooms have been sealed with concrete.

EH 109a 1/68
DH-1198, 9/71

Tyree Brothers Environmental Services, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-3281 · Phone: 516-249-3150

November 28, 1994

Nassau County Dept. of Health
240 Old Country Road
Mineola, New York 11501

Attn: Bruce F. Mackay

Re: Avis World Headquarters
900 Old Country Road
Garden City, New York 11530

Dear Mr. Mackay:

It has recently come to my attention that your office has not yet received a copy of the underground injection control summary report. Enclosed please find an additional copy of the Underground Injection Control Remediation Summary Report for the above-referenced site. This report is being submitted for files. A copy has also been forwarded to the US EPA for their files.

Sincerely,

Richard Caputo

RMC/ek
encl.

Member
Tyree
Environmental
Technologies

NOV 29 1994

B6-MP

NOV 10 1994

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
Article Number: Z-119-650-850

Rose Pelino, P.E.
Manager of Environmental Affairs
Avis Rent-A-Car Systems, Inc.
World Headquarters
900 Old Country Road
Garden City, New York 11530

Re: File Closure - UIC Class V Well
Avis World Headquarters
900 Old Country Road
Garden City, New York 11530

Dear Mr. Pelino:

This letter is to inform you that all of the necessary documents illustrating satisfactory closure of the Underground Injection Control Program Class V well have been received. Based on my review, the UIC Program will now close its file on the above subject matter.

The Environmental Protection Agency thanks you for your cooperation and wishes you continued success with your facility.

Sincerely,

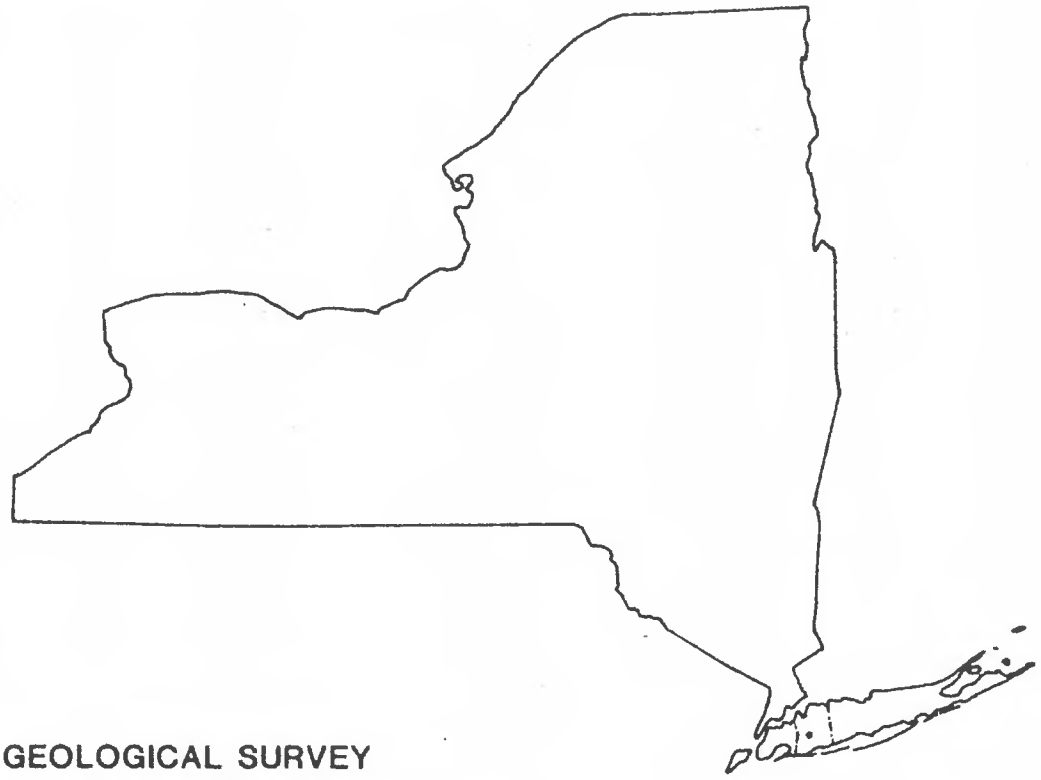
Walter E. Andrews
Chief
Drinking/Ground Water Protection Branch

cc: R. Girillo, Nassau County Department of Health
M. Mulqueen, Tyree Brothers Environmental Services, Inc.

NOV 14 1994

ATTACHMENT 7

Chlorinated Organic Compounds in Ground Water at Roosevelt Field, Nassau County, Long Island, New York



U.S. GEOLOGICAL SURVEY
Water-Resources Investigations
Report 86-4333

Prepared in cooperation with the
NASSAU COUNTY DEPARTMENT
OF PUBLIC WORKS

that provided for the drilling of 18 observation wells and sampling of public-supply wells. James Adamski, Andrew Lichtman, and Robert Porter, NCHD, Division of Laboratories and Research, coordinated the analytical laboratory services. Many private well owners and officials from water-supply departments for the Town of Hempstead, the villages of Garden City, Mineola, and Hempstead, and the water districts of Carle Place and Westbury provided access to their wells and records. B. J. Schneider of the U.S. Geological Survey did the preliminary data collection at Roosevelt Field.

HYDROGEOLOGIC SETTING

The Long Island aquifer system lies within the embayed section of the Atlantic Coastal Plain province. The island is underlain by unconsolidated Pleistocene and Cretaceous deposits of gravel, sand, silt, and clay that overlie gently dipping metamorphic and igneous Precambrian bedrock (fig. 3). The hydrogeology of Nassau County is discussed in detail by McClymonds and Franke (1972), Isbister (1966), Perlmutter and Geraghty (1963), Swarzenski (1963), Kilburn (1979), and Kilburn and Krulikas (1987).

The aquifer system in the study area consists, from oldest to youngest, of the Lloyd aquifer, which is the lower member of the Raritan Formation of Cretaceous age and rests on bedrock; the Upper Cretaceous Magothy aquifer, which is the principal aquifer for water supply in this area; and the Pleistocene upper glacial aquifer, which contains the water table. The

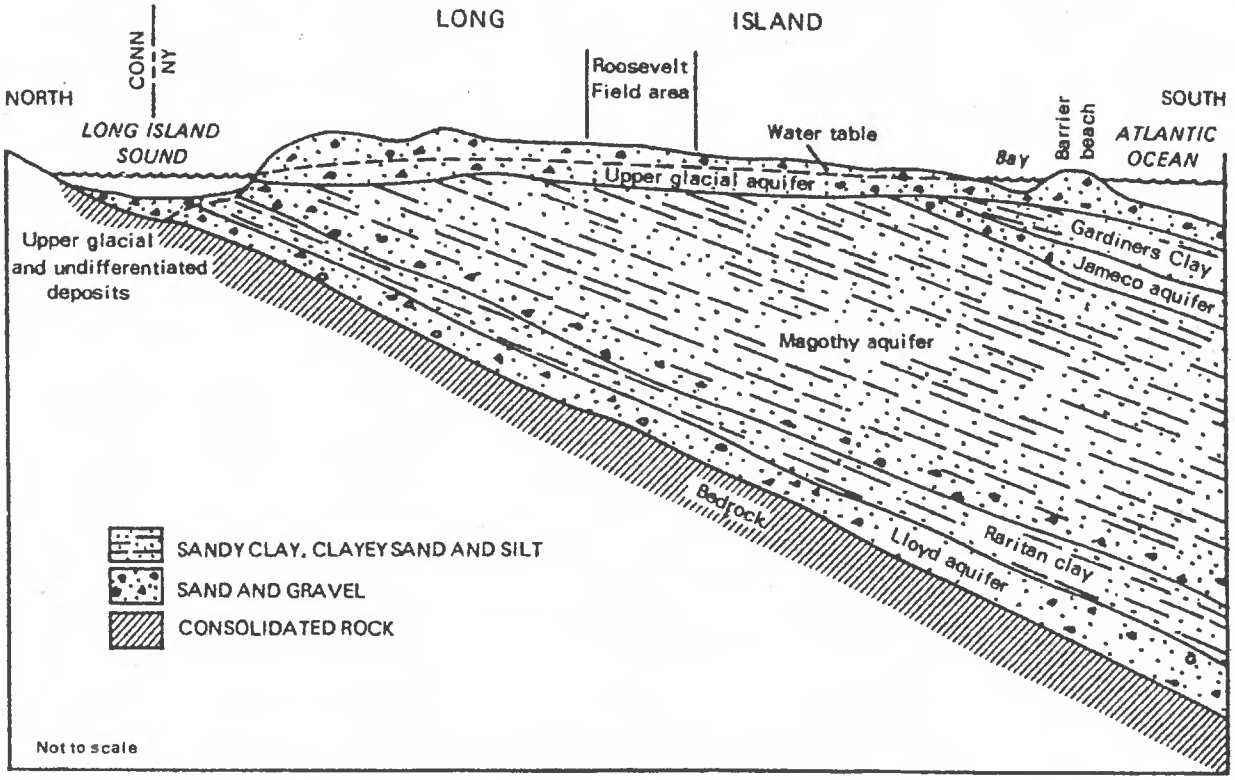


Figure 3.--Idealized north-south geologic section through Nassau County. (Modified from McClymonds and Franke, 1972.)

Raritan confining unit, the upper member of the Raritan Formation, consists mostly of clay and sandy clay and separates the Lloyd aquifer from the Magothy aquifer. South of the Roosevelt Field area, the Gardiners Clay (Pleistocene age) and other confining units separate the Magothy and upper glacial aquifers, but these units do not extend into the study area. Thus, the upper glacial aquifer at Roosevelt Field is in direct hydraulic contact with the Magothy aquifer. The upper zones of the aquifer system in the Roosevelt Field area are depicted in five geologic sections in plate 2; the sections were compiled from deep-well logs. This study concerned only the aquifer system above the Raritan confining unit (fig. 3) because no hydrologic or water-quality data from below the confining unit in this area were available.

Magothy Aquifer

The Magothy aquifer unconformably overlies the Raritan confining unit and consists of alternating sequences and gradations of sand, clayey sand, sandy clay, clay, lignite, and some gravel in the basal section. The deposits are fluvial deltaic and have considerable lateral and vertical heterogeneity. Although the Magothy aquifer is about 500 ft thick in the Roosevelt Field area, most of the public-supply water is taken from sand and gravel zones in the lower 150 ft. Discontinuous layers of gray lignitic clay are common in the upper zones, and the larger ones form local confining layers.

Hydraulic conductivity averages between 50 and 60 ft/d in southern Nassau County but may be as much as 190 ft/d in the basal section of the Magothy aquifer, which contains more gravel than the upper sections (McClymonds and Franke, 1972).

Upper Glacial Aquifer

The upper glacial (water-table) aquifer unconformably overlies the Magothy aquifer and consists of glacial outwash that is predominantly sand and gravel. The outwash deposits in the Roosevelt Field area are fairly uniform in particle-size distribution and lithology. Depth to water ranges from 25 to 50 ft below land surface, and the saturated thickness of the aquifer ranges from 20 to 40 ft. Hydraulic conductivity of the upper glacial aquifer in southern Nassau County averages about 250 ft/d (McClymonds and Franke, 1972).

HYDROLOGIC ENVIRONMENT

Precipitation

Precipitation is the only natural source of freshwater to the ground-water reservoir of Long Island. Annual precipitation in the Roosevelt Field area averages about 42 inches and is fairly well distributed throughout the year (Miller and Frederick, 1969). Nearly half the annual precipitation is returned to the atmosphere by evapotransporation; the remainder infiltrates the earth's surface and percolates downward to the water table as recharge to the ground-water system (Cohen and others, 1968). Direct runoff of

area. Spent cooling water (about 4 Mgal/d) from six wells at Roosevelt Field (N5507, N6045, N8050, N8458, N9310, and N9311, pl. 1) caused overflow into Nassau County basin 124, which eventually infiltrated the basin floor or evaporated.

A slight depression of 1 to 2 ft in the water table is indicated about 1,200 ft north of Pembrook recharge basin (fig. 7A). This is attributed to withdrawal from the Magothy aquifer at wells N9310 and N9311, at the west side of the shopping mall, which are screened 180 to 230 ft below land surface.

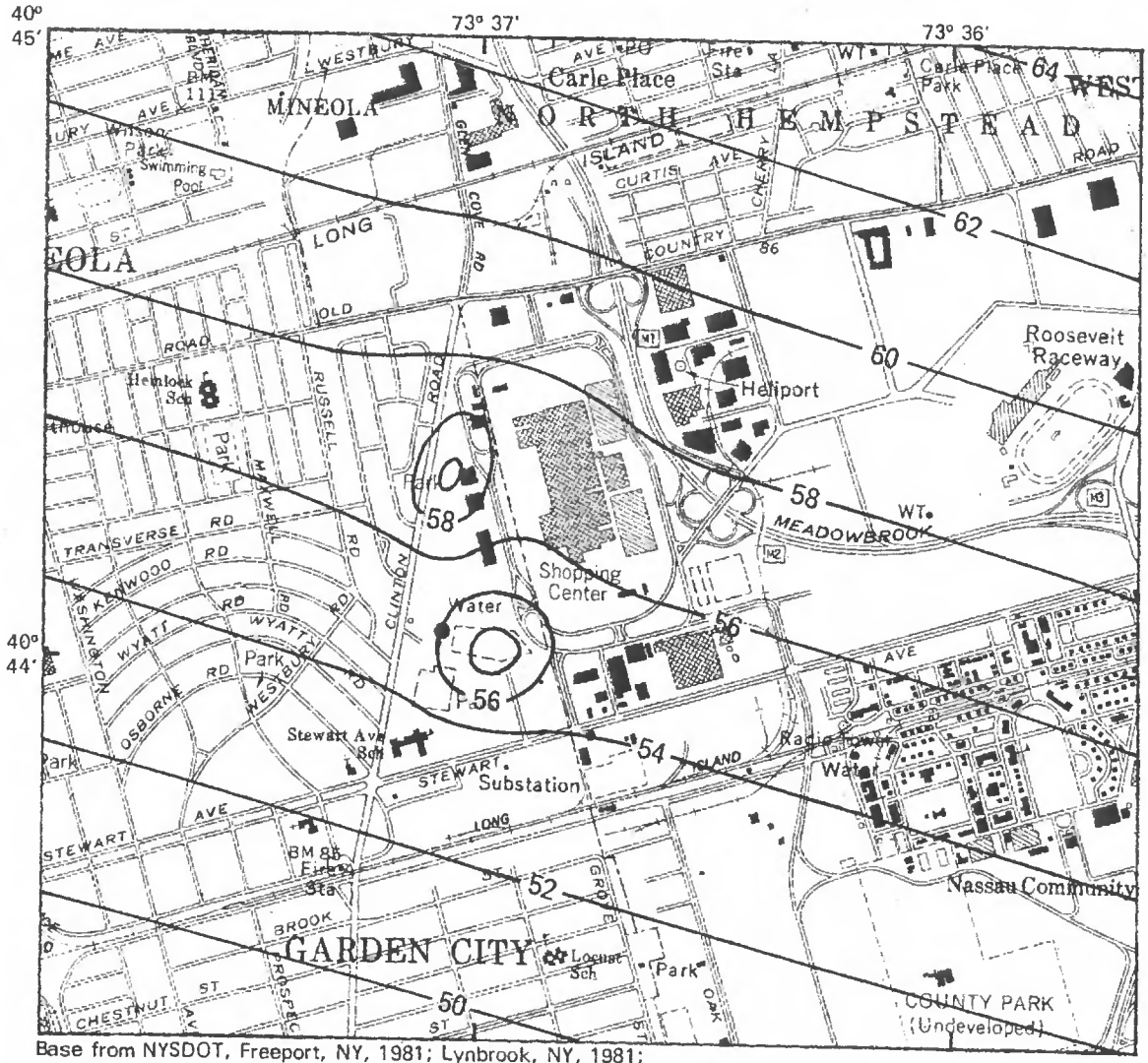
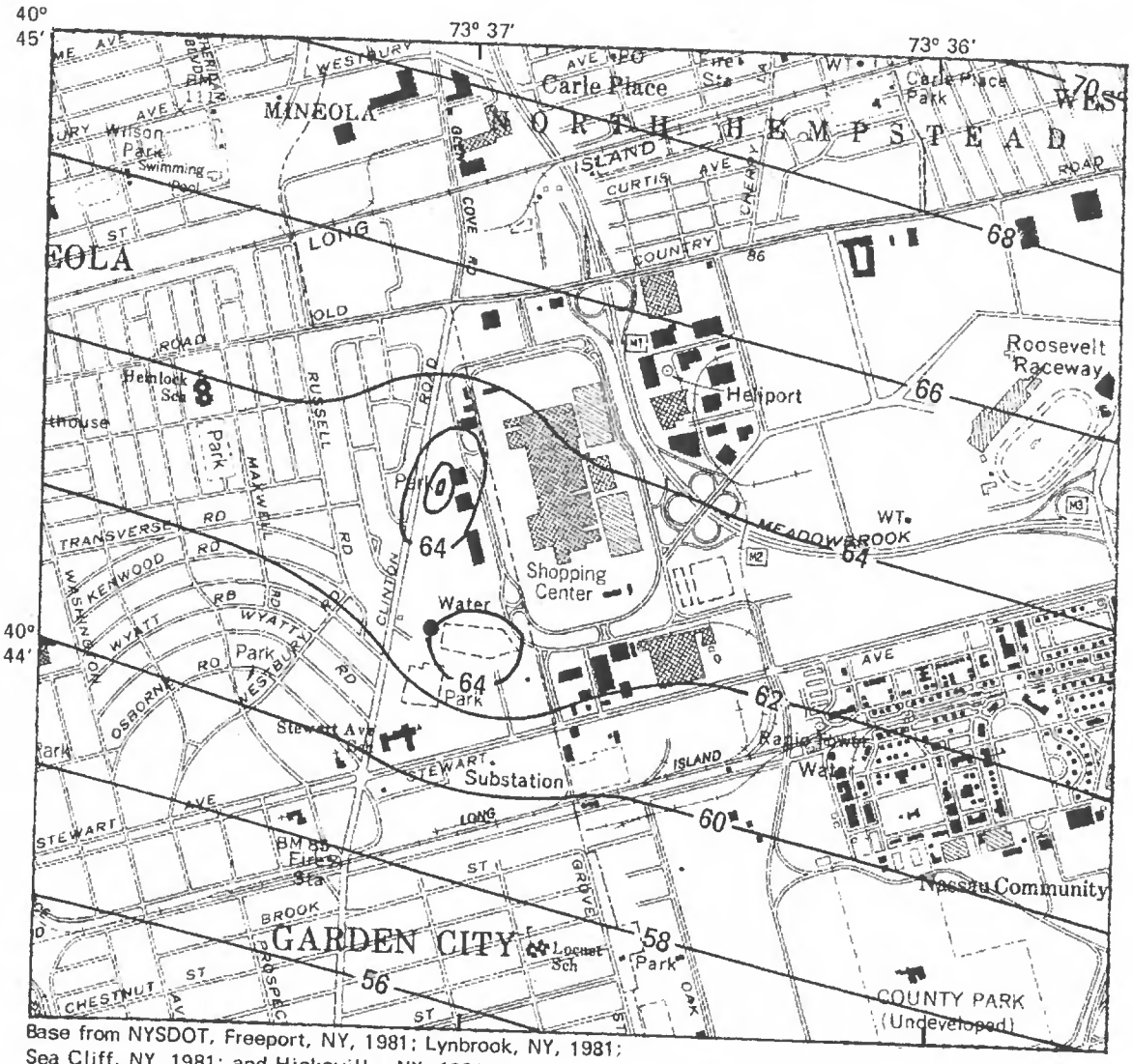


Figure 7B.--Water-table configuration at Roosevelt Field in August 1983. (Location is shown in fig. 1.)

Pumpage from these two wells during warm weather is about 1.2 Mgal/d. This is the shallowest withdrawal at Roosevelt Field, and the good hydraulic connection between the upper zone of the Magothy aquifer and the water-table aquifer in this area causes a slight water-table depression. A local reversal in water-table gradient between the depressed area and the mound beneath Pembrook recharge basin was created during the summer of 1982 (fig. 7A). The seasonal flow of ground water from the area of Pembrook recharge basin toward the depressed area against the regional hydraulic gradient is indicated by hydrographs for wells N9955 and N9958 (fig. 8).



Base from NYSDOT, Freeport, NY, 1981; Lynbrook, NY, 1981; Sea Cliff, NY, 1981; and Hicksville, NY, 1981; 1:24,000

0 1000 2000 FEET
0 300 600 METERS

EXPLANATION

—62— WATER-TABLE CONTOUR--Shows altitude of water-table. Contour interval 2 feet. Datum is sea level

Figure 7C.--Water-table configuration at Roosevelt Field in August 1984. (Location is shown in fig. 1.)

from April 2 to May 30, 1984. (See table 8.) Both plumes have basically the same configuration as in August 1984 (fig. 10a), but concentrations at the drain field and the basin are significantly lower as a result of recharge with TCE-free storm runoff between October 1983 and April 1984 and the dispersion of TCE-contaminated water discharged during the preceding summer.

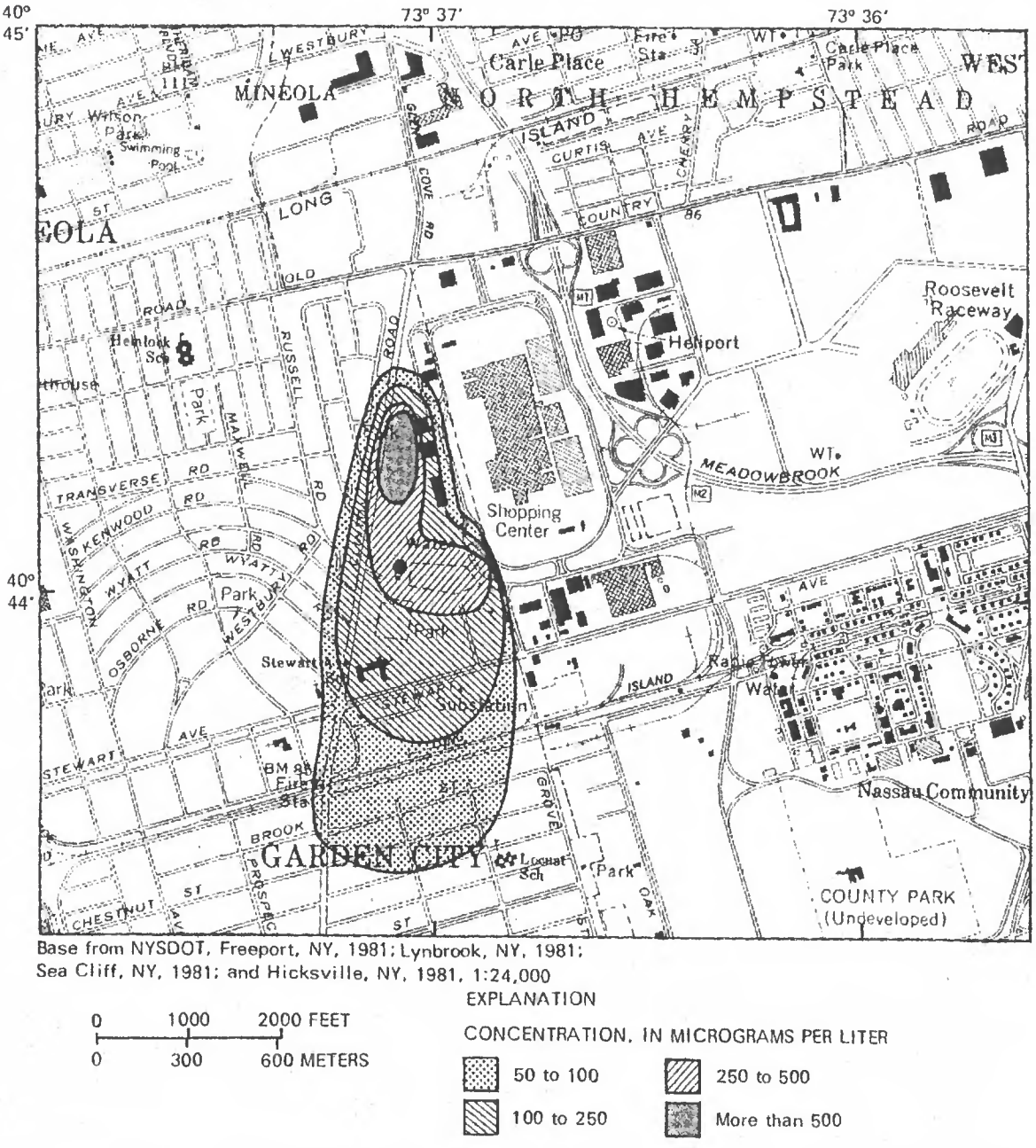


Figure 10A.--Trichloroethylene concentrations in the upper glacial aquifer at Roosevelt Field, August-September 1983, a period of heavy cooling-water pumping.

TCE in the Magothy Aquifer

The spatial distribution of TCE in the Magothy aquifer (fig. 11) is less accurately delineated than in the upper glacial aquifer for several reasons. The Magothy aquifer is about 500 ft thick at Roosevelt Field and is considerably more heterogeneous and anisotropic than the upper glacial aquifer, which has about 20 to 50 ft of saturated thickness. Fewer wells in

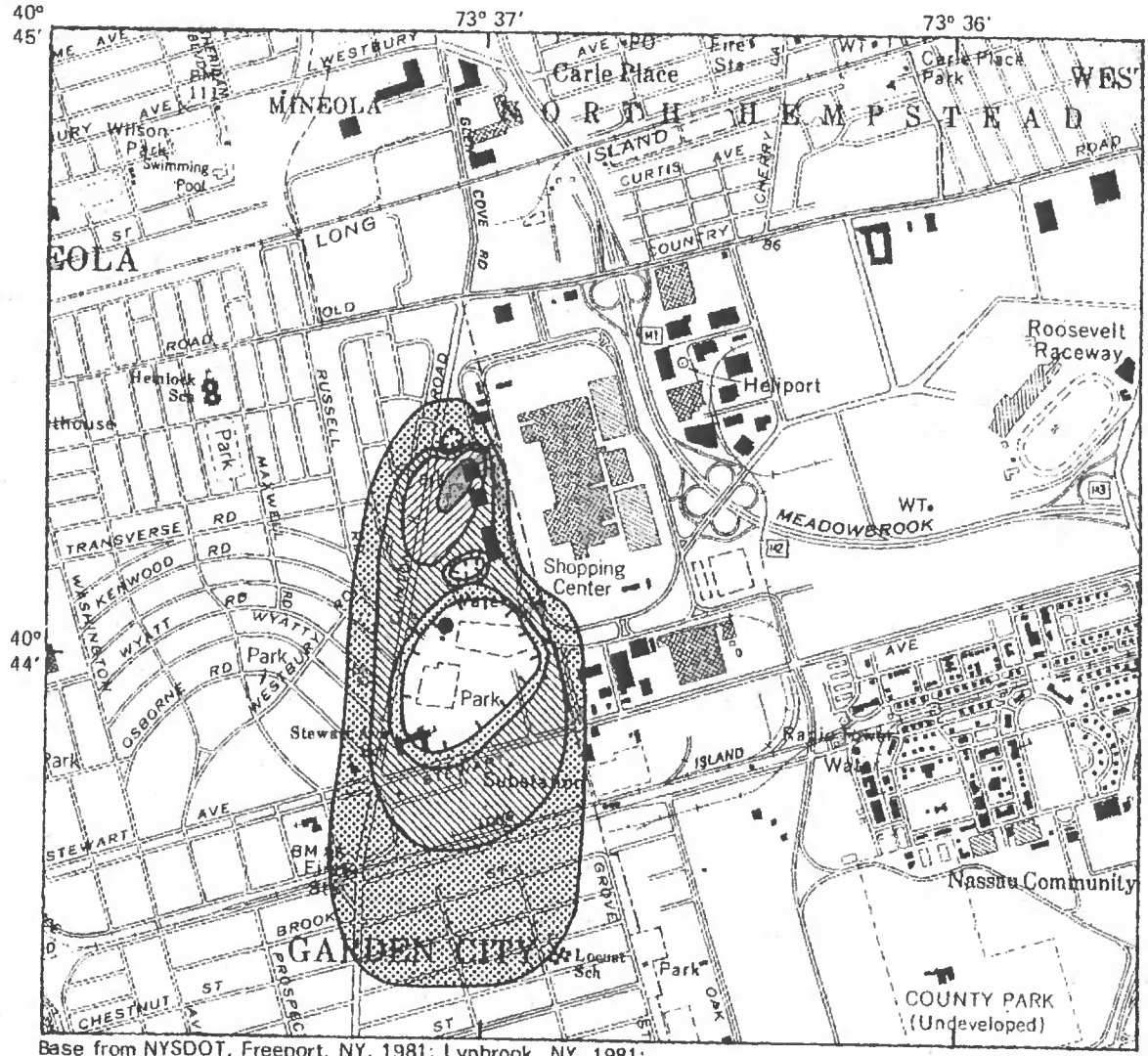


Figure 10B.--Trichloroethylene concentrations in the upper glacial aquifer at Roosevelt Field, April-May 1984, before start of seasonal cooling-water pumping.

ATTACHMENT 8

ANSON ENVIRONMENTAL LTD.

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Huntington, New York 11743
631-351-3555
Fax: 631-351-3615
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Remedial Investigation Report

for

Westbury Valet Dry Cleaners
Operable Unit 01-Soil and Groundwater On-Site

Westbury Valet Dry Cleaners
123 Post Avenue
Westbury, New York 11790

Site No. 1-30-088

Date: October 31, 2002

Revised January 30, 2003

Prepared for:
Mr. Thomas Gibbons, Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7015

Prepared by:
Anson Environmental Ltd.
771 New York Avenue
Huntington, New York 11743

"Your Environmental Partner"

FEB 13 2003

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5.1 Human Exposure

People may come in contact with PCE through ingestion, skin contact and inhalation. This section discusses these possible routes of exposure to the contaminant.

5.1.1 Ingestion

Ingestion exposure at the Westbury Valet Dry Cleaners site may occur via contaminated soil or groundwater. The following describes possible exposures through ingestion from each of these media. According the Material Safety Data Sheet (MSDS) on PCE, the ingestion route is not considered to be highly toxic due to PCE's low water solubility (Appendix 3). Ingestion of PCE is reported to cause abdominal pain, nausea, diarrhea, headache, and dizziness. It is worthy to note that MSDSs are generated for the protection of workers in the chemical manufacturing industry (those in direct contact with raw chemical products).

5.1.2 Soil

A possible route of exposure to PCE is via ingestion of soil contaminated with PCE. No surface soil contamination was found at the subject site.

The results of the subsurface soil sampling at the site identified several source areas with elevated concentrations of PCE. Subsurface soils were found to contain PCE concentrations up to 270 mg/Kg at 10 to 11-feet bgs in Floor Drain No. 2 (FD#2). The NYSDEC recommended soil cleanup objective for PCE is 1.4 mg/Kg.

Remedial activities included the removal of impacted materials from FD#2, to minimize the potential for possible exposure to subsurface PCE. Impacted materials removed from the aforementioned source areas were removed from the site and subsequently disposed of in accordance with applicable regulations.

In addition, to prevent the potential for future contamination caused by business operations at the site, FD#2 was inactivated by backfilling the floor drain with clean soil and patching the concrete floor.

Based on the excavation and abandonment activities, the possibility of exposure due to ingestion of contaminated subsurface soil from FD#2 by human receptors is deemed remote.

5.1.3 Groundwater

A possible route of exposure to PCE is via ingestion of groundwater contaminated with PCE. PCE was detected in the groundwater on-site to a depth of approximately 80-feet bgs.

PCE concentrations up to 23,000 ug/L were detected in the groundwater samples collected from monitoring well MW#3 during July 2001. The NYSDEC groundwater standard for PCE is 5 ug/L. The depth to groundwater at MW#3 has varied from approximately 34 to 41-feet bgs.

The principal source of potable water in the Village of Westbury, in which Westbury Valet Dry Cleaners is located, is the Magothy Aquifer located below the Upper Glacial Aquifer. Potable water is withdrawn from the Magothy Aquifer and distributed to public water supply systems in the area. The Upper Glacial Aquifer is considered groundwater at the Westbury Valet Dry Cleaners site.

An off-site survey of wells within the vicinity of the subject site was conducted to identify potential off-site and downgradient groundwater receptors. The supplier of drinkable water in the area and to the site is the Westbury Water District. The Westbury Water District Well No. 11 is located approximately 2,000-feet south-southwest of the Westbury Valet Dry Cleaners site (Figure 4). The Big N Car Wash of Westbury, approximately the same area, also has a supply well on their property. A well used for irrigation is located to the east of the Westbury Valet Dry Cleaners site in the Holy Rood Cemetery.

5.1.4 Summary of Local Well Information

Previous investigations concerning the subject property identified three public water supply wells. Wells numbered 101 and 7785 are located north and upgradient of the subject site. The downgradient Well 5654 (Well 11) is located on Old Country Road, west of Post Avenue and is indicated in Figure 4.

The following information was provided by United States Geological Survey (USGS) in conjunction with the Nassau County Department of Public Works (NCDPW) and NYSDEC.

Well No.	Year Completed	Depth of well (bgs)	Screen length (feet)	Aquifer
101 (well 6)	1970	341	61	Magothy
5654 (well 11)	1956	340	60	Magothy
7785 (well 7)	1965	404	70	Magothy
Big N Car Wash	1994	65	10	Upper Glacial

New York State Department of Health (NYSDOH) requires that all community water systems that serve 15 or more service connections used by year- round residents or regularly serve at least 25 year-round residents, prepare and distribute an Annual Water Quality Report (AWQR). The AWQR is based on data collected during the calendar year. An essential part of the AWQR is the contaminant summary table. This table shows the highest level of each detected contaminant (this is usually the value reported to the State to determine compliance) as well as the range of contaminant levels that were detected during the year, if compliance is based on an average of several samples. A detected contaminant is any contaminant detected by a New York State approved laboratory. The report must include detected monitoring results for any samples collected and analyzed by the State, County Health Department or EPA.

Water quality data has been secured from the Westbury Water District for the first three listed wells covering quarterly sampling by H2M Labs for the last five years. Concentrations of individual volatile organic compounds (VOCs) have not exceeded the groundwater standards in the wells in question. The aforementioned water quality data is included in the Remedial Investigation / Feasibility Study (RI/FS) dated December 2000, and submitted to NYSDEC by Dvirka and Bartilucci, Consulting Engineers. The RI/FS also contains additional information about the above listed wells.

The Dvirka and Barttilucci, Consulting Engineers, Remedial Investigation Report, Operable Unit II, 123 Post Avenue, Westbury, Nassau County, New York, dated July 2002, page 5-4, has the following statement concerning the Big N Car Wash supply well:

"The detection of PCE in the sample collected in October 2000 from the car wash supply well indicates a complete pathway exists for dermal and inhalation exposure to impacted groundwater by car wash employees during car washing. However, since the detected concentration was only 1.3 ug/L, which is below the health-based NYSDEC Class GA groundwater standard of 5 ug/L, it is unlikely that this condition represents a significant exposure."

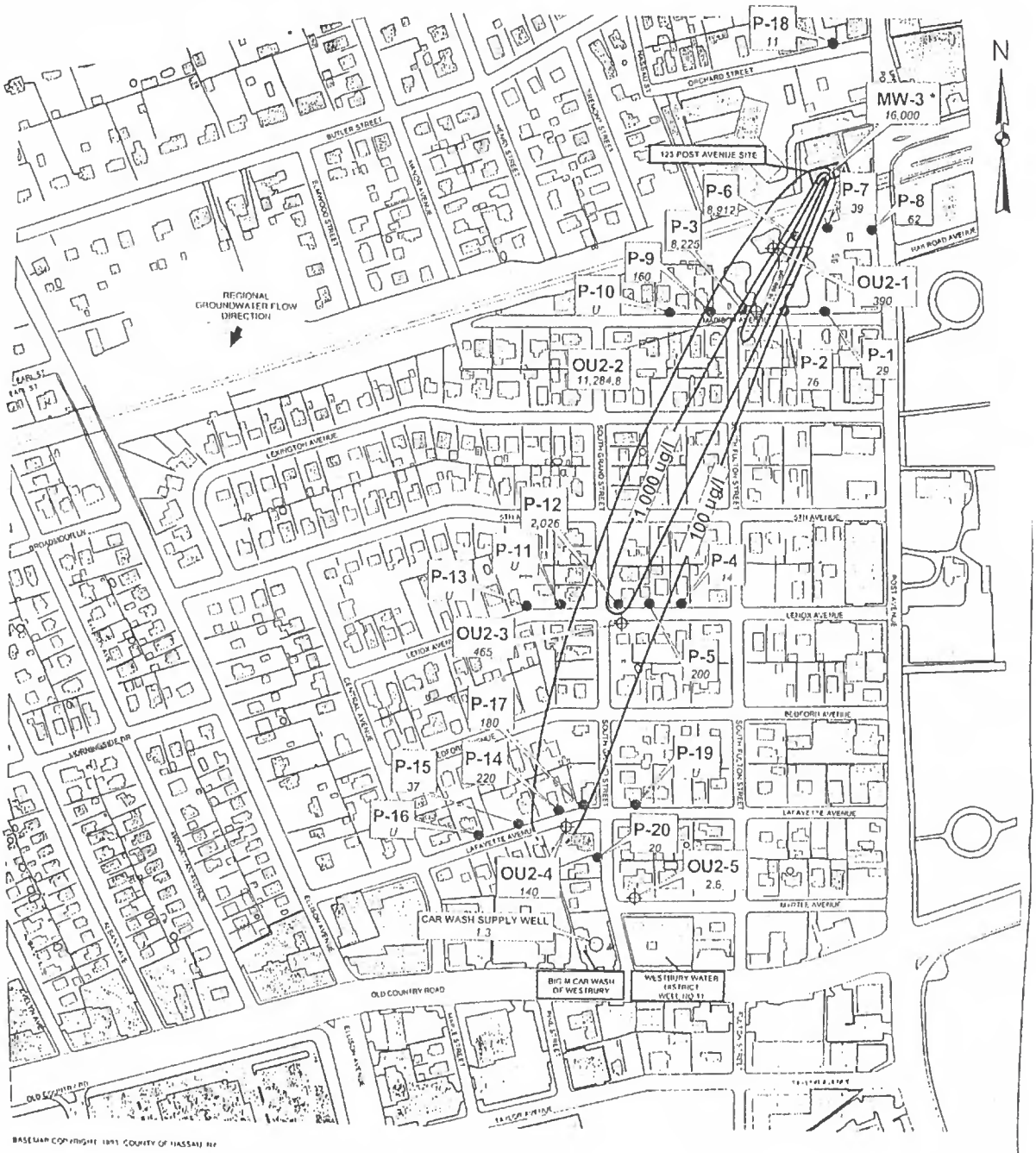
Based on the referenced Dvirka and Barttilucci RI report concerning the unlikely exposure to contamination at the car wash site, the Westbury Water District quarterly sampling information, and the depth to groundwater on-site, there is a minimum possibility for ingesting tetrachloroethene contamination detected in the on-site groundwater.

5.1.5 Inhalation

Inhalation is the exposure route of most concern with respect to PCE. According to the MSDS on PCE, inhalation of PCE is "irritating to the upper respiratory tract (Appendix 3). Giddiness, headache, intoxication, nausea, and vomiting may follow the inhalation of large amounts while massive amounts can cause breathing arrest, liver and kidney damage, and death."

The physical characteristics of PCE influence its behavior in the atmosphere and its potentiality for inhalation. According the MSDS, the vapor density for PCE is 5.7 as compared to air, which has a vapor density of 1. Since PCE has a higher vapor density value than air, it will tend to sink to the lowest point when introduced into the atmosphere. Based on this physical characteristic, and in the absence of circulating air, PCE is not likely to stay suspended in the breathing zone of humans, but is more likely to settle to the lowest point (ground level), which is below the breathing zone of the average human. However, indoor air data from the 123 Post Avenue site shows that appreciable amounts of PCE vapor are transported from the subsurface soils into the breathing zone inside that building. It appears that the PCE vapor in the soil migrated into the building and circulating air moved the vapor into the breathing zone of the building residents.

Vapor pressure is an indication of how quickly a substance will evaporate. Most vapor pressures are reported in millimeters of mercury (mmHg) at room temperature (usually 68° F). Substances with vapor pressures above 20 mmHg may present a hazard, particularly in enclosed areas with poor ventilation. The vapor pressure for PCE is 18 mm/Hg.



LEGEND

- GROUNOWATER PROBE HOLE LOCATION
- OU2-1 ⊕ PERMANENT MONITORING WELL LOCATION AND DESIGNATION
- P-4 / 14 PROBE HOLE DESIGNATION / MAXIMUM TOTAL PCE, TCE AND 1,2 -DCE CONCENTRATION (ug/l)
- U UNDETECTED
- * ON-SITE WELL SAMPLED BY OTHERS ON OCTOBER 3, 2000

200 0 200 Feet

123 POST AVENUE REMEDIAL INVESTIGATION - OPERABLE UNIT 2
WESTBURY, NEW YORK

HORIZONTAL EXTENT OF PCE, TCE AND 1,2-DCE
IN GROUNDWATER

Dvirka and Bartlliucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

FIGURE 4

P. 15

PHASE 2 ENVIRONMENTAL SITE ASSESSMENT REPORT

Former Avis Headquarters Property
900 Old Country Road
Garden City, Hempstead, New York 11530

Prepared For:
Simon Property Group
National City Center
115 West Washington Street
Indianapolis, Indiana 46204

Prepared By:
Oxford Engineering Company
336 Point Street
Camden, New Jersey 08102
856-541-0700

OEC Project No.:
05-044

Date Prepared:
September 12, 2005

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- 3.2 Seepage/Discharge Pits and Oil Water Separator Page 4
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- 3.5 Suspected Underground Storage Tank (UST) Page 7

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TABLES

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TABLE 2 – SUMMARY OF SOIL/SEDIMENT PP+40 SAMPLE ANALYTICAL RESULTS

TABLE 3 – SUMMARY OF LIQUID PP+40 SAMPLE ANALYTICAL RESULTS

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ATTACHMENT 1 – PHOTOGRAPHS

ATTACHMENT 2 – FLUIDS WASTE MANIFEST

ATTACHMENT 3 – ELEMCO, ELECTRICIAN WORK AUTHORIZATION FORM

ATTACHMENT 4 – LABORATORY ANALYTICAL DATA

1.0 INTRODUCTION

This Phase 2 Environmental Site Assessment Report documents investigations completed by Oxford Engineering Company (OEC) in evaluation of recognized environmental conditions (RECS) and/or potential RECS associated with the former Avis Headquarters Property located at 900 Old Country Road in Garden City, New York.

1.1 Background

OEC conducted a Phase 1 Environmental Site Assessment (ESA) of the Former Avis Headquarters Property and prepared a Draft Phase I Environmental Site Assessment Report, dated March 18, 2005. The Draft Phase 1 ESA Report documented eleven (11) RECS and/or potential RECS associated with the Subject Property. A subsequent review of Nassau County Department of Health file records revealed documentation that eliminated the need for further investigation of four (4) of the identified potential RECS. The findings of the records review are documented in a summary report prepared by OEC, dated May 18, 2005. The remaining RECS and/or Potential RECS are a follows:

- The potential for PCB content in hydraulic fluids associated with the hydraulic elevators located in the Avis Office Building;
- The potential for PCB content in hydraulic fluids associated with the hydraulic compactor in the warehouse area of the Cendant South Building;
- The potential for contaminants in the sump pits and floor drain systems and associated seepage or discharge pits in the warehouse area of the Cendant Office Building and in the Manufacturing Building, and the oil water separator in the truck loading dock of the Cendant Office Building;
- The potential for contaminants in the large wooden tank located in the west end of the Storage Building;
- The potential for PCB content in dielectric fluids in three (3) 500 KVA transformers located in the south transformer room of the Cendant Building;
- The potential for PCB content in dielectric fluids in the exterior pad mounted transformer and the three (3) pole mounted electrical transformers located in the rear of the Thomasville Home Furnishings Building and at the southeast corner of the Storage Building respectively; and
- The suspected Underground Storage Tank (UST) adjacent to the manufacturing building.

1.2 Project Objective

The objective of this project was to collect data relative to the identified RECS and/or potential RECS in order to confirm or deny the existence of recognized environmental conditions associated with the Subject Property.

2.0 ENVIRONMENTAL SETTING

The Subject Property, identified as the former Avis Headquarters Property, consists of approximately 21.858 acres located on Old Country Road, between East Gate Boulevard and Zeckendorf Boulevard, in the Town of Hempstead, Village of Garden City, New York (Section 44, Block 67, Lots 26, 27 & 28). The Subject Property is developed with five (5) buildings. The five (5) buildings located on the Subject Property are identified as: the three (3) story Avis Office Building; the one and one half (1 ½) story Cendant Office Building; the one (1) story Thomasville Home Furnishings Building; the one and one half (1 ½) story storage building; and the one (1) story manufacturing building.

The main access to the Subject Property is from Old Country Road to the North and from East Gate Boulevard to the West. The site is nearly entirely covered with an asphalt parking area with minor landscaped areas. The location of this property is illustrated on the Site Location Map included as Figure 1.

The referenced Draft Phase 1 ESA Report dated March 18, 2005 addresses the site physical setting including topography, drainage, soils and regional geology.

3.0 SITE INVESTIGATION

The Phase 2 site investigations and sampling were conducted at the former Avis Headquarters Property on July 12 through July 15, 2005. These investigations were conducted in order to confirm or deny the existence of recognized environmental conditions associated with the Subject Property.

3.1 Hydraulic Elevator and Compactor Hydraulic Fluid Testing

On July 12, 2005, OEC collected a sample of the hydraulic fluid from each of the four (4) hydraulic elevators and from the hydraulic compactor identified at the Subject Property. The hydraulic fluid samples (HF-1 through HF-5) were collected from the fluid reservoir at each unit utilizing dedicated sampling equipment. The samples were placed in sterile laboratory supplied 4-ounce sample jars and placed in a cooler containing ice. The sampling locations and sample designations are presented on Drawing No. 2, Site Sampling Plan. All project samples were documented on Chain of Custody Records and transported to Aqua Pro-Tech Laboratories (APL) of Fairfield, New Jersey, a New York State, ELAP accredited laboratory (#11634) for analysis. Samples (HF-1 through HF-5) were analyzed for PCB content (method 8081). Laboratory analytical results are summarized in Section 4.0.

3.2 Seepage/Discharge Pits and Oil Water Separator

On July 12 and July 13, 2005, OEC collected soil/sediment samples from the base of the seepage/discharge pit observed in the warehouse area of the Cendant Building and from the two (2) discharge pits located in the Manufacturing Building. The soil/sediment samples (SED-1, SED-2 and SED-3) were collected from the base of each structure utilizing dedicated sampling trowels. The samples were placed in sterile laboratory supplied 16-ounce sample jars and placed in a cooler containing ice. The sampling locations and sample designations are presented on Drawing No. 2, Site Sampling Plan. The samples were transported to APL for priority pollutants plus 40 (PP+40) analysis. Laboratory analytical results are summarized in Section 4.0.

Visual observations and sampling revealed the two (2) discharge pits located in the Manufacturing Building to be 18-inches in diameter and 30-inches deep. Each pit is constructed of steel with dry steel bottoms. Each pit interfaces with two (2), 4-inch diameter pipes that are at offset elevations. The historical operations in the building are unknown, but it is suspected that the higher elevation pipe in each pit is an inlet pipe and that the lower elevation pipe in each pit is a discharge pipe (See Drawing 2 for locations and details). The discharge pits may have been utilized to separate out heavy solids and/or sludge from a former process associated with the historical development of computerized and inertial torpedo and rocket guidance systems and aircraft fire defense systems at the property. There were no holes evident in the base of either pit (See Photographs 1 and 2 in Attachment 1).

Visual observations and sampling of the seepage/discharge pit located in the warehouse area of the Cendant Building revealed the pit to be 48" x 48" x 40" deep with a 27" x 27" access hatch.. The pit is constructed with concrete walls and no apparent bottom (See Photograph 3 in Attachment 1). There are two (2) pipes (4" diameter and 8" diameter) entering the base of

the pit from the north side and a single 8" diameter pipe (possibly a discharge pipe) exiting the pit on the south side (See Drawing 2 for location and details).

OEC secured the services of a vacuum truck for the removal and proper disposal of liquids contained in the oil water separator located in the truck loading dock on the east side of the Cendant Office Building. This activity was performed on July 13, 2005 to allow for visual inspection to determine if the unit has discharge points or if it is a contained unit that is required to be pumped in order to empty it. The recovered liquids were transported by a NYSDEC registered vehicle and disposed at Clean Water, a recycling facility located in Staten Island, New York (See Attachment 2 for the Waste Manifest).

Prior to pumping of the oil water separator, a sample of the liquid contents of the unit was collected utilizing a dedicated disposable bailer. The sample (AQ-1) was placed in multiple laboratory supplied sample bottles and vials with required preservatives and placed in a cooler containing ice. The sampling location and sample designation are presented on Drawing No. 2, Site Sampling Plan. The sample was documented on Chain of Custody Records and transported to Aqua Pro-Tech Laboratories (APL) of Fairfield, New Jersey, a New York State, ELAP accredited laboratory (#11634) for priority pollutants plus 40 (PP+40) analysis. Laboratory analytical results are summarized in Section 4.0.

Following pumping of the oil water separator unit, a sample of the remaining sludge (SED-4) was collected utilizing a dedicated sampling trowel. The sample was placed in a sterile laboratory supplied 16-ounce sample jar and placed in a cooler containing ice. The sampling location and sample designation are presented on Drawing No. 2, Site Sampling Plan. The sample was transported to APL for priority pollutants plus 40 (PP+40) analysis. Laboratory analytical results are summarized in Section 4.0.

Visual inspection revealed the oil water separator to be a concrete structure with two (2) 36" x 36" x 48" deep vaults with concrete bottoms. The vaults are separated by a 6" concrete wall (See Photographs 4 and 5 in Attachment 1). The oil water separator unit services a collection trough and floor drain located in the concrete floor of the loading dock. An 8" diameter inlet pipe runs from the floor drain to the northern vault of the unit. There is an 8" diameter skim/overflow pipe between the north and south vaults (See Drawing 2 for Details). The southern vault (oil side of unit) has no apparent discharge point. It appears it was necessary to have this side of the unit pumped out when it was full. The northern vault has a sump in the base of the vault. The pump has a 2-inch discharge pipe that runs up to the ceiling of the loading dock room and splits into two (2) runs. One (1) pipe runs to the Boiler Room and into the boiler water filter system. The second pipe runs above the ceiling in the direction of the adjacent restrooms to an unknown discharge point. No cracks or holes were observed in the bottoms of the oil water separator vaults.

3.3 Wooden Tank Investigation

On July 13, 2005, OEC collected a sample of the liquid contents of the large wooden tank in the storage building utilizing a dedicated disposable bailer. (See Photograph 6 in Attachment 1). The sample (AQ-2) was placed in multiple laboratory supplied sample bottles and vials

with required preservatives and placed in a cooler containing ice. The sampling location and sample designation are presented on Drawing No. 2, Site Sampling Plan. The sample was transported to APL for priority pollutants plus 40 (PP+40) analysis. Laboratory analytical results are summarized in Section 4.0.

3.4 Transformer Dielectric Fluids

OEC secured the services of licensed electrician, Elemco Testing Company, Inc. (Elemco) of Bohemia, New York (a licensed electrician) to de-energized and inspect the exterior pad mounted transformer located in the rear of the Thomasville Home Furnishings Building; the three (3) pole mounted electrical transformers located at the southeast corner of the Storage Building; and the three (3) 500 KVA transformers located in the Cendant Building, south Transformer Room to determine the cooling type and potential for PCB dielectric fluid in the transformers.

Elemco conducted a preliminary inspection of the exterior transformers in order to provide a proposal for transformer deactivation and sampling services. OEC was informed that the preliminary inspection revealed the exterior pad mounted and pole mounted transformers to be owner by Long Island Power Authority (LIPA). As indicated in the referenced draft Phase 1 ESA Report, OEC recommended additional investigation into the ownership and PCB content of the transformers be conducted. If it was determined that LIPA owns the transformers, it would be LIPA's responsibility to properly handle the transformers.

Additionally, LIPA's web site (www.lipower.org) provides the following statement relative to PCBs:

"The electrical capacitors in LIPA's service territory were purchased with PCBs for use on both the distribution system and certain substations. Pursuant to USEPA regulations, all distribution system PCB capacitors were removed prior to October 1, 1988 and replaced with non-PCB capacitors. In addition, although not required by regulations, all substation PCB capacitors were removed in the 1990s and replaced by non-PCB capacitors.

All LIPA distribution transformers were specified at the time of purchase from the transformer manufacturer to contain a dielectric fluid consisting of mineral oil, not PCBs. As a result, LIPA's inventory of transformers typically is expected to either contain no PCBs or low levels of PCBs (typically 0.01%). The presence of low levels of PCBs could have been caused by manufacturer processes that fabricated mineral oil transformers in close proximity to transformers manufactured to specifically contain PCBs. No analytical data is available for specific transformers."

Based on the information presented above, it is not anticipated that the exterior transformers would present an adverse environmental impact to the Subject Property and no further investigation is recommended.

On July 13, 2005 Elemco conducted and inspection of the three (3) 500 KVA transformers located in the Cendant Building, south Transformer Room to determine the cooling type and potential for PCB dielectric fluid in the transformers. Elemco accessed the transformers and the inspection revealed the three (3) Atlantic Transformers (Serial #s 19670, 19671 and 19672) to be "Dry Type" transformers. A copy of the Elemco Work Authorization Form

identifying the transformers as dry type is provided in Attachment 3. As such, sampling of the transformers was not performed and no further investigation is recommended.

3.5 Suspected Underground Storage Tank (UST)

On July 15, 2005 OEC provided the services of a John Deere 790 track excavator and operator to move stockpiled concrete, soil and discarded construction material from the south side of the manufacturing building in order to access and investigate the suspected UST. The stockpiled material was relocated to the asphalt parking area adjacent to manufacturing building and was not removed from the project site.

Upon relocation of the stockpiled materials, OEC directed the excavator operator to make exploratory excavations in the area of the suspect UST. Asphalt paving and a concrete slab were removed from the area adjacent to and over top of the suspected UST location. The excavation activities confirmed the presence of a 3,000-gallon, steel UST (See Photographs 7 and 8 Attachment 1). The tank is located approximately 18-inches below grade and measured 64-inches in diameter and 18 feet long. A non-capped 2- inch diameter port was identified once the concrete rubble was removed from on top of the tank. This port was used to stick the tank and was then plugged with a plastic cap (See Photograph 9 in Attachment 1). Approximately 12 to 18-inches of oily water was found to be present in the bottom of the tank. The UST runs parallel to the southern wall of the building and is located approximately 3'-8" off the face of the wall (See Drawing 2 for location and details).

Access was limited so only the soil adjacent to the south side of the UST was excavated to the tank invert along nearly the entire length of the tank. The tank appeared to be in good condition and there was no visual evidence or odors indicative of tank leakage in the base of the excavation at the tank invert.

Soil samples were collected from along the tank invert for screening with an organic vapor meter - photo ionization detector (PID) to evaluate potential impact to subsurface soils from the UST. The soil samples collected were placed inside new Ziploc®-type re-sealable plastic bags for a "headspace" measurement with the PID. By placing the material inside a sealed plastic bag, any volatile organic vapors that would emanate from the excavated materials would be contained in the plastic bag so that the PID could measure them when the probe was carefully inserted, providing a relative measure of volatile organic compound impact. The soil sample PID headspace readings were all at the background level of 0.0 parts per million (ppm) with no evidence of volatile organic compound impact. As such, no soil samples were submitted for laboratory analysis. Upon completion of the tank inspection and documentation, the excavated area was backfilled with the excavated soils.

4.0 SITE INVESTIGATION FINDINGS

This Section presents the results of the Phase 2 site investigations and sampling conducted at the former Avis Headquarters Property on July 12 through July 15, 2005. These investigations were conducted in order to confirm or deny the existence of recognized environmental conditions associated with the Subject Property.

4.1 Hydraulic Elevator and Compactor Hydraulic Fluid Testing

Samples were collected of the hydraulic fluid from each of the four (4) hydraulic elevators and from the hydraulic compactor identified at the Subject Property. The hydraulic fluid samples (HF-1 through HF-5) were submitted for analysis of PCB content. Laboratory analysis of the hydraulic fluid samples revealed no detectable levels of PCB in any of the samples.

A summary of the hydraulic fluid analytical results is presented in Table 1. The laboratory deliverables for hydraulic fluid samples are included as Attachment 4.

4.2 Seepage/Discharge Pits and Oil Water Separator

Samples of soil/sediment were collected from the base of the seepage/discharge pit observed in the warehouse area of the Cendant Building; from the two (2) seepage/discharge pits located in the Manufacturing Building; and from the sludge in the bottom of the oil water separator unit. The soil/sediment samples (SED-1 through SED-4) were submitted for priority pollutants plus 40 (PP+40) analysis. Laboratory analysis of the soil/sediment samples revealed no detectable levels of Volatile Organic Compounds (VOCs), Pesticides or Herbicides in any of the samples. Concentrations of Base Neutrals (BN) and Priority Pollutant Metals (PP Metals) in excess of the New York State Department of Environmental Conservation (NYSDEC) recommended soil cleanup objectives were identified in each sample. Identified BNs in excess of NYSDEC recommended soil cleanup objectives include: Phenanthrene, Fluoranthene, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexl)phthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenzo(a,h)anthracene and Phenols. PP Metals identified in excess of NYSDEC recommended soil cleanup objectives include: Arsenic, Beryllium, Cadmium, Chromium, Copper, Mercury, Nickel and Zinc.

Sample SED-1 revealed copper and zinc at concentrations two (2) orders of magnitude greater than their respective NYSDEC recommended soil cleanup objectives. Sample SED-2 revealed chromium, copper, nickel and zinc at concentrations two (2) orders of magnitude greater than their respective NYSDEC recommended soil cleanup objectives. Sample SED-3 revealed copper at concentrations two (2) orders of magnitude greater than the NYSDEC recommended soil cleanup objectives. Sample SED-4 revealed zinc at concentrations three (3) orders of magnitude greater than the NYSDEC recommended soil cleanup objectives.

Analysis of samples SED-1, SED-2 and SED-4 revealed no detectable levels of polychlorinated biphenyls (PCBs). However, analysis of Sample SED-3 revealed Aroclor 1260 at a concentration of 48.3 mg/kg which is in excess of the NYSDEC recommended soil cleanup objective of 10 mg/kg.

A summary of the soil/sediment sample analytical results is presented in Table 2. The laboratory deliverables for soil/sediment samples are included as Attachment 4.

A sample of the liquid contents of the oil water separator was collected prior to pumping and disposal of the liquids. The liquid sample (AQ-1) was submitted for priority pollutants plus 40 (PP+40) analysis. Laboratory analysis of liquid sample AQ-1 revealed no detectable levels PCBs, Pesticides or Herbicides. Concentrations of BNs and VOCs in excess of the NYSDEC Groundwater Standards were identified and Concentrations of PP Metals were identified in the sample.

A summary of the oil water separator liquid sample (AQ-1) analytical results is presented in Table 3. The laboratory deliverable for the liquid sample is included as Attachment 4.

4.3 Wooden Tank Investigation

A sample was collected of the liquid contents of the large wooden tank in the storage building. The sample (AQ-2) was submitted for priority pollutants plus 40 (PP+40) analysis. Laboratory analysis of the liquid sample revealed no detectable levels of PCBs, VOCs, Pesticides or Herbicides. No concentrations of BNs were detected in excess of the NYSDEC Groundwater Standards. Low levels of PP Metals Copper and Zinc were identified in the sample.

A summary of the liquid sample analytical results is presented in Table 3. The laboratory deliverable for the liquid sample is included as Attachment 4.

4.4 Transformer Dielectric Fluids

As indicated above, the exterior pad mounted and pole mounted transformers were determined to be owned by Long Island Power Authority (LIPA). The three (3) 500 KVA transformers located in the Cendant Building, south Transformer Room were determined by a licensed electrician to be "Dry Type" transformers. As such, sampling of the transformers was not performed and no further investigation is recommended.

4.5 Suspected Underground Storage Tank (UST)

The site excavation activities confirmed the presence of a 3,000-gallon, steel UST located approximately 18-inches below grade. The UST measured 64-inches in diameter and 18 feet long and is assumed to be an abandoned heating oil UST. Approximately 12 to 18-inches of oily water was found to be present in the bottom of the tank. The UST runs parallel to the southern wall of the building and is located approximately 3'-8" off the face of the wall. The

tank appeared to be in good condition and there was no visual evidence or odors indicative of tank leakage in the base of the excavation at the tank invert.

Soil samples collected from along the tank invert and screened with a PID revealed no evidence of volatile organic compound impact. OEC was unable to find any historical evidence of the existence or registration of this UST.

5.0 SUMMARY OF FINDINGS AND RECOMMENDATIONS

This section presents a summary of findings and recommendations based on the findings of the Phase 2 site investigations and sampling conducted at the former Avis Headquarters Property on July 12 through July 15, 2005.

5.1 Hydraulic Elevator and Compactor Hydraulic Fluid Testing

Samples collected of the hydraulic fluid from each of the four (4) hydraulic elevators and from the hydraulic compactor identified at the Subject Property revealed no detectable levels of PCB in any of the fluids. It is recommended that prior to the planned building demolition activities each of the hydraulic elevators and the hydraulic compactor be drained of hydraulic fluids by a qualified service technician and that the fluids are properly disposed.

5.2 Seepage/Discharge Pits and Oil Water Separator

Manufacturing Building Discharge Pits

The soil/sediment samples (SED-1 and SED-2) revealed no detectable levels of VOCs, PCBs, Pesticides or Herbicides. Concentrations of BNs and PP Metals in excess of the NYSDEC recommended soil cleanup objectives were identified in each discharge pit. It should be noted that sample SED-1 and SED-2 are sediment samples collected from the base of the steel discharge pits and are not representative of concentrations of contaminants in site soils. Visual observations revealed no evidence of holes or openings in the base of the discharge pits.

As previously stated, the historical operations in the building are unknown, but it is suspected that the higher elevation pipe in each pit is an inlet pipe and that the lower elevation pipe in each pit is a discharge pipe (See Drawing 2 for locations and details). The discharge pits may have been utilized to separate out heavy solids and/or sludge from a former process associated with the historical development of computerized and inertial torpedo and rocket guidance systems, and aircraft fire defense systems at the property.

Based on the sediments in the base of the discharge pits containing concentrations of BNs and PP Metals in excess of the NYSDEC recommended soil cleanup objectives, OEC recommends proper cleaning and disposal of the drainage pit contents and additional investigation to determine the points of origin of the suspected inlet pipes (possibly floor drains identified throughout the building) and the point of discharge of each of the suspected discharge pipes and the potential impact to site soils.

Cendant Building Warehouse Discharge Pit

Soil/sediment sample (SED-3) collected from the soil base of the discharge pit revealed no detectable levels of VOCs, Pesticides or Herbicides. However, concentrations of PCBs (Aroclor 1260), BNs and PP Metals were identified in excess of the NYSDEC recommended soil cleanup objectives. It should be noted that no apparent bottom was observed in the base of the discharge pit and sample SED-3 was collected from surface soil in the base of the pit.

There are two (2) pipes (4" diameter and 8" diameter) entering the base of the pit from the north side (possibly inlet pipes) and a single 8" diameter pipe (possibly a discharge pipe) exiting the pit on the south side. Historical processes conducted in this building are not well defined and the function of this discharge pit is unknown.

Based on the surface soil in the base of the discharge pit containing concentrations of PCBs, BNs and PP Metals in excess of the NYSDEC recommended soil cleanup objectives, OEC recommends additional subsurface soil investigations to delineate the vertical and horizontal extent of the soil contamination. Following delineation of the soil contamination, a soil remediation plan should be developed and implemented. OEC also recommends additional investigation to determine the origin of the inlet pipes, including floor drains in the area of the discharge pit, and to determine the point of discharge of the suspected discharge pipe and the potential impact to site soils.

Cendant Building Oil/Water Separator

Sediment sample SED-4 revealed no detectable levels of VOCs, PCBs, Pesticides or Herbicides. Concentrations of BNs and PP Metals in excess of the NYSDEC recommended soil cleanup objectives were identified in the sludge in the base of the oil/water separator. It should be noted that sample SED-4 is a sludge/sediment sample collected from the base of the concrete oil/water separator vault and is representative of concentrations of contaminants in site soils. Visual observations revealed no evidence of cracks or openings in the base of the oil/water separator.

Sample AQ-1 of the liquid contents of the oil/water separator was collected prior to pumping and disposal of the liquids. Laboratory analysis revealed no detectable levels PCBs, Pesticides or Herbicides. Concentrations of BNs and VOCs in excess of the NYSDEC Groundwater Standards were identified and Concentrations of PP Metals were identified in the sample.

As previously indicated, the southern vault (oil side of unit) has no apparent discharge point and it appears it was necessary to have this side of the unit pumped out when it was full. The northern vault has a sump in the base of the vault that has a 2-inch discharge pipe that runs up to the ceiling of the loading dock room and splits into two (2) runs. One (1) pipe runs to the Boiler Room and into the boiler water filter system. The second pipe runs above the ceiling in the direction of the adjacent restrooms to an unknown discharge point. No cracks or holes were observed in the bottoms of the oil water separator vaults. The oil/water separator was pumped out at the time of the liquid and sludge sampling activities. As such no further investigation is recommended relative to the oil/water separator.

5.3 Wooden Tank Investigation

Sample AQ-2 of the liquid contents of the large wooden tank in the storage building revealed no detectable levels of PCBs, VOCs, Pesticides or Herbicides. No concentrations of BNs were detected in excess of the NYSDEC Groundwater Standards and low levels of PP Metals Copper and Zinc were identified in the sample. Based on the information presented above, the water can be pumped from the tank at the time of planned demolition with no special considerations relative to water contaminants.

5.4 Transformer Dielectric Fluids

The exterior pad mounted and pole mounted transformers have been determined to be owned by LIPA and as such it will be LIPA's responsibility to properly handle the transformers at the time of the planned demolition. The three (3) 500 KVA transformers located in the Cendant Building, south Transformer Room have been determined by a licensed electrician to be "Dry Type" transformers. Based on the information presented no further investigation relative to the site electrical transformers is recommended.

5.5 Suspected Underground Storage Tank (UST)

The site excavation activities confirmed the presence of a 3,000-gallon, steel UST located approximately 18-inches below grade. The UST runs parallel to the southern wall of the manufacturing building. The tank appeared to be in good condition and there was no visual evidence or odors indicative of tank leakage in the base of the excavation at the tank invert. Soil samples collected from along the tank invert and screened with a PID revealed no evidence of volatile organic compound impact. OEC was unable to find any historical evidence of the existence or registration of this UST.

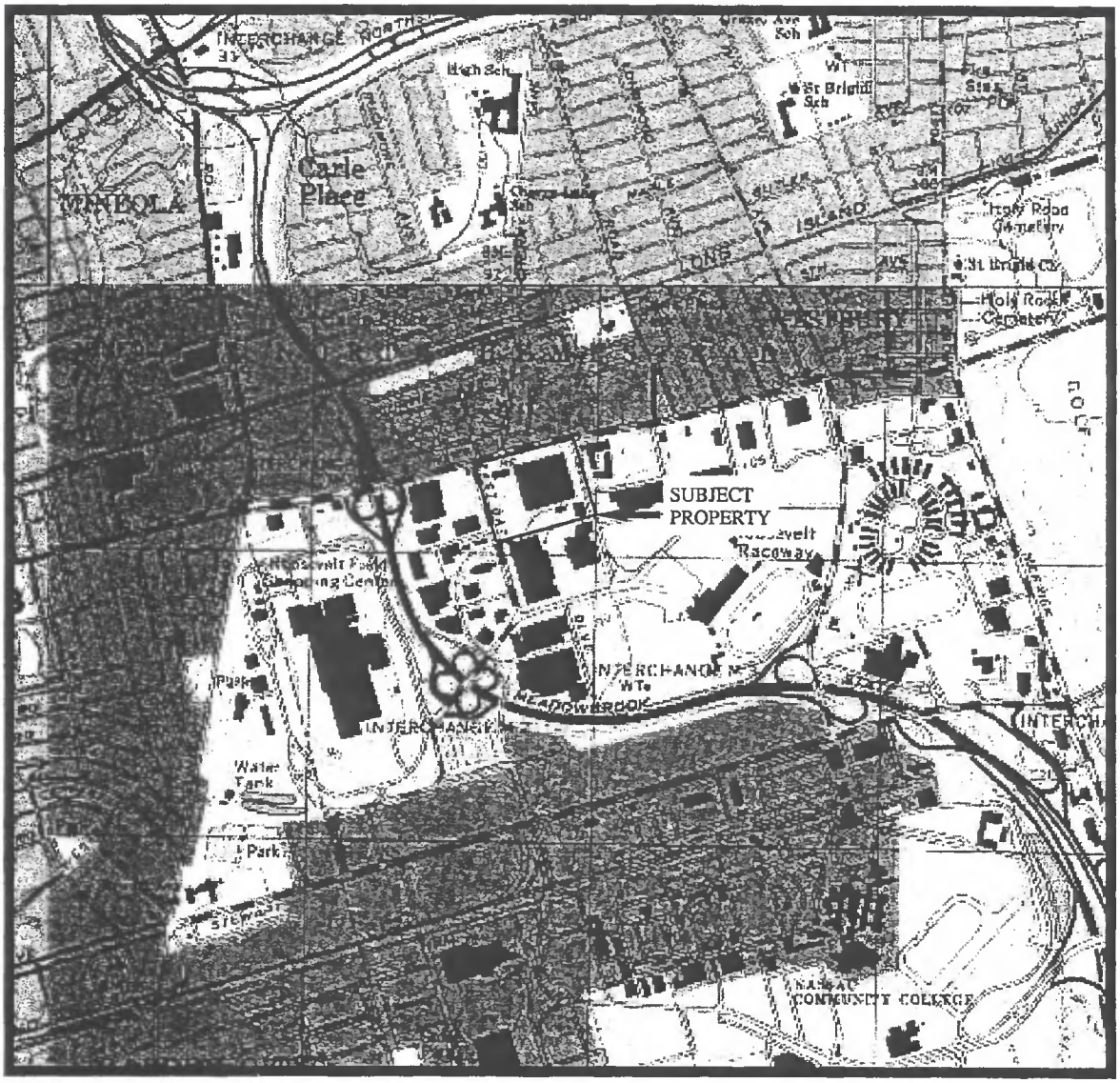
Based on the information presented above, it is recommended that the Nassau County Department of Health be contacted and that the UST be registered. Following formal registration of the UST it is recommended that the UST be removed and closed.

6.0 REFERENCES

1. Draft Phase I Environmental Site Assessment Report, Former Avis Headquarters Property, Oxford Engineering Company, March 18, 2005.

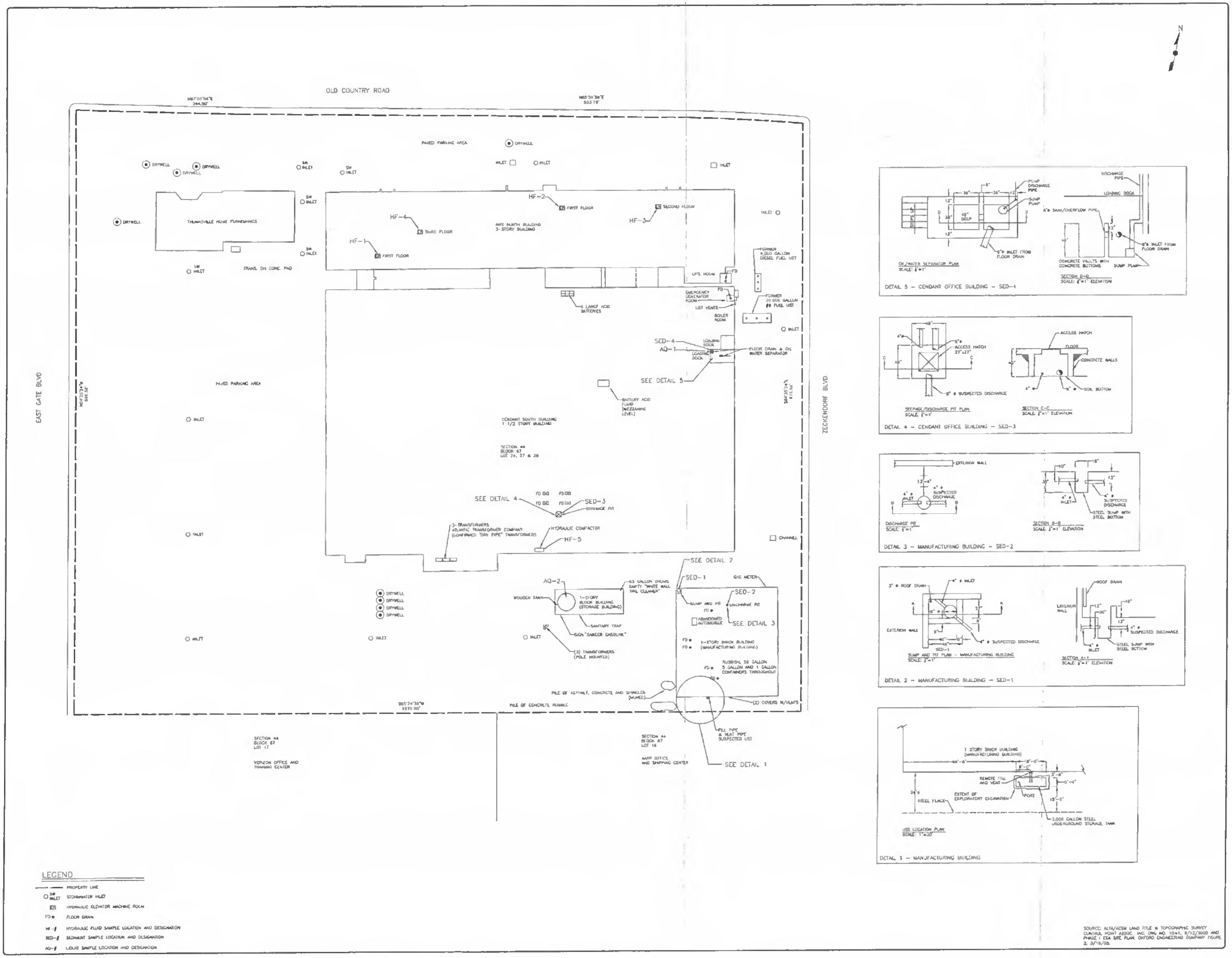
2. Freeport, New York, USGS, 7.5 minute topographic quadrangle, 1994.

FIGURES AND DRAWINGS



SCALE: 1:24,000

OXFORD ENGINEERING COMPANY 336 POINT STREET CAMDEN, NEW JERSEY 08102 PROJECT #: 05-005 SOURCE: FREEPORT, NY, QUADRANGLE USGS 7.5 MINUTE TOPOGRAPHIC MAP	**FIGURE 1** SITE LOCATION TOPOGRAPHIC MAP FORMER AVIS WORLD HEADQUARTERS PROPERTY 900 OLD COUNTRY ROAD GARDEN CITY, NY 11530


OLD COUNTRY ROAD
EAST GATE BLVD
ZECKENDORF BLVD
PAVED PARKING AREA
AVIS NORTH BUILDING 3-STORY BUILDING
CENDANT SOUTH BUILDING 1 1/2 STORY BUILDING
THOMASVILLE HOME FURNISHINGS
SEE DETAIL 1
SEE DETAIL 2
SEE DETAIL 3
SEE DETAIL 4
SEE DETAIL 5
DETAIL 1 - MANUFACTURING BUILDING
DETAIL 2 - MANUFACTURING BUILDING - SED-1
DETAIL 3 - MANUFACTURING BUILDING - SED-2
DETAIL 4 - CENDANT OFFICE BUILDING - SED-3
DETAIL 5 - CENDANT OFFICE BUILDING - SED-4
LEGEND

OXFORD
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336 POINT STREET
CAMDEN, NEW JERSEY 08102
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C.A. # 24GA27961900

REVISIONS

NO.	DESCRIPTION	DATE

CLIENT: Simon Property Group, 115 West Washington Street, Indianapolis, IN 46204	
PROJECT NAME: AVIS World Headquarters, 900 Old Country Road, Garden City, New York, Phase II Environmental Site Assessment	
DRAWING TITLE: Site/Sampling Plan	
PROJECT NO. 05-044	FILE NO. 05-044-1
DATE: 9/6/05	SHEET NO. 1 OF 1
SCALE: 1"=50'	DESIGNED BY:
DRAWN BY: J.T.H	CHECKED BY: W.W.M.

Figure 2

TABLES

Table 1

Summary of Hydraulic Fluid PCB Sample Analytical Results
Former Avis Headquarters Property, Garden City, New York

Sample Date Sample Type	HF-1 7/12/05 Grab ug/kg	HF-2 7/12/05 Grab ug/kg	HF-3 7/12/05 Grab ug/kg	HF-4 7/12/05 Grab ug/kg	HF-5 7/12/05 Grab ug/kg
Aroclor 1016	U	U	U	U	U
Aroclor 1221	U	U	U	U	U
Aroclor 1232	U	U	U	U	U
Aroclor 1242	U	U	U	U	U
Aroclor 1248	U	U	U	U	U
Aroclor 1254	U	U	U	U	U
Aroclor 1260	U	U	U	U	U

U indicates "Not Detected" at the method detection limit.

TABLE 2
SOIL/SEDIMENT SAMPLES
PP+40 SAMPLE ANALYSIS SUMMARY
July 12 and July 13, 2005

Field Sample ID (Lab ID #)	Sample Location	Parameters Analyzed	Parameters Detected / Concentration (mg/kg)	*NYSDEC Cleanup Limits (mg/kg)
SED-1 (25070892-001)	Discharge Pit Manufacturing Building	BN+15	Naphthalene – 0.884	13.0
			Acenaphthylene – 0.80	41.0
			Acenaphthene – 2.58	50.0
			Dibenzofuran – 2.78	6.2
			Fluorene – 2.98	50.0
			Phenanthrene – 36.30	50.0
			Fluoranthene – 15.30	50.0
			Pyrene – 9.21	50.0
			Benzo(a)anthracene – 5.67	**0.224**
			Chrysene – 3.16	**0.4**
			bis(2-Ethylhexl)phthalate – 53.2	**50.0**
			Benzo(b)fluoranthene – 3.38	**1.1**
			Benzo(k)fluoranthene – 2.45	**1.1**
			9 TICs (Total) – 1465.5	
		PCB	None Detected	
		PP Metals	Antinomy – 10.7	SB
			Arsenic – 21.5	**7.5 or SB**
			Cadmium – 7.4	**1 or SB**
			Chromium – 69.1	**10 or SB**
			Copper – 1280	**25 or SB**
			Cyanide – 0.74	Site Specific
			Lead – 323	SB
			Mercury – 0.552	**0.1**
			Nickel – 50.8	**13 or SB**
			Silver – 10.7	SB
			Zinc – 2010	**20 or SB**
		VOC+10	None Detected	
		Pesticides	None Detected	
		Herbicides	None Detected	

NYSDEC Cleanup Limits - indicates the recommended soil cleanup objectives per NYSDEC Technical and Administrative Guidance Memorandum #4046, dated January 24, 1994.
SB – indicates Site Background
Bold indicates a result in excess of the NYSDEC Soil Cleanup Limit

TABLE 2 (Continued)

Field Sample ID (Lab ID #)	Sample Location	Parameters Analyzed	Parameters Detected / Concentration (mg/kg)	*NYSDEC Cleanup Limits (mg/kg)
SED-2 (25070892-002)	Discharge Pit Manufacturing Building	BN+15	Naphthalene – 1.26	13.0
			2-Methylnaphthalene – 0.723	36.4
			Dimethylphthalate – 1.29	2.0
			Acenaphthene – 5.23	50.0
			Dibenzofuran – 2.84	6.2
			Fluorene – 4.86	50.0
			Diethylphthalate – 0.786	7.1
			Phenanthrene – 27.40	50.0
			Anthracene – 7.34	50.0
			Carbazole – 6.91	N/A
			Di-n-butylphthalate – 2.72	8.1
			Fluoranthene – 36.9	50.0
			Pyrene – 23.0	50.0
			Butylbenzylphthalate – 2.80	50.0
			Benzo(a)anthracene – 14.60	**0.224**
			Chrysene – 12.0	**0.4**
			bis(2-Ethylhexl)phthalate – 88.3	**50.0**
			Benzo(b)fluoranthene – 12.40	**1.1**
			Benzo(k)fluoranthene – 5.93	**1.1**
			Benzo(a)pyrene – 7.46	**0.061**
			Indeno(1,2,3-cd)pyrene – 6.31	**3.2**
			Dibenzo(a,h)anthracene – 0.737	**0.014**
			Benzo(g,h,i)perylene – 1.12	50.0
			11 TICs (Total) – 268.83	
		PCB	None Detected	
		PP Metals	Antinomy – 160	SB
			Arsenic – 9.87	**7.5 or SB**
			Cadmium – 38.4	**1 or SB**
			Chromium – 6680	**10 or SB**
			Copper – 8230	**25 or SB**
			Cyanide – 1.75	Site Specific
			Lead – 4510	SB
			Mercury – 5.15	**0.1**
			Nickel – 3310	**13 or SB**
			Silver – 23.5	SB
			Zinc – 3450	**20 or SB**
		VOC+10	None Detected	
		Pesticides	None Detected	
		Herbicides	None Detected	

NYSDEC Cleanup Limits - indicates the recommended soil cleanup objectives per NYSDEC Technical and Administrative Guidance Memorandum #4046, dated January 24, 1994.
SB – indicates Site Background
Bold indicates a result in excess of the NYSDEC Soil Cleanup Limit

TABLE 2 (Continued)

Field Sample ID (Lab ID #)	Sample Location	Parameters Analyzed	Parameters Detected / Concentration (mg/kg)	*NYSDEC Cleanup Limits (mg/kg)
SED-3 (25070892-003)	Discharge Pit Cendant Building Warehouse	BN+15	Naphthalene – 0.879	13.0
			2-Methylnaphthalene – 1.29	36.4
			Acenaphthylene – 1.39	41.0
			Acenaphthene – 6.13	50.0
			Dibenzofuran – 2.68	6.2
			Fluorene – 5.79	50.0
			Diethylphthalate – 0.311	7.1
			Phenanthrene – 54.80	**50.0**
			Anthracene – 13.20	50.0
			Carbazole – 8.52	N/A
			Di-n-butylphthalate – 2.36	8.1
			Fluoranthene – 80.7	**50.0**
			Pyrene – 39.9	50.0
			Benzo(a)anthracene – 54.0	**0.224**
			Chrysene – 31.5	**0.4**
			bis(2-Ethylhexl)phthalate – 3.41	50.0
			Benzo(b)fluoranthene – 40.80	**1.1**
			Benzo(k)fluoranthene – 30.80	**1.1**
			Benzo(a)pyrene – 20.70	**0.061**
			Indeno(1,2,3-cd)pyrene – 13.30	**3.2**
			Dibenzo(a,h)anthracene – 6.14	**0.014**
			Benzo(g,h,i)perylene – 14.40	50.0
			Phenols – 7.4	**0.03**
			3 TICs (Total) – 11.63	
		PCB	**Aroclor 1260 – 48.3**	**10**
		PP Metals	Antinomy – 7.56	SB
			Beryllium – 0.20	**0.16 or SB**
			Cadmium – 11.6	**1 or SB**
			Chromium – 194	**10 or SB**
			Copper – 1480	**25 or SB**
			Lead – 159	SB
			Mercury – 0.084	0.1
			Nickel – 66.5	**13 or SB**
			Zinc – 443	**20 or SB**
		VOC+10	None Detected	
		Pesticides	None Detected	
		Herbicides	None Detected	

NYSDEC Cleanup Limits - indicates the recommended soil cleanup objectives per NYSDEC Technical and Administrative Guidance Memorandum #4046, dated January 24, 1994.
SB – indicates Site Background
Bold indicates a result in excess of the NYSDEC Soil Cleanup Limit

TABLE 2 (Continued)

Field Sample ID (Lab ID #)	Sample Location	Parameters Analyzed	Parameters Detected / Concentration (mg/kg)	*NYSDEC Cleanup Limits (mg/kg)
SED-4	Oil/Water Separator			
(25070892-004)	Truck Dock	BN+15	Phenanthrene – 4.87	50.0
	Cendant Building		Fluoranthene – 15.60	50.0
			Pyrene – 11.10	50.0
			Benzo(a)anthracene – 6.03	**0.224**
			Chrysene – 4.72	**0.4**
			bis(2-Ethylhexl)phthalate – 41.30	50.0
			Benzo(b)fluoranthene – 5.08	**1.1**
			Benzo(k)fluoranthene – 7.12	**1.1**
			Benzo(g,h,i)perylene – 3.91	50.0
			Phenols 31.2	**0.03**
			11 TICs (Total) – 527.30	
		PCB	None Detected	
		PP Metals	Antinomy – 18.9	SB
			Chromium – 54.5	**10 or SB**
			Copper – 217	**25 or SB**
			Cyanide – 2.65	Site Specific
			Lead – 90.8	SB
			Mercury – 0.121	**0.1**
			Nickel – 39.6	**13 or SB**
			Silver – 7.56	SB
			Zinc – 13200	**20 or SB**
		VOC+10	**Toluene – 29.8**	**1.5**
		Pesticides	None Detected	
		Herbicides	None Detected	

NYSDEC Cleanup Limits - indicates the recommended soil cleanup objectives per NYSDEC Technical and Administrative Guidance Memorandum #4046, dated January 24, 1994.
SB – indicates Site Background
Bold indicates a result in excess of the NYSDEC Soil Cleanup Limit

TABLE 3
LIQUID SAMPLES
PP+40 SAMPLE ANALYSIS SUMMARY
July 13, 2005

Field Sample ID (Lab ID #)	Sample Location	Parameters Analyzed	Parameters Detected / Concentration (ug/l)	*NYSDEC Groundwater Standard (ug/l)
AQ-1 (25070892-010)	Oil/Water Separator Truck Dock Cendant Building	BN+15	Acenaphthene – 0.84	20
			Phenanthrene – 15	50
			Fluoranthene – 59	**50**
			Pyrene – 65	**50**
			Butylbenzylphthalate – 6.4	50
			Benzo(a)anthracene – 16	**0.002**
			Chrysene – 35	**0.002**
			bis(2-Ethylhexl)phthalate – 146	**50**
			Benzo(b)fluoranthene – 48	**0.002**
			Benzo(k)fluoranthene – 28	**0.002**
			Benzo(a)pyrene – 27	**0.002**
			Indeno(1,2,3-cd)pyrene – 9.7	**0.002**
			Benzo(g,h,i)perylene – 11	**5**
			Phenols – 0.21	1
			15 TICs (Total) – 1339	
		PCB	None Detected	
		PP Metals	Antinomy – 0.12	N/A
			Arsenic – 0.01	N/A
			Chromium – 0.12	N/A
			Copper – 0.69	N/A
			Cyanide – 0.03	N/A
			Lead – 0.12	N/A
			Nickel – 0.11	N/A
			Zinc – 2.99	N/A
		VOC+10	**Toluene – 3.0**	**1.5**
		Pesticides	None Detected	
		Herbicides	None Detected	

NYSDEC Groundwater Standards - indicates the Groundwater Standards/Criteria per NYSDEC Technical and Administrative Guidance Memorandum #4046, dated January 24, 1994.
SB – indicates Site Background
N/A – indicates not applicable
Bold indicates a result in excess of the NYSDEC Groundwater Standard/Criteria

TABLE 3 (Continued)

Field Sample ID (Lab ID #)	Sample Location	Parameters Analyzed	Parameters Detected / Concentration (ug/l)	*NYSDEC Groundwater Standard (ug/l)
AQ-2 (25070892-011)	Wooden Tank Storage Building	BN+15	bis(2-Ethylhexl)phthalate – 3.5	50
		PCB	None Detected	
		PP Metals	Copper – 0.02	N/A
			Zinc – 0.13	N/A
		VOC+10	None Detected	
		Pesticides	None Detected	
		Herbicides	None Detected	

NYSDEC Groundwater Standards - indicates the Groundwater Standards/Criteria per NYSDEC Technical and Administrative Guidance Memorandum #4046, dated January 24, 1994.
SB – indicates Site Background
N/A – indicates not applicable
Bold indicates a result in excess of the NYSDEC Groundwater Standard/Criteria

ATTACHMENT 1

PHOTOGRAPHS

Photo 1
View of the discharge pit adjacent to the sump pump in the Manufacturing Building (Sample SED-1 Location).

Photo 2
View of the discharge pit in the Manufacturing Building (Sample SED-2 Location).

Photo 3
View of the seepage/discharge pit located in the Cendant South Building Warehouse (Sample SED-3 Location).

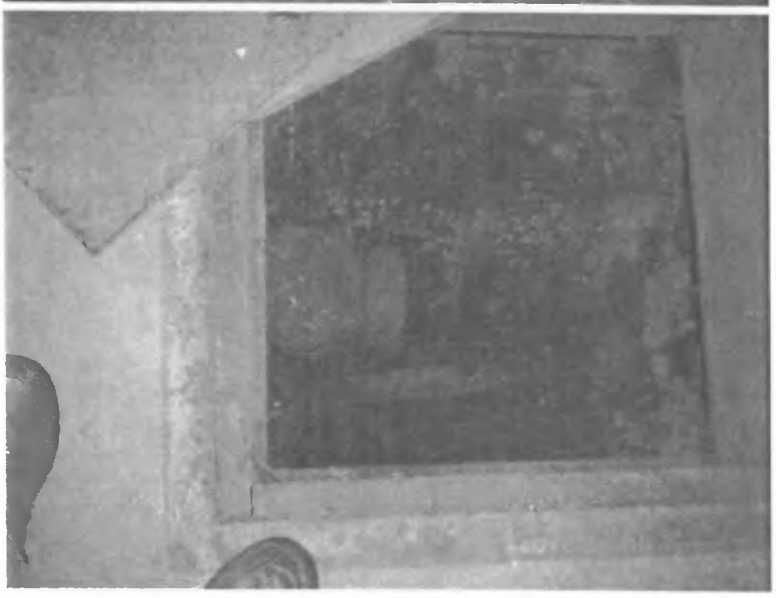


Photo 4
View of the oil/water separator located in the truck loading dock of the Cendant Building (Samples SED-4 & AQ-1 Location).

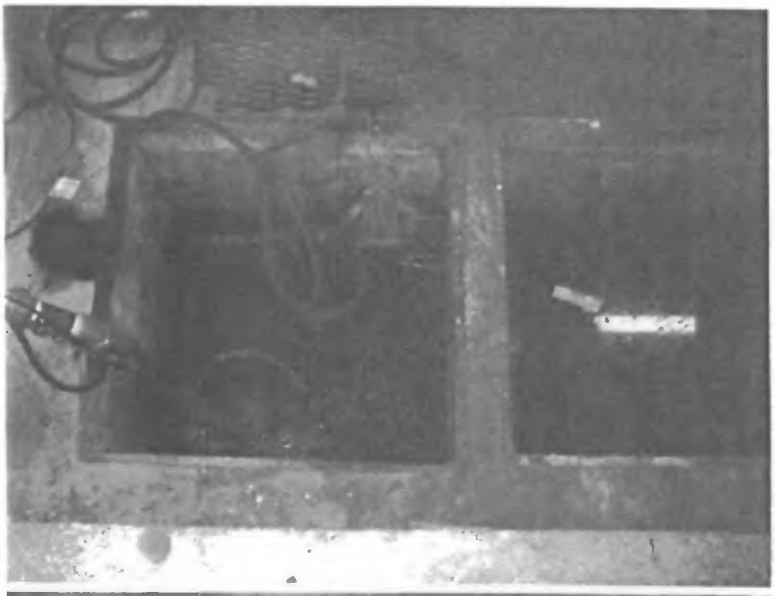


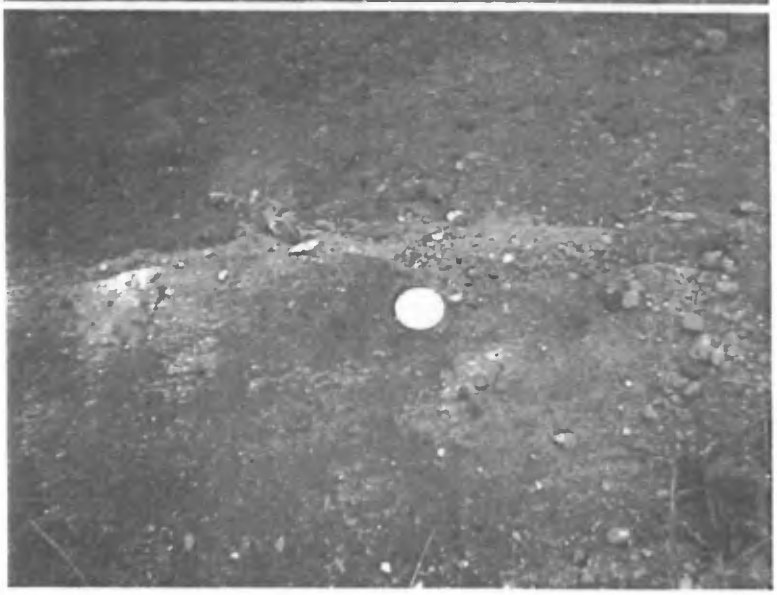
Photo 5
View of the oil/water separator and sump pump located in the truck loading dock of the Cendant Building (Samples SED-4 & AQ-1 Location).

Photo 6
View of the large wooden tank in the Storage building (Sample AQ-2 Location).

Photo 7
View of 3,000-gallon steel underground storage tank uncovered on the south side of the manufacturing building.

Photo 8
View of the exposed 3,000-gallon steel underground storage tank under concrete slab on the south side of the manufacturing building.

Photo 9
View of the exposed 2-inch diameter tank port plugged with a plastic threaded cap.



ATTACHMENT 2

FLUIDS WASTE MANIFEST

NON-HAZARDOUS WASTE MANIFEST

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

3. Generator's Name and Mailing Address: SIMON PROPERTIES, 900 OLD COUNTRY ROAD, CARLE PLACE NY

5) TRUCK #109 26678JE N.Y

4. Generator's Phone ( )

5. Transporter 1 Company Name: Action Trucking, Inc.	6. US EPA ID Number: NYD064748304	A. Transporter's Phone: (516) 781-3000
7. Transporter 2 Company Name: Terrace Transportation	8. US EPA ID Number: NYR000080549	B. Transporter's Phone: (718) 981-4800
9. Designated Facility Name and Site Address: Clean Water, 3249 Richmond Terrace, Staten Island NY 10303	10. US EPA ID Number: XX000	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 (Oil / Water)	1	TT	425	G
b.	0			
c.	0			
d.	0			

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

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: Wayne Moore As Agent For Simon Property Co | Signature: [signature] | Month Day Year: 07 13 05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: MATT HUFNAGEL | Signature: [signature] | Month Day Year: 07 13 05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: GILBERTO VELEZ | Signature: [signature] | Month Day Year: 7 29 05

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

ATTACHMENT 3

ELEMCO, ELECTRICIAN WORK AUTHORIZATION FORM

TESTING CO., INC.
elemco
"Electrical Switchgear Testing & Maintenance Specialists"

505-3 JOHNSON AVENUE
P.O. BOX 434
BOHEMIA, L.I., N.Y. 11716

(631) 589-6343
FAX (631) 589-6670
EMAIL: info@elemco.net

WORK AUTHORIZATION FOR CHANGED OR EXTRA WORK

JOB Avis Bldg, Garden City DATE 7/13/05

BILL TO Oxford Eng JOB NO. E05F037 SHEET NO.

ADDRESS

NATURE OF WORK Inspection performed in Avis Hdqtrs to verify any oil filled transformers having PCB type oil. The 3 - Atlantic 500 KVA xfrm's are Dry Type (S# 19670, 71, 72) all other transformers viewed were Dry type also.

AS DIRECTED BY Wayne Moran

QUAN.	MATERIALS	UNIT	AMOUNT
	M.A. Normandy		
	A. Digangi		

LABOR NO.	CLASS	HOURS EACH	HOURS TOTAL	HOURS TYPE	RATE	AMOUNT

SUPERVISION	
TOTAL LABOR	
TOTAL MATERIAL	
SUB-TOTAL	
FINAL TOTAL	

*** JOB PREPARATION AND TRAVEL TO AND FROM JOB SITE ARE NOT REFLECTED ON THIS JOB SHEET.**

Approved for materials and labor:-

By Wm. Wayne Moran

NOTE: Is this job completed _____ (Yes or No) 7/13/05 Date

If not _____ (Approx.) % completed

Foreman

ATTACHMENT 4

LABORATORY ANALYTICAL DATA

APL

AQUA PRO-TECH LABORATORIES

CERTIFICATIONS

NJ DEP #07010/NY DOH #11634
CT #PH-0233

ANALYTICAL RESULTS SUMMARY

Client	**Oxford Engineering Company** 336 Point Street Camden, NJ 08102	**APL Order ID Number**	**25070892**
		Date Sampled	07/12/2005 10:20
		Date Received	07/18/2005 13:20
Contact	Wayne Moran	**Matrix**	Soil
Project		**Site**	Avis Headquarters
Report Date	08/10/2005 18:17	**Customer Service Rep.**	

Sample Number/ Parameter	Method	Analysis Time	Analyst	Result	Units
25070892-001 SED-1					
Antimony	SW 846 6010B	08/01/2005 13:43	RSWAMY	10.7	mg/kg
Arsenic	SW 846 6010B	08/01/2005 13:43	RSWAMY	21.5	mg/kg
Beryllium	SW 846 6010B	08/01/2005 13:43	RSWAMY	<0.103	mg/kg
Cadmium	SW 846 6010B	08/01/2005 13:43	RSWAMY	7.40	mg/kg
Chromium	SW 846 6010B	08/01/2005 13:43	RSWAMY	69.1	mg/Kg
Copper	SW 846 6010B	08/01/2005 13:43	RSWAMY	1280	mg/kg
Cyanide	SW 846 9010B	07/26/2005 8:00	JVAGHELA	0.74	mg/Kg
GPC Cleanup	SW 846 3640A		ALLYSON	NA	
Lead	SW 846 6010B	08/01/2005 13:43	RSWAMY	323	mg/kg
Mercury	SW 846 7471A	07/25/2005 14:23	ASTOICA	0.552	mg/kg
Nickel	SW 846 6010B	08/01/2005 13:43	RSWAMY	50.8	mg/kg
PCBs	SW 846 8082		BOB	SA	
Percent Solids	Gravimetric	07/19/2005 16:50	EKNAPP	95	%
Pesticides	SW 846 8081A		BOB	SA	
Phenols	SW9065	07/28/2005 9:00	YKIZNER	<5.3	mg/Kg
Selenium	SW 846 6010B	08/01/2005 13:43	RSWAMY	<1.29	mg/kg
Semivolatile Organics	SW 846 8270C		KZIPF	SA	
Silver	SW 846 6010B	08/01/2005 13:43	RSWAMY	10.7	mg/Kg
Thallium	SW 846 6010B	08/01/2005 13:43	RSWAMY	<0.516	mg/kg
Volatile Organics	SW 846 8260B		OLGA	SA	
Zinc	SW 846 6010B	08/01/2005 15:00	RSWAMY	2010	mg/kg

SA: See attached report

Brian Wood
Laboratory Director

QA

APL
AQUA PRO-TECH LABORATORIES

CERTIFICATIONS
NJ DEP #07010/NY DOH #11634
CT #PH-0233

ANALYTICAL RESULTS SUMMARY

Client	**Oxford Engineering Company** 336 Point Street Camden, NJ 08102	**APL Order ID Number**	**25070892**
		Date Sampled	07/12/2005 10:40
		Date Received	07/18/2005 13:20
Contact	Wayne Moran	**Matrix**	Soil
Project		**Site**	Avis Headquarters
Report Date	08/10/2005 18:17	**Customer Service Rep.**	

Sample Number/ Parameter	Method	Analysis Time	Analyst	Result	Units
25070892-002 SED-2					
Antimony	SW 846 6010B	08/01/2005 13:43	RSWAMY	160	mg/kg
Arsenic	SW 846 6010B	08/01/2005 13:43	RSWAMY	9.87	mg/kg
Beryllium	SW 846 6010B	08/01/2005 13:43	RSWAMY	<0.073	mg/kg
Cadmium	SW 846 6010B	08/01/2005 13:43	RSWAMY	38.4	mg/kg
Chromium	SW 846 6010B	08/02/2005 11:35	MARK	6680	mg/Kg
Copper	SW 846 6010B	08/02/2005 11:35	MARK	8230	mg/kg
Cyanide	SW 846 9010B	07/26/2005 8:00	JVAGHELA	1.75	mg/Kg
GPC Cleanup	SW 846 3640A		ALLYSON	NA	
Lead	SW 846 6010B	08/02/2005 11:35	MARK	4510	mg/kg
Mercury	SW 846 7471A	07/25/2005 14:23	ASTOICA	5.15	mg/kg
Nickel	SW 846 6010B	08/02/2005 11:35	MARK	3310	mg/kg
PCBs	SW 846 8082		BOB	SA	
Percent Solids	Gravimetric	07/19/2005 16:50	EKNAPP	94.4	%
Pesticides	SW 846 8081A		BOB	SA	
Phenols	SW9065	07/28/2005 9:00	YKIZNER	<5.3	mg/Kg
Selenium	SW 846 6010B	08/01/2005 13:43	RSWAMY	<0.912	mg/kg
Semivolatile Organics	SW 846 8270C		KZIPF	SA	
Silver	SW 846 6010B	08/01/2005 13:43	RSWAMY	23.5	mg/Kg
Thallium	SW 846 6010B	08/01/2005 13:43	RSWAMY	<0.365	mg/kg
Volatile Organics	SW 846 8260B		OLGA	SA	
Zinc	SW 846 6010B	08/02/2005 11:35	MARK	3450	mg/kg

SA: See attached report

Brian Wood
Laboratory Director

QA

APL

AQUA PRO-TECH LABORATORIES

CERTIFICATIONS

NJ DEP #07010/NY DOH #11634
CT #PH-0233

ANALYTICAL RESULTS SUMMARY

Client	**Oxford Engineering Company** 336 Point Street Camden, NJ 08102	**APL Order ID Number**	**25070892**
		Date Sampled	07/13/2005 11:51
		Date Received	07/18/2005 13:20
Contact	Wayne Moran	**Matrix**	Soil
Project		**Site**	Avis Headquarters
Report Date	08/10/2005 18:17	**Customer Service Rep.**	

Sample Number/ Parameter	Method	Analysis Time	Analyst	Result	Units
25070892-003 SED-3					
Antimony	SW 846 6010B	08/01/2005 13:43	RSWAMY	7.56	mg/kg
Arsenic	SW 846 6010B	08/01/2005 13:43	RSWAMY	<0.286	mg/kg
Beryllium	SW 846 6010B	08/01/2005 13:43	RSWAMY	0.20	mg/kg
Cadmium	SW 846 6010B	08/01/2005 13:43	RSWAMY	11.6	mg/kg
Chromium	SW 846 6010B	08/01/2005 13:43	RSWAMY	194	mg/Kg
Copper	SW 846 6010B	08/02/2005 14:04	MARK	1480	mg/kg
Cyanide	SW 846 9010B	07/26/2005 8:00	JVAGHELA	<0.35	mg/Kg
GPC Cleanup	SW 846 3640A		ALLYSON	NA	
Lead	SW 846 6010B	08/01/2005 13:43	RSWAMY	159	mg/kg
Mercury	SW 846 7471A	07/25/2005 14:23	ASTOICA	0.084	mg/kg
Nickel	SW 846 6010B	08/01/2005 13:43	RSWAMY	66.5	mg/kg
PCBs	SW 846 8082		BOB	SA	
Percent Solids	Gravimetric	07/19/2005 16:50	EKNAPP	71.2	%
Pesticides	SW 846 8081A		BOB	SA	
Phenols	SW9065	07/28/2005 9:00	YKIZNER	7.44	mg/Kg
Selenium	SW 846 6010B	08/01/2005 13:43	RSWAMY	<0.895	mg/kg
Semivolatile Organics	SW 846 8270C		KZIPF	SA	
Silver	SW 846 6010B	08/01/2005 13:43	RSWAMY	<1.07	mg/Kg
Thallium	SW 846 6010B	08/01/2005 13:43	RSWAMY	<0.358	mg/kg
Volatile Organics	SW 846 8260B		OLGA	SA	
Zinc	SW 846 6010B	08/01/2005 13:43	RSWAMY	443	mg/kg

SA: See attached report

Brian Wood
Laboratory Director

QA

APL

AQUA PRO-TECH LABORATORIES

CERTIFICATIONS

NJ DEP #07010/NY DOH #11634
CT #PH-0233

ANALYTICAL RESULTS SUMMARY

Client	**Oxford Engineering Company** 336 Point Street Camden, NJ 08102	**APL Order ID Number**	**25070892**
		Date Sampled	07/13/2005 12:19
		Date Received	07/18/2005 13:20
Contact	Wayne Moran	**Matrix**	Soil
Project		**Site**	Avis Headquarters
Report Date	08/10/2005 18:17	**Customer Service Rep.**	

Sample Number/ Parameter	Method	Analysis Time	Analyst	Result	Units
25070892-004 SED-4					
Antimony	SW 846 6010B	08/01/2005 13:43	RSWAMY	18.9	mg/kg
Arsenic	SW 846 6010B	08/01/2005 13:43	RSWAMY	<0.603	mg/kg
Beryllium	SW 846 6010B	08/01/2005 13:43	RSWAMY	<0.151	mg/kg
Cadmium	SW 846 6010B	08/01/2005 13:43	RSWAMY	<0.151	mg/kg
Chromium	SW 846 6010B	08/01/2005 13:43	RSWAMY	54.5	mg/Kg
Copper	SW 846 6010B	08/01/2005 13:43	RSWAMY	217	mg/kg
Cyanide	SW 846 9010B	07/26/2005 11:30	JVAGHELA	2.65	mg/Kg
GPC Cleanup	SW 846 3640A		ALLYSON	NA	
Lead	SW 846 6010B	08/01/2005 13:43	RSWAMY	90.8	mg/kg
Mercury	SW 846 7471A	07/25/2005 14:23	ASTOICA	0.121	mg/kg
Nickel	SW 846 6010B	08/01/2005 13:43	RSWAMY	39.6	mg/kg
PCBs	SW 846 8082		BOB	SA	
Percent Solids	Gravimetric	07/19/2005 16:50	EKNAPP	55.7	%
Pesticides	SW 846 8081A		BOB	SA	
Phenols	SW9065	07/28/2005 9:00	YKIZNER	31.2	mg/Kg
Selenium	SW 846 6010B	08/01/2005 13:43	RSWAMY	<1.88	mg/kg
Semivolatile Organics	SW 846 8270C		KZIPF	SA	
Silver	SW 846 6010B	08/01/2005 13:43	RSWAMY	7.56	mg/Kg
Thallium	SW 846 6010B	08/01/2005 13:43	RSWAMY	<0.754	mg/kg
Volatile Organics	SW 846 8260B		OLGA	SA	
Zinc	SW 846 6010B	08/02/2005 14:04	MARK	13200	mg/kg

SA: See attached report

Brian Wood
Laboratory Director

QA

APL
AQUA PRO-TECH LABORATORIES

CERTIFICATIONS
NJ DEP 07010 / NY DOH 11634 / CT PH-0233
US ARMY CORPS (USACE)

ANALYTICAL RESULTS SUMMARY

Client	**Oxford Engineering Company** 336 Point Street Camden, NJ 08102	**APL Order ID Number**	**25070892**
		Date Sampled	07/13/2005 10:00
		Date Received	07/18/2005 13:20
Contact	Wayne Moran	**Matrix**	Wastewater
Project		**Site**	Avis Headquarters
Report Date	08/10/2005 18:18	**Customer Service Rep.**	

Sample Number/ Parameter	Method	Analysis Time	Analyst	Result	Units	MDL
25070892-010 AQ-1						
Antimony	EPA 200.7	07/25/2005 15:12	MARK	0.120	mg/L	0.02
Arsenic	EPA 200.7	07/25/2005 15:12	MARK	0.01	mg/L	0.008
Beryllium	EPA 200.7	07/25/2005 15:12	MARK	<0.002	mg/L	0.002
Cadmium	EPA 200.7	07/25/2005 15:12	MARK	<0.002	mg/L	0.002
Chromium	EPA 200.7	07/25/2005 15:12	MARK	0.12	mg/L	0.01
Copper	EPA 200.7	07/25/2005 15:12	MARK	0.69	mg/L	0.01
Cyanide	EPA335.2/SM4500CN-E	07/27/2005 11:00	JVAGHELA	0.03	mg/L	0.01
Lead	EPA 200.7	07/25/2005 15:12	MARK	0.12	mg/L	0.01
Mercury	EPA 245.1	07/26/2005 13:00	ASTOICA	<0.0005	mg/L	0.0005
Nickel	EPA 200.7	07/25/2005 15:12	MARK	0.11	mg/L	0.005
PCBs	EPA 608		BOB	SA		
Pesticides	EPA 608		BOB	SA		
Phenols	EPA420.1/SM5530 D	07/28/2005 9:00	YKIZNER	0.21	mg/L	0.05
Selenium	EPA 200.7	07/25/2005 15:12	MARK	<0.025	mg/L	0.025
Semivolatile Organics	EPA 625		SUDIP	SA		
Silver	EPA 200.7	07/25/2005 15:12	MARK	<0.03	mg/L	0.03
Thallium	EPA 200.7	07/25/2005 15:12	MARK	<0.01	mg/L	0.01
Volatile Organics	EPA 624		VPAREKH	SA		
Zinc	EPA 200.7	07/25/2005 15:12	MARK	2.99	mg/L	0.03

SA: See attached report

Brian Wood

Brian Wood
Laboratory Director

QA

APL
AQUA PRO-TECH LABORATORIES

CERTIFICATIONS
NJ DEP 07010 / NY DOH 11634 / CT PH-0233
US ARMY CORPS (USACE)

ANALYTICAL RESULTS SUMMARY

Client	**Oxford Engineering Company** 336 Point Street Camden, NJ 08102	**APL Order ID Number**	**25070892**
		Date Sampled	07/13/2005 15:35
		Date Received	07/18/2005 13:20
Contact	Wayne Moran	**Matrix**	Wastewater
Project		**Site**	Avis Headquarters
Report Date	08/10/2005 18:18	**Customer Service Rep.**	

Sample Number/ Parameter	Method	Analysis Time	Analyst	Result	Units	MDL
25070892-011 AQ-2						
Antimony	EPA 200.7	07/22/2005 15:00	MARK	<0.02	mg/L	0.02
Arsenic	EPA 200.7	07/22/2005 15:00	MARK	<0.008	mg/L	0.008
Beryllium	EPA 200.7	07/22/2005 15:00	MARK	<0.002	mg/L	0.002
Cadmium	EPA 200.7	07/22/2005 15:00	MARK	<0.002	mg/L	0.002
Chromium	EPA 200.7	07/22/2005 15:00	MARK	<0.01	mg/L	0.01
Copper	EPA 200.7	07/22/2005 15:00	MARK	0.02	mg/L	0.01
Cyanide	EPA335.2/SM4500CN-E	07/27/2005 11:00	JVAGHELA	<0.01	mg/L	0.01
Lead	EPA 200.7	07/22/2005 15:00	MARK	<0.01	mg/L	0.01
Mercury	EPA 245.1	07/26/2005 13:00	ASTOICA	<0.0005	mg/L	0.0005
Nickel	EPA 200.7	07/22/2005 15:00	MARK	<0.005	mg/L	0.005
PCBs	EPA 608		BOB	SA		
Pesticides	EPA 608		BOB	SA		
Phenols	EPA420.1/SM5530 D	07/28/2005 9:00	YKIZNER	<0.05	mg/L	0.05
Selenium	EPA 200.7	07/22/2005 15:00	MARK	<0.025	mg/L	0.025
Semivolatile Organics	EPA 625		SUDIP	SA		
Silver	EPA 200.7	07/22/2005 15:00	MARK	<0.03	mg/L	0.03
Thallium	EPA 200.7	07/22/2005 15:00	MARK	<0.01	mg/L	0.01
Volatile Organics	EPA 624		VPAREKH	SA		
Zinc	EPA 200.7	07/22/2005 15:00	MARK	0.13	mg/L	0.03

SA: See attached report

Brian Wood

Brian Wood
Laboratory Director

QA

APL
AQUA PRO-TECH LABORATORIES

CERTIFICATIONS
NJ DEP #07010/NY DOH #11634
CT #PH-0233

ANALYTICAL RESULTS SUMMARY

Client	**Oxford Engineering Company** 336 Point Street Camden, NJ 08102	**APL Order ID Number**	**25070892**
		Date Sampled	07/12/2005 13:38
		Date Received	07/18/2005 13:20
Contact	Wayne Moran	**Matrix**	Oil
Project		**Site**	Avis Headquarters
Report Date	08/10/2005 18:18	**Customer Service Rep.**	

Sample Number/ Parameter		Method	Analysis Time	Analyst	Result	Units
25070892-005	HF-1					
PCBs		SW846 8082		BOB	SA	
25070892-006	HF-2					
PCBs		SW846 8082		BOB	SA	
25070892-007	HF-3					
PCBs		SW846 8082		BOB	SA	
25070892-008	HF-4					
PCBs		SW846 8082		BOB	SA	
25070892-009	HF-5					
PCBs		SW846 8082		BOB	SA	

SA: See attached report

Brian Wood
Laboratory Director

QA

APL
AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

1275 BLOOMFIELD AVENUE • BUILDING 6
FAIRFIELD, NEW JERSEY 07004

TEL: 973.227.0422
FAX: 973.227.2813
www.aquaprotechlabs.com

CONTAMINATION LEVEL
☐ HIGH ☒ MEDIUM ☐ LOW

CUSTOMER: OXFORD ENGINEERING CO.	SEND REPORT TO: OEC
ADDRESS: 336 POINT STREET	ADDRESS: SAME
CAMDEN, N.J. 08102	
PHONE: 856-541-0700	PHONE:
FAX: 856-541-0505	FAX: SAME
PROJECT NAME: AVIS HEADQUARTERS	SEND INVOICE TO: SAME
PROJECT MGR: WAYNE MORAN	ADDRESS:
P.O. NUMBER 05-044	SAMPLED BY: WAYNE MORAN

CHAIN OF CUSTODY
PAGE 1 OF 2

TURNAROUND TIME
☒ APL STANDARD is 2 weeks
☐ RUSH turnaround available upon request and lab approval

REPORT FORMAT
☒ RESULTS ONLY NEW YORK
☐ NJ DEP REDUCED DELIVERABLES
☐ NJ DEP FULL DELIVERABLES
☐ ELECTRONIC DATA DELIVERY
SRP#
☐ STATE FORMS NEEDED

MATRIX ABBREVIATIONS: D - DRINKING WATER G - GROUNDWATER W - WASTEWATER S - SOIL SL - SLUDGE P - POOL L - LAKE

APL LAB ID#	SAMPLE SOURCE: FIELD ID	DATE	TIME	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX	NO. OF BOTTLES	PRESERVATIVE	ANALYSIS REQUESTED
25010892-001	SED-1	7/12/05	10:55		X	S	1	None	PP+40
002	SED-2	7/12/05	10:40		X	S	1	None	PP+40
003	SED-3	7/13/05	11:51		X	S	1	None	PP+40
004	SED-4	7/13/05	12:19		X	S	1	None	PP+40

RELINQUISHED BY (Print) Julian Neal	DATE 7:18:05	RECEIVED BY (Print) PAUL DEFRANCESCO	DATE 7:18:05
Signature/Agent of:	Time 10:61 AM PM	Signature/Agent of:	Time 11:0 AM PM
RELINQUISHED BY (Print) PAUL DEFRANCESCO	DATE 7:18:05	RECEIVED BY (Print) Cat Valencia	DATE 7:18:05
Signature/Agent of:	Time 1:30 AM PM	Signature/Agent of:	Time 3:25 AM PM
RELINQUISHED BY (Print)	DATE : :	RECEIVED BY (Print)	DATE : :
Signature/Agent of:	Time : AM PM	Signature/Agent of:	Time : AM PM

COMMENTS/SPECIAL INSTRUCTIONS
SAMPLE SED-4 IS WET AND POSSIBLY HIGH CONTAMINATION LEVEL

Cooler Temp. upon receipt at lab 4°C

CERTIFICATIONS: NELAP (National Environmental Laboratory Accredation Program) NJDEP #07010 NYDOH #11634 CTPH #0233 US ARMY
By signing this Chain of Custody Agreement, customer expressly agrees to pay APL for all charges, reasonably incurred in connection with analysis and reporting for your sample

APL
AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

1275 BLOOMFIELD AVENUE • BUILDING 6
FAIRFIELD, NEW JERSEY 07004

TEL: 973.227.0422
FAX: 973.227.2813
www.aquaprotechlabs.com

CONTAMINATION LEVEL
☐ HIGH ☒ MEDIUM ☐ LOW

CUSTOMER: OXFORD ENGINEERING CO.	SEND REPORT TO: OEC
ADDRESS: 336 POINT STREET	ADDRESS: SAME
CAMDEN, N.J. 08102	
PHONE: 856-541-0700	PHONE:
FAX: 856-541-0505	FAX: SAME
PROJECT NAME: AVIS HEADQUARTERS	SEND INVOICE TO: SAME
PROJECT MGR: WAYNE MURIN	ADDRESS:
P.O. NUMBER 05-044	SAMPLED BY: WAYNE MURIN

CHAIN OF CUSTODY
PAGE 2 OF 3

TURNAROUND TIME
☒ APL STANDARD is 2 weeks
☐ RUSH turnaround available upon request and lab approval _____

REPORT FORMAT
☒ RESULTS ONLY NEW YORK
☐ NJ DEP REDUCED DELIVERABLES
☐ NJ DEP FULL DELIVERABLES
☐ ELECTRONIC DATA DELIVERY
SRP# _____
☐ STATE FORMS NEEDED

MATRIX ABBREVIATIONS: D - DRINKING WATER G - GROUNDWATER W - WASTEWATER S - SOIL SL - SLUDGE P - POOL L - LAKE O - OIL

APL LAB ID#	SAMPLE SOURCE: FIELD ID	DATE	TIME	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX	NO. OF BOTTLES	PRESERVATIVE	ANALYSIS REQUESTED
2T070892-005	HF-1	7/12/05	[illegible]	X		O	1	NONE	PCB
006	HF-2	7/12/05	13:54	X		O	1	NONE	PCB
007	HF-3	7/14/05	14:08	X		O	1	NONE	PCB
008	HF-4	7/14/05	14:37	X		O	1	NONE	PCB
009	HF-5	7/12/05	14:53	X		O	1	NONE	PCB

RELINQUISHED BY (Print) Julian Heal	DATE 7:18:05	RECEIVED BY (Print) PAUL DEFRANCESCO	DATE 7.18.05
Signature/Agent of: [signature]	Time 10:01 AM PM	Signature/Agent of: Paul DeFrancesco/APL	Time 1001 AM PM
RELINQUISHED BY (Print) PAUL DEFRANCESCO	DATE 7:18:05	RECEIVED BY (Print) Cesar Valencia	DATE 7/18/05
Signature/Agent of: Paul DeFrancesco	Time 1320 AM PM	Signature/Agent of: [signature]	Time 1320 AM PM
RELINQUISHED BY (Print)	DATE : :	RECEIVED BY (Print)	DATE : :
Signature/Agent of:	Time : AM PM	Signature/Agent of:	Time : AM PM

COMMENTS/SPECIAL INSTRUCTIONS

Cooler Temp. upon receipt at lab 4°C

CERTIFICATIONS: NELAP (National Environmental Laboratory Accredation Program) NJDEP #07010 NYDOH #11634 CTPH #0233 US ARMY
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FAIRFIELD, NEW JERSEY 07004

TEL: 973.227.0422
FAX: 973.227.2813
www.aquaprotechlabs.com

CONTAMINATION LEVEL
☐ HIGH ☒ MEDIUM ☐ LOW

CUSTOMER: Oxford Engineering Co.	SEND REPORT TO: OEC
ADDRESS: 336 Point Street	ADDRESS: Same
Camden, NJ. 08102	
PHONE: 856-541-0700	PHONE: Same
FAX: 856-541-0505	FAX:
PROJECT NAME: Avis Headquarters	SEND INVOICE TO: Same
PROJECT MGR: Wayne Moran	ADDRESS:
P.O. NUMBER 05-044	SAMPLED BY: Wayne Moran

CHAIN OF CUSTODY
PAGE 2 OF 3

TURNAROUND TIME
☒ APL STANDARD is 2 weeks
☐ RUSH turnaround available upon request and lab approval

REPORT FORMAT
☒ RESULTS ONLY New York
☐ NJ DEP REDUCED DELIVERABLES
☐ NJ DEP FULL DELIVERABLES
☐ ELECTRONIC DATA DELIVERY
SRP#
☐ STATE FORMS NEEDED

MATRIX ABBREVIATIONS: D - DRINKING WATER G - GROUNDWATER W - WASTEWATER S - SOIL SL - SLUDGE P - POOL L - LAKE

APL LAB ID#	SAMPLE SOURCE: FIELD ID	DATE	TIME	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX	NO. OF BOTTLES	PRESERVATIVE	ANALYSIS REQUESTED
25070892-010	AQ-1	7/13/05	10:00	X		W	9	*	PP+40
011	AQ-2	7/13/05	15:35	X		W	9	*	PP+40

RELINQUISHED BY (Print) Julian Hegl	DATE 7:18:05	RECEIVED BY (Print) PAUL DEFRANCESCO	DATE 7:18:05
Signature/Agent of: [signature]	Time 10:01 AM	Signature/Agent of: Paul DeFrancesco / APL	Time 10:01 AM
RELINQUISHED BY (Print) PAUL DEFRANCESCO	DATE 7:18:05	RECEIVED BY (Print) Cesar Valencia	DATE 7:18:05
Signature/Agent of: Paul DeFrancesco	Time 3:22 PM	Signature/Agent of: [signature]	Time 3:22 PM
RELINQUISHED BY (Print)	DATE : :	RECEIVED BY (Print)	DATE : :
Signature/Agent of:	Time : AM PM	Signature/Agent of:	Time : AM PM

COMMENTS/SPECIAL INSTRUCTIONS
* Preservatives marked on sample bottles.
Includes: HCl; H_2SO_4; HNO_3; NaOH

Cooler Temp. upon receipt at lab 4°C

CERTIFICATIONS: NELAP (National Environmental Laboratory Accredation Program) . NJDEP #07010 NYDOH #11634 CTPH #0233 US ARMY
By signing this Chain of Custody Agreement, customer expressly agrees to pay APL for all charges, reasonably incurred in connection with analysis and reporting for your sample

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 S

Client:	Oxford Engineering	**Lab Sample ID:**	25070892-1
Project:	Avis Headq.	**GC Run ID:**	GC25791
Sample ID:	SED-1	**Extraction Date:**	7/20/05
Date Sampled:	7/12/05	**Sample Wt /Vol:**	30.1 g
Matrix: (soil/water):	Soil	**Final Volume (ml):**	10
% Moisture:	5%		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	3.71	34.6	U	7/25/05	1
Aroclor 1221	ND	4.68	34.6	U	7/25/05	1
Aroclor 1232	ND	5.51	34.6	U	7/25/05	1
Aroclor 1242	ND	2.55	34.6	U	7/25/05	1
Aroclor 1248	ND	1.76	34.6	U	7/25/05	1
Aroclor 1254	ND	3.92	34.6	U	7/25/05	1
Aroclor 1260	ND	3.76	34.6	U	7/25/05	1

Qualifiers:

U - compound not detected at the specified detection limit

J - below PQL

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 S

Client:	Oxford Engineering	**Lab Sample ID:**	25070892-2
Project:	Avis Headq.	**GC Run ID:**	GC25792
Sample ID:	SED-2	**Extraction Date:**	7/20/05
Date Sampled:	7/12/05	**Sample Wt /Vol:**	30 g
Matrix: (soil/water):	Soil	**Final Volume (ml):**	10
% Molsture:	6%		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	3.75	35	U	7/25/05	1
Aroclor 1221	ND	4.73	35	U	7/25/05	1
Aroclor 1232	ND	5.57	35	U	7/25/05	1
Aroclor 1242	ND	2.57	35	U	7/25/05	1
Aroclor 1248	ND	1.77	35	U	7/25/05	1
Aroclor 1254	ND	3.96	35	U	7/25/05	1
Aroclor 1260	ND	3.8	35	U	7/25/05	1

Qualifiers:

U - compound not detected at the specified detection limit

J - below PQL

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 S

Client:	Oxford Engineering	**Lab Sample ID:**	25070892-3
Project:	Avis Headquarters	**GC Run ID:**	GC25796, GC26158
Sample ID:	SED-3	**Extraction Date:**	7/20/05
Date Sampled:	7/13/05	**Sample Wt /Vol:**	30 g
Matrix: (soil/water):	Soil	**Final Volume (ml):**	10
% Moisture:	29%		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	4.97	46.3	U	7/25/05	1
Aroclor 1221	ND	6.27	46.3	U	7/25/05	1
Aroclor 1232	ND	7.38	46.3	U	7/25/05	1
Aroclor 1242	ND	3.41	46.3	U	7/25/05	1
Aroclor 1248	ND	2.35	46.3	U	7/25/05	1
Aroclor 1254	ND	5.25	46.3	U	7/25/05	1
Aroclor 1260	48300	1000	9260	D	8/4/05	200

Qualifiers:

U - compound not detected at the specified detection limit

J - below PQL

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 S

Client:	Oxford Engineering	**Lab Sample ID:**	25070892-4
Project:	Avis Headq.	**GC Run ID:**	GC25793
Sample ID:	SED-4	**Extraction Date:**	7/20/05
Date Sampled:	7/13/05	**Sample Wt /Vol:**	15 g
Matrix: (soil/water):	Soil	**Final Volume (ml):**	10
% Moisture:	44%		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	12.7	118	U	7/25/05	1
Aroclor 1221	ND	16	118	U	7/25/05	1
Aroclor 1232	ND	18.9	118	U	7/25/05	1
Aroclor 1242	ND	8.71	118	U	7/25/05	1
Aroclor 1248	ND	6.01	118	U	7/25/05	1
Aroclor 1254	ND	13.4	118	U	7/25/05	1
Aroclor 1260	ND	12.9	118	U	7/25/05	1

Qualifiers:

U - compound not detected at the specified detection limit

J - below PQL

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 S

Client:	Oxford Engineering	**Lab Sample ID:**	25070892-5
Project:	Avis Headquarters	**GC Run ID:**	GC25955
Sample ID:	HF-1	**Extraction Date:**	7/25/05
Date Sampled:	7/12/05	**Sample Wt /Vol:**	1 g
Matrix: (soil/water):	Oil	**Final Volume (ml):**	10
% Moisture:	NA		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	35.4	500	U	7/29/05	1
Aroclor 1221	ND	44.6	500	U	7/29/05	1
Aroclor 1232	ND	52.5	500	U	7/29/05	1
Aroclor 1242	ND	24.3	500	U	7/29/05	1
Aroclor 1248	ND	16.7	500	U	7/29/05	1
Aroclor 1254	ND	37.3	500	U	7/29/05	1
Aroclor 1260	ND	35.8	500	U	7/29/05	1

Qualifiers:

U - compound not detected at the specified detection limit

J - below PQL

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 S

Client:	Oxford Engineering	**Lab Sample ID:**	25070892-6
Project:	Avis Headquarters	**GC Run ID:**	GC25959
Sample ID:	HF-2	**Extraction Date:**	7/25/05
Date Sampled:	7/12/05	**Sample Wt /Vol:**	1 g
Matrix: (soil/water):	Oil	**Final Volume (ml):**	10
% Moisture:	NA		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	35.4	500	U	7/29/05	1
Aroclor 1221	ND	44.6	500	U	7/29/05	1
Aroclor 1232	ND	52.5	500	U	7/29/05	1
Aroclor 1242	ND	24.3	500	U	7/29/05	1
Aroclor 1248	ND	16.7	500	U	7/29/05	1
Aroclor 1254	ND	37.3	500	U	7/29/05	1
Aroclor 1260	ND	35.8	500	U	7/29/05	1

Qualifiers:

U - compound not detected at the specified detection limit

J - below PQL

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 S

Client:	Oxford Engineering	**Lab Sample ID:**	25070892-7
Project:	Avis Headquarters	**GC Run ID:**	GC25957
Sample ID:	HF-3	**Extraction Date:**	7/25/05
Date Sampled:	7/12/05	**Sample Wt /Vol:**	1 g
Matrix: (soil/water):	Oil	**Final Volume (ml):**	10
% Moisture:	NA		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	35.4	500	U	7/29/05	1
Aroclor 1221	ND	44.6	500	U	7/29/05	1
Aroclor 1232	ND	52.5	500	U	7/29/05	1
Aroclor 1242	ND	24.3	500	U	7/29/05	1
Aroclor 1248	ND	16.7	500	U	7/29/05	1
Aroclor 1254	ND	37.3	500	U	7/29/05	1
Aroclor 1260	ND	35.8	500	U	7/29/05	1

Qualifiers:

U - compound not detected at the specified detection limit

J - below PQL

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 S

Client:	Oxford Engineering	**Lab Sample ID:**	25070892-8
Project:	Avis Headquarters	**GC Run ID:**	GC25956
Sample ID:	HF-4	**Extraction Date:**	7/25/05
Date Sampled:	7/12/05	**Sample Wt /Vol:**	1 g
Matrix: (soil/water):	Oil	**Final Volume (ml):**	10
% Moisture:	NA		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	35.4	500	U	7/29/05	1
Aroclor 1221	ND	44.6	500	U	7/29/05	1
Aroclor 1232	ND	52.5	500	U	7/29/05	1
Aroclor 1242	ND	24.3	500	U	7/29/05	1
Aroclor 1248	ND	16.7	500	U	7/29/05	1
Aroclor 1254	ND	37.3	500	U	7/29/05	1
Aroclor 1260	ND	35.8	500	U	7/29/05	1

Qualifiers:

U - compound not detected at the specified detection limit

J - below PQL

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 S

Client:	Oxford Engineering	**Lab Sample ID:**	25070892-9
Project:	Avis Headquarters	**GC Run ID:**	GC26154
Sample ID:	HF-5	**Extraction Date:**	7/25/05
Date Sampled:	7/12/05	**Sample Wt /Vol:**	1 g
Matrix: (soil/water):	Oil	**Final Volume (ml):**	10
% Moisture:	NA		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	35.4	500	U	8/4/05	1
Aroclor 1221	ND	44.6	500	U	8/4/05	1
Aroclor 1232	ND	52.5	500	U	8/4/05	1
Aroclor 1242	ND	24.3	500	U	8/4/05	1
Aroclor 1248	ND	16.7	500	U	8/4/05	1
Aroclor 1254	ND	37.3	500	U	8/4/05	1
Aroclor 1260	ND	35.8	500	U	8/4/05	1

Qualifiers:

U - compound not detected at the specified detection limit

J - below PQL

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PESTICIDE/PCB ANALYTICAL REPORT
Method 608 L

Client:	Oxford Engineering	**Lab Sample ID:**	25070892-10
Project:	Avis Headquarters	**GC Run ID:**	GC25739
Sample ID:	AQ-1	**Extraction Date:**	7/20/05
Date Sampled:	7/13/05	**Sample Wt /Vol:**	500
Matrix: (soil/water)	Water	**Final Volume (ml):**	10
% Moisture:	NA		
Concentration Units:	µg/L		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	0.154	1	U	7/23/05	1
Aroclor 1221	ND	0.38	1	U	7/23/05	1
Aroclor 1232	ND	0.367	1	U	7/23/05	1
Aroclor 1242	ND	0.162	1	U	7/23/05	1
Aroclor 1248	ND	0.051	1	U	7/23/05	1
Aroclor 1254	ND	0.516	1	U	7/23/05	1
Aroclor 1260	ND	0.257	1	U	7/23/05	1

Qualifiers:

U - compound not detected at the specified detection limit

J - below MDL

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PESTICIDE/PCB ANALYTICAL REPORT
Method 608 L

Client:	Oxford Engineering	**Lab Sample ID:**	25070892-11
Project:	Avis Headquarters	**GC Run ID:**	GC25731
Sample ID:	AQ-2	**Extraction Date:**	7/20/05
Date Sampled:	7/13/05	**Sample Wt /Vol:**	1000
Matrix: (soil/water)	Water	**Final Volume (ml):**	10
% Moisture:	NA		
Concentration Units:	µg/L		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	0.077	0.5	U	7/23/05	1
Aroclor 1221	ND	0.19	0.5	U	7/23/05	1
Aroclor 1232	ND	0.183	0.5	U	7/23/05	1
Aroclor 1242	ND	0.081	0.5	U	7/23/05	1
Aroclor 1248	ND	0.025	0.5	U	7/23/05	1
Aroclor 1254	ND	0.258	0.5	U	7/23/05	1
Aroclor 1260	ND	0.129	0.5	U	7/23/05	1

Qualifiers:

U - compound not detected at the specified detection limit

J - below MDL

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PESTICIDE ANALYTICAL REPORT
Method 8081 S

Client:	Oxford Engineering	**Lab Sample ID:**	25070892-1
Project:	Avis Headquarters	**GC Run ID:**	GC25754
Sample ID:	SED-1	**Extraction Date:**	7/20/05
Date Sampled:	7/12/05	**Sample Wt /Vol:**	30.1 g
Matrix: (soil/water)	Soil	**Final Volume (ml):**	10
% Moisture:	5%		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
alpha-BHC	ND	0.418	3.46	U	7/23/05	1
beta-BHC	ND	0.407	3.46	U	7/23/05	1
gamma-BHC (Lindane)	ND	0.323	3.46	U	7/23/05	1
delta-BHC	ND	0.314	3.46	U	7/23/05	1
Aldrin	ND	0.348	3.46	U	7/23/05	1
Heptachlor	ND	0.48	3.46	U	7/23/05	1
Heptachlor Epoxide	ND	0.526	3.46	U	7/23/05	1
Endosulfan I	ND	0.583	3.46	U	7/23/05	1
Endosulfan II	ND	0.392	3.46	U	7/23/05	1
4,4'-DDE	ND	0.369	3.46	U	7/23/05	1
4,4'-DDD	ND	0.234	3.46	U	7/23/05	1
4,4'-DDT	ND	0.402	3.46	U	7/23/05	1
Dieldrin	ND	0.422	3.46	U	7/23/05	1
Endrin	ND	0.405	3.46	U	7/23/05	1
Endrin Aldehyde	ND	0.868	3.46	U	7/23/05	1
Endrin Ketone	ND	0.376	3.46	U	7/23/05	1
Endosulfan Sulfate	ND	0.371	3.46	U	7/23/05	1
Methoxychlor	ND	0.472	3.46	U	7/23/05	1
Chlordane	ND	0.805	3.46	U	7/23/05	1
Toxaphene	ND	5.7	34.6	U	7/23/05	1

Qualifiers:

U - compound not detected at the specified quantitation limit
J - below PQL
D - concentration taken from diluted analysis

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PESTICIDE ANALYTICAL REPORT
Method 8081 S

Client:	Oxford Engineering	**Lab Sample ID:**	25070892-2
Project:	Avis Headq.	**GC Run ID:**	GC25755
Sample ID:	SED-2	**Extraction Date:**	7/20/05
Date Sampled:	7/12/05	**Sample Wt /Vol:**	30 g
Matrix: (soil/water)	Soil	**Final Volume (ml):**	10
% Moisture:	6%		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
alpha-BHC	ND	0.422	3.5	U	7/23/05	1
beta-BHC	ND	0.411	3.5	U	7/23/05	1
gamma-BHC (Lindane)	ND	0.327	3.5	U	7/23/05	1
delta-BHC	ND	0.317	3.5	U	7/23/05	1
Aldrin	ND	0.351	3.5	U	7/23/05	1
Heptachlor	ND	0.485	3.5	U	7/23/05	1
Heptachlor Epoxide	ND	0.531	3.5	U	7/23/05	1
Endosulfan I	ND	0.588	3.5	U	7/23/05	1
Endosulfan II	ND	0.396	3.5	U	7/23/05	1
4,4'-DDE	ND	0.373	3.5	U	7/23/05	1
4,4'-DDD	ND	0.236	3.5	U	7/23/05	1
4,4'-DDT	ND	0.405	3.5	U	7/23/05	1
Dieldrin	ND	0.426	3.5	U	7/23/05	1
Endrin	ND	0.409	3.5	U	7/23/05	1
Endrin Aldehyde	ND	0.877	3.5	U	7/23/05	1
Endrin Ketone	ND	0.38	3.5	U	7/23/05	1
Endosulfan Sulfate	ND	0.374	3.5	U	7/23/05	1
Methoxychlor	ND	0.476	3.5	U	7/23/05	1
Chlordane	ND	0.813	3.5	U	7/23/05	1
Toxaphene	ND	5.75	35	U	7/23/05	1

Qualifiers:

U - compound not detected at the specified quantitation limit
J - below PQL
D - concentration taken from diluted analysis

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PESTICIDE ANALYTICAL REPORT
Method 8081 S

Client:	Oxford Engineering	**Lab Sample ID:**	25070892-3
Project:	Avis Headquarters	**GC Run ID:**	GC26136
Sample ID:	SED-3	**Extraction Date:**	7/20/05
Date Sampled:	7/13/05	**Sample Wt /Vol:**	30 g
Matrix: (soil/water)	Soil	**Final Volume (ml):**	10
% Moisture:	29%		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
alpha-BHC	ND	0.559	4.63	U	8/3/05	1
beta-BHC	ND	0.545	4.63	U	8/3/05	1
gamma-BHC (Lindane)	ND	0.433	4.63	U	8/3/05	1
delta-BHC	ND	0.42	4.63	U	8/3/05	1
Aldrin	ND	0.466	4.63	U	8/3/05	1
Heptachlor	ND	0.643	4.63	U	8/3/05	1
Heptachlor Epoxide	ND	0.704	4.63	U	8/3/05	1
Endosulfan I	ND	0.78	4.63	U	8/3/05	1
Endosulfan II	ND	0.524	4.63	U	8/3/05	1
4,4'-DDE	ND	0.494	4.63	U	8/3/05	1
4,4'-DDD	ND	0.313	4.63	U	8/3/05	1
4,4'-DDT	ND	0.538	4.63	U	8/3/05	1
Dieldrin	ND	0.564	4.63	U	8/3/05	1
Endrin	ND	0.543	4.63	U	8/3/05	1
Endrin Aldehyde	ND	1.16	4.63	U	8/3/05	1
Endrin Ketone	ND	0.504	4.63	U	8/3/05	1
Endosulfan Sulfate	ND	0.497	4.63	U	8/3/05	1
Methoxychlor	ND	0.632	4.63	U	8/3/05	1
Chlordane	ND	1.08	4.63	U	8/3/05	1
Toxaphene	ND	7.63	46.3	U	8/3/05	1

Qualifiers:

U - compound not detected at the specified quantitation limit
J - below PQL
D - concentration taken from diluted analysis

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PESTICIDE ANALYTICAL REPORT
Method 8081 S

Client:	Oxford Engineering	**Lab Sample ID:**	25070892-4
Project:	Avis Headq.	**GC Run ID:**	GC25756
Sample ID:	SED-4	**Extraction Date:**	7/20/05
Date Sampled:	7/13/05	**Sample Wt /Vol:**	15 g
Matrix: (soil/water)	Soil	**Final Volume (ml):**	10
% Moisture:	44%		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
alpha-BHC	ND	1.43	11.8	U	7/23/05	1
beta-BHC	ND	1.39	11.8	U	7/23/05	1
gamma-BHC (Lindane)	ND	1.11	11.8	U	7/23/05	1
delta-BHC	ND	1.07	11.8	U	7/23/05	1
Aldrin	ND	1.19	11.8	U	7/23/05	1
Heptachlor	ND	1.64	11.8	U	7/23/05	1
Heptachlor Epoxide	ND	1.8	11.8	U	7/23/05	1
Endosulfan I	ND	1.99	11.8	U	7/23/05	1
Endosulfan II	ND	1.34	11.8	U	7/23/05	1
4,4'-DDE	ND	1.26	11.8	U	7/23/05	1
4,4'-DDD	ND	0.801	11.8	U	7/23/05	1
4,4'-DDT	ND	1.37	11.8	U	7/23/05	1
Dieldrin	ND	1.44	11.8	U	7/23/05	1
Endrin	ND	1.39	11.8	U	7/23/05	1
Endrin Aldehyde	ND	2.97	11.8	U	7/23/05	1
Endrin Ketone	ND	1.29	11.8	U	7/23/05	1
Endosulfan Sulfate	ND	1.27	11.8	U	7/23/05	1
Methoxychlor	ND	1.61	11.8	U	7/23/05	1
Chlordane	ND	2.76	11.8	U	7/23/05	1
Toxaphene	ND	19.5	118	U	7/23/05	1

Qualifiers:

U - compound not detected at the specified quantitation limit
J - below PQL
D - concentration taken from diluted analysis

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PESTICIDE/PCB ANALYTICAL REPORT
Method 608 L

Client:	Oxford Engineering	**Lab Sample ID:**	25070892-10
Project:	Avis Headquarters	**GC Run ID:**	GC25757
Sample ID:	AQ-1	**Extraction Date:**	7/20/05
Date Sampled:	7/13/05	**Sample Wt /Vol:**	500
Matrix: (soil/water)	Water	**Final Volume (ml):**	10
% Moisture:	NA		
Concentration Units:	µg/L		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
alpha-BHC	ND	0.01	0.04	U	7/23/05	1
beta-BHC	ND	0.011	0.04	U	7/23/05	1
gamma-BHC (Lindane)	ND	0.008	0.04	U	7/23/05	1
delta-BHC	ND	0.011	0.04	U	7/23/05	1
Aldrin	ND	0.008	0.04	U	7/23/05	1
Heptachlor	ND	0.009	0.04	U	7/23/05	1
Heptachlor Epoxide	ND	0.01	0.04	U	7/23/05	1
Endosulfan I	ND	0.012	0.04	U	7/23/05	1
Endosulfan II	ND	0.012	0.04	U	7/23/05	1
4,4'-DDE	ND	0.013	0.04	U	7/23/05	1
4,4'-DDD	ND	0.013	0.04	U	7/23/05	1
4,4'-DDT	ND	0.011	0.04	U	7/23/05	1
Dieldrin	ND	0.009	0.04	U	7/23/05	1
Endrin	ND	0.009	0.04	U	7/23/05	1
Endrin Aldehyde	ND	0.011	0.04	U	7/23/05	1
Endrin Ketone	ND	0.009	0.04	U	7/23/05	1
Endosulfan Sulfate	ND	0.009	0.04	U	7/23/05	1
Methoxychlor	ND	0.02	0.04	U	7/23/05	1
Chlordane	ND	0.033	0.04	U	7/23/05	1
Toxaphene	ND	0.159	0.4	U	7/23/05	1

Qualifiers:

U - compound not detected at the specified detection limit

J - below MDL

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PESTICIDE/PCB ANALYTICAL REPORT
Method 608 L

Client:	Oxford Engineering	**Lab Sample ID:**	25070892-11
Project:	Avis Headquarters	**GC Run ID:**	GC25758
Sample ID:	AQ-2	**Extraction Date:**	7/20/05
Date Sampled:	7/13/05	**Sample Wt /Vol:**	1000
Matrix: (soil/water)	Water	**Final Volume (ml):**	10
% Moisture:	NA		
Concentration Units:	µg/L		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
alpha-BHC	ND	0.005	0.02	U	7/23/05	1
beta-BHC	ND	0.006	0.02	U	7/23/05	1
gamma-BHC (Lindane)	ND	0.004	0.02	U	7/23/05	1
delta-BHC	ND	0.005	0.02	U	7/23/05	1
Aldrin	ND	0.004	0.02	U	7/23/05	1
Heptachlor	ND	0.004	0.02	U	7/23/05	1
Heptachlor Epoxide	ND	0.005	0.02	U	7/23/05	1
Endosulfan I	ND	0.006	0.02	U	7/23/05	1
Endosulfan II	ND	0.006	0.02	U	7/23/05	1
4,4'-DDE	ND	0.007	0.02	U	7/23/05	1
4,4'-DDD	ND	0.006	0.02	U	7/23/05	1
4,4'-DDT	ND	0.006	0.02	U	7/23/05	1
Dieldrin	ND	0.005	0.02	U	7/23/05	1
Endrin	ND	0.005	0.02	U	7/23/05	1
Endrin Aldehyde	ND	0.005	0.02	U	7/23/05	1
Endrin Ketone	ND	0.005	0.02	U	7/23/05	1
Endosulfan Sulfate	ND	0.004	0.02	U	7/23/05	1
Methoxychlor	ND	0.01	0.02	U	7/23/05	1
Chlordane	ND	0.017	0.02	U	7/23/05	1
Toxaphene	ND	0.08	0.2	U	7/23/05	1

Qualifiers:

U - compound not detected at the specified detection limit

J - below MDL

AQUA PRO-TECH LABORATORIES

EPA Method 624/8260B Analytical Report

Client Sample: **SED-1**

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25070892-001

Sample wt/vol: 5.0 (g/ml) G

Lab File ID: 3V250.D

Level: (low/med) MED

Date Collected: 7/12/05

% Moisture 5

Soil Aliquot Volume: 400 (uL)

Date Analyzed: 7/20/05

Soil Extract Volume: 25000 (uL)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATIO ug/kg	Q	MDL	PQL
74-87-3	Chloromethane		U	437	2630
75-71-8	Dichlorodifluoromethane		U	474	2630
75-01-4	Vinyl Chloride		U	587	2630
74-83-9	Bromomethane		U	458	2630
75-00-3	Chloroethane		U	474	2630
75-69-4	Trichlorofluoromethane		U	466	1320
107-02-8	Acrolein		U	405	5260
67-64-1	Acetone		U	739	2630
75-35-4	1,1-Dichloroethene		U	516	1320
75-65-0	tert-Butyl Alcohol		U	5680	13200
75-09-2	Methylene Chloride		U	368	1320
75-15-0	Carbon Disulfide		U	421	1320
107-13-1	Acrylonitrile		U	582	2630
1634-04-4	Methyl tert-Butyl Ether		U	437	1320
156-60-5	trans- 1,2-Dichloroethene		U	489	1320
75-34-3	1,1-Dichloroethane		U	563	1320
108-05-4	Vinyl Acetate		U	511	1320
78-93-3	2-Butanone		U	937	2630
594-20-7	2,2-Dichloropropane		U	413	1320
156-59-2	cis-1,2-Dichloroethene		U	516	1320
67-66-3	Chloroform		U	489	1320
74-97-5	Bromochloromethane		U	513	1320
71-55-6	1,1,1-Trichloroethane		U	374	1320
563-58-6	1,1-Dichloropropene		U	358	1320
56-23-5	Carbon Tetrachloride		U	363	1320
107-06-2	1,2-Dichloroethane		U	516	1320
71-43-2	Benzene		U	426	1320
79-01-6	Trichloroethene		U	337	1320
78-87-5	1,2-Dichloropropane		U	384	1320
75-27-4	Bromodichloromethane		U	429	1320
74-95-3	Dibromomethane		U	337	1320
110-75-8	2-Chloroethylvinyl ether		U	295	1320

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

FORM I VOA

AQUA PRO-TECH LABORATORIES

EPA Method 624/8260B Analytical Report

Client Sample: SED-1

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25070892-001

Sample wt/vol: 5.0 (g/ml) G

Lab File ID: 3V250.D

Level: (low/med) MED

Date Collected: 7/12/05

% Moisture 5

Soil Aliquot Volume: 400 (uL)

Date Analyzed: 7/20/05

Soil Extract Volume: 25000 (uL)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATIO ug/kg	Q	MDL	PQL
108-10-1	4-Methyl-2-Pentanone		U	503	1320
10061-01-5	cis-1,3-Dichloropropene		U	337	1320
108-88-3	Toluene		U	421	1320
10061-02-6	trans-1,3-Dichloropropene		U	416	1320
79-00-5	1,1,2-Trichloroethane		U	382	1320
591-78-6	2-Hexanone		U	521	2630
142-28-9	1,3-Dichloropropane		U	450	1320
127-18-4	Tetrachloroethene		U	511	1320
124-48-1	Dibromochloromethane		U	442	1320
106-93-4	1,2-Dibromoethane		U	313	1320
108-90-7	Chlorobenzene		U	416	1320
630-20-6	1,1,1,2-Tetrachloroethane		U	379	1320
100-41-4	Ethylbenzene		U	524	1320
1330-20-7	m+p-Xylenes		U	1020	2630
1330-20-7	o-Xylene		U	474	1320
100-42-5	Styrene		U	405	1320
75-25-2	Bromoform		U	424	2630
79-34-5	1,1,2,2-Tetrachloroethane		U	482	1320
96-18-4	1,2,3-Trichloropropane		U	579	2630
108-86-1	Bromobenzene		U	513	1320
95-49-8	2-Chlorotoluene		U	447	1320
106-43-4	4-Chlorotoluene		U	466	1320
541-73-1	1,3-Dichlorobenzene		U	395	1320
106-46-7	1,4-Dichlorobenzene		U	516	1320
95-50-1	1,2-Dichlorobenzene		U	450	1320
96-12-8	1,2-Dibromo-3-chloropropane		U	1270	5260
120-82-1	1,2,4-Trichlorobenzene		U	1040	1320
87-68-3	Hexachlorobutadiene		U	716	1320
87-61-6	1,2,3-Trichlorobenzene		U	566	1320

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 624/8260B Analytical Report

Client Sample

SED-2

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25070892-002

Sample wt/vol: 5.0 (g/ml) G

Lab File ID: 3V251.D

Level: (low/med) MED

Date Collected: 7/12/05

% Moisture 5.6

Soil Aliquot Volume: 400 (uL)

Date Analyzed: 7/20/05

Soil Extract Volume: 25000 (uL)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATIO ug/kg	Q	MDL	PQL
74-87-3	Chloromethane		U	441	2660
75-71-8	Dichlorodifluoromethane		U	479	2660
75-01-4	Vinyl Chloride		U	593	2660
74-83-9	Bromomethane		U	463	2660
75-00-3	Chloroethane		U	479	2660
75-69-4	Trichlorofluoromethane		U	471	1330
107-02-8	Acrolein		U	410	5320
67-64-1	Acetone		U	747	2660
75-35-4	1,1-Dichloroethene		U	521	1330
75-65-0	tert-Butyl Alcohol		U	5740	13300
75-09-2	Methylene Chloride		U	372	1330
75-15-0	Carbon Disulfide		U	426	1330
107-13-1	Acrylonitrile		U	588	2660
1634-04-4	Methyl tert-Butyl Ether		U	441	1330
156-60-5	trans- 1,2-Dichloroethene		U	495	1330
75-34-3	1,1-Dichloroethane		U	569	1330
108-05-4	Vinyl Acetate		U	516	1330
78-93-3	2-Butanone		U	947	2660
594-20-7	2,2-Dichloropropane		U	418	1330
156-59-2	cis-1,2-Dichloroethene		U	521	1330
67-66-3	Chloroform		U	495	1330
74-97-5	Bromochloromethane		U	519	1330
71-55-6	1,1,1-Trichloroethane		U	378	1330
563-58-6	1,1-Dichloropropene		U	362	1330
56-23-5	Carbon Tetrachloride		U	367	1330
107-06-2	1,2-Dichloroethane		U	521	1330
71-43-2	Benzene		U	431	1330
79-01-6	Trichloroethene		U	340	1330
78-87-5	1,2-Dichloropropane		U	388	1330
75-27-4	Bromodichloromethane		U	434	1330
74-95-3	Dibromomethane		U	340	1330
110-75-8	2-Chloroethylvinyl ether		U	298	1330

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 624/8260B Analytical Report

Client Sample

SED-2

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25070892-002

Sample wt/vol: 5.0 (g/ml) G

Lab File ID: 3V251.D

Level: (low/med) MED

Date Collected: 7/12/05

% Moisture 5.6

Soil Aliquot Volume: 400 (uL)

Date Analyzed: 7/20/05

Soil Extract Volume: 25000 (uL)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATIO ug/kg	Q	MDL	PQL
108-10-1	4-Methyl-2-Pentanone		U	508	1330
10061-01-5	cis-1,3-Dichloropropene		U	340	1330
108-88-3	Toluene		U	426	1330
10061-02-6	trans-1,3-Dichloropropene		U	420	1330
79-00-5	1,1,2-Trichloroethane		U	386	1330
591-78-6	2-Hexanone		U	527	2660
142-28-9	1,3-Dichloropropane		U	455	1330
127-18-4	Tetrachloroethene		U	516	1330
124-48-1	Dibromochloromethane		U	447	1330
106-93-4	1,2-Dibromoethane		U	316	1330
108-90-7	Chlorobenzene		U	420	1330
630-20-6	1,1,1,2-Tetrachloroethane		U	383	1330
100-41-4	Ethylbenzene		U	529	1330
1330-20-7	m+p-Xylenes		U	1030	2660
1330-20-7	o-Xylene		U	479	1330
100-42-5	Styrene		U	410	1330
75-25-2	Bromoform		U	428	2660
79-34-5	1,1,2,2-Tetrachloroethane		U	487	1330
96-18-4	1,2,3-Trichloropropane		U	585	2660
108-86-1	Bromobenzene		U	519	1330
95-49-8	2-Chlorotoluene		U	452	1330
106-43-4	4-Chlorotoluene		U	471	1330
541-73-1	1,3-Dichlorobenzene		U	399	1330
106-46-7	1,4-Dichlorobenzene		U	521	1330
95-50-1	1,2-Dichlorobenzene		U	455	1330
96-12-8	1,2-Dibromo-3-chloropropane		U	1280	5320
120-82-1	1,2,4-Trichlorobenzene		U	1050	1330
87-68-3	Hexachlorobutadiene		U	723	1330
87-61-6	1,2,3-Trichlorobenzene		U	572	1330

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

FORM I VOA

AQUA PRO-TECH LABORATORIES

EPA Method 624/8260B Analytical Report

Client Sample

SED-3

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25070892-003

Sample wt/vol: 5.0 (g/ml) G

Lab File ID: 3V395.D

Level: (low/med) MED

Date Collected: 7/13/05

% Moisture 28.8

Soil Aliquot Volume: 400 (uL)

Date Analyzed: 7/27/05

Soil Extract Volume: 25000 (uL)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATIO ug/kg	Q	MDL	PQL
74-87-3	Chloromethane		U	585	3520
75-71-8	Dichlorodifluoromethane		U	634	3520
75-01-4	Vinyl Chloride		U	785	3520
74-83-9	Bromomethane		U	613	3520
75-00-3	Chloroethane		U	634	3520
75-69-4	Trichlorofluoromethane		U	623	1760
107-02-8	Acrolein		U	542	7040
67-64-1	Acetone		U	989	3520
75-35-4	1,1-Dichloroethene		U	690	1760
75-65-0	tert-Butyl Alcohol		U	7600	17600
75-09-2	Methylene Chloride		U	493	1760
75-15-0	Carbon Disulfide		U	563	1760
107-13-1	Acrylonitrile		U	778	3520
1634-04-4	Methyl tert-Butyl Ether		U	585	1760
156-60-5	trans- 1,2-Dichloroethene		U	655	1760
75-34-3	1,1-Dichloroethane		U	754	1760
108-05-4	Vinyl Acetate		U	683	1760
78-93-3	2-Butanone		U	1250	3520
594-20-7	2,2-Dichloropropane		U	553	1760
156-59-2	cis-1,2-Dichloroethene		U	690	1760
67-66-3	Chloroform		U	655	1760
74-97-5	Bromochloromethane		U	687	1760
71-55-6	1,1,1-Trichloroethane		U	500	1760
563-58-6	1,1-Dichloropropene		U	479	1760
56-23-5	Carbon Tetrachloride		U	486	1760
107-06-2	1,2-Dichloroethane		U	690	1760
71-43-2	Benzene		U	570	1760
79-01-6	Trichloroethene		U	451	1760
78-87-5	1,2-Dichloropropane		U	514	1760
75-27-4	Bromodichloromethane		U	574	1760
74-95-3	Dibromomethane		U	451	1760
110-75-8	2-Chloroethylvinyl ether		U	394	1760

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 624/8260B Analytical Report

Client Sample

SED-3

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25070892-003

Sample wt/vol: 5.0 (g/ml) G

Lab File ID: 3V395.D

Level: (low/med) MED

Date Collected: 7/13/05

% Moisture 28.8

Soil Aliquot Volume: 400 (uL)

Date Analyzed: 7/27/05

Soil Extract Volume: 25000 (uL)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATIO ug/kg	Q	MDL	PQL
108-10-1	4-Methyl-2-Pentanone		U	673	1760
10061-01-5	cis-1,3-Dichloropropene		U	451	1760
108-88-3	Toluene		U	563	1760
10061-02-6	trans-1,3-Dichloropropene		U	556	1760
79-00-5	1,1,2-Trichloroethane		U	511	1760
591-78-6	2-Hexanone		U	697	3520
142-28-9	1,3-Dichloropropane		U	602	1760
127-18-4	Tetrachloroethene		U	683	1760
124-48-1	Dibromochloromethane		U	592	1760
106-93-4	1,2-Dibromoethane		U	419	1760
108-90-7	Chlorobenzene		U	556	1760
630-20-6	1,1,1,2-Tetrachloroethane		U	507	1760
100-41-4	Ethylbenzene		U	701	1760
1330-20-7	m+p-Xylenes		U	1360	3520
1330-20-7	o-Xylene		U	634	1760
100-42-5	Styrene		U	542	1760
75-25-2	Bromoform		U	567	3520
79-34-5	1,1,2,2-Tetrachloroethane		U	644	1760
96-18-4	1,2,3-Trichloropropane		U	775	3520
108-86-1	Bromobenzene		U	687	1760
95-49-8	2-Chlorotoluene		U	599	1760
106-43-4	4-Chlorotoluene		U	623	1760
541-73-1	1,3-Dichlorobenzene		U	528	1760
106-46-7	1,4-Dichlorobenzene		U	690	1760
95-50-1	1,2-Dichlorobenzene		U	602	1760
96-12-8	1,2-Dibromo-3-chloropropane		U	1700	7040
120-82-1	1,2,4-Trichlorobenzene		U	1390	1760
87-68-3	Hexachlorobutadiene		U	958	1760
87-61-6	1,2,3-Trichlorobenzene		U	757	1760

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 624/8260B Analytical Report

Client Sample

SED-4

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25070892-004

Sample wt/vol: 5.0 (g/ml) G

Lab File ID: 3V392.D

Level: (low/med) MED

Date Collected: 7/13/05

% Moisture 44.3

Soil Aliquot Volume: 400 (uL)

Date Analyzed: 7/27/05

Soil Extract Volume: 25000 (uL)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATIO ug/kg	Q	MDL	PQL
74-87-3	Chloromethane		U	741	4460
75-71-8	Dichlorodifluoromethane		U	804	4460
75-01-4	Vinyl Chloride		U	996	4460
74-83-9	Bromomethane		U	777	4460
75-00-3	Chloroethane		U	804	4460
75-69-4	Trichlorofluoromethane		U	790	2230
107-02-8	Acrolein		U	688	8930
67-64-1	Acetone		U	1250	4460
75-35-4	1,1-Dichloroethene		U	875	2230
75-65-0	tert-Butyl Alcohol		U	9640	22300
75-09-2	Methylene Chloride		U	625	2230
75-15-0	Carbon Disulfide		U	714	2230
107-13-1	Acrylonitrile		U	987	4460
1634-04-4	Methyl tert-Butyl Ether		U	741	2230
156-60-5	trans- 1,2-Dichloroethene		U	830	2230
75-34-3	1,1-Dichloroethane		U	955	2230
108-05-4	Vinyl Acetate		U	866	2230
78-93-3	2-Butanone		U	1590	4460
594-20-7	2,2-Dichloropropane		U	701	2230
156-59-2	cis-1,2-Dichloroethene		U	875	2230
67-66-3	Chloroform		U	830	2230
74-97-5	Bromochloromethane		U	871	2230
71-55-6	1,1,1-Trichloroethane		U	634	2230
563-58-6	1,1-Dichloropropene		U	607	2230
56-23-5	Carbon Tetrachloride		U	616	2230
107-06-2	1,2-Dichloroethane		U	875	2230
71-43-2	Benzene		U	723	2230
79-01-6	Trichloroethene		U	571	2230
78-87-5	1,2-Dichloropropane		U	652	2230
75-27-4	Bromodichloromethane		U	728	2230
74-95-3	Dibromomethane		U	571	2230
110-75-8	2-Chloroethylvinyl ether		U	500	2230

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 624/8260B Analytical Report

Client Sample

SED-4

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25070892-004

Sample wt/vol: 5.0 (g/ml) G

Lab File ID: 3V392.D

Level: (low/med) MED

Date Collected: 7/13/05

% Moisture 44.3

Soil Aliquot Volume: 400 (uL)

Date Analyzed: 7/27/05

Soil Extract Volume: 25000 (uL)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATIO ug/kg	Q	MDL	PQL
108-10-1	4-Methyl-2-Pentanone		U	853	2230
10061-01-5	cis-1,3-Dichloropropene		U	571	2230
108-88-3	Toluene	29800		714	2230
10061-02-6	trans-1,3-Dichloropropene		U	705	2230
79-00-5	1,1,2-Trichloroethane		U	647	2230
591-78-6	2-Hexanone		U	884	4460
142-28-9	1,3-Dichloropropane		U	763	2230
127-18-4	Tetrachloroethene		U	866	2230
124-48-1	Dibromochloromethane		U	750	2230
106-93-4	1,2-Dibromoethane		U	531	2230
108-90-7	Chlorobenzene		U	705	2230
630-20-6	1,1,1,2-Tetrachloroethane		U	643	2230
100-41-4	Ethylbenzene		U	888	2230
1330-20-7	m+p-Xylenes		U	1730	4460
1330-20-7	o-Xylene		U	804	2230
100-42-5	Styrene		U	688	2230
75-25-2	Bromoform		U	719	4460
79-34-5	1,1,2,2-Tetrachloroethane		U	817	2230
96-18-4	1,2,3-Trichloropropane		U	982	4460
108-86-1	Bromobenzene		U	871	2230
95-49-8	2-Chlorotoluene		U	759	2230
106-43-4	4-Chlorotoluene		U	790	2230
541-73-1	1,3-Dichlorobenzene		U	670	2230
106-46-7	1,4-Dichlorobenzene		U	875	2230
95-50-1	1,2-Dichlorobenzene		U	763	2230
96-12-8	1,2-Dibromo-3-chloropropane		U	2160	8930
120-82-1	1,2,4-Trichlorobenzene		U	1760	2230
87-68-3	Hexachlorobutadiene		U	1210	2230
87-61-6	1,2,3-Trichlorobenzene		U	960	2230

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 624/8260B Analytical Report

Client Sample

AQ-1

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: WATER

Lab Sample ID: 25070892-010

Sample wt/vol: 20.0 (g/ml) ML

Lab File ID: 8V6935.D

Level: (low/med) LOW

Date Collected: 7/13/05

% Moisture

Soil Aliquot Volume: (uL)

Date Analyzed: 7/23/05

Soil Extract Volume: (uL)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATIO ug/l	Q	MDL	PQL
75-71-8	Dichlorodifluoromethane		U	3.5	5.0
74-87-3	Chloromethane		U	0.73	5.0
75-01-4	Vinyl Chloride		U	1.0	5.0
74-83-9	Bromomethane		U	1.2	10
75-00-3	Chloroethane		U	1.5	10
75-69-4	Trichlorofluoromethane		U	0.93	5.0
107-02-8	Acrolein		U	13	20
67-64-1	Acetone		U	2.1	5.0
75-35-4	1,1-Dichloroethene		U	0.070	5.0
75-65-0	tert-Butyl Alcohol		U	12	50
75-09-2	Methylene Chloride		U	0.60	5.0
75-15-0	Carbon Disulfide		U	0.19	5.0
107-13-1	Acrylonitrile		U	11	10
1634-04-4	Methyl tert-Butyl Ether		U	0.21	5.0
156-60-5	trans 1,2-Dichloroethene		U	0.15	5.0
75-34-3	1,1-Dichloroethane		U	0.21	5.0
108-05-4	Vinyl Acetate		U	0.40	5.0
78-93-3	2-Butanone		U	1.1	5.0
594-20-7	2,2-Dichloropropane		U	0.38	5.0
156-59-2	cis 1,2-Dichloroethene		U	0.28	5.0
67-66-3	Chloroform		U	0.25	5.0
74-97-5	Bromochloromethane		U	0.77	5.0
71-55-6	1,1,1-Trichloroethane		U	0.090	5.0
563-58-6	1,1-Dichloropropene		U	0.20	5.0
56-23-5	Carbon Tetrachloride		U	0.25	5.0
107-06-2	1,2-Dichloroethane		U	0.30	5.0
71-43-2	Benzene		U	0.13	5.0
79-01-6	Trichloroethene		U	0.41	5.0
78-87-5	1,2-Dichloropropane		U	0.31	5.0
75-27-4	Bromodichloromethane		U	0.34	5.0
74-95-3	Dibromomethane		U	0.71	5.0
110-75-8	2-Chloroethylvinyl Ether		U	0.21	10

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected In Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 624/8260B Analytical Report

Client Sample: **AQ-1**

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: WATER

Lab Sample ID: 25070892-010

Sample wt/vol: 20.0 (g/ml) ML

Lab File ID: 8V6935.D

Level: (low/med) LOW

Date Collected: 7/13/05

% Moisture

Soil Aliquot Volume: (uL)

Date Analyzed: 7/23/05

Soil Extract Volume: (uL)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATIO ug/l	Q	MDL	PQL
108-10-1	4-Methyl-2-Pentanone		U	0.86	5.0
10061-01-5	cis 1,3-Dichloropropene		U	0.32	5.0
108-88-3	Toluene	3.0		0.14	5.0
10061-02-6	trans 1,3-Dichloropropene		U	0.35	5.0
79-00-5	1,1,2-Trichloroethane		U	0.31	5.0
591-78-6	2-Hexanone		U	3.8	5.0
142-28-9	1,3-Dichloropropane		U	0.22	5.0
127-18-4	Tetrachloroethene		U	0.40	5.0
124-48-1	Dibromochloromethane		U	0.32	5.0
106-93-4	1,2-Dibromoethane		U	0.12	5.0
108-90-7	Chlorobenzene		U	0.19	5.0
630-20-6	1,1,1,2-Tetrachloroethane		U	0.37	5.0
100-41-4	Ethylbenzene		U	0.11	5.0
108-38-3	m+p-Xylenes		U	0.44	10
95-47-6	o-Xylene		U	0.18	5.0
100-42-5	Styrene		U	0.16	5.0
75-25-2	Bromoform		U	0.81	5.0
79-34-5	1,1,2,2-Tetrachloroethane		U	0.26	5.0
96-18-4	1,2,3-Trichloropropane		U	0.80	5.0
108-86-1	Bromobenzene		U	0.35	5.0
95-49-8	2-Chlorotoluene		U	0.24	5.0
106-43-4	4-Chlorotoluene		U	0.11	5.0
541-73-1	1,3-Dichlorobenzene		U	0.31	5.0
106-46-7	1,4-Dichlorobenzene		U	0.24	5.0
95-50-1	1,2-Dichlorobenzene		U	0.23	5.0
96-12-8	1,2-Dibromo-3-chloropropane		U	1.5	5.0
120-82-1	1,2,4-Trichlorobenzene		U	0.42	5.0
87-68-3	Hexachlorobutadiene		U	0.66	5.0
87-61-6	1,2,3-Trichlorobenzene		U	1.4	5.0

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 624/8260B Analytical Report

Client Sample

AQ-2

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: WATER

Lab Sample ID: 25070892-011

Sample wt/vol: 20.0 (g/ml) ML

Lab File ID: 8V6937.D

Level: (low/med) LOW

Date Collected: 7/13/05

% Moisture

Soil Aliquot Volume: (uL)

Date Analyzed: 7/23/05

Soil Extract Volume: (uL)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATIO ug/l	Q	MDL	PQL
75-71-8	Dichlorodifluoromethane		U	3.5	5.0
74-87-3	Chloromethane		U	0.73	5.0
75-01-4	Vinyl Chloride		U	1.0	5.0
74-83-9	Bromomethane		U	1.2	10
75-00-3	Chloroethane		U	1.5	10
75-69-4	Trichlorofluoromethane		U	0.93	5.0
107-02-8	Acrolein		U	13	20
67-64-1	Acetone		U	2.1	5.0
75-35-4	1,1-Dichloroethene		U	0.070	5.0
75-65-0	tert-Butyl Alcohol		U	12	50
75-09-2	Methylene Chloride		U	0.60	5.0
75-15-0	Carbon Disulfide		U	0.19	5.0
107-13-1	Acrylonitrile		U	11	10
1634-04-4	Methyl tert-Butyl Ether		U	0.21	5.0
156-60-5	trans 1,2-Dichloroethene		U	0.15	5.0
75-34-3	1,1-Dichloroethane		U	0.21	5.0
108-05-4	Vinyl Acetate		U	0.40	5.0
78-93-3	2-Butanone		U	1.1	5.0
594-20-7	2,2-Dichloropropane		U	0.38	5.0
156-59-2	cis 1,2-Dichloroethene		U	0.28	5.0
67-66-3	Chloroform		U	0.25	5.0
74-97-5	Bromochloromethane		U	0.77	5.0
71-55-6	1,1,1-Trichloroethane		U	0.090	5.0
563-58-6	1,1-Dichloropropene		U	0.20	5.0
56-23-5	Carbon Tetrachloride		U	0.25	5.0
107-06-2	1,2-Dichloroethane		U	0.30	5.0
71-43-2	Benzene		U	0.13	5.0
79-01-6	Trichloroethene		U	0.41	5.0
78-87-5	1,2-Dichloropropane		U	0.31	5.0
75-27-4	Bromodichloromethane		U	0.34	5.0
74-95-3	Dibromomethane		U	0.71	5.0
110-75-8	2-Chloroethylvinyl Ether		U	0.21	10

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 624/8260B Analytical Report

Client Sample

AQ-2

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: WATER

Lab Sample ID: 25070892-011

Sample wt/vol: 20.0 (g/ml) ML

Lab File ID: 8V6937.D

Level: (low/med) LOW

Date Collected: 7/13/05

% Moisture

Soil Aliquot Volume: (uL)

Date Analyzed: 7/23/05

Soil Extract Volume: (uL)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATIO ug/l	Q	MDL	PQL
108-10-1	4-Methyl-2-Pentanone		U	0.86	5.0
10061-01-5	cis 1,3-Dichloropropene		U	0.32	5.0
108-88-3	Toluene		U	0.14	5.0
10061-02-6	trans 1,3-Dichloropropene		U	0.35	5.0
79-00-5	1,1,2-Trichloroethane		U	0.31	5.0
591-78-6	2-Hexanone		U	3.8	5.0
142-28-9	1,3-Dichloropropane		U	0.22	5.0
127-18-4	Tetrachloroethene		U	0.40	5.0
124-48-1	Dibromochloromethane		U	0.32	5.0
106-93-4	1,2-Dibromoethane		U	0.12	5.0
108-90-7	Chlorobenzene		U	0.19	5.0
630-20-6	1,1,1,2-Tetrachloroethane		U	0.37	5.0
100-41-4	Ethylbenzene		U	0.11	5.0
108-38-3	m+p-Xylenes		U	0.44	10
95-47-6	o-Xylene		U	0.18	5.0
100-42-5	Styrene		U	0.16	5.0
75-25-2	Bromoform		U	0.81	5.0
79-34-5	1,1,2,2-Tetrachloroethane		U	0.26	5.0
96-18-4	1,2,3-Trichloropropane		U	0.80	5.0
108-86-1	Bromobenzene		U	0.35	5.0
95-49-8	2-Chlorotoluene		U	0.24	5.0
106-43-4	4-Chlorotoluene		U	0.11	5.0
541-73-1	1,3-Dichlorobenzene		U	0.31	5.0
106-46-7	1,4-Dichlorobenzene		U	0.24	5.0
95-50-1	1,2-Dichlorobenzene		U	0.23	5.0
96-12-8	1,2-Dibromo-3-chloropropane		U	1.5	5.0
120-82-1	1,2,4-Trichlorobenzene		U	0.42	5.0
87-68-3	Hexachlorobutadiene		U	0.66	5.0
87-61-6	1,2,3-Trichlorobenzene		U	1.4	5.0

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

AQ-1 (1:4)

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: WATER

Lab Sample ID: 25070892-010

Sample wt/vol: 950 (g/ml) ML

Lab File ID: 5S6868.D

Level: (low/med) LOW

Date Collected: 7/12/05

% Moisture:

Date Extracted: 7/19/05

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Date Analyzed: 7/23/05

Dilution Factor: 4.0

CAS NO.	COMPOUND	CONCENTRATION: ug/l	Q	MDL	PQL
110-86-1	Pyridine		U	27	42
62-75-9	n-Nitroso-dimethylamine		U	3.4	42
62-53-3	Aniline		U	13	42
108-95-2	Phenol		U	0.84	42
111-44-4	bis(2-Chloroethyl)ether		U	1.4	42
95-57-8	2-Chlorophenol		U	1.2	42
541-73-1	1,3-Dichlorobenzene		U	1.6	42
106-46-7	1,4-Dichlorobenzene		U	1.7	42
100-51-6	Benzyl Alcohol		U	1.4	42
95-50-1	1,2-Dichlorobenzene		U	1.6	42
95-48-7	2-Methylphenol		U	1.4	42
108-60-1	bis(2-Chloroisopropyl)ether		U	1.1	42
106-44-5	3+4-Methylphenol		U	0.93	42
621-64-7	n-Nitroso-di-n-propylamine		U	2.1	42
67-72-1	Hexachloroethane		U	2.0	42
98-95-3	Nitrobenzene		U	1.3	42
78-59-1	Isophorone		U	1.3	42
88-75-5	2-Nitrophenol		U	1.7	42
105-67-9	2,4-Dimethylphenol		U	3.2	42
111-91-1	bis(2-Chloroethoxy)methane		U	1.3	42
120-83-2	2,4-Dichlorophenol		U	1.8	42
65-85-0	Benzoic Acid		U	35	42
120-82-1	1,2,4-Trichlorobenzene		U	2.1	42
91-20-3	Naphthalene		U	1.1	42
87-65-0	2,6-Dichlorophenol		U	0.80	42
106-47-8	4-Chloroaniline		U	1.7	42
87-68-3	Hexachlorobutadiene		U	5.7	42
59-50-7	4-Chloro-3-methylphenol		U	0.72	42
91-57-6	2-Methylnaphthalene		U	1.8	42
77-47-4	Hexachlorocyclopentadiene		U	2.4	84
88-06-2	2,4,6-Trichlorophenol		U	1.8	42
95-95-4	2,4,5-Trichlorophenol		U	0.97	42
91-58-7	2-Chloronaphthalene		U	1.6	42

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

AQ-1 (1:4)

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: WATER

Lab Sample ID: 25070892-010

Sample wt/vol: 950 (g/ml) ML

Lab File ID: 5S6868.D

Level: (low/med) LOW

Date Collected: 7/12/05

% Moisture:

Date Extracted: 7/19/05

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Date Analyzed: 7/23/05

Dilution Factor: 4.0

CAS NO.	COMPOUND	CONCENTRATION: ug/l	Q	MDL	PQL
88-74-4	2-Nitroaniline		U	2.6	42
131-11-3	Dimethylphthalate		U	1.2	42
208-96-8	Acenaphthylene		U	1.6	42
606-20-2	2,6-Dinitrotoluene		U	1.6	42
99-09-2	3-Nitroaniline		U	1.3	42
83-32-9	Acenaphthene	0.84	JD	1.9	42
51-28-5	2,4-Dinitrophenol		U	17	42
132-64-9	Dibenzofuran		U	1.6	42
100-02-7	4-Nitrophenol		U	2.4	42
121-14-2	2,4-Dinitrotoluene		U	2.0	42
58-90-2	2,3,4,6-Tetrachlorophenol		U	4.9	42
86-73-7	Fluorene		U	1.3	42
84-66-2	Diethylphthalate		U	1.6	42
7005-72-3	4-Chlorophenyl phenyl ether		U	1.3	42
100-01-6	4-Nitroaniline		U	1.3	42
534-52-1	4,6-Dinitro-2-methylphenol		U	5.5	42
86-30-6	n-Nitrosodiphenylamine		U	0.97	42
103-33-3	1,2-Diphenylhydrazine		U	0.97	42
101-55-3	4-Bromophenyl-phenyl ether		U	2.3	42
118-74-1	Hexachlorobenzene		U	2.1	42
87-86-5	Pentachlorophenol		U	6.7	84
85-01-8	Phenanthrene	15	D	1.5	42
120-12-7	Anthracene		U	0.55	42
86-74-8	Carbazole		U	1.1	42
84-74-2	Di-n-butylphthalate		U	0.76	42
206-44-0	Fluoranthene	59	D	0.88	42
92-87-5	Benzidine		U	234	84
129-00-0	Pyrene	65	D	0.97	42
85-68-7	Butylbenzylphthalate	6.4	D	2.4	42
56-55-3	Benzo[a]anthracene	16	D	0.93	42
91-94-1	3,3'-Dichlorobenzidine		U	0.67	42
218-01-9	Chrysene	35	D	1.1	42
117-81-7	bis(2-Ethylhexyl)phthalate	146	D	3.5	42

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

AQ-1 (1:4)

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: WATER

Lab Sample ID: 25070892-010

Sample wt/vol: 950 (g/ml) ML

Lab File ID: 5S6868.D

Level: (low/med) LOW

Date Collected: 7/12/05

% Moisture:

Date Extracted: 7/19/05

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Date Analyzed: 7/23/05

Dilution Factor: 4.0

CAS NO.	COMPOUND	CONCENTRATION: ug/l	Q	MDL	PQL
117-84-0	Di-n-octylphthalate		U	0.63	42
205-99-2	Benzo[b]fluoranthene	48	D	0.84	42
207-08-9	Benzo[k]fluoranthene	28	D	0.97	42
50-32-8	Benzo[a]pyrene	27	D	0.97	42
193-39-5	Indeno(1,2,3-cd)pyrene	9.7	D	1.1	42
53-70-3	Dibenzo[a,h]anthracene		U	0.38	42
191-24-2	Benzo[g,h,i]perylene	11	D	4.7	42

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES
EPA Method 625/8270C Analytical Report
TENTATIVELY IDENTIFIED COMPOUNDS

Client Sample: AQ-1 (1:4)

Client: Oxford Engineering
Project: Avis Headquarters

Matrix: (soil/water) WATER
Sample wt/vol: 950 (g/ml) ML
Level: (low/med) LOW
% Moisture:
Concentrated Extract Volume: 1000 (uL)
Injection Volume: 1.0 (uL)

Lab Sample ID: 25070892-010
Lab File ID: 5S6868.D
Date Collected: 7/12/05
Date Extracted: 7/19/05
Date Analyzed: 7/23/05
Dilution Factor: 4.0

Number TICs found: 15

CONCENTRATION ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	12.73	79	JD
2.	unknown	14.73	68	JD
3.	unknown	14.84	185	JD
4.	unknown	14.91	142	JD
5.	unknown	15.00	130	JD
6. 027193-86-8	Phenol, dodecyl-	15.11	102	JND
7. 025154-52-3	Phenol, nonyl-	15.19	121	JND
8.	unknown	15.29	116	JD
9. 025154-52-3	Phenol, nonyl-	15.36	91	JND
10.	unknown	15.75	27	JD
11. 000112-75-4	1-Tetradecanamine, N,N-dimeth	16.65	47	JND
12.	unknown	18.34	25	JD
13. 000630-07-9	Pentatriacontane	20.10	32	JND
14. 000629-97-0	Docosane	23.81	107	JND
15. 007098-22-8	Tetratetracontane	25.48	67	JND

Qualifiers: J - Estimated Concentration, N - CAS number present,
D - Diluted

Total Est. Conc: 1339

FORM I SV-TIC

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

AQ-2

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: WATER

Lab Sample ID: 25070892-011

Sample wt/vol: 1000 (g/ml) ML

Lab File ID: 9S4067.D

Level: (low/med) LOW

Date Collected: 7/12/05

% Moisture:

Date Extracted: 7/19/05

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Date Analyzed: 7/21/05

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION: ug/l	Q	MDL	PQL
110-86-1	Pyridine		U	6.4	10
62-75-9	n-Nitroso-dimethylamine		U	0.81	10
62-53-3	Aniline		U	3.1	10
108-95-2	Phenol		U	0.20	10
111-44-4	bis(2-Chloroethyl)ether		U	0.33	10
95-57-8	2-Chlorophenol		U	0.29	10
541-73-1	1,3-Dichlorobenzene		U	0.38	10
106-46-7	1,4-Dichlorobenzene		U	0.41	10
100-51-6	Benzyl Alcohol		U	0.34	10
95-50-1	1,2-Dichlorobenzene		U	0.39	10
95-48-7	2-Methylphenol		U	0.33	10
108-60-1	bis(2-Chloroisopropyl)ether		U	0.27	10
106-44-5	3+4-Methylphenol		U	0.22	10
621-64-7	n-Nitroso-di-n-propylamine		U	0.50	10
67-72-1	Hexachloroethane		U	0.48	10
98-95-3	Nitrobenzene		U	0.30	10
78-59-1	Isophorone		U	0.31	10
88-75-5	2-Nitrophenol		U	0.40	10
105-67-9	2,4-Dimethylphenol		U	0.75	10
111-91-1	bis(2-Chloroethoxy)methane		U	0.32	10
120-83-2	2,4-Dichlorophenol		U	0.43	10
65-85-0	Benzoic Acid		U	8.2	10
120-82-1	1,2,4-Trichlorobenzene		U	0.51	10
91-20-3	Naphthalene		U	0.26	10
87-65-0	2,6-Dichlorophenol		U	0.19	10
106-47-8	4-Chloroaniline		U	0.41	10
87-68-3	Hexachlorobutadiene		U	1.4	10
59-50-7	4-Chloro-3-methylphenol		U	0.17	10
91-57-6	2-Methylnaphthalene		U	0.42	10
77-47-4	Hexachlorocyclopentadiene		U	0.58	20
88-06-2	2,4,6-Trichlorophenol		U	0.42	10
95-95-4	2,4,5-Trichlorophenol		U	0.23	10
91-58-7	2-Chloronaphthalene		U	0.37	10

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

AQ-2

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: WATER

Sample wt/vol: 1000 (g/ml) ML

Level: (low/med) LOW

% Moisture:

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Lab Sample ID: 25070892-011

Lab File ID: 9S4067.D

Date Collected: 7/12/05

Date Extracted: 7/19/05

Date Analyzed: 7/21/05

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION: ug/l	Q	MDL	PQL
88-74-4	2-Nitroaniline		U	0.61	10
131-11-3	Dimethylphthalate		U	0.29	10
208-96-8	Acenaphthylene		U	0.38	10
606-20-2	2,6-Dinitrotoluene		U	0.38	10
99-09-2	3-Nitroaniline		U	0.31	10
83-32-9	Acenaphthene		U	0.46	10
51-28-5	2,4-Dinitrophenol		U	4.0	10
132-64-9	Dibenzofuran		U	0.38	10
100-02-7	4-Nitrophenol		U	0.56	10
121-14-2	2,4-Dinitrotoluene		U	0.47	10
58-90-2	2,3,4,6-Tetrachlorophenol		U	1.2	10
86-73-7	Fluorene		U	0.30	10
84-66-2	Diethylphthalate		U	0.39	10
7005-72-3	4-Chlorophenyl phenyl ether		U	0.31	10
100-01-6	4-Nitroaniline		U	0.31	10
534-52-1	4,6-Dinitro-2-methylphenol		U	1.3	10
86-30-6	n-Nitrosodiphenylamine		U	0.23	10
103-33-3	1,2-Diphenylhydrazine		U	0.23	10
101-55-3	4-Bromophenyl-phenyl ether		U	0.54	10
118-74-1	Hexachlorobenzene		U	0.49	10
87-86-5	Pentachlorophenol		U	1.6	20
85-01-8	Phenanthrene		U	0.36	10
120-12-7	Anthracene		U	0.13	10
86-74-8	Carbazole		U	0.27	10
84-74-2	Di-n-butylphthalate		U	0.18	10
206-44-0	Fluoranthene		U	0.21	10
92-87-5	Benzidine		U	56	20
129-00-0	Pyrene		U	0.23	10
85-68-7	Butylbenzylphthalate		U	0.58	10
56-55-3	Benzo[a]anthracene		U	0.22	10
91-94-1	3,3'-Dichlorobenzidine		U	0.16	10
218-01-9	Chrysene		U	0.25	10
117-81-7	bis(2-Ethylhexyl)phthalate	3.5		0.83	10

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample: AQ-2

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: WATER

Sample wt/vol: 1000 (g/ml) ML

Level: (low/med) LOW

% Moisture:

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Lab Sample ID: 25070892-011

Lab File ID: 9S4067.D

Date Collected: 7/12/05

Date Extracted: 7/19/05

Date Analyzed: 7/21/05

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION: ug/l	Q	MDL	PQL
117-84-0	Di-n-octylphthalate		U	0.15	10
205-99-2	Benzo[b]fluoranthene		U	0.20	10
207-08-9	Benzo[k]fluoranthene		U	0.23	10
50-32-8	Benzo[a]pyrene		U	0.23	10
193-39-5	Indeno(1,2,3-cd)pyrene		U	0.25	10
53-70-3	Dibenzo[a,h]anthracene		U	0.090	10
191-24-2	Benzo[g,h,i]perylene		U	1.1	10

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES
EPA Method 625/8270C Analytical Report
TENTATIVELY IDENTIFIED COMPOUNDS

Client Sample: **AQ-2**

Client: Oxford Engineering
Project: Avis Headquarters

Matrix: (soil/water) WATER
Sample wt/vol: 1000 (g/ml) ML
Level: (low/med) LOW
% Moisture:
Concentrated Extract Volume: 1000 (uL)
Injection Volume: 1.0 (uL)

Lab Sample ID: 25070892-011
Lab File ID: 9S4067.D
Date Collected: 7/12/05
Date Extracted: 7/19/05
Date Analyzed: 7/21/05
Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Qualifiers: J - Estimated Concentration, N - CAS number present,
D - Diluted

Total Est. Conc: 0

FORM I SV-TIC

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

SED-1 (1:10)

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Sample wt/vol: 30 (g/ml) G

Level: (low/med) LOW

% Moisture: 5

Concentrated Extract Volume: 3000 (uL)

Injection Volume: 1.0 (uL)

Lab Sample ID: 25070892-001

Lab File ID: 2S4171.D

Date Collected: 7/12/05

Date Extracted: 7/19/05

Date Analyzed: 8/2/05

Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION: ug/kg	Q	MDL	PQL
110-86-1	Pyridine		U	1830	10500
62-75-9	n-Nitroso-dimethylamine		U	1740	10500
62-53-3	Aniline		U	547	10500
108-95-2	Phenol		U	2280	10500
111-44-4	bis(2-Chloroethyl)ether		U	2200	10500
95-57-8	2-Chlorophenol		U	2630	10500
541-73-1	1,3-Dichlorobenzene		U	2430	10500
106-46-7	1,4-Dichlorobenzene		U	2400	10500
100-51-6	Benzyl Alcohol		U	1920	10500
95-50-1	1,2-Dichlorobenzene		U	2270	10500
95-48-7	2-Methylphenol		U	1850	10500
108-60-1	bis(2-Chloroisopropyl)ether		U	2750	10500
106-44-5	3+4-Methylphenol		U	1780	10500
621-64-7	n-Nitroso-di-n-propylamine		U	2860	10500
67-72-1	Hexachloroethane		U	3040	10500
98-95-3	Nitrobenzene		U	2020	10500
78-59-1	Isophorone		U	2150	10500
88-75-5	2-Nitrophenol		U	2610	10500
105-67-9	2,4-Dimethylphenol		U	2220	10500
111-91-1	bis(2-Chloroethoxy)methane		U	2120	10500
120-83-2	2,4-Dichlorophenol		U	2250	10500
65-85-0	Benzoic Acid		U	3160	21100
120-82-1	1,2,4-Trichlorobenzene		U	2750	10500
91-20-3	Naphthalene	884	JD	3120	10500
87-65-0	2,6-Dichlorophenol		U	2260	10500
106-47-8	4-Chloroaniline		U	747	10500
87-68-3	Hexachlorobutadiene		U	2870	10500
59-50-7	4-Chloro-3-methylphenol		U	2210	10500
91-57-6	2-Methylnaphthalene		U	1910	10500
77-47-4	Hexachlorocyclopentadiene		U	1610	10500
88-06-2	2,4,6-Trichlorophenol		U	1140	10500
95-95-4	2,4,5-Trichlorophenol		U	2950	10500
91-58-7	2-Chloronaphthalene		U	1940	10500

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

SED-1 (1:10)

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25070892-001

Sample wt/vol: 30 (g/ml) G

Lab File ID: 2S4171.D

Level: (low/med) LOW

Date Collected: 7/12/05

% Moisture: 5

Date Extracted: 7/19/05

Concentrated Extract Volume: 3000 (uL)

Injection Volume: 1.0 (uL)

Date Analyzed: 8/2/05

Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION: ug/kg	Q	MDL	PQL
88-74-4	2-Nitroaniline		U	2240	10500
131-11-3	Dimethylphthalate		U	1850	10500
208-96-8	Acenaphthylene	800	JD	2020	10500
606-20-2	2,6-Dinitrotoluene		U	3230	10500
99-09-2	3-Nitroaniline		U	2060	10500
83-32-9	Acenaphthene	2580	D	2410	10500
51-28-5	2,4-Dinitrophenol		U	947	10500
132-64-9	Dibenzofuran	2780	D	2010	10500
100-02-7	4-Nitrophenol		U	2660	10500
121-14-2	2,4-Dinitrotoluene		U	2270	10500
58-90-2	2,3,4,6-Tetrachlorophenol		U	6850	10500
86-73-7	Fluorene	2980	D	1510	10500
84-66-2	Diethylphthalate		U	2340	10500
7005-72-3	4-Chlorophenyl phenyl ether		U	2210	10500
100-01-6	4-Nitroaniline		U	1960	10500
534-52-1	4,6-Dinitro-2-methylphenol		U	1650	10500
86-30-6	n-Nitrosodiphenylamine		U	2050	10500
103-33-3	1,2-Diphenylhydrazine		U	1770	10500
101-55-3	4-Bromophenyl-phenyl ether		U	1840	10500
118-74-1	Hexachlorobenzene		U	1780	10500
87-86-5	Pentachlorophenol		U	1260	10500
85-01-8	Phenanthrene	36300	D	2080	10500
120-12-7	Anthracene		U	2000	10500
86-74-8	Carbazole		U	1790	10500
84-74-2	Di-n-butylphthalate		U	1890	10500
206-44-0	Fluoranthene	15300	D	1930	10500
92-87-5	Benzidine		U	11700	10500
129-00-0	Pyrene	9210	D	2050	10500
85-68-7	Butylbenzylphthalate		U	1950	10500
56-55-3	Benzo[a]anthracene	5670	D	1750	10500
91-94-1	3,3'-Dichlorobenzidine		U	3460	10500
218-01-9	Chrysene	3160	D	2040	10500
117-81-7	bis(2-Ethylhexyl)phthalate	53200	D	3630	10500

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

SED-1 (1:10)

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25070892-001

Sample wt/vol: 30 (g/ml) G

Lab File ID: 2S4171.D

Level: (low/med) LOW

Date Collected: 7/12/05

% Moisture: 5

Date Extracted: 7/19/05

Concentrated Extract Volume: 3000 (uL)

Injection Volume: 1.0 (uL)

Date Analyzed: 8/2/05

Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION: ug/kg	Q	MDL	PQL
117-84-0	Di-n-octylphthalate		U	2060	10500
205-99-2	Benzo[b]fluoranthene	3380	D	1400	10500
207-08-9	Benzo[k]fluoranthene	2450	JD	2510	10500
50-32-8	Benzo[a]pyrene		U	1780	10500
193-39-5	Indeno(1,2,3-cd)pyrene		U	1540	10500
53-70-3	Dibenzo[a,h]anthracene		U	1520	10500
191-24-2	Benzo[g,h,i]perylene		U	1330	10500

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES
EPA Method 625/8270C Analytical Report
TENTATIVELY IDENTIFIED COMPOUNDS

Client Sample: **SED-1 (1:10)**

Client: Oxford Engineering
Project: Avis Headquarters

Matrix: (soil/water) SOIL
Sample wt/vol: 30 (g/ml) G
Level: (low/med) LOW
% Moisture: 5
Concentrated Extract Volume: 3000 (uL)
Injection Volume: 1.0 (uL)

Lab Sample ID: 25070892-001
Lab File ID: 2S4171.D
Date Collected: 7/12/05
Date Extracted: 7/19/05
Date Analyzed: 8/2/05
Dilution Factor: 10.0

Number TICs found: 9

CONCENTRATION ug/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000097-78-9	Glycine, N-methyl-N-(1-oxododе	12.20	19900	JND
2. 000120-40-1	Dodecanamide, N,N-bis(2-hydro	12.40	113000	JND
3. 000544-63-8	Tetradecanoic acid	14.38	18900	JND
4. 001002-84-2	Pentadecanoic acid	15.11	13000	JND
5. 000057-10-3	Hexadecanoic acid	16.21	566000	JND
6. 000506-12-7	Heptadecanoic acid	16.85	91700	JND
7.	unknown	18.81	138000	JD
8.	unknown	19.01	391000	JD
9. 000112-85-6	Docosanoic acid	20.29	114000	JND

Qualifiers: J - Estimated Concentration, N - CAS number present,
D - Diluted

Total Est. Conc: 1465500

FORM I SV-TIC

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

SED-2 (1:20)

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25080892-002

Sample wt/vol: 30.3 (g/ml) G

Lab File ID: 2S4166.D

Level: (low/med) LOW

Date Collected: 7/12/05

% Moisture: 5.6

Date Extracted: 7/19/05

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Date Analyzed: 8/2/05

Dilution Factor: 20.0

CAS NO.	COMPOUND	CONCENTRATION: ug/kg	Q	MDL	PQL
110-86-1	Pyridine		U	1220	7020
62-75-9	n-Nitroso-dimethylamine		U	1160	7020
62-53-3	Aniline		U	365	7020
108-95-2	Phenol		U	1520	7020
111-44-4	bis(2-Chloroethyl)ether		U	1470	7020
95-57-8	2-Chlorophenol		U	1760	7020
541-73-1	1,3-Dichlorobenzene		U	1620	7020
106-46-7	1,4-Dichlorobenzene		U	1600	7020
100-51-6	Benzyl Alcohol		U	1280	7020
95-50-1	1,2-Dichlorobenzene		U	1520	7020
95-48-7	2-Methylphenol		U	1240	7020
108-60-1	bis(2-Chloroisopropyl)ether		U	1830	7020
106-44-5	3+4-Methylphenol		U	1190	7020
621-64-7	n-Nitroso-di-n-propylamine		U	1910	7020
67-72-1	Hexachloroethane		U	2030	7020
98-95-3	Nitrobenzene		U	1350	7020
78-59-1	Isophorone		U	1430	7020
88-75-5	2-Nitrophenol		U	1740	7020
105-67-9	2,4-Dimethylphenol		U	1480	7020
111-91-1	bis(2-Chloroethoxy)methane		U	1410	7020
120-83-2	2,4-Dichlorophenol		U	1500	7020
65-85-0	Benzoic Acid		U	2110	14000
120-82-1	1,2,4-Trichlorobenzene		U	1830	7020
91-20-3	Naphthalene	1260	JD	2080	7020
87-65-0	2,6-Dichlorophenol		U	1510	7020
106-47-8	4-Chloroaniline		U	499	7020
87-68-3	Hexachlorobutadiene		U	1920	7020
59-50-7	4-Chloro-3-methylphenol		U	1470	7020
91-57-6	2-Methylnaphthalene	723	JD	1270	7020
77-47-4	Hexachlorocyclopentadiene		U	1070	7020
88-06-2	2,4,6-Trichlorophenol		U	758	7020
95-95-4	2,4,5-Trichlorophenol		U	1970	7020
91-58-7	2-Chloronaphthalene		U	1290	7020

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

SED-2 (1:20)

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Sample wt/vol: 30.3 (g/ml) G

Level: (low/med) LOW

% Moisture: 5.6

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Lab Sample ID: 25080892-002

Lab File ID: 2S4166.D

Date Collected: 7/12/05

Date Extracted: 7/19/05

Date Analyzed: 8/2/05

Dilution Factor: 20.0

CAS NO.	COMPOUND	CONCENTRATION: ug/kg	Q	MDL	PQL
88-74-4	2-Nitroaniline		U	1500	7020
131-11-3	Dimethylphthalate	1290	D	1240	7020
208-96-8	Acenaphthylene		U	1350	7020
606-20-2	2,6-Dinitrotoluene		U	2160	7020
99-09-2	3-Nitroaniline		U	1380	7020
83-32-9	Acenaphthene	5230	D	1610	7020
51-28-5	2,4-Dinitrophenol		U	632	7020
132-64-9	Dibenzofuran	2840	D	1340	7020
100-02-7	4-Nitrophenol		U	1780	7020
121-14-2	2,4-Dinitrotoluene		U	1520	7020
58-90-2	2,3,4,6-Tetrachlorophenol		U	4570	7020
86-73-7	Fluorene	4860	D	1000	7020
84-66-2	Diethylphthalate	786	JD	1560	7020
7005-72-3	4-Chlorophenyl phenyl ether		U	1470	7020
100-01-6	4-Nitroaniline		U	1310	7020
534-52-1	4,6-Dinitro-2-methylphenol		U	1100	7020
86-30-6	n-Nitrosodiphenylamine		U	1370	7020
103-33-3	1,2-Diphenylhydrazine		U	1180	7020
101-55-3	4-Bromophenyl-phenyl ether		U	1230	7020
118-74-1	Hexachlorobenzene		U	1190	7020
87-86-5	Pentachlorophenol		U	843	7020
85-01-8	Phenanthrene	27400	D	1390	7020
120-12-7	Anthracene	7340	D	1330	7020
86-74-8	Carbazole	6910	D	1190	7020
84-74-2	Di-n-butylphthalate	2720	D	1260	7020
206-44-0	Fluoranthene	36900	D	1290	7020
92-87-5	Benzidine		U	7790	7020
129-00-0	Pyrene	23000	D	1370	7020
85-68-7	Butylbenzylphthalate	2800	D	1300	7020
56-55-3	Benzo[a]anthracene	14600	D	1170	7020
91-94-1	3,3'-Dichlorobenzidine		U	2310	7020
218-01-9	Chrysene	12000	D	1360	7020
117-81-7	bis(2-Ethylhexyl)phthalate	88300	ED	2420	7020

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

SED-2 (1:20)

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25080892-002

Sample wt/vol: 30.3 (g/ml) G

Lab File ID: 2S4166.D

Level: (low/med) LOW

Date Collected: 7/12/05

% Moisture: 5.6

Date Extracted: 7/19/05

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Date Analyzed: 8/2/05

Dilution Factor: 20.0

CAS NO.	COMPOUND	CONCENTRATION: ug/kg	Q	MDL	PQL
117-84-0	Di-n-octylphthalate		U	1380	7020
205-99-2	Benzo[b]fluoranthene	12400	D	934	7020
207-08-9	Benzo[k]fluoranthene	5930	D	1670	7020
50-32-8	Benzo[a]pyrene	7460	D	1190	7020
193-39-5	Indeno(1,2,3-cd)pyrene	6310	D	1030	7020
53-70-3	Dibenzo[a,h]anthracene	737	JD	1010	7020
191-24-2	Benzo[g,h,i]perylene	1120	D	885	7020

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

SED-2 (1:40)

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25080892-002

Sample wt/vol: 30.3 (g/ml) G

Lab File ID: 2S4168.D

Level: (low/med) LOW

Date Collected: 7/12/05

% Moisture: 5.6

Date Extracted: 7/19/05

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Date Analyzed: 8/2/05

Dilution Factor: 40.0

CAS NO.	COMPOUND	CONCENTRATION: ug/kg	Q	MDL	PQL
110-86-1	Pyridine		U	2440	14000
62-75-9	n-Nitroso-dimethylamine		U	2320	14000
62-53-3	Aniline		U	730	14000
108-95-2	Phenol		U	3050	14000
111-44-4	bis(2-Chloroethyl)ether		U	2940	14000
95-57-8	2-Chlorophenol		U	3510	14000
541-73-1	1,3-Dichlorobenzene		U	3240	14000
106-46-7	1,4-Dichlorobenzene		U	3200	14000
100-51-6	Benzyl Alcohol		U	2560	14000
95-50-1	1,2-Dichlorobenzene		U	3030	14000
95-48-7	2-Methylphenol		U	2470	14000
108-60-1	bis(2-Chloroisopropyl)ether		U	3670	14000
106-44-5	3+4-Methylphenol		U	2370	14000
621-64-7	n-Nitroso-di-n-propylamine		U	3820	14000
67-72-1	Hexachloroethane		U	4060	14000
98-95-3	Nitrobenzene		U	2700	14000
78-59-1	Isophorone		U	2860	14000
88-75-5	2-Nitrophenol		U	3480	14000
105-67-9	2,4-Dimethylphenol		U	2960	14000
111-91-1	bis(2-Chloroethoxy)methane		U	2820	14000
120-83-2	2,4-Dichlorophenol		U	3010	14000
65-85-0	Benzoic Acid		U	4210	28100
120-82-1	1,2,4-Trichlorobenzene		U	3670	14000
91-20-3	Naphthalene	1280	JD	4160	14000
87-65-0	2,6-Dichlorophenol		U	3020	14000
106-47-8	4-Chloroaniline		U	997	14000
87-68-3	Hexachlorobutadiene		U	3830	14000
59-50-7	4-Chloro-3-methylphenol		U	2950	14000
91-57-6	2-Methylnaphthalene		U	2540	14000
77-47-4	Hexachlorocyclopentadiene		U	2150	14000
88-06-2	2,4,6-Trichlorophenol		U	1520	14000
95-95-4	2,4,5-Trichlorophenol		U	3930	14000
91-58-7	2-Chloronaphthalene		U	2580	14000

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

SED-2 (1:40)

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25080892-002

Sample wt/vol: 30.3 (g/ml) G

Lab File ID: 2S4168.D

Level: (low/med) LOW

Date Collected: 7/12/05

% Moisture: 5.6

Date Extracted: 7/19/05

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Date Analyzed: 8/2/05

Dilution Factor: 40.0

CAS NO.	COMPOUND	CONCENTRATION: ug/kg	Q	MDL	PQL
88-74-4	2-Nitroaniline		U	2990	14000
131-11-3	Dimethylphthalate	1390	JD	2470	14000
208-96-8	Acenaphthylene		U	2700	14000
606-20-2	2,6-Dinitrotoluene		U	4310	14000
99-09-2	3-Nitroaniline		U	2750	14000
83-32-9	Acenaphthene	5840	D	3220	14000
51-28-5	2,4-Dinitrophenol		U	1260	14000
132-64-9	Dibenzofuran	2810	D	2680	14000
100-02-7	4-Nitrophenol		U	3550	14000
121-14-2	2,4-Dinitrotoluene		U	3030	14000
58-90-2	2,3,4,6-Tetrachlorophenol		U	9140	14000
86-73-7	Fluorene	5420	D	2010	14000
84-66-2	Diethylphthalate		U	3120	14000
7005-72-3	4-Chlorophenyl phenyl ether		U	2950	14000
100-01-6	4-Nitroaniline		U	2610	14000
534-52-1	4,6-Dinitro-2-methylphenol		U	2200	14000
86-30-6	n-Nitrosodiphenylamine		U	2740	14000
103-33-3	1,2-Diphenylhydrazine		U	2360	14000
101-55-3	4-Bromophenyl-phenyl ether		U	2460	14000
118-74-1	Hexachlorobenzene		U	2370	14000
87-86-5	Pentachlorophenol		U	1690	14000
85-01-8	Phenanthrene	34500	D	2780	14000
120-12-7	Anthracene	9060	D	2670	14000
86-74-8	Carbazole	6780	D	2390	14000
84-74-2	Di-n-butylphthalate	2440	JD	2530	14000
206-44-0	Fluoranthene	39900	D	2570	14000
92-87-5	Benzidine		U	15600	14000
129-00-0	Pyrene	24900	D	2740	14000
85-68-7	Butylbenzylphthalate	2980	D	2600	14000
56-55-3	Benzo[a]anthracene	15700	D	2330	14000
91-94-1	3,3'-Dichlorobenzidine		U	4620	14000
218-01-9	Chrysene	14100	D	2720	14000
117-81-7	bis(2-Ethylhexyl)phthalate	101000	D	4850	14000

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

SED-2 (1:40)

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25080892-002

Sample wt/vol: 30.3 (g/ml) G

Lab File ID: 2S4168.D

Level: (low/med) LOW

Date Collected: 7/12/05

% Moisture: 5.6

Date Extracted: 7/19/05

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Date Analyzed: 8/2/05

Dilution Factor: 40.0

CAS NO.	COMPOUND	CONCENTRATION: ug/kg	Q	MDL	PQL
117-84-0	Di-n-octylphthalate		U	2750	14000
205-99-2	Benzo[b]fluoranthene	15700	D	1870	14000
207-08-9	Benzo[k]fluoranthene	8100	D	3340	14000
50-32-8	Benzo[a]pyrene	10900	D	2370	14000
193-39-5	Indeno(1,2,3-cd)pyrene	5490	D	2050	14000
53-70-3	Dibenzo[a,h]anthracene	1260	JD	2020	14000
191-24-2	Benzo[g,h,i]perylene	1530	JD	1770	14000

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES
EPA Method 625/8270C Analytical Report
TENTATIVELY IDENTIFIED COMPOUNDS

Client Sample: **SED-2 (1:20)**

Client: Oxford Engineering
Project: Avis Headquarters

Matrix: (soil/water) SOIL
Sample wt/vol: 30.3 (g/ml) G
Level: (low/med) LOW
% Moisture: 5.6
Concentrated Extract Volume: 1000 (uL)
Injection Volume: 1.0 (uL)

Lab Sample ID: 25080892-002
Lab File ID: 2S4166.D
Date Collected: 7/12/05
Date Extracted: 7/19/05
Date Analyzed: 8/2/05
Dilution Factor: 20.0

Number TICs found: 11

CONCENTRATION ug/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000120-40-1	Dodecanamide, N,N-bis(2-hydro	12.16	5770	JND
2. 000544-63-8	Tetradecanoic acid	14.04	9580	JND
3. 000203-64-5	4H-Cyclopenta[def]phenanthren	15.34	5340	JND
4. 000057-10-3	Hexadecanoic acid	15.83	59400	JND
5.	unknown	17.19	6920	JD
6. 000057-11-4	Octadecanoic acid	17.44	65400	JND
7. 000243-17-4	11H-Benzo[b]fluorene	17.72	5060	JND
8.	unknown	19.64	4570	JD
9. 000603-11-2	1,2-Benzenedicarboxylic acid, 3-	19.92	8190	JND
10.	unknown	23.46	25100	JD
11. 000057-88-5	Cholesterol	23.51	73500	JND

Qualifiers: J - Estimated Concentration, N - CAS number present,
D - Diluted

Total Est. Conc: 268830

FORM I SV-TIC

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

SED-3 (1:10)

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25080892-003

Sample wt/vol: 30.3 (g/ml) G

Lab File ID: 2S4167.D

Level: (low/med) LOW

Date Collected: 7/12/05

% Moisture: 28.8

Date Extracted: 7/19/05

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Date Analyzed: 8/2/05

Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION: ug/kg	Q	MDL	PQL
110-86-1	Pyridine		U	809	4650
62-75-9	n-Nitroso-dimethylamine		U	767	4650
62-53-3	Aniline		U	242	4650
108-95-2	Phenol		U	1010	4650
111-44-4	bis(2-Chloroethyl)ether		U	972	4650
95-57-8	2-Chlorophenol		U	1160	4650
541-73-1	1,3-Dichlorobenzene		U	1070	4650
106-46-7	1,4-Dichlorobenzene		U	1060	4650
100-51-6	Benzyl Alcohol		U	846	4650
95-50-1	1,2-Dichlorobenzene		U	1000	4650
95-48-7	2-Methylphenol		U	818	4650
108-60-1	bis(2-Chloroisopropyl)ether		U	1210	4650
106-44-5	3+4-Methylphenol		U	786	4650
621-64-7	n-Nitroso-di-n-propylamine		U	1260	4650
67-72-1	Hexachloroethane		U	1340	4650
98-95-3	Nitrobenzene		U	892	4650
78-59-1	Isophorone		U	948	4650
88-75-5	2-Nitrophenol		U	1150	4650
105-67-9	2,4-Dimethylphenol		U	981	4650
111-91-1	bis(2-Chloroethoxy)methane		U	934	4650
120-83-2	2,4-Dichlorophenol		U	995	4650
65-85-0	Benzoic Acid		U	1390	9300
120-82-1	1,2,4-Trichlorobenzene		U	1210	4650
91-20-3	Naphthalene	879	JD	1380	4650
87-65-0	2,6-Dichlorophenol		U	999	4650
106-47-8	4-Chloroaniline		U	330	4650
87-68-3	Hexachlorobutadiene		U	1270	4650
59-50-7	4-Chloro-3-methylphenol		U	976	4650
91-57-6	2-Methylnaphthalene	1290	D	841	4650
77-47-4	Hexachlorocyclopentadiene		U	711	4650
88-06-2	2,4,6-Trichlorophenol		U	502	4650
95-95-4	2,4,5-Trichlorophenol		U	1300	4650
91-58-7	2-Chloronaphthalene		U	855	4650

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected In Blank, E - Exceeds Calibration Range

FORM I SV-1

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

SED-3 (1:10)

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25080892-003

Sample wt/vol: 30.3 (g/ml) G

Lab File ID: 2S4167.D

Level: (low/med) LOW

Date Collected: 7/12/05

% Moisture: 28.8

Date Extracted: 7/19/05

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Date Analyzed: 8/2/05

Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION: ug/kg	Q	MDL	PQL
88-74-4	2-Nitroaniline		U	990	4650
131-11-3	Dimethylphthalate		U	818	4650
208-96-8	Acenaphthylene	1390	D	892	4650
606-20-2	2,6-Dinitrotoluene		U	1430	4650
99-09-2	3-Nitroaniline		U	911	4650
83-32-9	Acenaphthene	6130	D	1060	4650
51-28-5	2,4-Dinitrophenol		U	418	4650
132-64-9	Dibenzofuran	2680	D	888	4650
100-02-7	4-Nitrophenol		U	1180	4650
121-14-2	2,4-Dinitrotoluene		U	1000	4650
58-90-2	2,3,4,6-Tetrachlorophenol		U	3030	4650
86-73-7	Fluorene	5790	D	665	4650
84-66-2	Diethylphthalate	311	JD	1030	4650
7005-72-3	4-Chlorophenyl phenyl ether		U	976	4650
100-01-6	4-Nitroaniline		U	865	4650
534-52-1	4,6-Dinitro-2-methylphenol		U	730	4650
86-30-6	n-Nitrosodiphenylamine		U	906	4650
103-33-3	1,2-Diphenylhydrazine		U	781	4650
101-55-3	4-Bromophenyl-phenyl ether		U	813	4650
118-74-1	Hexachlorobenzene		U	786	4650
87-86-5	Pentachlorophenol		U	558	4650
85-01-8	Phenanthrene	54800	ED	920	4650
120-12-7	Anthracene	13200	D	883	4650
86-74-8	Carbazole	8520	D	790	4650
84-74-2	Di-n-butylphthalate	2360	D	837	4650
206-44-0	Fluoranthene	80700	ED	851	4650
92-87-5	Benzidine		U	5160	4650
129-00-0	Pyrene	39900	ED	906	4650
85-68-7	Butylbenzylphthalate		U	860	4650
56-55-3	Benzo[a]anthracene	54000	ED	772	4650
91-94-1	3,3'-Dichlorobenzidine		U	1530	4650
218-01-9	Chrysene	31500	D	902	4650
117-81-7	bis(2-Ethylhexyl)phthalate	3410	D	1600	4650

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

SED-3 (1:10)

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25080892-003

Sample wt/vol: 30.3 (g/ml) G

Lab File ID: 2S4167.D

Level: (low/med) LOW

Date Collected: 7/12/05

% Moisture: 28.8

Date Extracted: 7/19/05

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Date Analyzed: 8/2/05

Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION: ug/kg	Q	MDL	PQL
117-84-0	Di-n-octylphthalate		U	911	4650
205-99-2	Benzo[b]fluoranthene	40800	ED	618	4650
207-08-9	Benzo[k]fluoranthene	30800	D	1110	4650
50-32-8	Benzo[a]pyrene	20700	D	786	4650
193-39-5	Indeno(1,2,3-cd)pyrene	13300	D	679	4650
53-70-3	Dibenzo[a,h]anthracene	6140	D	669	4650
191-24-2	Benzo[g,h,i]perylene	14400	D	586	4650

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES
EPA Method 625/8270C Analytical Report
TENTATIVELY IDENTIFIED COMPOUNDS

Client Sample: **SED-3 (1:10)**

Client: Oxford Engineering
Project: Avis Headquarters

Matrix: (soil/water) SOIL
Sample wt/vol: 30.3 (g/ml) G
Level: (low/med) LOW
% Moisture: 28.8
Concentrated Extract Volume: 1000 (uL)
Injection Volume: 1.0 (uL)

Lab Sample ID: 25080892-003
Lab File ID: 2S4167.D
Date Collected: 7/12/05
Date Extracted: 7/19/05
Date Analyzed: 8/2/05
Dilution Factor: 10.0

Number TICs found: 3

CONCENTRATION
ug/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000540-97-6	Cyclohexasiloxane, dodecameth	9.29	3760	JND
2. 000610-48-0	Anthracene, 1-methyl-	15.26	2930	JND
3.	unknown	15.37	4940	JD

Qualifiers: J - Estimated Concentration, N - CAS number present,
D - Diluted

Total Est. Conc: 11630

FORM I SV-TIC

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

SED-3 (1:40)

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25080892-003

Sample wt/vol: 30.3 (g/ml) G

Lab File ID: 2S4169.D

Level: (low/med) LOW

Date Collected: 7/12/05

% Moisture: 28.8

Date Extracted: 7/19/05

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Date Analyzed: 8/2/05

Dilution Factor: 40.0

CAS NO.	COMPOUND	CONCENTRATION: ug/kg	Q	MDL	PQL
110-86-1	Pyridine		U	3240	18600
62-75-9	n-Nitroso-dimethylamine		U	3070	18600
62-53-3	Aniline		U	967	18600
108-95-2	Phenol		U	4030	18600
111-44-4	bis(2-Chloroethyl)ether		U	3890	18600
95-57-8	2-Chlorophenol		U	4650	18600
541-73-1	1,3-Dichlorobenzene		U	4300	18600
106-46-7	1,4-Dichlorobenzene		U	4240	18600
100-51-6	Benzyl Alcohol		U	3380	18600
95-50-1	1,2-Dichlorobenzene		U	4020	18600
95-48-7	2-Methylphenol		U	3270	18600
108-60-1	bis(2-Chloroisopropyl)ether		U	4850	18600
106-44-5	3+4-Methylphenol		U	3140	18600
621-64-7	n-Nitroso-di-n-propylamine		U	5060	18600
67-72-1	Hexachloroethane		U	5370	18600
98-95-3	Nitrobenzene		U	3570	18600
78-59-1	Isophorone		U	3790	18600
88-75-5	2-Nitrophenol		U	4610	18600
105-67-9	2,4-Dimethylphenol		U	3920	18600
111-91-1	bis(2-Chloroethoxy)methane		U	3740	18600
120-83-2	2,4-Dichlorophenol		U	3980	18600
65-85-0	Benzoic Acid		U	5580	37200
120-82-1	1,2,4-Trichlorobenzene		U	4850	18600
91-20-3	Naphthalene	985	JD	5500	18600
87-65-0	2,6-Dichlorophenol		U	4000	18600
106-47-8	4-Chloroaniline		U	1320	18600
87-68-3	Hexachlorobutadiene		U	5080	18600
59-50-7	4-Chloro-3-methylphenol		U	3900	18600
91-57-6	2-Methylnaphthalene	1060	JD	3370	18600
77-47-4	Hexachlorocyclopentadiene		U	2840	18600
88-06-2	2,4,6-Trichlorophenol		U	2010	18600
95-95-4	2,4,5-Trichlorophenol		U	5210	18600
91-58-7	2-Chloronaphthalene		U	3420	18600

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

SED-3 (1:40)

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25080892-003

Sample wt/vol: 30.3 (g/ml) G

Lab File ID: 2S4169.D

Level: (low/med) LOW

Date Collected: 7/12/05

% Moisture: 28.8

Date Extracted: 7/19/05

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Date Analyzed: 8/2/05

Dilution Factor: 40.0

CAS NO.	COMPOUND	CONCENTRATION: ug/kg	Q	MDL	PQL
88-74-4	2-Nitroaniline		U	3960	18600
131-11-3	Dimethylphthalate		U	3270	18600
208-96-8	Acenaphthylene		U	3570	18600
606-20-2	2,6-Dinitrotoluene		U	5710	18600
99-09-2	3-Nitroaniline		U	3640	18600
83-32-9	Acenaphthene	7120	D	4260	18600
51-28-5	2,4-Dinitrophenol		U	1670	18600
132-64-9	Dibenzofuran	2400	JD	3550	18600
100-02-7	4-Nitrophenol		U	4700	18600
121-14-2	2,4-Dinitrotoluene		U	4020	18600
58-90-2	2,3,4,6-Tetrachlorophenol		U	12100	18600
86-73-7	Fluorene	6140	D	2660	18600
84-66-2	Diethylphthalate		U	4130	18600
7005-72-3	4-Chlorophenyl phenyl ether		U	3900	18600
100-01-6	4-Nitroaniline		U	3460	18600
534-52-1	4,6-Dinitro-2-methylphenol		U	2920	18600
86-30-6	n-Nitrosodiphenylamine		U	3630	18600
103-33-3	1,2-Diphenylhydrazine		U	3120	18600
101-55-3	4-Bromophenyl-phenyl ether		U	3250	18600
118-74-1	Hexachlorobenzene		U	3140	18600
87-86-5	Pentachlorophenol		U	2230	18600
85-01-8	Phenanthrene	56600	D	3680	18600
120-12-7	Anthracene	15000	D	3530	18600
86-74-8	Carbazole	8240	D	3160	18600
84-74-2	Di-n-butylphthalate	2440	JD	3350	18600
206-44-0	Fluoranthene	89400	D	3400	18600
92-87-5	Benzidine		U	20600	18600
129-00-0	Pyrene	41500	D	3630	18600
85-68-7	Butylbenzylphthalate		U	3440	18600
56-55-3	Benzo[a]anthracene	50200	D	3090	18600
91-94-1	3,3'-Dichlorobenzidine		U	6120	18600
218-01-9	Chrysene	43300	D	3610	18600
117-81-7	bis(2-Ethylhexyl)phthalate	4160	JD	6410	18600

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

SED-3 (1:40)

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25080892-003

Sample wt/vol: 30.3 (g/ml) G

Lab File ID: 2S4169.D

Level: (low/med) LOW

Date Collected: 7/12/05

% Moisture: 28.8

Date Extracted: 7/19/05

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Date Analyzed: 8/2/05

Dilution Factor: 40.0

CAS NO.	COMPOUND	CONCENTRATION: ug/kg	Q	MDL	PQL
117-84-0	Di-n-octylphthalate		U	3640	18600
205-99-2	Benzo[b]fluoranthene	39400	D	2470	18600
207-08-9	Benzo[k]fluoranthene	29400	D	4430	18600
50-32-8	Benzo[a]pyrene	12300	D	3140	18600
193-39-5	Indeno(1,2,3-cd)pyrene	9000	D	2710	18600
53-70-3	Dibenzo[a,h]anthracene	3770	D	2680	18600
191-24-2	Benzo[g,h,i]perylene	10800	D	2340	18600

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample: **SED-4 (1:16)**

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Sample wt/vol: 15.2 (g/ml) G

Level: (low/med) LOW

% Moisture: 44.3

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Lab Sample ID: 25080892-004

Lab File ID: 2S4170.D

Date Collected: 7/12/05

Date Extracted: 7/19/05

Date Analyzed: 8/2/05

Dilution Factor: 16.0

CAS NO.	COMPOUND	CONCENTRATION: ug/kg	Q	MDL	PQL
110-86-1	Pyridine		U	3270	18800
62-75-9	n-Nitroso-dimethylamine		U	3100	18800
62-53-3	Aniline		U	977	18800
108-95-2	Phenol		U	4080	18800
111-44-4	bis(2-Chloroethyl)ether		U	3930	18800
95-57-8	2-Chlorophenol		U	4700	18800
541-73-1	1,3-Dichlorobenzene		U	4340	18800
106-46-7	1,4-Dichlorobenzene		U	4290	18800
100-51-6	Benzyl Alcohol		U	3420	18800
95-50-1	1,2-Dichlorobenzene		U	4060	18800
95-48-7	2-Methylphenol		U	3310	18800
108-60-1	bis(2-Chloroisopropyl)ether		U	4910	18800
106-44-5	3+4-Methylphenol		U	3180	18800
621-64-7	n-Nitroso-di-n-propylamine		U	5110	18800
67-72-1	Hexachloroethane		U	5430	18800
98-95-3	Nitrobenzene		U	3610	18800
78-59-1	Isophorone		U	3830	18800
88-75-5	2-Nitrophenol		U	4660	18800
105-67-9	2,4-Dimethylphenol		U	3970	18800
111-91-1	bis(2-Chloroethoxy)methane		U	3780	18800
120-83-2	2,4-Dichlorophenol		U	4020	18800
65-85-0	Benzoic Acid		U	5640	37600
120-82-1	1,2,4-Trichlorobenzene		U	4910	18800
91-20-3	Naphthalene		U	5560	18800
87-65-0	2,6-Dichlorophenol		U	4040	18800
106-47-8	4-Chloroaniline		U	1330	18800
87-68-3	Hexachlorobutadiene		U	5130	18800
59-50-7	4-Chloro-3-methylphenol		U	3950	18800
91-57-6	2-Methylnaphthalene		U	3400	18800
77-47-4	Hexachlorocyclopentadiene		U	2880	18800
88-06-2	2,4,6-Trichlorophenol		U	2030	18800
95-95-4	2,4,5-Trichlorophenol		U	5260	18800
91-58-7	2-Chloronaphthalene		U	3460	18800

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected In Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

SED-4 (1:16)

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Sample wt/vol: 15.2 (g/ml) G

Level: (low/med) LOW

% Moisture: 44.3

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Lab Sample ID: 25080892-004

Lab File ID: 2S4170.D

Date Collected: 7/12/05

Date Extracted: 7/19/05

Date Analyzed: 8/2/05

Dilution Factor: 16.0

CAS NO.	COMPOUND	CONCENTRATION: ug/kg	Q	MDL	PQL
88-74-4	2-Nitroaniline		U	4000	18800
131-11-3	Dimethylphthalate		U	3310	18800
208-96-8	Acenaphthylene		U	3610	18800
606-20-2	2,6-Dinitrotoluene		U	5770	18800
99-09-2	3-Nitroaniline		U	3680	18800
83-32-9	Acenaphthene		U	4300	18800
51-28-5	2,4-Dinitrophenol		U	1690	18800
132-64-9	Dibenzofuran		U	3590	18800
100-02-7	4-Nitrophenol		U	4760	18800
121-14-2	2,4-Dinitrotoluene		U	4060	18800
58-90-2	2,3,4,6-Tetrachlorophenol		U	12200	18800
86-73-7	Fluorene		U	2690	18800
84-66-2	Diethylphthalate		U	4170	18800
7005-72-3	4-Chlorophenyl phenyl ether		U	3950	18800
100-01-6	4-Nitroaniline		U	3500	18800
534-52-1	4,6-Dinitro-2-methylphenol		U	2950	18800
86-30-6	n-Nitrosodiphenylamine		U	3670	18800
103-33-3	1,2-Diphenylhydrazine		U	3160	18800
101-55-3	4-Bromophenyl-phenyl ether		U	3290	18800
118-74-1	Hexachlorobenzene		U	3180	18800
87-86-5	Pentachlorophenol		U	2260	18800
85-01-8	Phenanthrene	4870	D	3720	18800
120-12-7	Anthracene		U	3570	18800
86-74-8	Carbazole		U	3200	18800
84-74-2	Di-n-butylphthalate		U	3380	18800
206-44-0	Fluoranthene	15600	D	3440	18800
92-87-5	Benzidine		U	20800	18800
129-00-0	Pyrene	11100	D	3670	18800
85-68-7	Butylbenzylphthalate		U	3480	18800
56-55-3	Benzo[a]anthracene	6030	D	3120	18800
91-94-1	3,3'-Dichlorobenzidine		U	6180	18800
218-01-9	Chrysene	4720	D	3650	18800
117-81-7	bis(2-Ethylhexyl)phthalate	41300	D	6480	18800

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES

EPA Method 625/8270C Analytical Report

Client Sample

SED-4 (1:16)

Client: Oxford Engineering

Project: Avis Headquarters

Matrix: SOIL

Lab Sample ID: 25080892-004

Sample wt/vol: 15.2 (g/ml) G

Lab File ID: 2S4170.D

Level: (low/med) LOW

Date Collected: 7/12/05

% Moisture: 44.3

Date Extracted: 7/19/05

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 1.0 (uL)

Date Analyzed: 8/2/05

Dilution Factor: 16.0

CAS NO.	COMPOUND	CONCENTRATION: ug/kg	Q	MDL	PQL
117-84-0	Di-n-octylphthalate		U	3680	18800
205-99-2	Benzo[b]fluoranthene	5080	D	2500	18800
207-08-9	Benzo[k]fluoranthene	7120	D	4470	18800
50-32-8	Benzo[a]pyrene		U	3180	18800
193-39-5	Indeno(1,2,3-cd)pyrene		U	2740	18800
53-70-3	Dibenzo[a,h]anthracene		U	2710	18800
191-24-2	Benzo[g,h,i]perylene	3910	D	2370	18800

Qualifiers: U - Undetected, J - Estimated Concentration, D - Diluted,

B - Detected in Blank, E - Exceeds Calibration Range

AQUA PRO-TECH LABORATORIES
EPA Method 625/8270C Analytical Report
TENTATIVELY IDENTIFIED COMPOUNDS

Client Sample: **SED-4 (1:16)**

Client: Oxford Engineering
Project: Avis Headquarters

Matrix: (soil/water) SOIL
Sample wt/vol: 15.2 (g/ml) G
Level: (low/med) LOW
% Moisture: 44.3
Concentrated Extract Volume: 1000 (uL)
Injection Volume: 1.0 (uL)

Lab Sample ID: 25080892-004
Lab File ID: 2S4170.D
Date Collected: 7/12/05
Date Extracted: 7/19/05
Date Analyzed: 8/2/05
Dilution Factor: 16.0

Number TICs found: 11

CONCENTRATION
ug/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000000-00-0	Phenol, 4-(2,2,4-trimethylpentyl)-	13.05	11400	JND
2.	unknown	13.38	50500	JD
3. 000140-66-9	Phenol, 4-(1,1,3,3-tetramethylbut	13.47	51800	JND
4.	unknown	13.55	37800	JD
5. 000104-40-5	4-Nonylphenol	13.63	54000	JND
6.	unknown	13.73	45800	JD
7.	unknown	13.76	42500	JD
8.	unknown	13.82	78200	JD
9.	unknown	13.91	69700	JD
10. 025154-52-3	Phenol, nonyl-	13.98	34800	JND
11.	unknown	14.10	50800	JD

Qualifiers: J - Estimated Concentration, N - CAS number present,
D - Diluted

Total Est. Conc: 527300

FORM I SV-TIC

ENTERED 1/19/06 TG

Underground Storage Tank Closure Report

RECEIVED
SEP 22 2005
SIMON PROPERTY GROUP
FACILITY OPERATIONS

Former Avis Headquarters Property
900 Old Country Road
Garden City, Hempstead, New York 11530

Prepared For:
Simon Property Group
National City Center
115 West Washington Street
Indianapolis, Indiana 46204

Prepared By:
Oxford Engineering Company
336 Point Street
Camden, New Jersey 08102

OEC Project Number:
05-044

Date Prepared:

September 14, 2005

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UST Closure – Sample Location Plan, Drawing No. 1

Appendix B
UST Closure Notifications and Former UST Registration Documentation

Appendix C
Waste Manifests

Appendix D
Clean Storage Tank Certification and Disposal Manifest

Appendix E
NCDOH Field Investigation Report

Appendix F
Clean Fill Certification

UNDERGROUND STORAGE TANK REMOVALS

Former Avis Headquarters Property
900 Old Country Road
Garden City, New York 11530
OEC Project # 05-044

I. EXECUTIVE SUMMARY

Oxford Engineering Company was retained by Simon Property Group to remove one (1) 4,000-gallon diesel fuel underground storage tank (UST) and one (1) 20,000-gallon No. 6 fuel UST from the Former Avis Headquarters Property, 900 Old Country Road, Garden City, New York. The tank removal and site restoration activities were conducted on July 12 through July 15, 2005. *(Refer to Appendix B for the UST Closure Notifications and former UST registration documentation.)*

Prior to the tank removals, the tops of the tanks were accessed and cut open. The residual product was removed from the tanks and disposed of at New York Oil Recovery, Inc., a recycling facility locate in Brooklyn, New York (*Refer to Appendix C for Waste Manifests).* The tanks were cleaned in accordance with API Bulletin #2015, federal, state and local codes. The tanks were removed and transported off-site for disposal *(Refer to Appendix D for Clean Tank Certification and Disposal Manifest).* The tank excavations were visually inspected and screened with a photo ionization detector (PID). No contaminated soil was encountered in either tank excavation. The removed USTs and associated excavations were visually inspected by the Nassau County Department of Health (NCDOH) on July 14, 2005 and confirmed of a clean *removal (Refer to Appendix E for NCDOH Field Investigation Report).*

Following the visual inspections and field screening, both tank excavations were backfilled to grade with the excavated pea gravel and recycled concrete and asphalt (RCA) blend *(refer to Appendix F for Clean Fill Certification).*

Based on the information presented above, no further action is recommended relative to the removal of the subject USTs.

II. UST REMOVAL DESCRIPTION

A. General Site Information:

UST Registration Nos.:

4,000-Gallon Diesel Fuel UST
(Registered with County of Nassau, Office of Fire Marshal)
Location ID: 21691
Permit No. 1999TR00866
Tank ID: 52472

20,000-Gallon No. 6 Fuel Oil UST
(Registered with Nassau County Department of Health)
Facility No.: 037024
Tank ID: Tank 0005

UST Size/Composition: One (1) 4,000-Gallon UST; Double Wall Fiberglass
One (1) 20,000-Gallon UST; Double Wall Fiberglass

Condition of USTs: Both Good, No Damage Observed

Facility Location: 900 Old Country Road
Garden City, New York 11530

Owners Name & Address: Avis Rent A Car System
900 Old Country Road
Garden City, New York 11530

Contact Person: Glenn Pressler, Operations Director
Roosevelt Field Mall
Old Country Road
Garden City, New York 11530
(516) 742-8001

B. Certifications/Licenses

Licensed Removal Company: Action Remediation, Inc.
3010 Burns Avenue
Wantagh, New York 11793-3269

III. SITE ACTIVITIES

One (1) 4,000-Gallon Diesel Fuel Underground Storage Tank

Prior to the removal of the 4,000-gallon UST, the top of the tank was accessed and cut open. The residual product was removed from the tank utilizing a pump truck and disposed of at New York Oil Recovery, Inc., a recycling facility locate in Brooklyn, New York (*Refer to Appendix C for Waste Manifests).* The tank was cleaned in accordance with API Bulletin #2015, federal, state and local codes. The concrete slab tank cover was removed utilizing a John Deere 790 Track Excavator. The concrete slab was stockpiled on site for disposal during the planned building demolition activities.

The size of the 4,000-gallon diesel fuel underground storage tank (UST) was 6.5' in diameter by 20' long and the UST had approximately 4' of pea gravel cover. There were two (2) separate sets of 1" copper supply and return piping running to two (2) former emergency generators and a single fiberglass vent line associated with this UST. The former emergency generator day-tank was cleaned and removed and the floor drain traps in each of the former emergency generator rooms were vacuumed and cleaned of residual fuel oil. Oil recovered was disposed at Clean Water, a recycling facility located in Staten Island, New York. The supply and return piping and the vent line were removed along with the UST. Groundwater was not encountered in the tank excavation. Once the tank was removed from the excavation, the concrete anchor slab and subgrade soils were evaluated to determine if contamination was present.

Visual observation of the soils revealed no staining along the sidewalls or beneath the tank. It should be noted that there was a significant quantity of pea gravel surrounding the tank and in the excavation. The excavation was additionally screened using a photo-ionization detector (PID). Three (3) soil samples were collected from the base of the tank excavation directly adjacent to the concrete anchor slab. Soil was extracted from the base of the excavation from a depth of 10.5' to 11.0' utilizing the excavator bucket, and the soil samples were collected utilizing dedicated sampling trowels. One (1) sample was collected from each end of the UST anchor slab and one (1) sample was collected from the midpoint of the former UST adjacent to the anchor slab *(Refer to Drawing 1 in Appendix A for sample locations).*

The soil samples (E1-1, E1-2 and E1-3) were placed in new Ziploc®-type re-sealable plastic bags for a "headspace" measurement with the PID. By placing the material inside a sealed plastic bag, any volatile organic vapors that would emanate from the excavated materials would be contained in the plastic bag so that the PID could measure them when the probe was carefully inserted, providing a relative measure of volatile organic compound impact. The soil sample PID headspace readings were all at the background level of 0.0 parts per million (ppm) with no evidence of volatile organic compound impact. As such, no soil samples were submitted for laboratory analysis. A summary of the soil sample screening results is provided in Section IV.

On July 14, 2005, the removed UST and the tank excavation were visually inspected by Ms. Elizabeth Jean-Francois of the Nassau County Department of Health (NCDOH), Bureau of Environmental Protection. Ms. Jean-Francois informed OEC that the UST excavation was clean with no sign of contamination and that the excavation could be backfilled. Following the visual inspections and extraction of the soil samples, the excavation was backfilled with the excavated pea gravel and

supplemented with recycled concrete and asphalt (RCA) blend (*refer to Appendix F for the certification of clean backfill material*). Site restoration activities included only backfilling to existing grade due to the planned demolition of the Avis Headquarters buildings. Following inspection by the NCDOH, the tank was loaded and transported off-site for disposal *(Refer to Appendix D for Clean Tank Certification and Disposal Manifest).*

Based on the information presented above, no further action is recommended relative to the former 4,000-Gallon Diesel Fuel UST.

One (1) 20,000-Gallon No. 6 Fuel Oil Underground Storage Tank

Prior to the removal of the 20,000-gallon UST, the top of the tank was accessed and cut open. Approximately 36 inches of product was found to remain in the base of the tank. The residual product was removed from the tank utilizing a steam heating system and a pump truck and disposed of at New York Oil Recovery, Inc., a recycling facility locate in Brooklyn, New York (*Refer to Appendix C for Waste Manifests).* Approximately 5,465 gallons of No. 6 oil and sludge was removed from the tank and disposed. The tank was cleaned in accordance with API Bulletin #2015, federal, state and local codes. The concrete slab tank cover was removed utilizing a John Deere 790 Track Excavator. The concrete slab was stockpiled on site for disposal during the planned building demolition activities.

The size of the 20,000 gallon diesel fuel underground storage tank (UST) was 10' in diameter by 38' long and the UST had approximately 4' of pea gravel cover. The heating and filtering units for the No. 6 fuel oil, located in the boiler room were accessed and cleaned of residual fuel oil utilizing a vacuum truck. Oil recovered was disposed at Clean Water, a recycling facility located in Staten Island, New York. There was a set of 2" diameter double wall fiberglass supply and return piping running to the boiler room and a fiberglass vent line associated with this UST. The supply and return piping were cut, cleaned and capped at the western face of the excavation. The vent line was removed along with the UST. Groundwater was not encountered in the tank excavation. Once the tank was removed from the excavation, the concrete anchor slab and subgrade soils were evaluated to determine if contamination was present.

Visual observation of the soils revealed no staining along the sidewalls or beneath the tank. It should be noted that there was a significant quantity of pea gravel surrounding the tank and within the excavation. The excavation was additionally screened using a PID. Three (3) soil samples were collected from the base of the tank excavation directly adjacent to the concrete anchor slab. Soil was extracted from the base of the excavation from a depth of 14.0' to 14.5' utilizing the excavator bucket, and the soil samples were collected utilizing dedicated sampling trowels. One (1) sample was collected from each end of the UST anchor slab and one (1) sample was collected from the midpoint of the former UST adjacent to the anchor slab *(Refer to Drawing 1 in Appendix A for sample locations).*

The soil samples collected (E2-1, E2-2 and E2-3) were placed in new Ziploc®-type re-sealable plastic bags for a "headspace" measurement with the PID. By placing the material inside a sealed plastic bag, any volatile organic vapors that would emanate from the excavated materials would be contained in the plastic bag so that the PID could measure them when the probe was carefully inserted, providing a

relative measure of volatile organic compound impact. The soil sample PID headspace readings were all at the background level of 0.0 ppm with no evidence of volatile organic compound impact. As such, no soil samples were submitted for laboratory analysis. A summary of the soil sample screening results is provided in Section IV.

On July 14, 2005, the removed UST and the excavation were visually inspected by Ms. Elizabeth Jean-Francois of the Nassau County Department of Health (NCDOH), Bureau of Environmental Protection. Ms. Jean-Francois informed OEC that the UST excavation was clean and that the excavation could be backfilled. Following the visual inspections and extraction of the soil samples, the excavation was backfilled with the excavated pea gravel and supplemented with recycled concrete and asphalt (RCA) blend (*refer to Appendix F for the certification of clean backfill material*). Site restoration activities included only backfilling to existing grade due to the planned demolition of the Avis Headquarters buildings. Following inspection by the NCDOH, the tank was loaded and transported off-site for disposal *(Refer to Appendix D for Clean Tank Certification and Disposal Manifest).*

It should be noted that on July 14, 2005 a previously unidentified domestic water supply line was encountered immediately adjacent to the south side of the 20,000-gallon UST. OEC had been informed that there was no active water service to the Avis Headquarters buildings. The water line encountered was an 8" steel line with bell ends and mechanical fittings. While excavating the tank pea gravel fell away from the length of the water line causing it to sag in the middle and causing a joint near the building and surface valve to spread and leak. The sagging portion of the line was immediately lifted utilizing the excavator, which resulted in the spread joint closing and eliminating the majority of the water leak.

The Hempstead Water Company and Mr. Tony Robertson of the Roosevelt Field Mall were immediately contacted to have the water turned off at the main. The Water Company responded and informed OEC that the shut-off valves were located on the property. Mr. Robertson was on the work site at that point and directed OEC to the valve pit. The valve pit was accessed and the valve on the water supply line was shut off by the tank removal subcontractor, completely stopping the leak. Repair of the water line was discussed with Mr. Robertson and OEC was informed that a repair to the line would not be necessary because no water service was required to the unoccupied buildings since they were planned to be demolished.

Based on the information presented above, no further action is recommended relative to the former 20,000-Gallon No. 6 Fuel Oil UST.

IV. SOIL SAMPLE SCREENING RESULTS SUMMARY

Field Sample ID	Sample Depth (feet below grade)	Parameters Analyzed	PID Background Concentration (ppm)	PID Screening Concentration (ppm)
4,000 GALLON DIESEL FUEL UST:				
E1-1	10.5' – 11.0'	VOs via PID	0.0	0.0
E1-2	10.5' – 11.0'	VOs via PID	0.0	0.0
E1-3	10.5' – 11.0'	VOs via PID	0.0	0.0
20,000 GALLON NO. 6 FUEL UST:				
E2-1	14.0' – 14.5'	VOs via PID	0.0	0.0
E2-2	14.0' – 14.5'	VOs via PID	0.0	0.0
E2-3	14.0' – 14.5'	VOs via PID	0.0	0.0

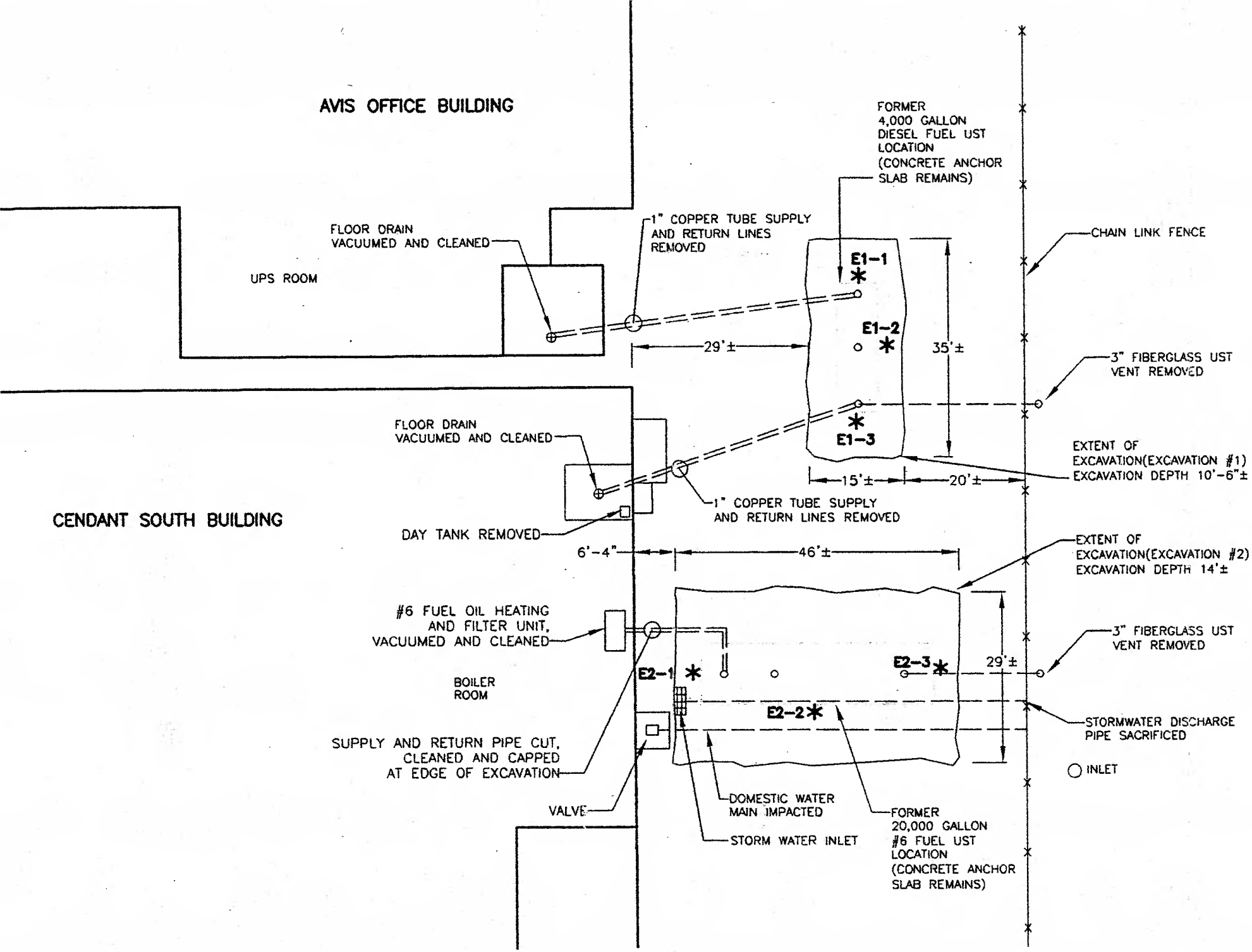
VOs = Volatile Organics
PID = Photo-ionization Detector

V. CONCLUSIONS

The visual investigation and the results of the soil sample screening conducted as part of the 4,000-gallon diesel fuel UST and 20,000-gallon No. 6 fuel oil UST removal activities revealed no evidence of release of tank contents to subsurface soils. Based on these results, no further action is recommended relative to the removal of the subject USTs.

Appendix A

UST Closure – Sample Location Plan, Drawing No. 1



ND DESIGNATION OF CONFIRMATORY
NING SAMPLE

Project Name: AVIS World Headqua

Appendix B

UST Closure Notifications and Former UST Registration Documentation

Nassau County Department of Health
Tank Abandonment/Removal*
Notification Form

PAID CASH $150 9/8/05

Date of Job** 7/13/05

****All notifications must be received by NCDH 7 days prior to the date of the job accompanied by a fee of $125.00 per tank over 1,100 gallons and $30.00 per tank 1,100 gallons or less abandoned in place or $50.00 per tank 1,100 gallons or less removed.**

Contractor ACTION REMEDIATION

CONFORMATION #
194 H05 R01

Phone # 781 3000

Facility ID# OLD # 37024

Facility Name: SIMON REALTY

Address 900 OLD COUNTRY RD

Village GARDEN CITY Telephone _____

Existing Tank Information:

Tank Size: 20,000 GAL Tank Contents: # 6 OIL

_____Abandonment ✓ Removal

Monitoring: _____Well _____Borings _____Tested on ____/____/____

DEC Spill# (if applicable)_____

Other_____
(explain)

New Installation:

Tank Size_____Plans Approved?_____

Location:

_____Above ground on pad/containment

_____Below ground

_____Indoors

_____Conversion to gas DEMO

ATTACH CHECK HERE

*All removals/abandonments, installations etc. must be done in accordance with Article XI of the Nassau County Public Health Ordinance. **This form is to be used for the abandonment of a fuel oil tank of more than 1,100 gallon capacity, the abandonment of any size non-fuel oil tank or the removal of any tank including fuel oil tanks of 1,100 gallon capacity or less.**

#7001-1940-0002-9333-5944
to Bill Glancy-Bldg Services

016/031

NASSAU COUNTY
DEPARTMENT of HEALTH

TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT

Facility Number	Type of Permit	Date Issued	Date Modified	Expiration Date
037024	[X] Operation [ ] Construction	04/01/2002	06/01/2002	04/01/2007

Name of Permittee:	Address of Permittee:
AVIS RENT A CAR SYS.	900 OLD COUNTRY RD. GARDEN CITY NY

GENERAL CONDITIONS

1. By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with Article XI, Nassau County Public Health Ordinance.
2. All work carried out under this permit shall conform to the approved plans and specifications. Any amendments must be approved by the Nassau County Department of Health prior to their implementation. The permittee shall notify the Health Department 48 hours in advance of the start of construction.
3. As a condition of the issuance of this permit, the applicant has accepted expressly, by the execution of the application, the full legal responsibility for all damages direct or indirect, of whatever nature, and by whomever suffered, arising out of the project described herein and has agreed to defend, indemnify and save harmless the County from suits, actions, damages and costs of every name and description resulting from the said project.

** NOT TRANSFERABLE **

Name of Facility:	AVIS RENT A CAR SYS.	FACILITY ADDRESS:
Mailing Address:	900 OLD COUNTRY RD. GARDEN CITY NY 11530-	900 OLD COUNTRY RD. GARDEN CITY NY 11530

THIS FACILITY CONSISTS OF STORAGE AREAS AS LISTED ON PLANS AND APPLICATIONS FILED WITH THIS DEPARTMENT

Tank/Storage Area Number	Capacity	Type of Toxic or Hazardous Material Stored	REPLACE DATE
BULK 0001	275 GALLONS	MULTIPLE CHEMICALS STORED	
TANK 0005	20000 GALLONS	OIL, FUEL #6	

DAVID M. ACKMAN M.D., M.P.H. COMMISSIONER OF HEALTH

Authorizing Officer Michael J. Alarcon [redacted]

EH 768 9/86

THIS PERMIT MUST BE POSTED IN A CONSPICUOUS PLACE AT THE FACILITY

CENDANT LEGAL DEPT
08/25/2004 16:34 FAX

THOMAS S. GULOTTA
COUNTY EXECUTIVE

DAVID M. BARTOW
FIRE MARSHAL

NASSAU COUNTY FIRE COMMISSION
OFFICE OF FIRE MARSHAL
899 JERUSALEM AVENUE
P.O. BOX 128
UNIONDALE, NEW YORK 11553-0128
516-572-1000

Tank Removal Affidavit

To: Nassau County Fire Marshal

FM Key#: _____

From: KEVIN O'CONNOR
ACTION REMEDIATION
3010 BURNS AVE WANTAGH
516 781 3000

Concerning Tanks at:
900 OLD COUNTRY RD
GARDEN CITY, NY

The following flammable/combustible liquid storage tank(s) at the above location have been:

T - Placed temporarily out-of-service (if permitted), or;
P - Permanently abandoned in place, or;
R - Removed from premises.

Indicate one of the above letters under *"STATUS"* for each tank

	TANK TYPE *	TANK SIZE	CONSTRUCTION	STATUS	DATE WHEN DONE
	UG	4000	DWF	R	7-14-05

* NOTE: If the tank type is unknown, indicate either A/G(aboveground) or U/G(underground). If more than 8 tanks, use additional sheet(s).

All work as indicated above was completed in accordance with the applicable sections of Article III of the Nassau County Fire Prevention Ordinance.

KEVIN OCONNOR
Name

Kevin OConnor
Signature

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

County of Nassau

State of New York

Sworn to before me this

18th day of July N. 2005

Ann Sweeney
Notary Signature

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

WORD\TANK8003

08/25/2004 16:38 FAX CENDANT LEGAL DEPT 028/031

LOCATION ID 21691 PERMIT NO. 1999TR00856

STATE OF NEW YORK
COUNTY OF NASSAU
OFFICE OF FIRE MARSHAL
F/C TANK REGISTRATION

LOCATION: AVIS RENT A CAR SYSTEM, INC., 900 OLD COUNTRY RD, EAST GARDEN CITY, NY 11530

ISSUED TO: NAME AVIS RENT A CAR SYSTEM, INC.
ADDRESS 900 OLD COUNTRY RD
EAST GARDEN CITY, NY 11530

EFFECTIVE DATE: 07/19/2004
EXPIRATION DATE: 07/31/2009

TANK ID	SIZE	PRODUCT	DATE INSTALLED	DATE TESTED	CONSTRUCTION
52472	4000	30199301	04/29/1988	07/21/1999	DFG

END OF LISTING

AUGUST 12, 2004
DATE

Stephen Wenk
ASSISTANT FIRE MARSHAL

MUST BE POSTED IN A CONSPICUOUS LOCATION

Appendix C

Waste Manifests

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	
3. Generator's Name and Mailing Address: SIMON PROPERTIES, 900 OLD COUNTRY ROAD, CARLE PLACE NY		5) TRUCK #109 26678JE N.Y	
4. Generator's Phone ( )			
5. Transporter 1 Company Name: Action Trucking, Inc.	6. US EPA ID Number: NYD064748304	A. Transporter's Phone: (516) 781-3000	
7. Transporter 2 Company Name: Terrace Transportation	8. US EPA ID Number: NYR000080549	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: XX000	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 (Oil / Water)	1	TT	~~275~~ 425	G
b.	0			
c.	0			
d.	0			

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

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
Wayne Moran As Agent For Simon Property Corp	[signature]	07	13	05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MATT HUFNAGEL	[signature]	07	13	05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
GILBERTO VELEZ	[signature]	7	29	05

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

NON-HAZARDOUS WASTE MANIFEST

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

3. Generator's Name and Mailing Address
SIMON PROPERTIES
900 OLD COUNTRY ROAD
CARLE PLACE NY

5) TRUCK #109
26678JE N.Y

4. Generator's Phone ( )

5. Transporter 1 Company Name: Action Trucking, Inc.	6. US EPA ID Number: NYD064748304	A. Transporter's Phone: (516) 781-3000
7. Transporter 2 Company Name: Terrace Transportation	8. US EPA ID Number: NYR000080549	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: XX000	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 (Oil / Water)	1	TT	425	G
b.	0			
c.	0			
d.	0			

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

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
Wayne Moran As Agent For Simon Property Group	[signature]	07	13	05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MATT HUFNAGEL	[signature]	07	13	05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
GILBERTO VELEZ	[signature]	7	29	05

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

– 1 week 7/12/05 1st Item

EASTMOND & SONS, INC.

FUEL OIL TANK CLEANING
1200 Oakpoint Avenue • Bronx, N.Y. 10474
(718) 378-7000

JOB TICKET

TC 5034 Fiberglass **TANK SIZE** 20,000

ate 7/12/05

Job Site 900 Old Country Rd. #

West Bury Boro: Long Island

The service mentioned below.

1 ☐ DIG UP FUEL STORAGE TANK 2 ☒ CUT MANWAY

3 ☒ PUMP OUT AND SQUEEGEE CLEAN 1/20,000 GAL. FUEL STORAGE TANK BY A VACUUM METHOD.

4 ☐ NEW GASKET — RUBBER ☐ FELT ☐

5 ☐ NEW NUTS AND BOLTS

6 ☐ BACK FILL DIRT

7 ☐ PUMP OUT ....GAL. TANK BY A STICK LINE METHOD

8 ☐ STEAM CLEAN SUCTION AND RETURN LINES

9 ☐ SPILL CLEAN-UP

10 ☐ OTHER WORK DONE pump out 3100 and 300 for 4000 DIESEL Cut Tank

63 1/4" FRONT 2100

44 1/2" BACK 900

☐ R.D. ☒ NO R.D. AMT. R.D. ______ SLUDGE ______

12 ☐ IF PRODUCT IS DELIVERED TO ANOTHER BUILDING ADDRESS

ADDRESS

AMOUNT DELIVERED SUPT SIGNATURE

ADDRESS

AMOUNT DELIVERED SUPT SIGNATURE

p bill to Action Remediation

Attn. Kevin

Tel. (516) 781-3000

ok by

O. #

INCLUDE TRAVEL TIME 92

DRIVER	HELPER		TRUCK NO.
Wes Ruben	Ernest	Shorty	1

TIME STARTED	TIME FINISHED
11	4:30

HELPERS

TIME STARTED TIME FINISHED

TOTAL TOLLS:

INCHES IN TANK BEFORE CLEANING 38 — GALLONS 4600 — left on Tank — INCHES IN TANK ~~AFTER CLEANING~~ — GALLONS 1600

PLUS — 300 DIESEL TANK

FUEL OIL, COMBUSTIBLE LIQUID NA 1993

WATER ☐ **GRADE OF OIL:** **#2** ☐ **#4** ☐ **#6** ☒

OTHER

AMOUNT OF SLUDGE REMOVED ______ **GALS.**

GALS. OF GOOD OIL PUT BACK IN TANK ______ **GALS.**

DIAMETER OF TANK IN INCHES

DOES TANK HAVE LINING:	YES ☐	NO ☐
IS THE TANK GAUGE WORKING:	YES ☐	NO ☐
IS THE TANK GAUGE ACCURATE:	YES ☐	NO ☐

The signature below should be signed only by the owner, super, engineer, of the building, or by the employee of the above mentioned Oil Company

This signature will indicate that the tank, or the work that has been done, has been inspected, (and manhole, if worked on) and properly secured, and been left in a complete safe condition

This ticket should only be signed if the work area is completely satisfactory and also; that the product is accurately accounted for

ON HOURLY RATES GIVEN, TRAVELING TIME WILL BE INCLUDED.

RECEIVED AND READ BY x Kevin Olsen

PHONE NO. OF PERSON ABOVE

THE PERSON WHO SIGNS ABOVE HAS THE OPTION OF INSPECTING VACUUM TRUCK AND PRODUCT IN VACUUM TRUCK BEFORE IT LEAVES PREMISES.

TERMS: Net 10 days, maximum rate of interest allowable by law will be charged after this date in the event this order is not paid in accordance to the terms of sale, and collection action becomes necessary, this order is subject to an Additional 25% collection fee on the unpaid balance

REMARKS OR MATERIAL USED

Triangle Wire Remove / Abandon

E.P.A. # NYD 981141872

N.Y.S. D.E.C. Permit 2-6101-00112 / 00001-0

New York Oil Recovery Inc.

94 HAUSMAN STREET
BROOKLYN, NEW YORK 11222
718-599-5120

DATE 7/13/05

FROM: Eastern

FROM 900 Old Country Rd - L.I

	Yes	No
SERVICE STATION	☐	☐
UTILITY	☐	☐
OTHER P.O.		

5040 GALS.

AMOUNT (GAL)

TESTED FOR:

	Yes	No
FLASH OVER 100°	☑	☐

HALOGENS 400

OTHER

POSTED

SIG. FOR N.Y. OIL RECOVERY INC.

Appendix D

Clean Storage Tank Certification and Disposal Manifest

Action Remediation Inc.

3010 Burns Avenue
Wantagh, NY 11793-3296
Tel:(516)781-3000
Fax:(516)781-3085
www.actionhazmat.com

August 12, 2005

Re: 900 Old Country Road
Garden City, NY 11530

CERTIFICATE OF COMPLETION

This letter is to certify that (1) 20,000 gallon underground heating oil tank and (1) 4,000 gallon underground diesel tank at the above referenced address were pumped, cleaned, and removed according to Nassau County Department of Health regulations and guidelines.

If you need any further assistance, please do not hesitate to call.

Sincerely,

Kevin O'Connor
Project Manager

KO:as
Enc.

Sworn to me this 12th
day of August, 2005

Ann Sweeney

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 tel: (516) 781-3000 fax: (516) 781-3085

BILL OF LADING

Date: 7/15/05

Project: 900 Old Country Road
Garden City, NY

1- 20,000 GALLON UNDERGROUND STORAGE TANK
1- 4,000 GALLON UNDERGROUND STORAGE TANK

The double wall fiberglass tanks as referenced above were pumped, cleaned, and disposed of at the following approved disposal facility.

WINTER BROTHERS
80 MAHAN STREET
WEST BABYLON, NY 11704

Authorization Amy Sweeney

Appendix E

NCDOH Field Investigation Report

[illegible] Investigation
[illegible] Facility
[illegible] County Department of Health

PAID
$150 CASH
7/14/05

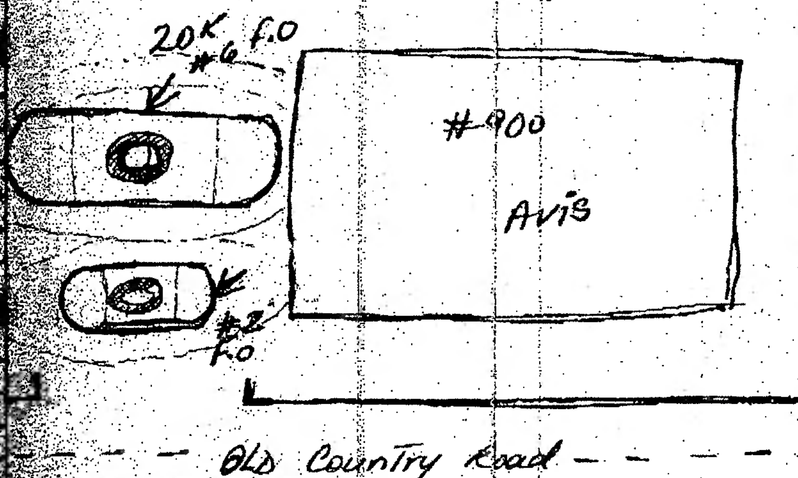
- [ ] Initial System Test
- [X] Tank Removal
- [ ] Tank Only
- [ ] Installation
- [ ] System Retest
- [ ] Abandonment
- [ ] Periodic Year
- [ ] Well Installed

Date of Job: ~~7/13/05~~ 7/14/05 Time: ____
Facility ID#: 37024
Date Received: 7/8/05 (Kean) Time: ____
Confirmation #: 195 H05 R03 / 194 H05 R01
Contractor: Action Remediation
DEC Spill #: ____
Telephone #: 781-3000

Establishment Name: Simon Realty
Address: 900 Old Country Road
Town: Garden City
Telephone #: ____
No. Tanks: 2
Type of Test: ____

[illegible]				
[illegible]	5			
[illegible]	20K	4K		
[illegible]	#6 F.O	#2 F.O		
[illegible]				
[illegible] Test				
[illegible]				
[illegible]				
[illegible]				
[illegible]				
[illegible]				
[illegible] Needed				
[illegible]				
[illegible] Holes	NONE	NONE		
[illegible]	0	0		
[illegible]	—	—		
[illegible]	—	—		
[illegible]				

Site Diagram



[illegible]: Y Clean   N Contaminated Soil   N Free Floating Product
Soil Removed: NONE   Amount ____ yds³

[illegible]: ___Y ___N ___Gas   Tank Size ____   Approved plans: ____Yes ____No ____N/A

[illegible]: Demolition. 2 double wall fiberglass tank removed. 20K #6 fuel oil & 4K #2 fuel oil. No holes noted on tanks; no apparent soil contamination. Excavation clean.

[illegible]: M. E. [illegible]   Supervisor: R. Putnam

[illegible] Number: 849   Date: 7/15/05

- [ ] Continued on Reverse Side
- [X] Computer Entry
- [X] Data Book Entry

1-Piping   2-Tank
3-Fitting   4-Other

Nassau County Department of Health
Tank Abandonment/Removal* Notification Form

PAID $150 CASH 9/8/05

Date of Job** 9/13/05

****All notifications must be received by NCDH 7 days prior to the date of the job accompanied by a fee of $125.00 per tank over 1,100 gallons and $30.00 per tank 1,100 gallons or less abandoned in place or $50.00 per tank 1,100 gallons or less removed.**

Contractor ACTION REMEDIATION

CONFORMATION #

194H05R01

Phone # 781 3000

Facility ID# OLD # 370244

Facility Name: SIMON REALTY

Address 900 OLD COUNTRY RD

Village GARDEN CITY Telephone

Existing Tank Information:

Tank Size: 20,000 gal Tank Contents: # 6 OIL

____ Abandonment ✓ Removal

Monitoring: ____ Well ____ Borings ____ Tested on __/__/__

DEC Spill# (if applicable) ____

Other ____ (explain)

New Installation:

Tank Size ____ Plans Approved? ____

Location:

____ Above ground on pad/containment

____ Below ground

____ Indoors

____ Conversion to gas DEMO

*All removals/abandonments, installations etc. must be done in accordance with Article XI of the Nassau County Public Health Ordinance. **This form is to be used for the abandonment of a fuel oil tank of more than 1,100 gallon capacity, the abandonment of any fuel oil tank or the removal of any tank including fuel oil tanks of 1,100 gallon capacity or less.**

Appendix F

Clean Fill Certification

Con-Strux LLC
702 Grand Boulevard, Westbury, NY 11590
Phone: 516-333-3133 Fax: 516-333-8660

August 24, 2005

Action Remediation, Inc.
3010 Burns Avenue
Wantagh, NY 11793
Attn: Kevin O'Connor

Dear Mr. O'Connor,

In response to your inquiry, we can only accept clean concrete and asphalt free of wire and other contaminates at our facility.

These items are crushed to a ¾" blend material suitable for backfill and base for blacktop paving.

Should you have any further questions, do not hesitate to call.

Sincerely,

Ann Sweeney

AS:amo

Underground Storage Tank Closure Report

Former Avis Headquarters Property
900 Old Country Road
Garden City, Hempstead, New York 11530

Prepared For:
Simon Property Group
National City Center
115 West Washington Street
Indianapolis, Indiana 46204

Prepared By:
Oxford Engineering Company
336 Point Street
Camden, New Jersey 08102

OEC Project Number:
06-019

Date Prepared:

April 4, 2006

TABLE OF CONTENTS

I.	Executive Summary	1
II.	UST Removal Description	2
III.	Site Activities	3
IV.	Soil Sample Screening Results Summary	5
V.	Conclusions	6

APPENDICIES

Appendix A
UST Closure – Sample Location Plan, Drawing No. 1

Appendix B
UST Closure Notification and Former UST Registration Documentation

Appendix C
Waste Manifest

Appendix D
Clean Storage Tank Certification and Disposal Manifest

Appendix E
NCDOH Field Investigation Report

UNDERGROUND STORAGE TANK REMOVAL

Former Avis Headquarters Property
900 Old Country Road
Garden City, New York 11530
OEC Project # 06-019

I. EXECUTIVE SUMMARY

Oxford Engineering Company was retained by Simon Property Group to remove one (1) 3,000-gallon No. 2 fuel underground storage tank (UST) from the Former Avis Headquarters Property, 900 Old Country Road, Garden City, New York. The tank removal and site restoration activities were conducted on March 14, 2006. *(Refer to Appendix B for the UST Closure Notification and former UST registration documentation.)*

Prior to the tank removal, the top of the tank was exposed, accessed and cut open. The residual product was removed from the tank and disposed of at Clean Water of New York, a recycling facility locate in Staten Island, New York (*Refer to Appendix C for Waste Manifests).* The tank was cleaned in accordance with API Bulletin #2015, federal, state and local codes. The tank was removed and transported off-site for disposal *(Refer to Appendix D for Clean Tank Certification and Disposal Manifest).* The tank excavation was visually inspected and screened with a photo ionization detector (PID). No contaminated soil was encountered in the tank excavation. The removed UST and associated excavation was visually inspected by the Nassau County Department of Health (NCDOH) on March 14, 2006 and confirmed of a clean removal *(Refer to Appendix E for NCDOH Field Investigation Report).*

Following the visual inspection by NCDOH and field screening by OEC, the tank excavation was backfilled to grade with the excavated soil and stockpiled soil and concrete rubble.

Based on the information presented above, no further action is recommended relative to the removal of the subject UST.

II. UST REMOVAL DESCRIPTION

A. General Site Information:

UST Registration Nos.: 3,000-Gallon No. 2 Fuel Oil UST
(Registered with Nassau County Department of Health)
Facility No.: 058887
Tank ID: Tank 0001

UST Size/Composition: One (1) 3,000-Gallon UST; Single Wall Steel

Condition of UST: Good, No Damage Observed

Facility Location: Former Avis Headquarters Property
900 Old Country Road
Garden City, New York 11530

Owners Name & Address: Simon Property Group
115 West Washington Street
Indianapolis, Indiana 46204

Contact Person: Joseph Cilia, General Manager
Roosevelt Field Mall
630 Old Country Road
Garden City, New York 11530
(516) 742-8001 ext. 10

B. Certifications/Licenses

Licensed Removal Company: Action Remediation, Inc.
3010 Burns Avenue
Wantagh, New York 11793-3269

III. SITE ACTIVITIES

One (1) 3,000-Gallon No. 2 Fuel Oil Underground Storage Tank

Prior to the removal of the 3,000-gallon UST, the concrete slab tank cover was removed utilizing a Yanmar V10-50 Rubber Track Excavator. The concrete slab was broken up and stockpiled on site for use in backfilling the excavation. The top and side of the tank was exposed, accessed and cut open. The residual product was removed from the tank utilizing a pump truck and disposed of at Clean Water of New York, a recycling facility locate in Staten Island, New York *(Refer to Appendix C for Waste Manifests)*. The tank was cleaned in accordance with API Bulletin #2015, federal, state and local codes.

The size of the 3,000-gallon diesel fuel underground storage tank (UST) was 64 inches in diameter by 18' long and the UST had approximately 2.5 feet of soil cover. There was a set of 1" steel supply and return piping running to the face of the building, a fill port and a steel vent line associated with this UST. Previous inspections of the former manufacturing building revealed no remaining boiler or heater within the building. The supply and return piping, fill port and the vent line were all removed along with the UST. Groundwater was not encountered in the tank excavation. Once the tank was removed from the excavation, the subgrade soils were evaluated to determine if contamination was present.

Visual observation of the soils revealed no evidence of staining beneath the tank. The excavation was additionally screened using a photo-ionization detector (PID). Three (3) soil samples were collected from the base of the tank excavation along the centerline for the former tank. Soil was extracted from the base of the excavation from a depth of 8.5' to 9.0' and the soil samples were collected utilizing dedicated sampling trowels. One (1) sample was collected from each end of the former UST and one (1) sample was collected from the midpoint of the former UST *(Refer to Drawing 1 in Appendix A for sample locations)*.

The soil samples (S-1, S-2 and S-3) were placed in new Ziploc®-type re-sealable plastic bags for a "headspace" measurement with the PID. By placing the material inside a sealed plastic bag, any volatile organic vapors that would emanate from the excavated materials would be contained in the plastic bag so that the PID could measure them when the probe was carefully inserted, providing a relative measure of volatile organic compound impact. The soil sample PID headspace readings were all at the background level of 0.0 parts per million (ppm) with no evidence of volatile organic compound impact. As such, no soil samples were submitted for laboratory analysis. A summary of the soil sample screening results is provided in Section IV.

On March 14, 2006, the removed UST and the tank excavation were visually inspected by Mr. Tony Bocchiere of the Nassau County Department of Health (NCDOH), Bureau of Environmental Protection. Mr. Bocchiere informed OEC that the UST had not signs of holes and the excavation was clean with no sign of contamination, and that the excavation could be backfilled. Following the visual inspections and extraction of the soil samples, the excavation was backfilled with the excavated soil and concrete and supplemented with pre-existing stockpiled soil and concrete rubble that had to be removed in order to access the UST. Site restoration activities included only backfilling to existing grade due to the planned demolition of the Avis Headquarters buildings. Following inspection by the NCDOH, the tank was

loaded and transported off-site for disposal *(Refer to Appendix D for Clean Tank Certification and Disposal Manifest).*

Based on the information presented above, no further action is recommended relative to the former 3,000-Gallon No. 2 Fuel Oil UST.

IV. SOIL SAMPLE SCREENING RESULTS SUMMARY

Field Sample ID	Sample Depth (feet below grade)	Parameters Analyzed	PID Background Concentration (ppm)	PID Screening Concentration (ppm)
3,000 GALLON DIESEL FUEL UST:				
S-1	8.5' – 9.0'	VOs via PID	0.0	0.0
S-2	8.5' – 9.0'	VOs via PID	0.0	0.0
S-3	8.5' – 9.0'	VOs via PID	0.0	0.0

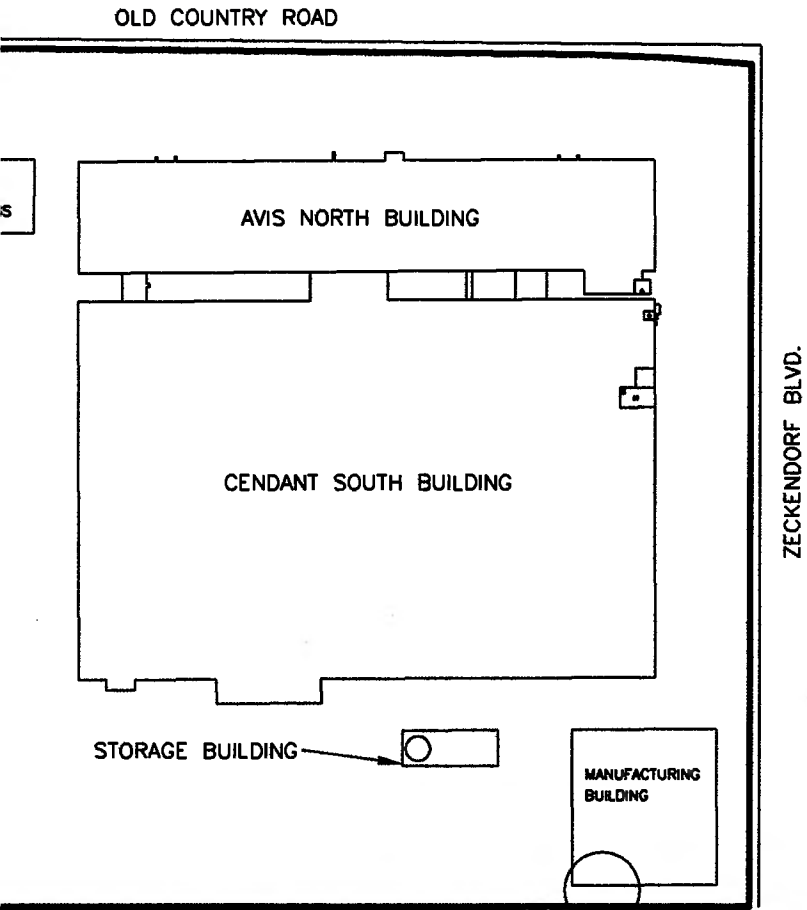
VOs = Volatile Organics
PID = Photo-ionization Detector

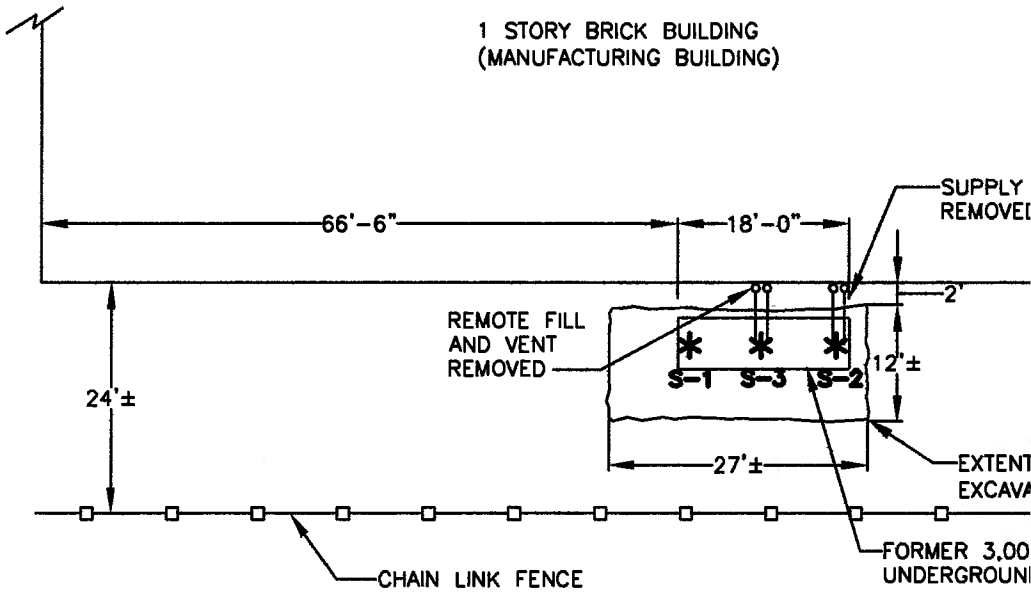
V. CONCLUSIONS

The visual investigation and the results of the soil sample screening conducted as part of the 3,000-gallon No. 2 Fuel Oil UST removal activities revealed no evidence of release of tank contents to subsurface soils. Based on these results, no further action is recommended relative to the removal of the subject UST.

Appendix A

UST Closure – Sample Location Plan, Drawing No. 1





LEGEND

✱ S-1 LOCATION AND D
SOIL SCREENING

Project Name: Former AVIS World Hea

Appendix B

UST Closure Notifications and Former UST Registration Documentation

$150 TOTAL

PAID

Check # 11695 $35

$35 credit applied 3/9/06 From check

CONFIRMATION # 073 H06 R01 # 11695 3/9/06

Nassau County Department of Health
Tank Abandonment/Removal*
Notification Form

Date of Job** 3/14/06

****All notifications must be received by NCDH 7 days prior to the date of the job accompanied by a fee of $150.00 per tank over 1,100 gallons and $35.00 per tank 1,100 gallons or less abandoned in place or $60.00 per tank 1, 100 gallons or less removed.**

Contractor ACTION REMEDIATION

Phone # 781 3000

Facility ID# 058887

Facility Name: SIMON PROPERTY GROUP

Address 900 OLD COUNTRY RD cross: Cherry LA

Village GARDEN CITY Telephone _____

Existing Tank Information:

Tank Size: 3000 gal Tank Contents: ~~#~~ 2 OIL

_____Abandonment ✓ Removal

Monitoring: _____Well _____Borings _____Tested on ____/____/____

DEC Spill# (if applicable)_____

Other_____
(explain)

New Installation:

Tank Size_____Plans Approved?_____

Location:

_____Above ground on pad/containment

_____Below ground

_____Indoors

_____Conversion to gas DEMO

ATTACH CHECK HERE

*All removals/abandonments, installations etc. must be done in accordance with Article XI of the Nassau County Public Health Ordinance. **This form is to be used for the abandonment of a fuel oil tank of more than 1,100 gallon capacity, the abandonment of any size non-fuel oil tank or the removal of any tank including fuel oil tanks of 1,100 gallon capacity or less.**

THOMAS R. SUOZZI
COUNTY EXECUTIVE

DAVID M. ACKMAN M.D., M.P.H.
COMMISSIONER

RECEIVED JAN 2 4 2006

NASSAU COUNTY
DEPARTMENT OF HEALTH
240 OLD COUNTRY ROAD
MINEOLA, NEW YORK 11501-4250
516 571-3314
FAX: 516 571-3828

JANUARY 01, 2006

SIMON PROPERTY GROUP
JOSEPH CILIA
630 OLD COUNTRY ROAD
GARDEN CITY , NY 11530

FACILITY ID: 058887
900 OLD COUNTRY ROAD
GARDEN CITY , NY 11530
RE: UNDERGROUND TANK REPLACEMENT
FIRST NOTICE

DEAR JOSEPH CILIA :

RECORDS OF THE DEPARTMENT INDICATE THAT THE FOLLOWING UNDERGROUND TANKS AT YOUR FACILITY MUST BE REPLACED OR REMOVED:

TANK	REASON FOR REPLACEMENT/REMOVAL	TANKSIZE	CONTENTS	BY
0001	AGE OF TANK	00003000	OIL, FUEL	08/1990

THE DEPARTMENT REQUIRES SEVEN (7) DAYS NOTICE PRIOR TO REMOVAL.

REMOVAL OF TANKS MUST BE IN CONFORMANCE WITH SECTION 12 SUBSECTION 12.2 (I-III, V) OF THE REGULATIONS OF ARTICLE XI. IF THESE TANKS ARE TO BE REPLACED, A PERMIT TO CONSTRUCT MUST BE OBTAINED BY WRITING TO THIS DEPARTMENT, BUREAU OF ENVIRONMENTAL PROTECTION OR BY CALLING 571-2406.

VERY TRULY YOURS,

ROBIN PUTNAM
BUREAU OF ENVIRONMENTAL PROTECTIO

SIMON™

October 7, 2005

Nassau County Department of Health
Toxic & Hazardous Materials Storage Program
240 Old County Road – Room 503
Mineola, NY 11501

Re: Storage Facility Permit Application

Gentlemen,

Attached please find a completed application form to register an underground storage tank recently discovered during environmental assessment studies at the former Avis headquarters site on Old Country Road.

Please process this application at your earliest convenience. If you have any questions, please contact Mr. Joseph Cilia at 516-742-8001 or the undersigned at 317-263-7961.

Sincerely,

Chuck Schneider
Senior Civil Engineer
Engineering Department

Attachment

Cc: Joe Cilia
Marshall Goldstein
Wayne Moran

115 West Washington Street, Indianapolis, IN 46204
317.636.1600 | www.simon.com

P.02

Nassau County Department of Health
NASSAU COUNTY PUBLIC HEALTH ORDINANCE - ARTICLE XI
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT

FORM 1-GENERAL INFORMATION (SEE INSTRUCTION SHEET)

If applicable, check the following:
☐ Municipality
☐ Public School
☐ Other tax-supported institutions

If tax exempt facility, enter N.Y. State Exempt Organization Certificate No. and enclose a copy:

For Office Use Only

Facility I.D.	Date Rec'd.
037024	
Fee Exempt Fac. ☐ Yes ☐ No	Permit Months:

Check all that apply to your facility: ☒ Tank Storage ☐ Container Storage ☐ Bulk Storage ☐ Storage of Road De-icing Materials

Reason for submitting application: ☐ New ☐ Renewal ☒ Change ☐ Construction

Facility Name	Street Address	Post Office	State	Zip	Phone
AVIS RENT A CAR SYS (FORMER)	900 OLD COUNTRY ROAD	GARDEN CITY	NY	11530	

Facility Mailing Address (If different from above)	Facility Contact Person (Name & Title)	Phone
C/O ROOSEVELT FIELD MALL 630 OLD COUNTRY ROAD GARDEN CITY NY 11530	JOSEPH CILIA GENERAL MANAGER	516 742-8001 x10

Facility Owner	Street Address	Post Office	State	Zip	Phone
SIMON PROPERTY GROUP, INC.	115 W. WASHINGTON ST.	INDIANAPOLIS	IN	46204	317 636-1600

Property Owner (If not Facility Owner)	Street Address	Post Office	State	Zip	Phone

Tank Owner (If not Facility Owner)	Street Address	Post Office	State	Zip	Phone

Name that should appear on Permit (Permittee) (If different from Facility Owner): SIMON PROPERTY GROUP, INC.

Permittee's Street Address	Post Office	State	Zip	Phone
SEE ABOVE				

Permittee's Relationship to Facility Owner: ☒ Same ☐ Operator of Facility ☐ Other (Specify):

Principal Property Tax Code:	School District No.	Section	Block	Lot
		44	67	28

Forms Attached (Check all that apply): ☒ Form 2 - Tank Registration ☐ Form 3 - Bulk & Container Storage Registration ☐ Form 4 - Storage of Road De-icing Materials

I hereby affirm under penalty of perjury that the information provided on this form and on any attached forms, statements and exhibits is true and correct to the best of my knowledge and belief.

Print Name	Signature	Title	Date
DAVID SIMON		Chief Exec Officer	10/6/05

EH 857 4/87

Sep-22-05 09:26A

NASSAU COUNTY DEPARTMENT OF HEALTH
APPLICATION FOR A TOXIC OR HAZARDOUS MATERIALS STORAGE FACILITY PERMIT
FORM 2 - TANK REGISTRATION
SEE INSTRUCTION SHEETS

For Office Use Only	
Date Application Received	Facility I.D. 037024
Reviewed By	Date Reviewed
Action: ☐ Not Req'd. ☐ Approved ☐ Disapproved	No. of Months

Facility Name — FORMER AVIS RENT A CAR SYS. (FACILITY NO. 037024)

Facility Address 900 OLD COUNTRY ROAD, GARDEN CITY, NY. 11530

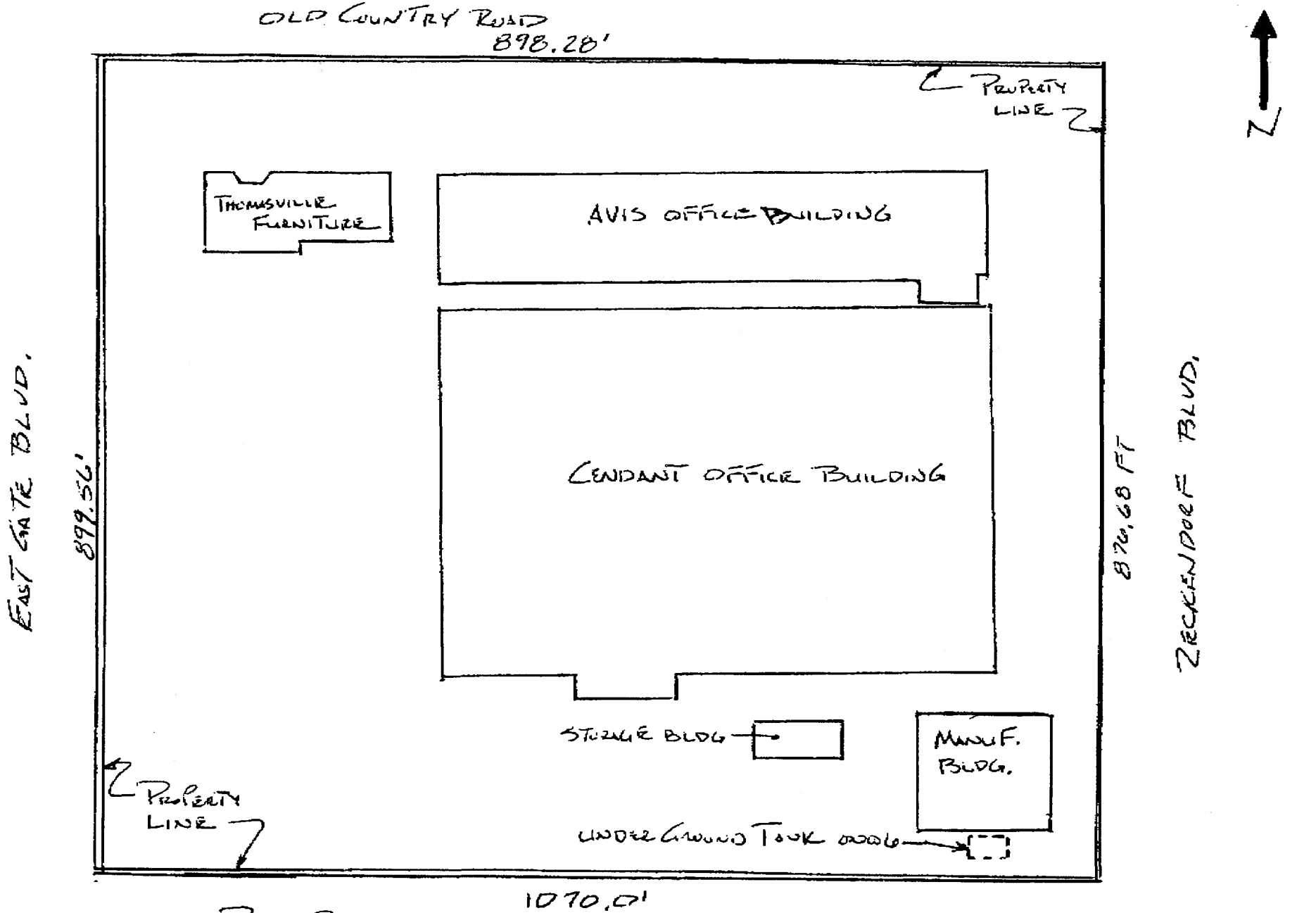
Action	Tank Number	Location	Design Capacity (Gallons)	Material of Construction	Internal Protection	External Protection	Piping Type	Material Currently or Last Stored: NCDH Number	Material Currently or Last Stored: Name	Status	Tank Installation Date (Month/yr)	Leak Detection	Secondary Containment	Product Gauge	Dispenser Method	Fill	Additional Information for Abandoned Tanks: Date Last Used (Month/yr)	Additional Information for Abandoned Tanks: Condition
1	0006	4	3,000	1	9	9	9	1		HEATING OIL	2	0000	5	5	2	2	2		

EH 858 4/86
DH-2513 11/86

Date Submitted _____

Page 1 of 1

☐ D.P.



PLOT PLAN
(NOT TO SCALE)
09/22/2005, M.M.

FORMER AVIS RENT A CAR SYSTEMS
900 OLD COUNTRY ROAD
GARDEN CITY, NY 11530

Appendix C

Waste Manifests

Oxford Eng.

NON-HAZARDOUS WASTE MANIFEST

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

3. Generator's Name and Mailing Address
SIMON PROPERTIES
900 OLD COUNTRY ROAD
CARLE PLACE NY

4. Generator's Phone ( )

(5) TRUCK #109 BLUE
26678 JE N.Y.

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Action Trucking, Inc.	NYD064748304	(516) 781-3000
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
Terrace Transportation	NYR000080549	(718) 981-4600

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Clean Water 3249 Richmond Terrace Staten Island NY 10303	XX000	(718) 981-4600

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. NON RCRA, NON DOT, NON HAZARDOUS WASTE LIQUID , (Oil / Water)	1	TT	300	G
b.	0			
c.	0			
d.	0			

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

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
Wayne Moran	Wayne Moran	03	14	06

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MATT HUFNAGEL	Matt Hufnagel	03	14	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Appendix D

Clean Storage Tank Certification and Disposal Manifest

Action Remediation Inc.

3010 Burns Avenue
Wantagh, NY 11793-3296
Tel:(516)781-3000
Fax:(516)781-3085
www.actionhazmat.com

March 21, 2006

Re: 900 Old Country Road
Carle Place, NY

CERTIFICATE OF COMPLETION

This letter is to certify that (1) 3,000 gallon underground oil storage tank at the above referenced address was pumped, cleaned, and removed according to Nassau County Department of Health regulations and guidelines.

If you need any further assistance, please do not hesitate to call.

Sincerely,

Kevin O'Connor
Project Manager

KO:as
Enc.

Sworn to me this 21st
day of March, 2006

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 tel: (516) 781-3000 fax: (516) 781-3085

BILL OF LADING

Date: 3/15/06

Project: 900 Old Country Road
Carle Place, NY 11514

1- 3,000 GALLON UNDERGROUND STORAGE TANK

The single wall metal tank as referenced above was pumped, cleaned, and disposed of at the following approved disposal facility.

LONI-JO METAL CORP.
70 KINKEL STREET
WESTBURY, NY

Authorization _____

Appendix E

NCDOH Field Investigation Report

Field Investigation
Article XI Facility
Nassau County Department of Health

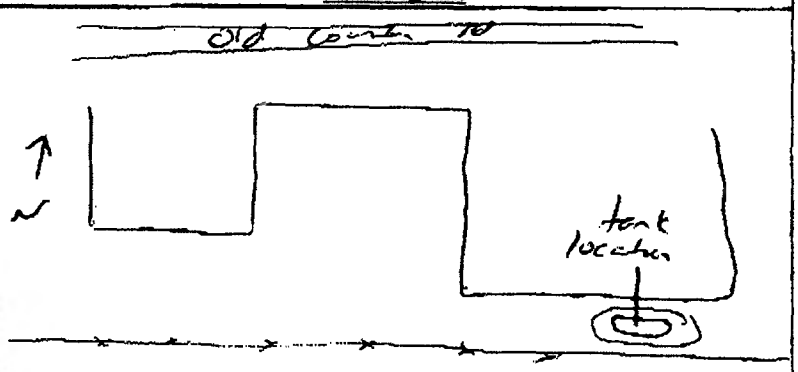
PAID
Check # 11868 $150 3/9/06

☐ Initial System Test ☒ Tank Removal
☐ Tank Only ☐ Installation
☐ System Retest ☐ Abandonment
☐ Periodic Year ☐ Well Installed

Date of Job 3/14/06 Time _____ Facility ID# 058887
Date Received 3/9/06 Time _____ Confirmation # 073H06E01
Contractor Action Remediation cell Tony 384-0108 Mark 567-9661 cell
Telephone # 781-3000
DEC Spill # _____
Establishment Name Simon Property Group
Address 900 Old Country Road Cross: Cherry LA
Town Garden City Telephone # _____
No. Tanks _____ Type of Test _____

Tank #	1			
Size	3K			
Product	#2F/O			
Test:				
System Test				
Tank Test				
Leak Rate				
Pass/Fail				
Fee				
Fee Paid				
Retest Needed				
Removal:				
Visible Holes	no			
# of Holes	none			
Size	3K			
Location	B6			
Photo	no			

Site Diagram



Excavation ✓ Clean No Contaminated Soil ___ Free Floating Product
Soil Removed No Amount _____ yds³

Installation ___Y ___N ___Gas Tank Size _____ Approved plans: ___Yes ___No ___N/A

Notes: Demolition - TANK will be available to view 11AM
- no holes in tank
- no soil contamination

Inspector A. Bracken Supervisor _____

Employee Number 422 Date 3/14/06

☐ Continued on Reverse Side
☑ Computer Entry
☑ Data Book Entry

1-Piping 2-Tank
3-Fitting 4-Other

field investigation.doc

NCPG

VOLUNTARY DRAFT ENVIRONMENTAL IMPACT STATEMENT
SPECIAL PERMIT APPLICATION OF SIMON PROPERTY GROUP FOR THE REDEVELOPMENT OF THE AVIS PROPERTY
TOWN OF HEMPSTEAD
NASSAU COUNTY, NEW YORK

PROJECT LOCATION:

21.86±-acre parcel located on the south side of Old Country Road, east of East Gate Boulevard and west of Zeckendorf Boulevard, Hamlet of Garden City, Town of Hempstead, County of Nassau

NASSAU COUNTY TAX MAP NUMBERS:

Section 44 – Block 67 – Lot(s) 26-28

APPLICANT:

Simon Property Group, Inc.
225 West Washington Street
Indianapolis, Indiana 46204

Contact: William F. Bonesso, Esq.
(516) 248-1700

LEAD AGENCY:

Town of Hempstead Board of Appeals
Town of Hempstead Town Hall
One Washington Street
Hempstead, New York 11550

Contact: (516) 489-5000

PREPARER & CONTACT:

This Voluntary Draft Environmental Impact Statement was prepared by:

Freudenthal & Elkowitz Consulting Group, Inc.
1757-24 Veterans Memorial Highway
Islandia, New York 11749

Contact: Theresa Elkowitz, President
Kim Gennaro, Director of Planning
(631) 435-4800

With technical input from:

RMS Engineering (Civil Engineer)
355 New York Avenue
Huntington, New York 11743

Contact: Christopher Robinson, P.E.
(631) 271-0576

VMI-Maris (Traffic Consultant)
125 State Street, Suite 103
Hackensack, New Jersey 07601

Contact: Vincent M. Iavarone
(201) 343-0993

Brown Craig Turner (Architect)
10030 Hull Street
Baltimore, MD 21230

Contact: Bryce Turner, AIA
(410) 837-2727

DATE OF PREPARATION: June 2008
Revised November 2008

AVAILABILITY OF DOCUMENT: This document represents a Voluntary Draft Environmental Impact Statement ("DEIS") prepared by the above-referenced applicant. Copies are available for public review and comment at the offices of the lead agency.

DATE OF ACCEPTANCE:

DEADLINE FOR COMMENTS:

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1.0 EXECUTIVE SUMMARY

This document represents a voluntary Draft Environmental Impact Statement ("DEIS"), prepared pursuant to 6 NYCRR §617.6(a)(4) and 6 NYCRR §617.9. It is submitted for treatment by the lead agency as an "environmental assessment form," for the purpose of determining significance.[1] The applicant, Simon Property Group ("SPG"), is proposing the redevelopment of the former Avis property, a 21.86±-acre subject property located at 900 Old Country Road, between Zeckendorf Boulevard and East Gate Boulevard, in the hamlet of Garden City, Town of Hempstead, Nassau County (hereinafter the "subject site"), with a 400,000±-square-foot mixed-use development. The subject site is designated on the Nassau County Land and Tax Map as Section 44, Block 67, Lots 26 through 28.

This voluntary DEIS evaluates the following impact issues:

- Soils and Topography
- Water Resources
- Land Use and Zoning
- Transportation
- Air Quality
- Socioeconomics
- Solid Waste
- Aesthetics and Lighting

DESCRIPTION OF PROPOSED ACTION

The proposed redevelopment involves the demolition of the three existing vacant buildings (combined gross floor area ["GFA"] of 482,372± square feet) and the existing 16,500±-square-foot Thomasville Furniture Gallery building, and the construction of a hotel, an office, four restaurants (1,000 seats in total), and several retail uses. The site layout includes a central parking area, with the proposed buildings surrounding. Two 7,500±-square-foot restaurant pads would be centered along the Old Country Road frontage, with a 9,060±-square-foot retail pad at the intersection of Old Country Road and Zeckendorf Boulevard. The displaced Thomasville Furniture Gallery would occupy a 15,000±-square-foot building at the intersection of Old Country Road and East Gate Boulevard, with 26,168± square feet of multi-tenant retail space attached, extending to the south, along East Gate Boulevard ("Retail A-2").

[1]The original Voluntary DEIS was submitted in June 2008, and has been revised to address the comments issued by Frederick P. Clark Associates, Inc., as consultant to the Town of Hempstead, in a letter dated November 6, 2008 (see Appendix H).

A one- and two-story multi-tenant retail building would be situated at the east side of the central parking area (30,537± square feet, "Retail C") with a 7,500±-square-foot restaurant use included within. Several retail areas ("Retail B-1," "Retail B-3" and "Retail B-4"), a hotel ("Hotel B-2") and the proposed office use ("Office B-6") would extend west-to-east along the south side of the central parking area. The proposed office use would occupy 175,000± square feet within five stories, with retail uses and a lobby area below (at the ground level). The proposed hotel would occupy 70,000± square feet, within five stories.

Each of the second through fifth floors would extend above the adjacent single-story retail uses on either side of the hotel's ground level. To the south of these retail, office and hotel uses, additional parking would be provided within surface parking areas and within a proposed two-level parking garage structure (at the southeast corner of the subject property).

Access and Parking

Vehicular access to the subject site would be provided via six driveways. Two main west access points are proposed along East Gate Boulevard, including one aligned with North Avenue. A third, egress-only point is planned behind the proposed Thomasville building. Each of the three access points along East Gate Boulevard are existing driveways. Two northern access points would exist along Old Country Road: one at an existing, signalized intersection (Cherry Lane); and a second, unsignalized access allowing right-in and right-out movements only. A sixth access would be created along Zeckendorf Boulevard, with ramp access to the proposed parking structure levels and the surface level, aligned with an existing internal drive of the shopping center to the east.

The proposed layout includes 1,221 surface parking spaces (including 46 Americans with Disabilities Act ["ADA"] spaces), as well as a two-story parking structure (with surface parking below), offering an additional 387 spaces. Thus, a total of 1,608 spaces are proposed. Pursuant to the parking requirements set forth within the Building Zone Ordinance ("BZO")of the Town of Hempstead, a total of 1,942 parking spaces are required for the proposed development. Thus, a parking variance for 334 spaces (17.2 percent relaxation) would be required to allow the development as proposed.

Landscaping

Extensive landscaping is proposed along the site perimeters, internal drives and within landscaped islands throughout the site. Landscaped buffers would be created along the property frontages at Old Country Road, East Gate Boulevard and Zeckendorf Boulevard to enclose the site, to provide screening, and to enhance views of the site from surrounding areas.

Potable Water and Sanitary Waste Disposal

Potable water would be supplied to the subject site by the Roosevelt Field Water District. According to the project engineer, the projected daily water use would be 67,098± gallons per day ("gpd") or 24.49 million gallons per year ("MGY"). It is anticipated that an additional 1.40 MGY would be utilized for on-site irrigation, or an additional 3,836 gpd during the 18-week irrigation season.

Sanitary discharge would be accommodated via connection to the Nassau County Sewage Disposal District Number 3, maintained by the Nassau County Department of Public Works ("NCDPW"). The projected sanitary flow is 67,098± gpd.

Stormwater Management

The proposed stormwater management system includes catch basins, drywells and several series of interconnected leaching pools installed throughout the proposed paved areas. Approximately 188 leaching pools (12-foot diameter, 18-foot effective depth) would be installed to accommodate a minimum five-inch storm event. Paved areas at the site would be slightly pitched toward the open-grate drywells and catch basins, and roof runoff would be piped into the system. A waiver from the NCDPW will be sought by the applicant to permit a five-inch system design.

Utilities

The subject property would receive electric service from the Long Island Power Authority ("LIPA"), and natural gas service from KeySpan/National Grid ("KeySpan Energy"). As provided by the project engineer, the expected total peak electrical demand would be 3,246 kilovolt amperes ("kVA"), and the expected total peak natural gas demand would be 35,050 MBH.

Required Permits and Approvals

The following permits and approvals must be obtained in order to commence construction of the proposed project:

Permits and Approvals	Agency
Site Plan	Hempstead Town Board
Special Permits (Hotel and floor area ratio ["FAR"] in excess of 0.40) and Parking Variance	Town of Hempstead Board of Appeals
Referral	Nassau County Planning Commission
Water Supply	Town of Hempstead Water Department
Fire Safety Review	Nassau County Fire Marshal
Sewer Connection	Nassau County Department of Public Works
239F Review, Road Opening, Highway	Nassau County Department of Public Works
Industrial Waste (grease traps)	Nassau County Department of Public Works
SWPPP	New York State Department of Environmental Conservation

PROBABLE IMPACTS OF THE PROPOSED ACTION

Soils and Topography

The proposed redevelopment would result in the disturbance of soils across nearly the entire 21.86±-acre subject property. Approximately 33,000± cubic yards of natural material would be removed from the subject property as a result of the proposed grading activities, excavations for foundations, utilities and drainage infrastructure, and other proposed improvements. All material removed from the site would be performed by a licensed carter and disposed of in accordance with prevailing regulations. In order to minimize the potential for erosion and sedimentation during construction, various controls would be implemented, and thus, no significant adverse impacts associated with soil disturbances at the subject property are anticipated.

The proposed redevelopment of the subject property would not require significant changes to the existing grade of the site, as the property is currently relatively flat. Elevations at the subject property are between 82± and 87± feet above mean sea level ("amsl") at most areas under existing conditions, and these elevations would generally be maintained under post-development conditions. The lowest elevation would be 81± feet amsl at the southwest corner of the subject property and the highest elevation would be 98± feet amsl along the eastern property line. The percentage of the site having slopes greater than 15 percent would be reduced from three to two percent as a result of the proposed action, and retaining walls would be installed parallel to the slope to stabilize those areas.

Overall, as there are no significant changes to the elevation or to the slopes on the site, no significant adverse impacts to topography associated with site development are anticipated.

Water Resources

Groundwater

The subject property is situated within Hydrogeologic Zone I. Pursuant to the *208 Study*, the relevant highest priority areawide alternative applicable to the proposed development includes restricting the use of fast-acting, inorganic fertilizers and promoting the planting of low-maintenance lawns. The proposed plantings on the site would include species that require little or no fertilization, and no significant lawn areas are proposed. As such, the proposed development would be consistent with the relevant highest priority areawide alternative expressed within the *208 Study*.

Sewage Disposal

The subject property is within Sewer District 3, maintained by the NCDPW. The proposed development is expected to generate approximately 67,098 gpd of sanitary waste. In correspondence dated March 25, 2008, the NCDPW confirmed that the existing sewer mains located in Old Country Road and East Gate Boulevard have sufficient capacity to accommodate the additional flow to be generated by the proposed development. As such, no significant adverse impacts associated with sanitary waste disposal are expected to result from implementation of the proposed action.

Water Supply

The subject property is within the service area of the Roosevelt Field Water District, which is under the auspices of the Town of Hempstead Water Department. According to the project engineer, the proposed redevelopment would utilize an estimated 67,098± gpd of potable water and an estimated irrigation demand of 3,836 gpd during the 18-week irrigation season. Therefore, during the irrigation season, water usage would be expected to increase to 70,934± gpd.

In correspondence dated February 26, 2008, the project engineer advised the Town of Hempstead Water Department of the proposed action and anticipated water demands, and requested confirmation of water availability for domestic use and fire protection for the proposed action. As no response was received to that correspondence, follow-up correspondence was forwarded to the Town of Hempstead Water Department on October 29, 2008. To date, no response from the Town of Hempstead Water Department has been received.

Stormwater Runoff and Drainage

The proposed stormwater management system includes catch basins, drywells and several series of interconnected leaching pools installed throughout the proposed paved areas. Approximately 188 leaching pools (12-foot diameter, 18-foot effective depth) would be installed to accommodate a minimum five-inch storm event. Paved areas at the site would be slightly pitched toward the open-grate drywells and catch basins, and roof runoff would be piped into the system.

Under Section 239-F of the General Municipal Law, any development or modification of private property adjacent to Nassau County roads, property or easements are subject to review by NCDPW. The NCDPW requires that property improvements include facilities sufficient to provide for the retention/storage of eight inches of stormwater runoff, as determined by the site's tributary area and in conjunction with relevant engineering factors. If the eight-inch storage requirement cannot be met, a letter of hardship outlining the circumstances which limit on-site storage and a request for "waiver of storage requirement" can be forwarded as part of the 239-F submission. As the proposed stormwater management system has been designed for a five-inch storm, such a request will be made by the applicant.

Surface Water, Wetlands and Floodplain

There are no surface waters or wetlands at or contiguous to the subject property. Therefore, the proposed action would not affect such resources. Furthermore, the subject property is not within any special flood hazard area.

Land Use and Zoning

Land Use

Upon implementation of the proposed action, the land use of the underutilized, largely vacant subject property would be changed to a mixed-use commercial center with office, restaurant, retail and hotel uses. The existing, occupied 16,500±-square-foot retail building would be demolished, and the occupant would be allocated 15,000± square feet of space within the proposed development. The existing, vacant buildings would also be demolished to allow for the proposed development.

The total gross floor area of buildings at the subject property would be reduced from approximately 498,872 square feet to 400,000± square feet, and in that respect, the intensity of land use would be slightly reduced by redevelopment of the site as proposed. The FAR of the buildings on the site would decrease from 0.524 to 0.427[2] at the 21.86±-acre subject property. The FAR, including the proposed two-level, 123,436±-square-foot parking deck, would be 0.557. The proposed action would increase the total area of landscaping at the subject property by 2.13± acres (from 73,107± square feet to 165,829± square feet).

The development would provide 125,000± square feet of retail space, 175,000± square feet of office space within five stories (retail and lobby space below), and 70,000± square feet of hotel area within five stories. The remaining 30,000± square feet would be divided among two restaurant pads at Old Country Road and two restaurants among retail uses, providing a total of 1,000 seats.

[2] Reflects the total site area of 937,167 square feet after the proposed 14-foot road widening dedication along the Old Country Road frontage (14,986± square feet).

A large, centrally-located parking area would provide 457 stalls, and various smaller surface parking areas throughout the site would provide an additional 764 stalls. A parking deck, with direct access to the proposed office use (second-story bridge) and to the proposed signalized eastern site access at Zeckendorf Boulevard, would provide 197 stalls at the first level and 190 stalls at the top level. Overall, the proposed site plan includes the provision of 1,608 parking stalls, including 46 ADA-compliant stalls.

Site access would exist at six access points along Old Country Road, East Gate Boulevard and Zeckendorf Boulevard. The access points along Old Country Road would include one western access at an existing signalized intersection, allowing full movements, and one eastern access allowing right-in and right-out movements only. The three access points along East Gate Boulevard are existing access points, with one to be used for service vehicles only (northernmost access – egress only). The access at Zeckendorf Boulevard would provide ramp access to the proposed parking structure levels and the surface level.

Zoning

The subject property is within the Y Industrial district of the Town of Hempstead. The retail and office components of the proposed development are permitted within the Y Industrial district. However, pursuant to §272.E(1) and §272.E(3) of the Building Zone Ordinance of the Town of Hempstead, Special Use Permits from the Town of Hempstead Board of Appeals would be required for the development of the proposed hotel and for the proposed FAR greater than 0.40.

Consistency with Criteria for Special Use Permit

Section 267.D(2) of the BZO provides standards for the issuance of a Special Use Permit from the Board of Appeals. An analysis of compliance with the general standards related to design and use is presented herein.

- *The use will not prevent the orderly and reasonable use of adjacent properties or of properties in adjacent use districts;*

  The subject property is entirely developed with 498,872 square feet of former office, warehouse and commercial space and is located along an active corridor. The proposed mixed-use development and its density would be consistent with land uses surrounding the subject property and along Old Country Road. The surrounding area is intensely developed with a mix of retail, restaurant, office and hotel uses. Surrounding properties are, in many cases, developed with multi-story commercial uses with expansive paved parking areas. Development in the area includes regional shopping destinations (i.e., the Roosevelt Field Mall, the Mall at the Source), multi-story office uses (i.e., 600 and 666 Old Country Road, 825 East Gate Boulevard), several hotel uses (i.e., the Red Roof Inn, Hampton Inn), and other large commercial uses. From a visual character perspective, the heights and density proposed are not out of character with existing development.

Accordingly, the proposed mixed-use development would not be expected to prevent the orderly and reasonable use of adjacent or nearby properties. Further, the proposed action includes extensive traffic improvements to mitigate and in some cases, improve existing roadway conditions to the benefit of adjoining land uses, such that traffic generation resulting from the proposed development would also not be expected to prevent the orderly and reasonable use of adjacent properties or of properties in adjacent use districts.

- *The use will not prevent the orderly and reasonable use of permitted or legally established uses in the district wherein the proposed use is to be located or of permitted or legally established uses in adjacent use districts;*

  The proposed mixed-use development and its density would be consistent with land uses on surrounding properties and along Old Country Road, and thus, would not prevent the orderly and reasonable use of permitted or legally established uses on adjacent properties or of such uses in adjacent use districts.

- *The safety, the health, the welfare, the comfort, the convenience or the order of the town will not be adversely affected by the proposed use and its location;*

  The proposed mixed-use development is consistent with surrounding properties and is to be situated on an active retail and commercial corridor, and thus, would not result in a detriment to the safety, health, comfort, convenience, or order of the Town.

- *The use will be in harmony with and promote the general purpose and intent of this ordinance;*

  Special use permits are required for the hotel use and for an FAR exceeding the permitted maximum of 0.40. Given the uses and density of surrounding properties, special use permit approval would not result in significant adverse land use or character impacts.

- *The character of the existing and probable development of uses in the district, and the peculiar suitability of such district for the location of any such permissive use;*

  The proposed development would occupy a portion of a larger Y Industrial district that continues to the east and west along the Old Country Road corridor, and to the south of the subject site. The district, in this area, is largely developed - - specifically, such development is dominated by retail, restaurant and office uses. Additionally, multiple small hotels have recently been developed in the area surrounding the subject property. The proposed action includes the development of several similar uses, and would therefore be in character with development in the area and the site is suitable for the proposed development.

- *The conservation of property values and the encouragement of the most appropriate uses of land;*

  The *Economic Impact Study* prepared for the proposed action concludes that the redevelopment of the subject property would yield a positive economic impact on the local economy, would provide an increase in local employment, as well as spending and tax revenues. The subject property currently generates a $833,661.85 in property taxes levied by Nassau County, the Town of Hempstead and the Uniondale Public Library District (special district), and $1,258,657.82 levied by the Uniondale Union Free School District ("UFSD"), for a total of $2,092,319.67. The proposed development is estimated to generate approximately $4,251,029 in property taxes, which represents an increase of approximately $2,158,709.33 (103 percent increase).

- *The effect that the location of the proposed use may have upon the creation of undue increase of vehicular traffic congestion on public streets, highways or waterways;*

  The proposed redevelopment of the site would result in an increase in the number of trips generated to and from the site. However, not all of the traffic generated by the redevelopment would be new traffic added to the adjacent street system. The proposed action includes several roadway improvements to mitigate the potential adverse traffic impacts, including:

  1. At the intersection of Old Country Road and East Gate Boulevard/Mitchell Avenue, an additional left turn lane on the northbound approach would be constructed and the traffic signal phasing modified, to improve overall operating conditions;

  2. An additional eastbound lane would be provided on Old Country Road along the entire frontage of the property.;

  3. The applicant will monitor traffic conditions at the intersection of Zeckendorf Boulevard and Shopping Center Driveway/Proposed New Site Driveway, and will perform a Traffic Signal Warrant Study when the project is open and fully occupied, and if warrants are met, will install a traffic signal;

  4. Traffic signal phasing modifications would be modified at the intersection of Zeckendorf Boulevard and Dibblee Drive; and

  5. The developer will make a fair share contribution for improvements at the Meadowbrook Parkway M1 and/or M2 interchanges.

  As such, with the implementation of the proposed traffic improvements, the proposed action would not result in the creation of undue increase of vehicular traffic congestion on public streets and highways.

- *The availability of adequate and proper public or private facilities for the treatment, removal or discharge of sewage, refuse or effluent (whether liquid, solid, gaseous or otherwise) that may be caused or created by or as a result of the use;*

  All sanitary waste from the subject site is and would continue to be discharged to municipal sewers maintained by the NCDPW (Sewer District No. 3). All solid waste generated at the subject property would be collected by a private licensed carter and disposed of at a licensed facility.

- *Whether the use, or materials incidental thereto or produced, may give off obnoxious gases, odors, smoke or soot;*

  The proposed mixed-use development would not produce any obnoxious gases, odors, smoke or soot.

- *Whether the operations in pursuance of the use will cause undue interference with the orderly enjoyment by the public of parking or of recreational facilities, if existing, or if proposed by the town or by other competent governmental agency;*

  The nearest community parks include:

  - Carle Place Park (approximately 0.35 mile to the northeast);
  - Hazelhur Park (approximately 0.5 mile to the southwest);
  - Hemlock Playground (approximately 1 mile to the west);
  - Wilson Park (approximately 1 mile to the west);
  - Custer Park (approximately 1.1 miles to the southwest);
  - Mitchel Park & Athletic Facility (1.2 miles to the south);
  - Eisenhower County Park (approximately 1.4 miles to the southeast); and
  - Mitchel Park (approximately 1.6 miles to the southeast).

  The proposed action would not be expected to cause undue interference with the use or enjoyment of these parks.

- *The necessity for bituminous-surfaced space for purposes of off-street parking of vehicles incidental to the use and whether such space is reasonably adequate and appropriate and can be furnished by the owner of the plot sought to be used within or adjacent to the plot wherein the use shall be had;*

  The proposed development will require parking facilities; approximately 1,942 parking spaces would be required pursuant to the Town of Hempstead BZO (based on calculations by the project engineer). The site layout includes the development of surface parking stalls to provide 1,221 spaces, and a two-level parking deck to provide another 387 spaces for a total of 1,608 proposed parking spaces. As fewer than the required number of parking spaces will be provided, the applicant will seek a variance from the Town of Hempstead Board of Appeals.

Due to the fact that the individual project components (i.e., hotel, office, restaurant and retail uses) would experience different peak parking demands, the proposed development is expected to require far fewer parking spaces than required by the BZO. The anticipated actual peak parking demand is 1,393 spaces, and would occur on a weekday in December. Therefore, the proposed site layout is expected to include more than adequate parking facilities within the subject property to serve the proposed development.

It should be noted that the proposed development would provide adequate parking facilities while also reducing the total area of impervious surfaces at the subject property versus the existing condition.

- *Whether a hazard to life, limb or property because fire, flood, erosion or panic may be created by reason of or as a result of the use or by the structures to be used therefore or by the inaccessibility of the property entry and operation of fire and other emergency apparatus or by the undue concentration or assemblage of persons upon such plot;*

  The proposed development would be designed in accordance with Town of Hempstead, Nassau County and New York State Fire and Building Codes. Moreover, the property is not located in a flood zone. In addition, the site has been designed to adequately accommodate emergency apparatus.

- *Whether the use or the structures to be used therefore will cause an overcrowding of land or undue concentration of population;*

  The proposed action includes the redevelopment of a site developed with almost one-half million square feet of office, warehouse and commercial uses. The mixed-use components of the project provide variations in activity by hour, day, and season and also results in multi-purpose activity wherein a patron will visit different land use components during the same auto trip. Also, the projected population to visit the site for purposes of shopping, employment or hotel stay, are expected to include persons already within the area traveling along the Old Country Road corridor. Moreover, the FAR of the redeveloped site (excluding the parking garage) will be less than the existing FAR. Therefore, the proposed development would not result in an overcrowding of land or an undue concentration of population.

- *Whether the plot area is sufficient, appropriate and adequate for the use and the reasonable anticipated operation and expansion thereof;*

  The proposed redevelopment would decrease the FAR of buildings at the site (excluding the parking garage) by 0.097, from 0.524 to 0.427.

- *The physical characteristics and topography of the land; and*

  The subject property is entirely developed and presents no slope limitations.

- *Whether the use to be operated is unreasonably near to a church, school, theater, recreational area or other place of public assembly.*

  Nearby sensitive receptors include residential areas generally located to the north of the site and several community parks including:

  - Carle Place Park (approximately 0.35 mile to the northeast);
  - Hazelhur Park (approximately 0.5 mile to the southwest);
  - Hemlock Playground (approximately 1 mile to the west);
  - Wilson Park (approximately 1 mile to the west);
  - Custer Park (approximately 1.1 miles to the southwest);
  - Mitchel Park & Athletic Facility (1.2 miles to the south);
  - Eisenhower County Park (approximately 1.4 miles to the southeast); and
  - Mitchel Park (approximately 1.6 miles to the southeast).

  There are also several schools and places of worship in the vicinity of the project site. In addition, Nassau Hospital is located approximately 1.8 miles west of the project site. Due to the distance between the aforementioned properties and the subject property, the proposed action would not adversely impact any of said properties.

Consistency with Criteria for Parking Variance

Based on the required accessory parking rates provided within §319 of the Town of Hempstead BZO, and as estimated by the project engineer, the proposed mixed-use development would require the provision of 1,942 off-street parking spaces. The site layout includes the development of surface parking stalls to provide 1,221 spaces, and a two-level parking deck to provide another 387 spaces for a total of 1,608 proposed parking spaces. As fewer than the required number of parking spaces will be provided, the applicant will seek a variance from the Town of Hempstead Board of Appeals.

Pursuant to §319.C. of the BZO, the Town of Hempstead Board of Appeals may, "...vary the application of [the parking requirements] in any case in which it shall find that compliance [therewith] is not necessary to prevent traffic congestion or undue on-street parking..." Due to the fact that the proposed development includes various project components (i.e., hotel, office, restaurant and retail uses) that would experience different peak parking demands, the proposed development is expected to require far fewer parking spaces than required by the BZO. The anticipated actual peak parking demand is 1,393 spaces, and would occur on a weekday in December. The proposed 1,608 parking spaces are therefore expected to provide adequate parking facilities to serve the proposed development, and granting of a 334-space (17.2 percent) relaxation of the parking requirement would not be expected to cause traffic congestion or undue on-street parking.

Transportation

A Traffic Impact Study was prepared by VMI-Maris to evaluate the potential impacts of the proposed action. Traffic volume counts were performed in 2006 and 2007 and the existing volumes were increased by 0.75 percent per year to obtain the projected 2009 Base Volumes. Traffic volumes from other proposed/planned developments in the area were also added to the 2009 Base Volumes to obtain the 2009 No-Build Traffic Volumes. The No-Build traffic volumes assume full occupancy and estimated generations of the existing Avis building. VMI-Maris did not include the estimated generations of the existing Avis Building in the 2009 Build Traffic Volumes, which consist of the 2009 No-Build Traffic Volumes combined with the estimated traffic generation of the proposed redevelopment project. The potential traffic impacts during the month of December were also evaluated, with manual counts undertaken at the intersections of Old Country Road and Zeckendorf Boulevard, and at Zeckendorf Boulevard and Corporate Drive.

Trip Generation Analysis

The amount of traffic to be generated by any proposed development is estimated based on information contained in a report published by the Institute of Transportation Engineers ("ITE"), entitled "Trip Generation" Seventh Edition. As directed by the NCDPW Traffic Engineering Unit, a 25 percent retail pass-by credit was used for the Peak PM Highway Hour, a 20 percent pass-by credit for the retail and restaurant, and a 10 percent mass transit credit for the office was applied to the trip generation traffic. Based on the ITE report and the pass-by credits described above, site generated traffic has been estimated by VMI-Maris for weekday and Saturday peak hours. The results of VMI's analyses for the 2009 site-generated traffic conditions are as follows:

Site-Generated Traffic

Development	Weekday A.M. Peak Highway Hour (Vehicles/Hour)			Weekday P.M. Highway Hour (Vehicles/Hour)			Saturday Peak Highway Hour (Vehicles/Hour)		
	Enter	Exit	Total	Enter	Exit	Total	Enter	Exit	Total
Retail (110,000 s.f.)	101	65	166	320	347	667	479	442	921
Pass-by trip (pm 25% pass-by credit; Sat 20% pass-by credit)				-83	-83	-167	-92	-92	-184
Restaurant (1000 seats)	23	7	30	174	86	260	214	149	363
Pass-by trip (pm 25% pass-by credit; Sat 20% pass-by credit)				-33	-33	-65	-36	-36	-73
*Hotel (140 Rooms)	65	39	104	48	60	108	68	54	122
Furniture Store (15,000 s.f.)	2	1	3	3	4	7	7	6	13
Office (175,000 s.f.)	258	35	293	47	228	275	39	33	72
Transit Credit (am 10% mass-transit credit; pm 10% mass-transit credit)	-15	-15	-29	-14	-14	-28	-4	-4	-7
PRIMARY TRIPS	**449**	**147**	**596**	**592**	**725**	**1,317**	**788**	**670**	**1,458**
Pass-By-Trips	**0**	**0**	**0**	**-116**	**-116**	**-232**	**-125**	**-125**	**-250**
Transit Credit	**-15**	**-15**	**-29**	**-14**	**-14**	**-28**	**-4**	**-4**	**-7**
NEW TRIPS	**435**	**132**	**567**	**462**	**595**	**1,058**	**659**	**541**	**1,201**

* To account for size of meeting room, the peak AM hour entering volume and the peak PM hour existing volume were increased by 20%.

ITE Land Use Codes:
Retail: ITE Land Use Code 820 (Shopping Center)
Restaurant: ITE Land Use Code 931 (Quality Restaurant)
Hotel: ITE Land Use Code 310 (Hotel)
Furniture Store: ITE Land Use Code 890 (Furniture Store)
Office: ITE Land Use Code 710 (General Office)

December Conditions

The trip generations for the retail portion of the proposed redevelopment were estimated based on the ITE "Trip Generation Manual Shopping Center – Christmas Season." The proposed redevelopment is expected to generate 1,129 Christmas Season trips (512 entering and 618 exiting) during the Peak PM Highway Hour and 1,308 Christmas Season trips (705 entering and 603 exiting) during the Peak Saturday Shopper Hour.

Parking Analysis

The mixed-use components of the project provide variations in the parking accumulation by hour, day, and season. In addition, a mixed-use development results in multi-purpose activity wherein a patron will visit different land use components during the same auto trip. These conditions result in a shared parking situation, which allows the use of one parking space to serve two or more distinct land uses without conflict or encroachment.

The Urban Land Institute has published a "Shared Parking" manual (2005), which provides a basis to evaluate shared parking characteristics of mixed-use projects, to determine the actual peak parking requirement of the overall project, as opposed to summation of the parking demand of the individual uses.

The Shared Parking evaluation reveals peak parking demands as follows:

- 1,277 vehicles between 12:00 Noon and 1:00 p.m. on a typical weekday;
- 898 vehicles between 12:00 Noon and 1:00 p.m. on a typical Saturday;
- 1,402 vehicles between 12:00 Noon and 1:00 p.m. on a December weekday; and
- 1,032 vehicles between 12:00 Noon and 1:00 p.m. during a December Saturday.

Based on the Shared Parking Evaluation, the anticipated peak parking demand for the proposed mixed-use development will occur between 12:00 Noon and 1:00 p.m. during a December Weekday, when 1,402 parked vehicles are anticipated. The proposed site plan includes 1,608 parking spaces, which is more than adequate to accommodate the anticipated peak parking demand of 1,402 vehicles.

Conclusion

Based on analyses of the levels of service ("LOS") during the AM peak hour, PM peak hour and Saturday peak hour for the Existing, No-Build and Build Conditions, the Year 2009 Build Traffic Conditions are briefly summarized below:

- The intersection of Old Country Road and East Gate Boulevard/Mitchell Avenue will operate at LOS "A" during the Peak AM Highway Hour, at LOS "D" during the Peak PM Highway Hour, and at LOS "C" during the Peak Saturday Shopper Hour. It is proposed to provide an additional left turn lane on the northbound approach and modify the traffic signal phasing, to improve overall operating conditions;

- The applicant will provide an additional eastbound lane on Old Country Road along the entire frontage of the property. With the additional lane, the intersection of Old Country Road and Cherry Lane/Site Driveway will operate at LOS "A" during the Peak AM Highway Hour and at LOS "C" during both the Peak PM Highway Hour and Peak Saturday Shopper Hour;

- The proposed New Site Driveway on Old Country Road (right turn in and right turn out) will operate at LOS "a" during the Peak AM Highway Hour and at LOS "b" during both the Peak PM Highway Hour and Peak Saturday Shopper Hour;

- With the additional eastbound lane on Old Country Road, the intersection of Old Country Road and Zeckendorf Boulevard/Private Driveway will operate at LOS "A" during the Peak AM Highway Hour, LOS "C" during the Peak PM Highway Hour and at LOS "D" during the Peak Saturday Shopper Hour;

- The STOP controlled minor movements at the intersection of Zeckendorf Boulevard and Shopping Center Driveway/Proposed New Site Driveway will experience long delays during the Peak PM Highway Hour and the Peak Saturday Shopper Hour. The installation of a traffic signal will eliminate the delays; however, the projected traffic volumes do not meet the traffic signal warrant requirements for the installation of a signal. The developer has agreed to monitor traffic conditions at this location, and to perform a Traffic Signal Warrant Study when the project is open and fully occupied. The developer will be responsible for the installation of a traffic signal when warrants are met, and appropriate governmental approvals are obtained;

- The minor STOP controlled movements at the intersection of Zeckendorf Boulevard and Transverse Drive will experience long delays during the Peak PM Highway Hour and Peak Saturday Shopper Hour. The installation of a traffic signal will eliminate the delays; however, the projected traffic volumes do not meet the traffic signal warrant requirements for the installation of a signal;

- The intersection of Zeckendorf Boulevard and Corporate Drive will operate at LOS "B" during the Peak AM and Peak PM Highway Hours and at LOS "C" during the Peak Saturday Shopper Hour;

- The intersection of Zeckendorf Boulevard and Dibblee Drive will operate at LOS "A" during the Peak AM Highway Hour, LOS "B" during the Peak PM Highway Hour and at LOS "E" during the Peak Saturday Shopper Hour. It is proposed to modify the traffic signal phasing, which will provide LOS "D" during the Peak Saturday Shopper Hour;

- The Intersection of Zeckendorf Boulevard and East Gate Boulevard will operate at LOS "A" during the Peak AM Highway Hour and at LOS "C" during both the Peak PM Highway Hour and Peak Saturday Shopper Hour;

- Traffic exiting the south site driveway at East Gate Boulevard will operate at LOS "b" during the Peak AM Highway Hour; LOS "c" during the Peak PM Highway Hour, and at LOS "d" during the Peak Saturday Shopper Hour. Traffic exiting North Avenue will operate at LOS "b" during the Peak AM Highway Hour and at LOS "c" during both the Peak PM Highway Hour and Peak Saturday Shopper Hour;

- Traffic exiting the north site driveway at East Gate Boulevard will operate at LOS "b" during the Peak AM Highway Hour and at LOS "c" during both the Peak PM Highway Hour and Peak Saturday Shopper Hour;

- At the Meadowbrook Parkway M1 interchange the left turn movement from westbound Old Country Road to southbound Parkway will experience long delays during all peak hours. It is proposed to install a traffic signal to improve existing operating conditions and traffic safety;

- The southbound off-ramp to eastbound Old Country Road will experience delays during the Peak AM Highway Hour, Peak PM Highway Hour and Peak Saturday Shopper Hour. The proposed traffic signal at the southbound entry ramp will create gaps which will reduce delays for this movement. The southbound off-ramp to westbound Old Country Road will experience delays during the Peak AM Highway Hour and Peak PM Highway Hour and will operate at LOS "d" during the Peak Saturday Shopper Hour;

- The intersection of Old Country Road and the Parkway northbound off-ramp/Byrd Avenue will operate at LOS "D" during all peak hours; however, the stacking on the ramp extends to the main line of the Parkway during peak periods. It is proposed to widen the off-ramp in order to increase the storage of the off-ramp approach to prevent spillover of traffic onto the Parkway main line; and

- At the Meadowbrook Parkway M2 interchange, the Parkway northbound off-ramp to westbound Zeckendorf Boulevard and the Zeckendorf Boulevard eastbound approach to the Parkway northbound on-ramp will experience delays during all peak hours. The Synchro analysis and traffic simulation reveal that the eastbound to northbound on-ramp is creating a gridlock on Zeckendorf Boulevard which impacts the entire interchange. To alleviate this congestion it is proposed to eliminate the eastbound to northbound loop-ramp and accommodate this movement on the westbound to northbound on-ramp at a new signalized intersection.

Proposed Improvements

Based on the traffic analyses performed by VMI-Maris, the following actions are recommended to enhance the flow of traffic in the vicinity of the site and mitigate the effects of the additional site traffic:

Old Country Road / East Gate Boulevard / Mitchell Avenue

- Provide an additional northbound left turn lane; modify signal phasing.

Old Country Road between East Gate Boulevard and Zeckendorf Boulevard

- Provide an additional eastbound lane.

Zeckendorf Boulevard / New Site Driveway

- Install a traffic signal when signal warrants are met and governmental approvals are obtained.

Zeckendorf Boulevard / Dibblee Drive

- Modify traffic signal phasing.

Fair Share Contribution

- The applicant will make a fair share contribution for improvements at the Meadowbrook Parkway M1 and/or M2 interchanges.

Air Quality

RTP Environmental Associates, Inc. performed an air quality study to evaluate the potential impacts on air quality resources that may result upon implementation of the proposed action. The air quality study evaluated the potential impacts during and after construction and was divided into traffic related impacts, impacts associated with the construction of the proposed project and impacts associated with the operation of the proposed project.

Traffic-Related Impacts

Carbon Monoxide

For carbon monoxide ("CO"), the Federal and State 1-hour standard is 35 parts per million ("ppm") and the 8-hour standard is 9 ppm. The peak combined CO 1-hour value, 4.8 ppm, occurred at a sidewalk receptor on the northeast corner of the intersection, which is well below the 35 ppm Federal and State air quality standard. The peak 8-hour combined traffic and background value, 3.4 ppm, occurred at the same sidewalk receptor location, which is well below the current Federal and State 8-hour standard of 9 ppm.

The maximum expected CO impact for the year 2009 with the proposed project traffic included or the Build Case (which also includes proposed traffic improvements). The 1-hour (rolled-back) background value was added to the projected traffic impacts with the project to yield a value of 5.2 ppm for the worst case sidewalk receptor. This value is again well below the 35 ppm one-hour Federal and State CO standard. The peak combined 8-hour value is 3.7 ppm. This value is also well below the Federal and State ambient 8-hour standard for CO.

Based on the air quality analysis, the air quality levels under the proposed action in the vicinity of the intersection of Old Country Road at East Gate Boulevard/Mitchell Drive are expected to be very similar to current air quality levels. This would likely be the case not only at this intersection, but along the entire roadway network surrounding the project site. Thus, no significant adverse impacts associated with CO emissions would be expected.

Fine Particulate and Other Vehicle Emissions

Common sources of fine particulate matter (PM_{10} and $PM_{2.5}$) in the vicinity of busy intersections are heavy duty trucks. Light duty trucks as well as medium duty trucks typically run on gasoline, while heavy duty trucks typically run on diesel fuel. PM_{10} and $PM_{2.5}$ emission factors were generated for Existing (2007) traffic conditions and No Build and Build with Improvements (2009) traffic conditions and the annual and 24-hour concentrations were the same under all scenarios.

Potential Construction-Related Impacts

Impacts to air quality from project construction activities are anticipated to be short-term and relatively insignificant. The proposed action will require demolition activities, site grading and construction. The construction process is expected to be completed in one phase with completion by 2009.

During construction, the operation of heavy construction equipment is a source of temporary dust emissions that can impact local air quality. Different types of controls would be implemented to reduce fugitive dust emissions, including the use of water trucks, covered storage piles and trucks, the phasing of construction activities to minimize the extent of disturbed soils, stabilizing soils, and installation of gravel road beds.

Based on the analyses in the air quality assessment, it is estimated that the site will generate 0.15 tons of PM_{10} per acre per month of activity, or 3.3 tons per month (if all 22 acres were simultaneously under construction for any given month). Over a 12 month period (assuming all 22 acres under construction simultaneously for an entire year), the total PM_{10} emissions are conservatively estimated at 39.6 tons. Considering the period of time, expected construction phasing and the distribution of these emissions over substantial areas and the control measures typically applied during construction, air quality impacts are expected to be minimal and not exceed air quality standards.

Potential Operational Related Impacts

The operation of point and fugitive sources of air pollution at the proposed facilities will result in minimal increases in the overall atmospheric air pollutant burden based on the nature of typical retail operations and associated activities. Heating, ventilation and air conditioning ("HVAC") systems, which consume fossil fuels, release small amounts of air pollutants that when compared to the regional burden are insignificant and should not cause an exacerbation of applicable standards or guidelines.

Socioeconomics

An *Economic Impact Study* was conducted in May 2008 by Thomas Conoscenti & Associates, Inc. to evaluate the potential economic impact of the proposed action. The *Economic Impact Study* focused on the estimated capital investment, impact of construction activity on employment, impact of wages and salaries, impact for several types of expenditures, sales tax revenues, and real property tax revenues.

The proposed development, which includes retail, restaurant, and office space, and a hotel, is estimated to cost $81.7 million. This cost includes the construction, engineering, planning, and other development costs. It is estimated that labor costs will account for $39.0 million, or approximately 48 percent, of the total cost. Building material expenses, estimated at approximately $32.0 million, and other costs (approximately $11.0 million) make up the remainder of the total cost for the proposed development. These costs were used in the *Economic Impact Study* to evaluate the total value, or economic contribution, of the proposed development to the local economy.

Employment and Payroll Creation

The *Economic Impact Study* found that the total income generated by the construction of the proposed development is estimated at $165.2 million. The number of jobs during the construction phase is estimated at 819 full-time jobs, with an estimated 508 full-time jobs generated per year, totaling 1,327 full-time jobs during the two-year construction period. The proposed development, after the completion of construction, would employ an estimated 1,494 full-time employees on the subject site. Approximately 2,241 secondary full-time jobs are anticipated to be created by the spending activities related to the proposed development. The *Economic Impact Study* calculated the annual primary payroll of the proposed development as $112.5 million, with a total impact of $309.5 million on the local economy, based on the standard multiplier.

Tax Generation

The *Economic Impact Study* evaluated the proposed development based on tax revenues obtained by all levels of government. It is estimated that, during the construction phase, the proposed development would generate approximately $41.3 million and $12.4 million in Federal and State income taxes, respectively, for a total of $53.7 million. Increased spending during the construction phase is expected to generate $4.1 million in State and local sales tax revenues.

The proposed development, after construction is complete, is anticipated to contribute $98.6 million annually in federal and state income taxes. The estimated sales taxes generated by the completion of the proposed development included three effects (i.e., spending by the employees, spending by the management of the facilities, and spending by the hotel guests). The *Economic Impact Study* estimated a total of $16.1 million in sales tax revenues generated by the proposed development.

Real property taxes generated by the proposed development were evaluated utilizing the tax rates for Nassau County, Town of Hempstead, Uniondale UFSD, and Special Districts for the 2008 fiscal year. It is estimated that approximately $4.3 million would be paid annually to local and county governments, as well as the school and library districts.

School-Aged Children

As there are no residential units included in the proposed development, no school-aged children would be generated by same. Therefore, the estimated real property taxes to be paid to the school district, approximately $2,557,253 annually, would represent significant annual net revenues to the Uniondale UFSD.

Solid Waste

The proposed development is estimated to generate approximately 167.2 tons per month of solid waste. Solid waste generated by the proposed development would be collected by a licensed private carter, under contract to the applicant. All non-recyclable, non-hazardous municipal solid waste collection in the Town of Hempstead is incinerated at the Covanta waste-to-energy facility in Westbury. The licensed private carter to be contracted by the applicant to serve the proposed development is under no obligation to bring solid waste generated at the subject property to this facility, however, all solid waste would be handled by the private carter in accordance with prevailing regulations. Solid waste generation at the subject property would increase versus the existing condition, however, the proposed development is not expected to significantly impact regional solid waste management practices.

Emergency Services

Consultations were undertaken with the Nassau County Police Department, Third Precinct. Inspector James O'Leary of the Third Precinct indicated that the Department provides routine patrol 24 hours a day, 7 days a week, and that the Third Precinct has additional units that will patrol and/or respond to the subject property if needed. Based on the information provided, the Nassau County Police Department will continue to serve the subject property such that the proposed action is not expected to have a significant adverse impact on police protection services.

The subject property is situated within the service area of the Westbury Fire Department. Correspondence was forwarded to George Perrin, Chief of the Department, on October 6, 2008, advising of the proposed action and requesting information relating to fire protection services.

No response has yet been received. However, construction will meet all prevailing building and fire codes. Moreover, a Westbury Fire Department Station exists approximately 1.5 miles east of the subject property. In addition, the proposed use would be similar to several existing uses of similar design along the Old Country Road corridor and in the service area of the Westbury Fire Department. As such, no significant adverse impacts upon fire protection services are anticipated.

Aesthetics and Lighting

Several elevation drawings of the proposed buildings, an aerial perspective rendering from above Old Country Road, and a perspective rendering from the proposed parking deck, were prepared to depict the architectural and aesthetic elements of the proposed mixed-use development.

Old Country Road

Under existing conditions, the three-story portion of the former Avis building is situated at the northern extent of the property, separated from the roadway only by small parking areas. The proposed site layout places the tallest structures (i.e., the office and hotel uses) at the southern extent of the property in order to reduce the scale of the buildings from perspectives along Old Country Road, and to allow open views of the various uses. The street trees proposed along Old Country Road also serve to screen and reduce the scale of the taller structures. The proposed retail and restaurant uses have been placed close to the roadway, to easily define the site and to catch the attention patrons passing the property. These buildings have been specifically designed to appear as fronts, although primary access to these uses is generally internal to the site. The parking areas have been sited beside and behind these uses, to eliminate them from views of the property to the maximum extent practicable. Where parking areas are along the roadway, street trees and other plantings are proposed to obscure views.

Overall, views of the subject property from along Old Country Road would be significantly improved by the proposed development as the proposed action would redevelop a vacant, underutilized site on a heavily-traveled corridor.

East Gate Boulevard

Under existing conditions, views of the site from along East Gate Boulevard are dominated by expansive parking areas. Upon implementation of the proposed action, views of the subject property from along East Gate Boulevard will primarily include the rear of retail buildings "A-1," "A-2," and "B-1." The buildings are stepped-back traveling from north to south, to maintain the character of East Gate Boulevard where greater setbacks are more typical as compared with the Old Country Road corridor. The hotel use is set back approximately 150 feet from the roadway, to reduce the scale of the building as perceived from East Gate Boulevard.

Street trees and shrubs are proposed along East Gate Boulevard (primarily oaks and elms) to screen the development, and a single existing 30±-inch caliber red oak would be retained. Several arborvitae plantings would be installed to screen the service area proposed at the south of the "Retail B-1" building. Overall, the proposed action would not be expected to result in significant adverse visual impacts from along East Gate Boulevard.

Zeckendorf Boulevard

Under existing conditions, the views of the site from along Zeckendorf Boulevard are dominated by overgrown, unkempt landscaped vegetation. The proposed action includes the replacement of this vegetation with maintained trees and shrubs, resulting in a positive aesthetic impact. Views of the site from along Zeckendorf Boulevard would include retail buildings "C" and "D," at the northern portion of the site, and the office building at the southern portion of the site. The office use would be significantly set back from the roadway (greater than 175± feet) to reduce the perceived scale of the building from Zeckendorf Boulevard. The proposed parking deck, to be situated within the southeast portion of the subject property, is designed such that the top level of the garage would only be approximately three feet above the grade of the roadway. Furthermore, several trees and shrubs would be planted at the site's frontage in this area to provide screening. Overall, the proposed action is expected to improve the aesthetic quality of the site versus existing conditions.

Lighting

The proposed project will include site lighting throughout all common areas of the development. Site lighting would be provided by several 28-foot light poles, as well as wall-mounted fixtures, installed throughout the proposed parking areas and along internal drives to provide a safe environment for pedestrians and vehicles.

The *Photometric Plan* for the proposed lighting system indicates that the minimum lighting level (expressed in footcandles, "fc") to be provided is 2.0 fc, with an average of 6.68 fc. As such, it is expected that the proposed lighting system will adequately illuminate the common areas of the development. The proposed lighting system would include downward-facing fixtures only to prevent unnecessary off-site spill. However, there are no sensitive land uses (e.g., residential) adjacent to the subject property. Therefore, no adverse impacts upon such uses would result.

Based on the above, the proposed lighting system would provide adequate illumination of all common areas, and would not have any significant adverse impacts upon surrounding properties.

PROPOSED MITIGATION MEASURES

Soils and Topography

- Erosion and sedimentation control measures will be installed prior to construction. Such erosion and sedimentation control measures will include the strategic placement of silt fences and temporary berms and trenches to prevent overland runoff, stockpile protection, storm drain silt control measures, and installation of foundations, pavement and/or landscaping as soon as possible after soil disturbance which would effectively limit the extent of soil erosion;

- All erosion and sediment control measures, which will be installed prior to construction, will be routinely maintained to ensure their proper functioning and will remain in place until disturbed areas are stabilized;

- After site clearing, the area will be paved and/or planted to minimize the amount of time that soils are exposed;

- All topsoil and/or subgrade material that can be stockpiled during construction will be used in areas to be replanted and regraded; and

- Retaining walls will be installed to stabilize specific land areas where slope modifications are proposed.

Water Resources

- The proposed project will adhere with the relevant recommendations of the *208 Study*, *NURP Study*, *Nonpoint Source Management Handbook* and other applicable studies to ensure adequate protection of groundwater;

- All stormwater will be controlled on-site during construction;

- Appropriate erosion and sedimentation controls will be employed to minimize the potential adverse impacts associated with overland flow on-site;

- The proposed 3.81± acres of lawn and landscaping area will consist of low maintenance species to reduce the need for fertilizers, pesticides and irrigation;

- The proposed drainage plan includes drywells to contain and recharge stormwater on-site. Use of a properly-designed stormwater management system will minimize impacts to groundwater.

Land Use and Zoning

- The proposed site plan increases the total area of landscaping at the subject property by 2.13± acres (from 73,107± square feet to 165,829± square feet);

- The 30±-inch caliper Red Oak along East Gate Boulevard would be retained, as indicated on the *Landscape Plan*. During construction, this tree would be protected by four-foot-high wooden snow fencing (eight-foot by eight-foot square), which would surround the tree; and

- A parking deck will be constructed, with direct access to the proposed office use (second-story bridge) and to the proposed signalized eastern site access at Zeckendorf Boulevard, to reduce the need for surface parking.

Transportation

- At the intersection of Old Country Road and East Gate Boulevard/Mitchell Avenue, an additional left turn lane on the northbound approach would be constructed and the traffic signal phasing modified, to improve overall operating conditions;

- An additional eastbound lane would be provided on Old Country Road along the entire frontage of the property;

- The applicant will monitor traffic conditions at the intersection of Zeckendorf Boulevard and Shopping Center Driveway/Proposed New Site Driveway, and to perform a Traffic Signal Warrant Study when the project is open and fully occupied, and if warrants are met, will install a traffic signal;

- Traffic signal phasing modifications would be modified at the intersection of Zeckendorf Boulevard and Dibblee Drive; and

- The developer will make a fair share contribution for improvements at the Meadowbrook Parkway M1 and/or M2 interchanges.

Air Quality

- During construction, different types of controls would be implemented to reduce fugitive dust emissions, including the use of water trucks, covered storage piles and trucks, the phasing of construction activities to minimize the extent of disturbed soils, stabilizing soils, and installation of gravel road beds.

Socioeconomics

As the proposed action would result in significant positive socioeconomic impacts, no mitigation is proposed.

Solid Waste

As the proposed action would not result in significant adverse impacts associated with solid waste generation, no mitigation is proposed.

Emergency Services

As the proposed action is not expected to result in significant adverse impacts upon emergency services, no specific mitigation measures are required.

Aesthetics and Lighting

- The site layout places the largest structures (i.e., the office and hotel uses) at the southern extent of the property in order to reduce the scale of those project elements from perspectives along Old Country Road;

- The proposed landscaping includes street trees and shrubs to soften views of the site, and screening vegetation at the service area; and

- The proposed parking deck is designed such that the top level of the garage is approximately three feet, at maximum, above the grade of the Zeckendorf Boulevard roadway.

ALTERNATIVES AND THEIR IMPACTS

This section examines the SEQRA-mandated No-Action Alternative, pursuant to 6 NYCRR Part 617.

No-Action Alternative

The No-Build Alternative evaluated herein includes the re-occupation of the existing Avis buildings and site. The 16,500±-square-foot occupied retail use would remain, and the 482,372±-square-feet of existing vacant building space would be occupied by an office use. There would be no changes to the site and all existing access points would remain.

2.0 DESCRIPTION OF PROPOSED ACTION

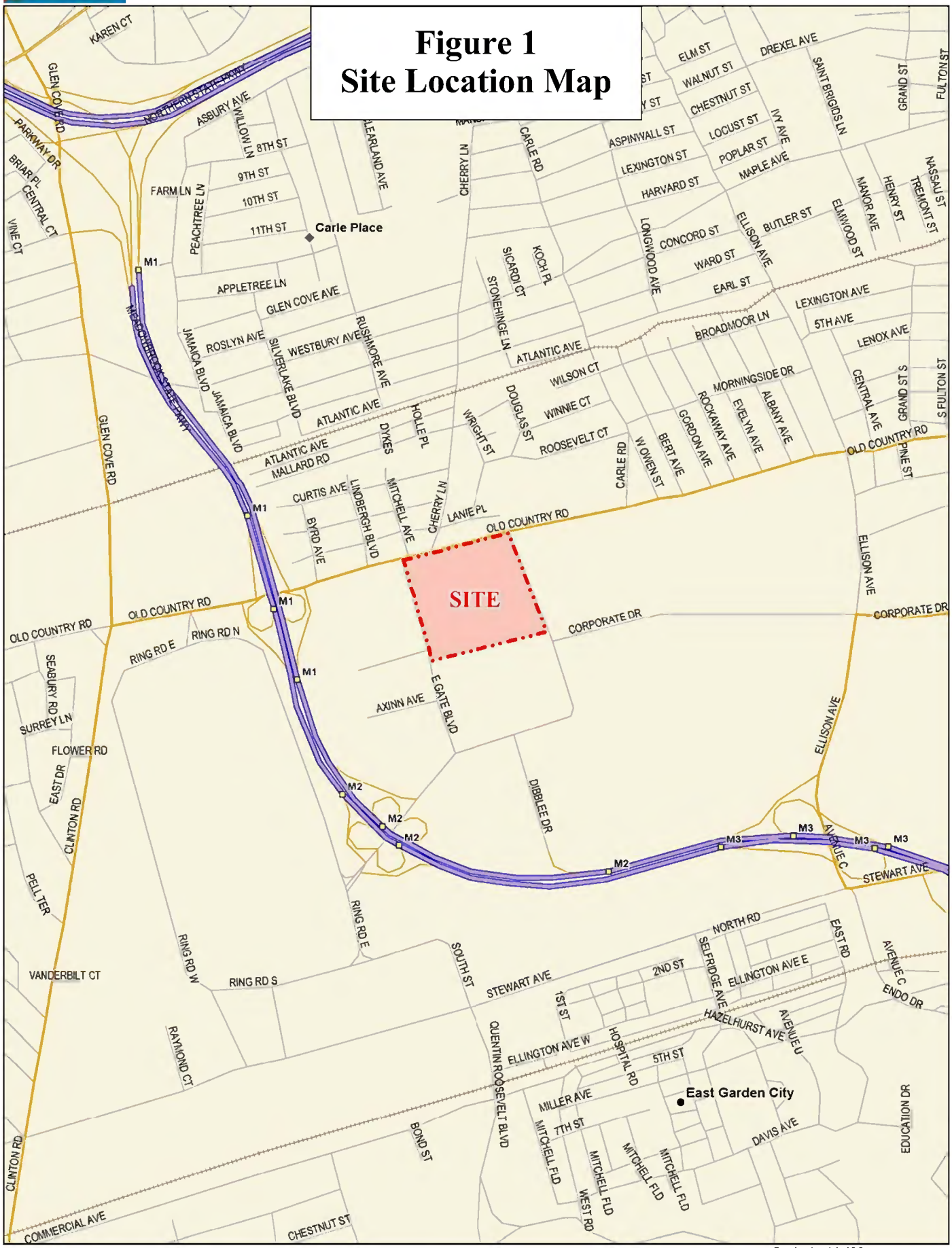
2.1 INTRODUCTION

The proposed action involves applications for special permits, a parking variance, and site plan approval for the redevelopment of the former Avis property with a 400,000±-square-foot mixed-use development. The 21.86±-acre subject property is located at 900 Old Country Road, between Zeckendorf Boulevard and East Gate Boulevard, in the hamlet of Garden City, Town of Hempstead, Nassau County (hereinafter the "subject site") (see Figure 1). The subject site is designated on the Nassau County Land and Tax Map as Section 44, Block 67, Lots 26 through 28 (see Figure 2).

2.2 EXISTING SITE CONDITIONS

According to the *Land Title Survey* prepared by Control Point Associates, Inc. (see Appendix A), the subject site is 21.86± acres. It is currently developed with one occupied commercial building (Thomasville Furniture Gallery), three vacant commercial/industrial buildings and associated parking and landscaped areas. The largest vacant building is one- and three- stories in height and was formerly occupied with offices and warehouse space for the corporate headquarters of the Avis Corporation. Two smaller vacant buildings exist at the southeast corner of the subject site. The total existing building footprint is 358,524± square feet, with 498,872± square feet in combined gross floor area ("GFA"). As the subject site is 952,153± square feet (21.86± acres), the existing floor area ratio ("FAR") is 0.524.

Figure 1
Site Location Map



Data use subject to license.
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TN
MN (13.3°W)

Scale 1 : 14,400
1" = 1,200.0 ft
Data Zoom 13-7

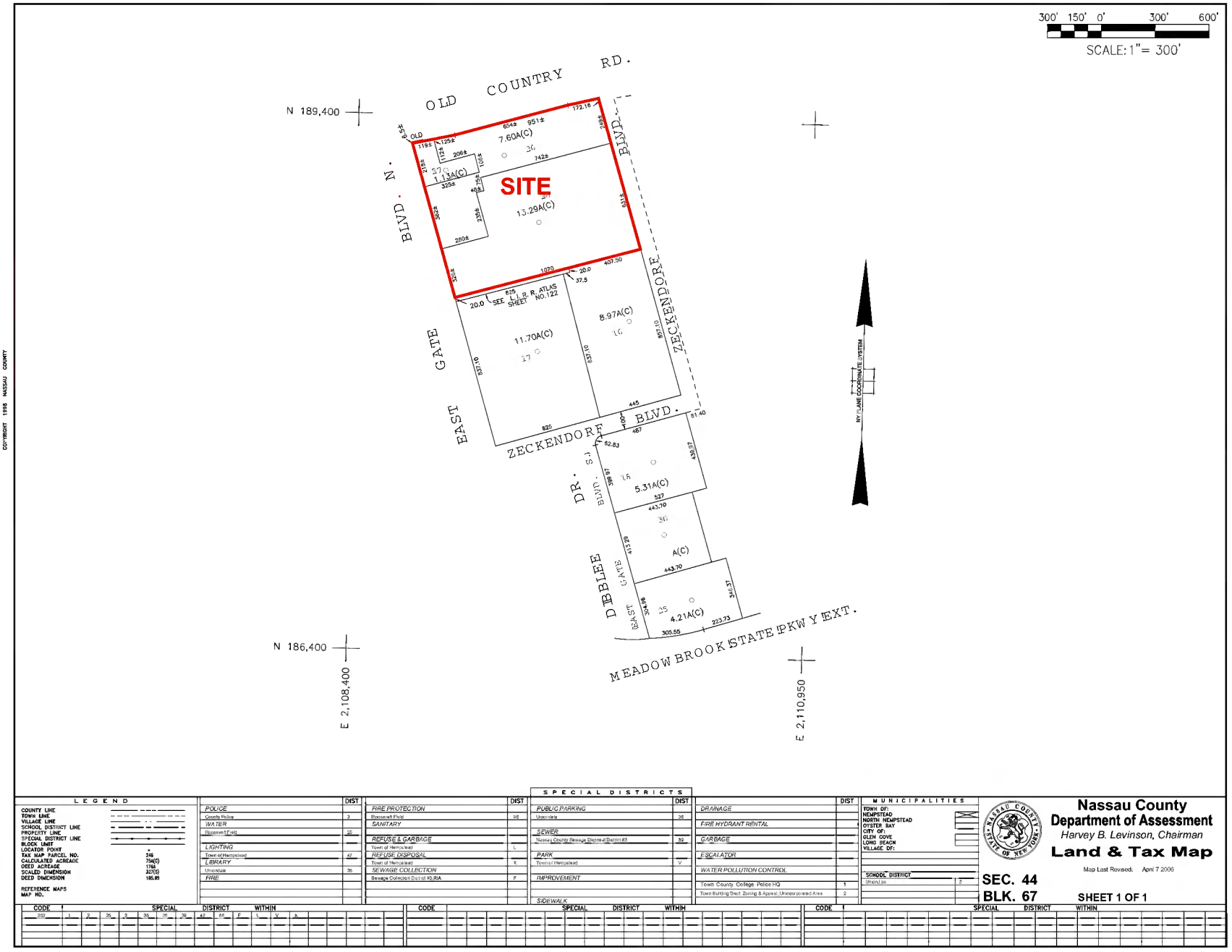

300' 150' 0' 300' 600'
SCALE: 1"= 300'
N 189,400
OLD COUNTRY RD.
SITE
7.60A(C)
1.13A(C)
13.29A(C)
11.70A(C)
8.97A(C)
5.31A(C)
A(C)
4.21A(C)
N. BLVD.
ZECKENDORF BLVD.
EAST GATE
ZECKENDORF BLVD.
DR. BLVD.
DEBBLEE GATE EAST
MEADOW BROOK STATE PKWY EXT.
SEE L.I.R.R. ATLAS SHEET NO.122
NY - LAKE COORDINATE SYSTEM
N 186,400
E 2,108,400
E 2,110,950
COPYRIGHT 1998 NASSAU COUNTY
LEGEND
COUNTY LINE
TOWN LINE
VILLAGE LINE
SCHOOL DISTRICT LINE
PROPERTY LINE
SPECIAL DISTRICT LINE
BLOCK UNIT
LOCATOR POINT
TAX MAP PARCEL NO. 246
CALCULATED ACREAGE 754(C)
DEED ACREAGE 1768
SCALED DIMENSION 327(S)
DEED DIMENSION 185.89
REFERENCE MAPS
MAP NO.
SPECIAL DISTRICTS
POLICE
FIRE PROTECTION
PUBLIC PARKING
DRAINAGE
WATER
SANITARY
FIRE HYDRANT RENTAL
LIGHTING
SEWER
REFUSE & GARBAGE
GARBAGE
REFUSE DISPOSAL
PARK
ESCALATOR
LIBRARY
IMPROVEMENT
WATER POLLUTION CONTROL
SEWAGE COLLECTION
FIRE
SIDEWALK
MUNICIPALITIES
TOWN OF: NEWMSTEAD
NORTH NEWMSTEAD
OYSTER BAY
CITY OF:
GLEN COVE
LONG BEACH
VILLAGE OF:
SCHOOL DISTRICT
Uniondale
Nassau County
Department of Assessment
Harvey B. Levinson, Chairman
Land & Tax Map
Map Last Revised: April 7 2006
SEC. 44
BLK. 67
SHEET 1 OF 1

Figure 2

2.3 PROPOSED PROJECT

The proposed redevelopment involves the demolition of the three existing vacant buildings (combined GFA of 482,372± square feet) and the existing 16,500±-square-foot Thomasville Furniture Gallery building, and the construction of a hotel, an office, four restaurants (1,000 seats in total), and several retail uses (see *Site Plan* in Appendix A). The site layout includes a central parking area, with the proposed buildings surrounding. Two 7,500±-square-foot restaurant pads would be centered along the Old Country Road frontage ("Restaurant E" and "Restaurant F" -- see *Site Plan* in Appendix A), with a 9,060±-square-foot retail pad at the intersection of Old Country Road and Zeckendorf Boulevard ("Retail D" - see *Site Plan* in Appendix A). The displaced Thomasville furniture gallery would occupy a 15,000±-square-foot building at the intersection of Old Country Road and East Gate Boulevard ("Retail A-1" - see *Site Plan* in Appendix A), with 26,168± square feet of multi-tenant retail space attached, extending to the south, along East Gate Boulevard ("Retail A-2" - see *Site Plan* in Appendix A). A one- and two-story, 30,537±-square-foot, multi-tenant retail building would be situated at the east side of the central parking area ("Retail C" - see *Site Plan* in Appendix A) with a 7,500±-square-foot restaurant use included within.

Several retail areas ("Retail B-1," "Retail B-3" and "Retail B-4" -- see *Site Plan* in Appendix A), a hotel ("Hotel B-2" -- see *Site Plan* in Appendix A) and the proposed office use ("Office B-6" -- see *Site Plan* in Appendix A) would extend west-to-east along the south side of the central parking area. The proposed office use would occupy 175,000± square feet within five stories, with retail uses and a lobby area below (at the ground level). The proposed hotel would occupy 70,000± square feet, within five stories. Each of the second through fifth floors would extend above the adjacent single-story retail uses on either side of the hotel's ground level. At the south of these retail, office and hotel uses, additional parking would be provided within surface parking areas and within a proposed two-level parking garage structure (at the southeast corner of the subject property).

The proposed building areas associated with each project component (i.e. hotel, retail, etc.) are presented in Table 1, below.

Table 1 - Proposed Uses and Building Occupancies

Proposed Use	Building	Proposed Square Footage
Hotel	Hotel B-2	70,000 sf
Office	Office B-6	175,000 sf (Plus 6,507 sf open lobby)
Restaurant (4 uses, 1,000 seats total)	Restaurant E	7,500 sf
	Restaurant F	7,500 sf
	Within Retail	7,500 sf
	Within Retail	7,500 sf
Retail	Retail A-1 (Thomasville)	15,000 sf
	Retail A-2	26,168 sf
	Retail B-1	8,000 sf
	Retail B-3	15,600 sf
	Retail B-4	15,178 sf
	Retail B-5	12,957 sf
	Retail C	23,037 sf
	Retail D	9,060 sf
	Total	400,000 sf

According to the *Site Plan* prepared by RMS Engineering, P.C. (see Appendix A), the total proposed lot coverage is 165,970± square feet, not including the parking structure (footprint of 61,718± square feet). As indicated in Table 1 above, the proposed buildings would have a total floor area of 400,000± square feet, and an FAR of 0.427. The proposed two-level parking deck would have 123,436± square feet of floor area, adding 0.13 to the FAR of the overall site.

The existing and post-development site data, as provided by RMS Engineering, P.C., are as follows:

Table 2 - Existing and Proposed Site Data

Coverage Type	Existing	Proposed
Building Area	358,524 sf (8.23 acres)	227,730 sf (5.23 acres)
Pavement	520,522 sf (11.95acres)	543,608 sf (12.48 acres)
Landscaped Area	73,107 sf (1.68 acres)	165,829 sf (3.81 acres)
Road Dedication	N/A	14,986 sf (0.34 acre)
Total	952,153 sf (21.86 acres)	952,153 sf (21.86 acres)

As indicated by the above, the proposed action would reduce the area of impervious surfaces from 20.18 acres to 17.71 acres, while increasing the area of lawn and landscaping from 1.68 acres to 3.81 acres. A road dedication comprising 0.34 acre is proposed and is discussed below.

Access and Parking

Vehicular access to the subject site would be provided via six driveways. Two main west access points are proposed along East Gate Boulevard, including one aligned with North Avenue. A third, egress-only point is planned behind the proposed Thomasville building. Each of the three access points along East Gate Boulevard are existing driveways. Two northern access points would exist along Old Country Road: one at an existing, signalized intersection (Cherry Lane); and a second, unsignalized access allowing right-in and right-out movements only. A sixth access would be created along Zeckendorf Boulevard, with ramp access to the proposed parking structure levels and the surface level, aligned with an existing internal drive of the shopping center to the east (see *Site Plan* in Appendix A). Allowable movements, as well as existing and proposed signalization of these intersections, is discussed in greater detail in Section 4.4 of this DEIS.

The proposed layout includes 1,221 surface parking spaces (including 46 ADA spaces), as well as a two-story parking structure (with surface parking below), offering an additional 387 spaces. Thus, a total of 1,608 spaces are proposed. Pursuant to the parking requirements set forth within the Building Zone Ordinance of the Town of Hempstead, a total of 1,942 parking spaces are required for the proposed development. Thus, a parking variance for 334 spaces (17.2 percent relaxation) would be required to allow the development as proposed.

Landscaping

Extensive landscaping is proposed along the site perimeters, internal drives and within landscaped islands throughout the site (see *Landscape Plan* in Appendix A). Landscaped buffers would be created along the property frontages at Old Country Road, East Gate Boulevard and Zeckendorf Boulevard to enclose the site, to provide screening, and to enhance views of the site from surrounding areas. Such buffers would consist primarily of Red Oak, Japanese Zelkova and Red Maple trees, with a variety of shrubs and low-lying species planted below. A concentration of Norway Spruce and Douglas Fir would be planted along Zeckendorf Boulevard, immediately south of Old Country Road, specifically to screen the rear of the proposed "Retail D" building. The southern border of the site, which is adjacent to a section of out-of-service Long Island Rail Road tracks and industrial uses, would be planted with a mix of Arborvitae and Cedar evergreen species for year-round screening.

Potable Water and Sanitary Waste Disposal

Potable water would be supplied to the subject site by the Roosevelt Field Water District. According to the project engineer, the projected daily water use would be 67,098± gallons per day ("gpd") or 24.49 million gallons per year ("MGY"). It is anticipated that an additional 1.40 MGY[3] would be utilized for on-site irrigation, or an additional 3,836 gpd during the 18-week irrigation season.

[3] Reflects a plant water demand of ¾-inch per week.

Sanitary discharge would be accommodated via connection to the Nassau County Sewage Disposal District Number 3, maintained by the Nassau County Department of Public Works ("NCDPW"). The projected sanitary flow is 67,098± gpd.

Stormwater Management

The proposed stormwater management system includes catch basins, drywells and several series of interconnected leaching pools installed throughout the proposed paved areas. Based on the *Grading and Drainage Plan* prepared by the project engineer (see Appendix A), approximately 188 leaching pools (12-foot diameter, 18-foot effective depth) would be installed to accommodate a minimum five-inch storm event. Paved areas at the site would be slightly pitched toward the open-grate drywells and catch basins, and roof runoff would be piped into the system. As will be discussed in Section 4.2 of this DEIS, eight inches of storage/retention is required, and a waiver from the NCDPW will be sought by the applicant to permit a five-inch system design.

Utilities

The subject property would receive electric service from the Long Island Power Authority ("LIPA"), and natural gas service from KeySpan/National Grid ("KeySpan Energy"). As provided by the project engineer, the expected total peak electrical demand would be 3,246 kilovolt amperes ("kVA"), and the expected total peak natural gas demand[4] would be 35,050 MBH.[5]

[4] The project components may not experience coincident peak demands. See Table 28 in Section 10.0 of this document for additional details for the peak demands of the individual project components.
[5] One MBH = 1,000 British Thermal Units ("BTUs") per hour.

2.4 PURPOSE, NEED AND BENEFITS OF THE PROPOSED ACTION

The purpose of the proposed action is to redevelop a significantly underutilized and largely vacant 21.86±-acre subject property with a mixed-use development offering retail, office, hotel and restaurant uses along an established commercial corridor in character with surrounding development. The expected benefits are several, as the development would provide employment opportunities, increase the tax contributions of the subject property, and take advantage of an underutilized site while improving the condition and appearance of the site.

Specifically, the proposed development would create thousands of jobs during and beyond construction (i.e., 1,327 jobs during construction, 1,494 jobs during operation and approximately 2,241 secondary jobs to be created by spending activities related to the proposed development). Once operating, the annual primary payroll of the proposed development would be approximately $112.5 million, with an estimated total positive impact of $309.5 million on the local economy, and $98.6 million in annual Federal and State sales taxes would be generated.

Total annual real estate taxes paid to local governments, special districts and the local school district are expected to increase by 103 percent versus existing conditions (from $2,092,320 to $4,251,029) as a result of the proposed development.

The site occupies three active area roadways, and with the exception of the existing operational retail use, the site is vacant and decaying. The proposed development would create a vibrant and well-maintained commercial center in character with the surrounding area, representing a drastic aesthetic improvement to the site and to views along Old Country Road, Zeckendorf Boulevard and East Gate Boulevard.

2.5 REQUIRED PERMITS AND APPROVALS

The following permits and approvals must be obtained in order to commence construction of the proposed project:

Table 3 - Required Permits and Approvals

Permits and Approvals	Agency
Site Plan	Hempstead Town Board
Special Permits (Hotel and FAR in excess of 0.40) and Parking Variance	Town of Hempstead Board of Appeals
Referral	Nassau County Planning Commission
Water Supply	Town of Hempstead Water Department
Fire Safety Review	Nassau County Fire Marshal
Sewer Connection	Nassau County Department of Public Works
239F Review, Road Opening, Highway	Nassau County Department of Public Works
Industrial Waste (grease traps)	Nassau County Department of Public Works
SWPPP	New York State Department of Environmental Conservation

3.0 EXISTING ENVIRONMENTAL CONDITIONS

3.1 SOILS AND TOPOGRAPHY

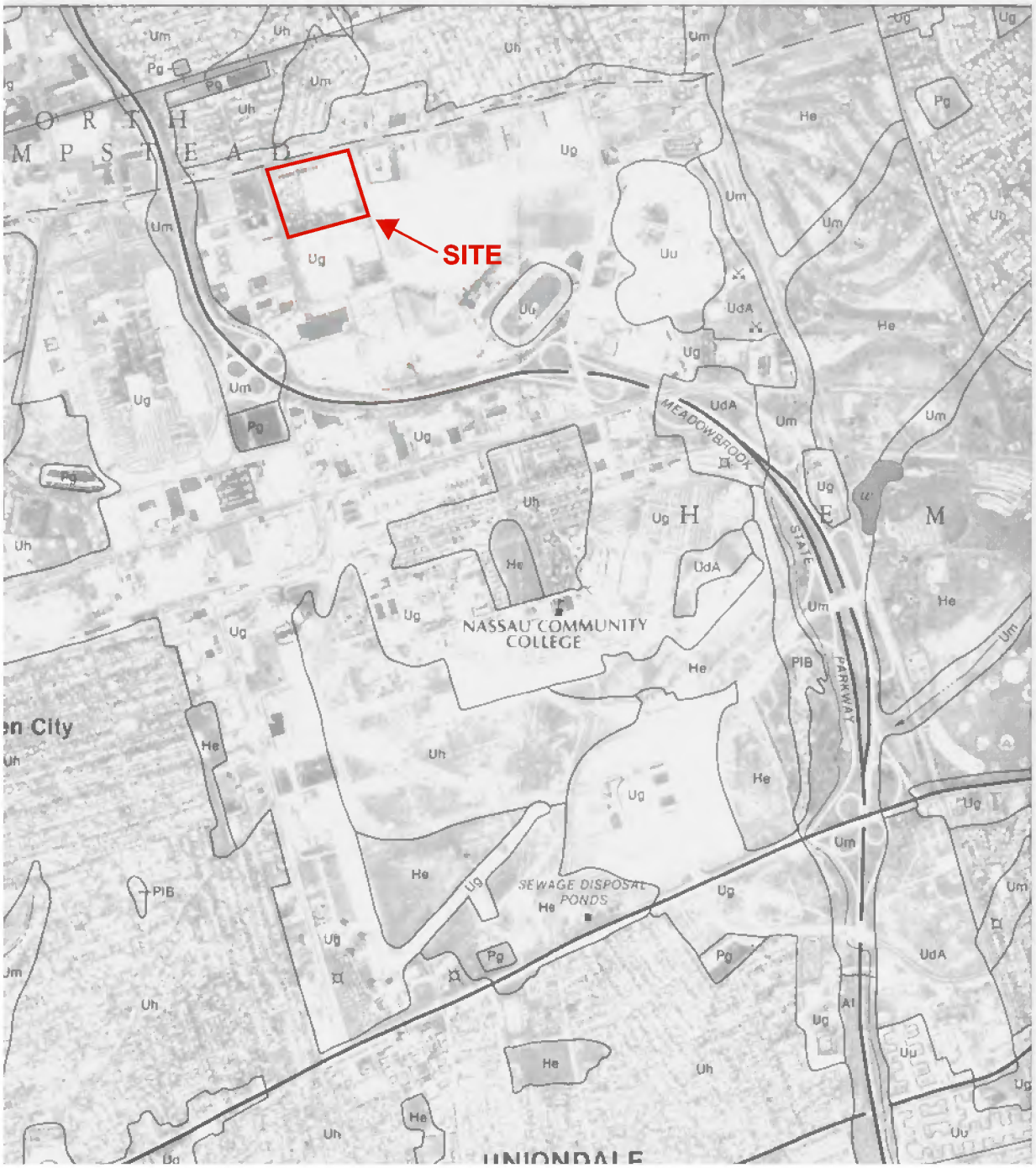
3.1.1 Soils

Within the *Soil Survey of Nassau County, New York* (USDA, 1987) (hereinafter the "Soil Survey"), soils are classified according to distinct characteristics and placed (according to these characteristics) into "series" and "mapping units." A "series" is a group of mapping units formed from particular disintegrated and partly weathered rocks which lie approximately parallel to the surface and which are similar in arrangement and differentiating characteristics such as color, structure, reaction, consistency, mineralogical composition and chemical composition. "Mapping units" differ from each other according to slope and may differ according to characteristics such as texture.

According to the Soil Survey, and as indicated in Figure 3, the soils at the subject site are classified as Urban land ("Ug"). This unit consists of areas where at least 85 percent of the surface is covered with asphalt, concrete, or other impervious building material. These areas are mostly parking lots, shopping centers, industrial parks, or institutional sites. Many are in the business centers of villages and cities. Most areas are nearly level, and some are gently sloping. Typically, these areas are rectangular or long and narrow and are adjacent to local major thoroughfares. The areas range from about three acres to as much as several hundred acres.

Included with this unit in mapping are small areas of soil that have not been appreciably altered or are not under an impervious cover. Often, these are lawn areas or other landscaped areas. Most of the included open areas are well drained Riverhead, Hempstead, or Enfield soils or excessively drained Udipsamments.

Excerpt of Soil Survey Map



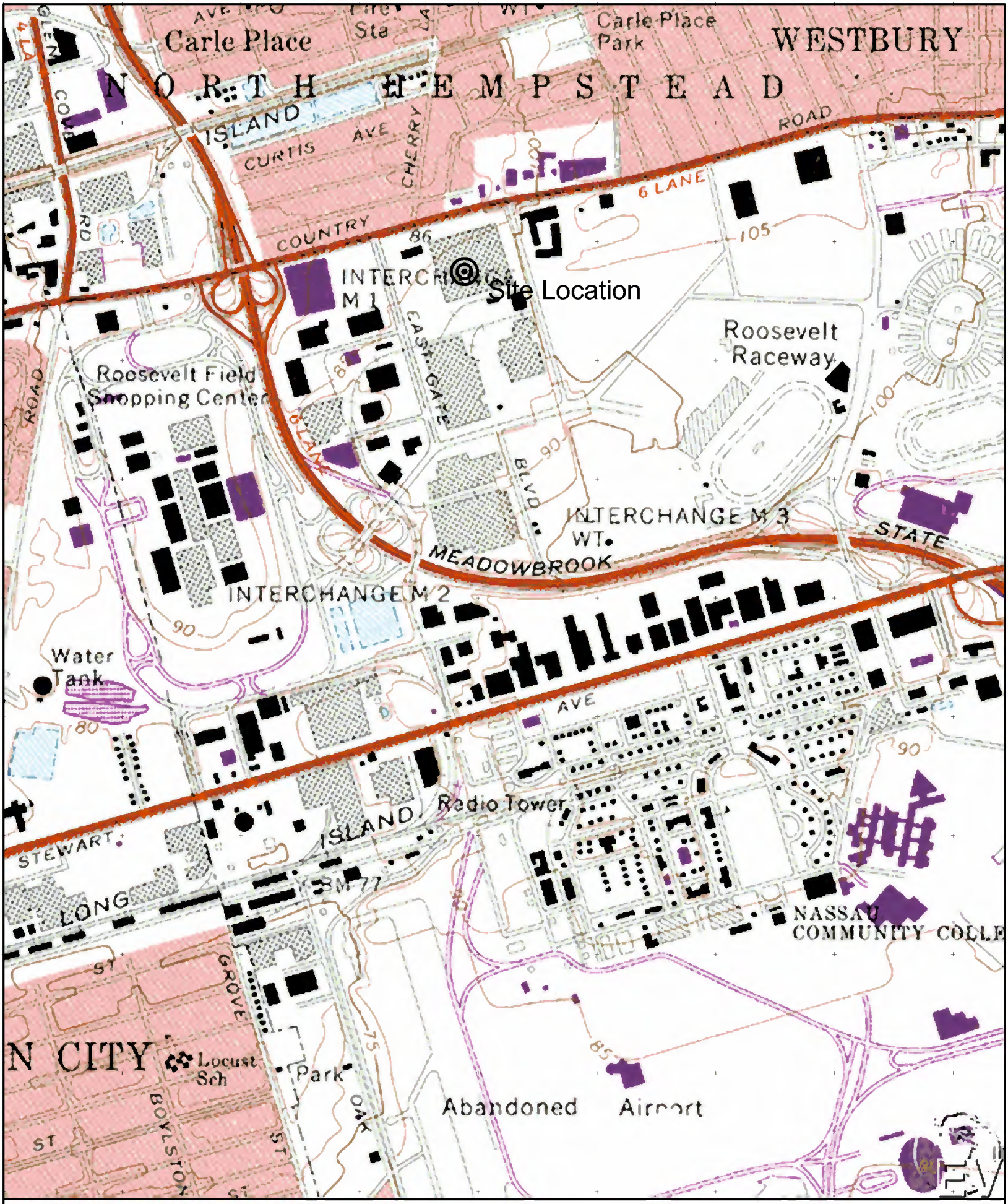
Source: USDA Soil Survey of Nassau County, New York, Map No. 11, 1987.
Scale: 1 : 24,000 (Approx.)

Figure 3

In many areas, rapid or very rapid runoff prevents adequate discharge of runoff from intense rainstorms to safe outlets. A few areas are in low spots where seasonal wetness sometimes causes temporary flooding of the surface or frost heaving and subsequent breakup of surface pavements. Since areas with Ug soils have been developed previously, the Soil Survey does not define engineering or planning limitations for the development of dwellings, lawn and landscaped areas or local roads.

3.1.2 Topography

According to a site-specific topographic survey prepared by Control Point Associates, Inc. (see *Land Title Survey* in Appendix A), the subject property is relatively flat throughout, with elevations between 82± and 87± feet amsl in most areas. At the eastern site boundary, along Zeckendorf Boulevard, elevations sharply increase to approximately 98 feet amsl. Elevations of East Gate Boulevard, along the site's western frontage, are relatively flat (83± to 85± feet amsl). At the site's northern frontage, Old Country Road slopes upward from west to east (85± to 91± feet amsl). Zeckendorf Boulevard, at the site's eastern frontage, slopes upward from north to south (92± to 101± feet amsl). According to the project engineer, approximately 97 percent of the site is comprised of slopes between 0 and 10 percent, and the remaining three percent of the site is comprised of slopes greater than 15 percent.



Name: FREEPORT
Date: 6/18/108
Scale: 1 inch equals 1000 feet

Location: 040° 44' 09.2" N 073° 36' 14.2" W
Caption: Figure 4
USGS Topographic Map Excerpt

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3.2 WATER RESOURCES

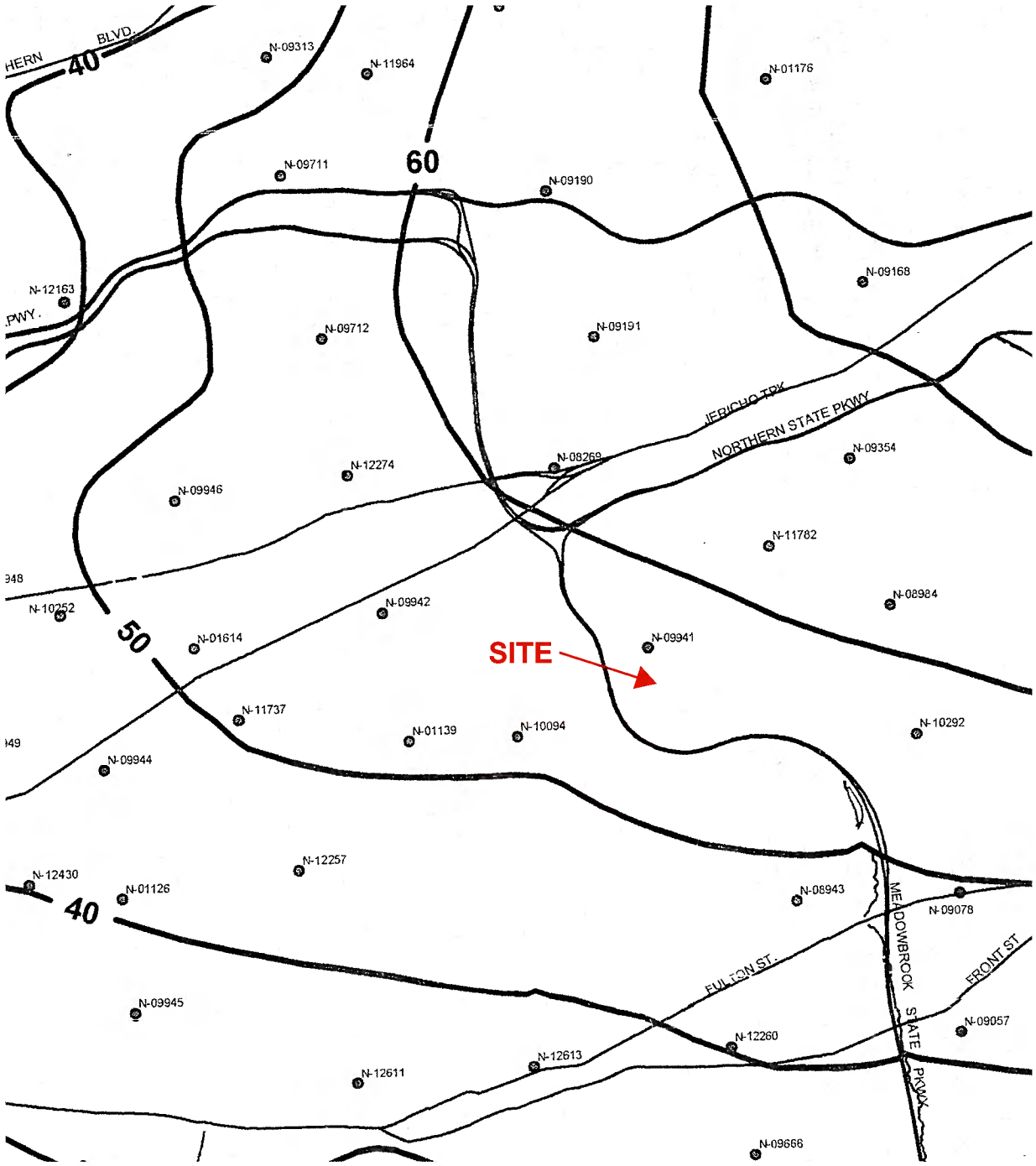
3.2.1 Groundwater

Long Island is considered a sole source aquifer region, which means that the groundwater is the single water supply source. Thus, land uses have the potential to impact the quality of the water supply.

There are three major aquifers under Long Island: the Upper Glacial, the Magothy and the Lloyd. The Upper Glacial and Magothy are the significant water supply sources for most of Long Island. In recent years, suburbanization has caused contamination in areas of the Upper Glacial aquifer, since it is closest to the surface.

According to the *Nassau County Water Table Elevation March 2000* (2003), prepared by the NCDPW, the water table at the subject property is at an elevation of 55± feet amsl (see Figure 5). As indicated on the *Land Title Survey* (see Appendix A), site elevations range between 82± and 98± feet amsl. Thus, depth to groundwater at the subject property is estimated to range between 27± feet and 43± feet bgs.

Excerpt of Water Table Elevation Map



Source: Nassau County Department of Public Works. 2003. *Nassau County Water Table Elevation March 2000.*

Scale: 1 inch = 5,000 feet (Approx.)

Figure 5

The Long Island Comprehensive Waste Treatment Management Plan ("208 Study")

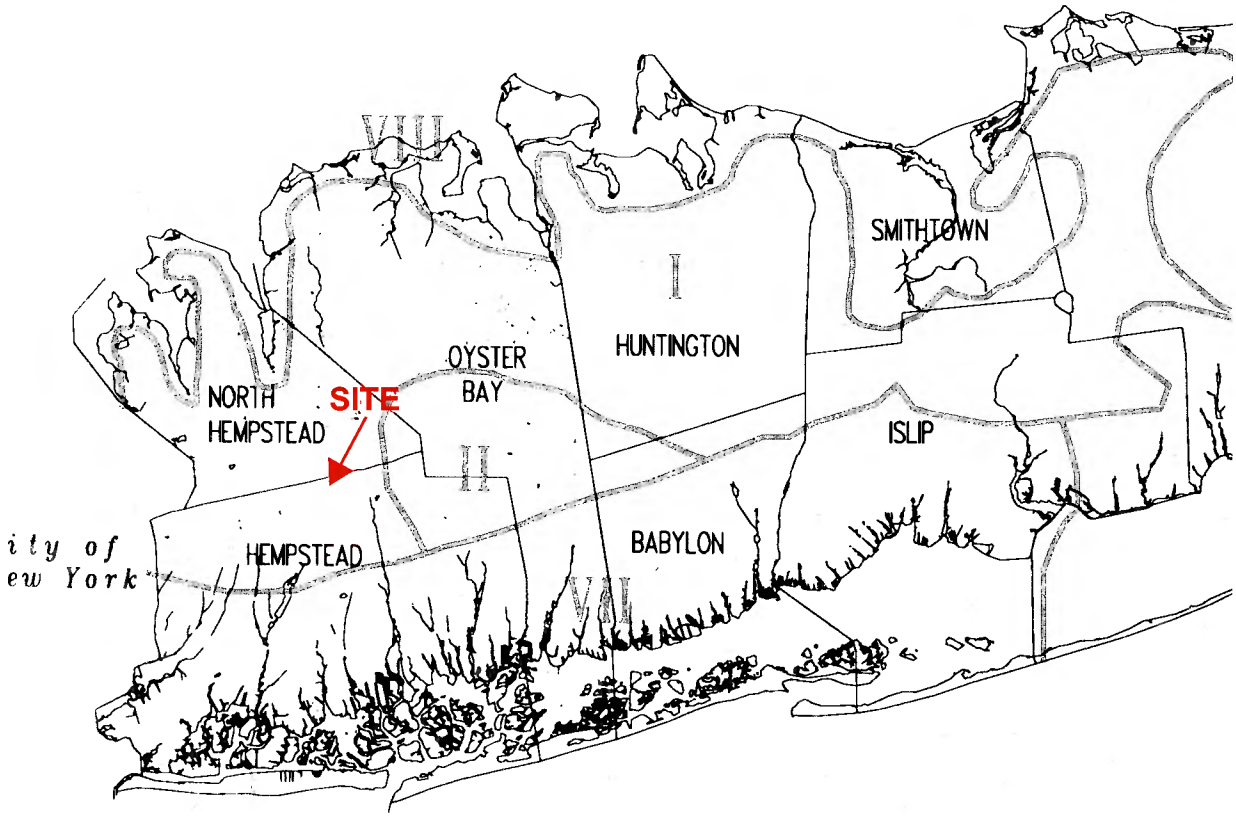
In 1978, Long Island was divided into eight hydrogeologic zones in *The Long Island Comprehensive Waste Treatment Management Plan* (the "*208 Study*"). The subject property is situated in Hydrogeologic Zone I (see Figure 6).

Zone I, which is the "deep flow system," encompasses much of the residential, transport, commercial and industrial activity areas of Nassau and Suffolk Counties. Zone I, located in Nassau County and western Suffolk, contributes water to the middle and lower portions of the Magothy aquifer. Portions of the Upper Glacial aquifer, and to a lesser extent, the Magothy aquifer, have been contaminated by nitrates from fertilizers and on-site wastewater disposal systems and by synthetic organic chemicals from industrial and other discharges. Initially, the nitrate contamination was a result of farming practices and then, later, of urbanization.

The *208 Study* lists structural and non-structural recommendations and from these recommendations, defines the highest priority areawide alternatives to manage potential impacts to groundwater in each Hydrogeologic Zone. For Zone I, the relevant highest priority areawide alternative includes restricting the use of fast-acting, inorganic fertilizers, and promoting the use of low-maintenance lawns.

Nassau County 1998 Groundwater Study

The *Nassau County 1998 Groundwater Study* (hereinafter the "*1998 Groundwater Study*") states in its executive summary that Nassau County "is totally dependent on groundwater for all its water needs," and "because the groundwater supply is critically important to the health and well being of all County residents, it has been studied intensively over several decades."



Source: Long Island Regional Planning Board. 1992. *Long Island Special Groundwater Protection Area Plan*. Page 1-2.
Scale: 1 : 388,060 (Approx.)

Figure 6

The *1998 Groundwater Study* identifies four issues currently affecting groundwater supplies: groundwater quantity; groundwater quality; streamflow and surface water; and saltwater intrusion. Groundwater quality is noted to have improved markedly, due to the "decline in agriculture and the installation of the County's sanitary sewer systems which serve over 90 percent of the County's population." The agricultural fertilization process and on-site wastewater disposal systems were the main sources of contaminants (nitrate and detergents).

The *1998 Groundwater Study* indicates that groundwater contamination has been reduced in recent years due to "a comprehensive, multi-year program of installing sanitary sewer systems in the 1950's. By the mid-1980's, more than 90 percent of County residents and most commercial and industrial facilities were connected to these sanitary sewer systems. The sanitary sewers, along with public awareness and a broad range of federal, State, and local regulatory programs, have greatly reduced the amount of contaminants entering the groundwater. As a result of the decrease in contaminants discharged to the ground, groundwater quality in the County has shown marked improvement in recent years and is expected to continue to improve."

Prior to the extent of development that exists in Nassau County today, "streams were fed predominantly by groundwater seeping continuously through the stream beds and stream banks. About 87 percent of the flow in the County's streams and water courses came from groundwater with the remaining 13 percent from stormwater runoff." As of the writing of the *1998 Groundwater Study*, stormwater comprised 46 percent of the total flow due to the reduction of recharge, thus resulting in a permanent lowering of the water table. This has occurred because "most of the groundwater withdrawn for public use is discharged as wastewater into the sanitary sewer systems. It is then treated and discharged directly into the surrounding saltwater bodies."

The issue of the contamination of water supply wells with salty groundwater is identified as a "localized condition" occurring on the Great Neck and Manhasset peninsulas and the southwestern portion of Nassau County.

The Long Island Comprehensive Special Groundwater Protection Area Plan ("SGPA Plan")

Special Groundwater Protection Areas ("SGPAs") are significant, largely undeveloped or sparsely developed geographic areas of Long Island that provide recharge to portions of the deep flow aquifer system. They represent a unique, final opportunity for comprehensive, preventive management to preclude or minimize land use activities that can have a deleterious impact on groundwater. Nine SGPAs are located on Long Island: North Hills, Oyster Bay, West Hills/Melville, Oak Brush Plains, South Setauket Woods, Central Suffolk, Southold, South Fork and Hither Hills. The subject property is not located within an SGPA.

3.2.2 Sewage Disposal

The subject property is presently developed with 498,872± square feet of building space, with one furniture retail use occupying approximately 16,500± square feet. Based on a factor of 0.03 gallon per day ("gpd") per square foot, this existing dry retail use generates approximately 495 gpd of sanitary waste. The remaining 482,372± square feet of existing building area is vacant, and therefore does not generate sanitary waste. All sanitary waste from the subject site is discharged to municipal sewers maintained by the NCDPW (Sewer District No. 3).

3.2.3 Water Supply

The subject property is within the service area of the Roosevelt Field Water District, which is under the auspices of the Town of Hempstead Water Department. Based on a factor of 0.03 gpd per square foot, total water usage for the existing 16,500±-square-foot, dry-retail use (Thomasville) is approximately 495 gpd. There are no water demands from the remaining 482,372± square feet of existing vacant building space.

3.2.4 Stormwater Runoff and Drainage

Stormwater runoff is generated by precipitation events and is divided into three components: surface runoff, interflow and base flow. Surface runoff is that portion of the stormwater that remains after a precipitation event and is not captured by depression storage or ponding, does not infiltrate the surface and is not evapotranspired from the earth's surface. Interflow is that portion of stormwater that infiltrates the surface into the soil zone and moves in a horizontal direction until reaching a surface water body. Finally, the base flow is that portion which infiltrates the surface and soil profile to reach groundwater.[7]

Currently, the subject property is developed with 879,046± square feet of impervious surfaces, including building area and paved areas, and the remaining 73,107± square feet is comprised of landscaped areas. Under existing conditions, stormwater runoff is accommodated by several drainage inlets and drywells installed throughout the paved parking areas.

Nonpoint Source Management Handbook

The *Nonpoint Source Management Handbook* (hereinafter the "Handbook"), which was prepared as part of the USEPAs 208 Plan Implementation Program, is divided into several elements: Land Use; Stormwater Runoff; On-site Systems; Highway Deicing; Fertilizer; Animal Waste; Wells-Water Supply; Boat Pollution; and Site Plan Review and Ordinances. The *Handbook* makes a variety of recommendations for counties, municipalities, engineers, and others, to use in the controlling of non-point sources of groundwater contamination. Relevant recommendations from this study along with a review of the project's consistency therewith are included within Section 4.2 of this document.

[7] *Reducing Impacts of Stormwater Runoff from New Development*, New York State Department of Environmental Conservation.

Long Island Segment of the Nationwide Urban Runoff Program

Years of study, including various 208 studies, have provided conclusive evidence that in many areas pollutant loading contributed by non-point sources exceed those contributed by point sources, and urban runoff is the single-most non-point source. Studies have been performed to document the role of urban runoff in pollutant transport; however, uncertainties still remain.

According to *The Long Island Segment of the Nationwide Urban Runoff Program* (hereinafter the "NURP Study"), the study has attempted to address some of the more critical areas of uncertainty, among them:

- the actual proportion of the total pollutant loading that can be attributed to stormwater runoff, given the presence of other point and non-point sources and conditions within the receiving waters;

- sources, washoff/transport mechanisms and receiving water impacts;

- the appropriate criteria to be used in determining the existence of a runoff problem; and

- the effectiveness and cost of proposed but relatively untried non-structural control measures.

With regard to stormwater runoff, the *NURP Study* has made the following findings concerning groundwater and surface water:

Groundwater

- Most of the runoff into recharge basins is derived from rain that falls directly on impervious surfaces, except during storms of high intensity, high volume and/or long duration;

- In general, with the exception of lead and chloride, the concentrations of inorganic chemicals measured in stormwater runoff do not have the potential to adversely affect groundwater quality;

- Infiltration through the soil is generally an effective mechanism for reducing lead and probably chromium from runoff on Long Island. Although the *NURP Study* findings concerning chromium are not conclusive, data from a spill at Farmingdale indicate attenuation. Chloride is not attenuated. The effect of infiltration on nitrogen is undetermined; and

- Coliform and fecal streptococcal indicator bacteria are removed from stormwater as it infiltrates through soil.

Surface Water

- Any control of chemical constituents in runoff requires awareness of the year-round presence. The use of highway deicing salts in winter explains the high chloride concentrations found in runoff during that season;

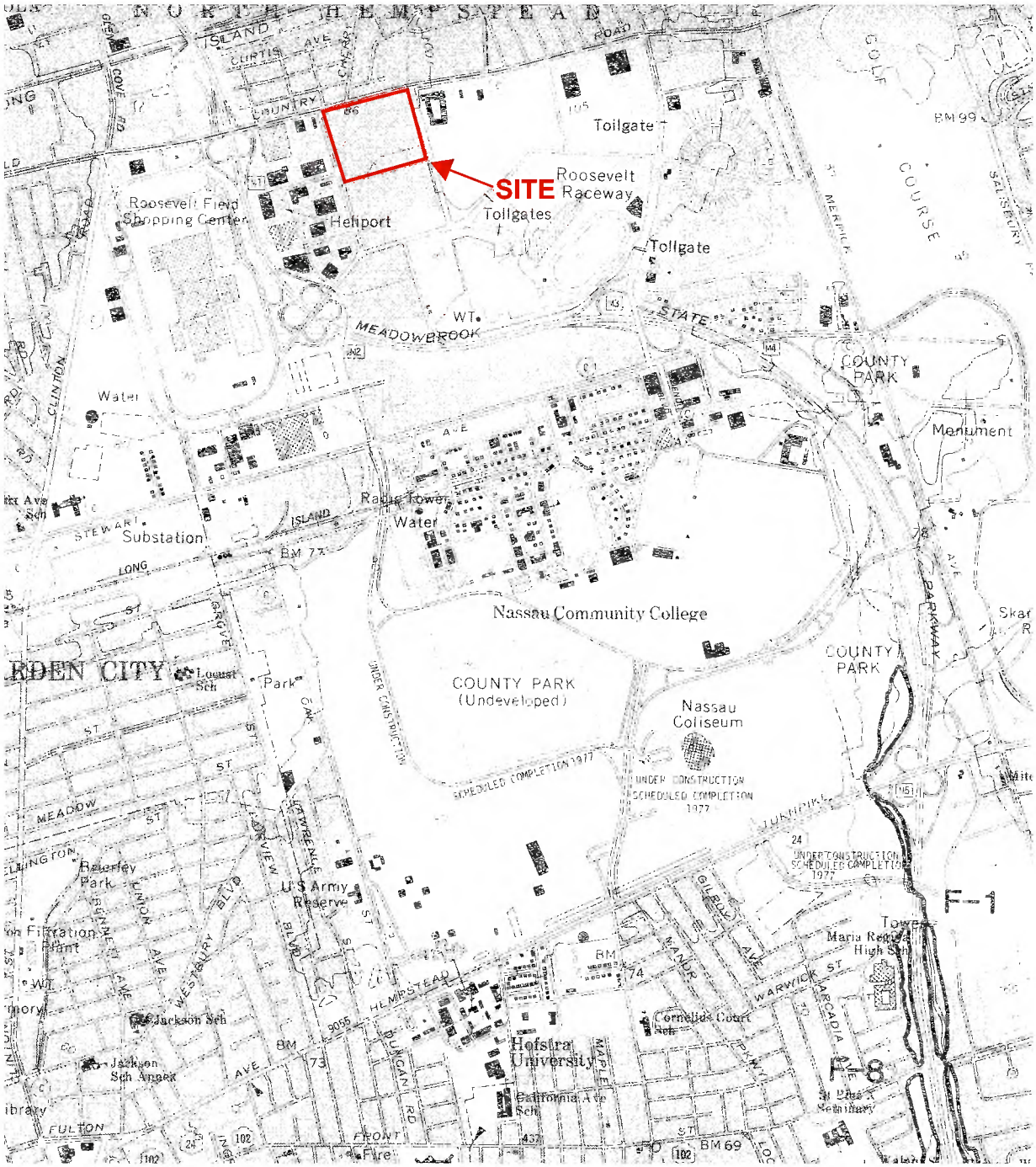
- Stormwater is a major source of coliform loading to Long Island bays. Some of the bays in Suffolk County contain areas where impaired water quality exists for reasons other than stormwater runoff (e.g., localized duck farm discharges); and

- The evidence accumulated in the *NURP Study* strongly supports the belief that fecal coliform loads are derived from non-human sources. Estimates indicate that the dog population could be a major source of the fecal coliform load in stormwater runoff.

3.2.5 Surface Water, Wetlands and Floodplain

There are no surface waters situated on or adjacent to the subject property. According to the New York State Department of Environmental Conservation ("NYSDEC") Freshwater Wetlands Map of Nassau County, Map No. 10 of 15, Freeport Quadrangle, there are no freshwater wetlands situated on or directly adjacent to the subject site (see Figure 7). The National Wetland Inventory ("NWI") Map No. 306, Freeport Quadrangle, was also examined and does not indicate the presence of wetlands on or adjacent to the subject site (see Figure 8).

The Federal Emergency Management Agency ("FEMA") Flood Insurance Rate Map of Nassau County was reviewed as to whether the subject property is located within any special flood hazard areas. The subject property is situated within Panel No. 36059C0226F, which is not printed (i.e., does not contain any special flood areas). Therefore, the subject site is outside of the 500-year floodplain.

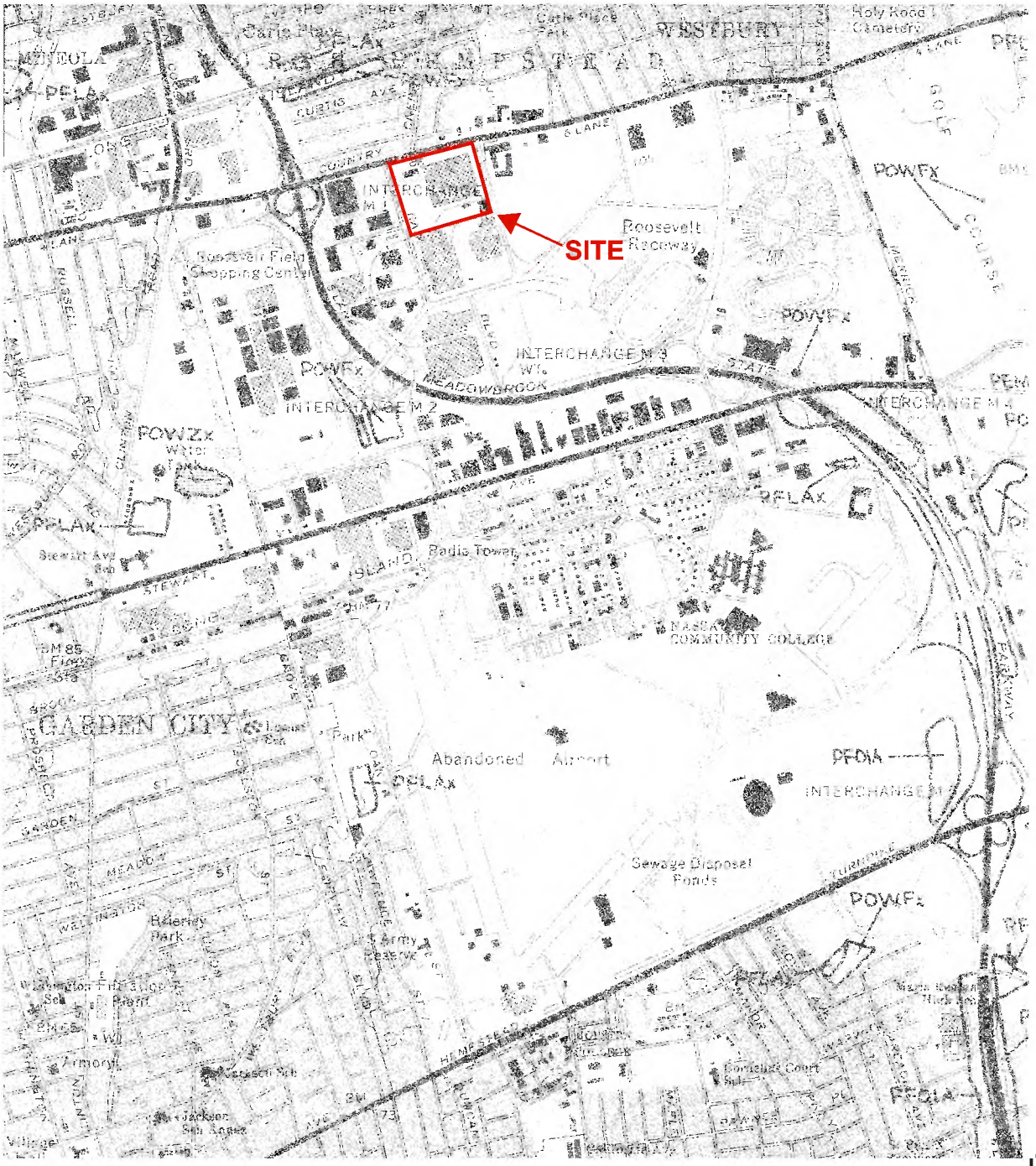


Source: New York State Department of Environmental Conservation Freshwater Wetlands Map of Nassau County, Freeport Quadrangle, Map No. 10 of 15, 1975.

Scale: 1 : 24,000 (Approx.)

Figure 7

Excerpt of NWI Map



Source: United States Fish & Wildlife Service National Wetlands Inventory Map, Freeport Quadrangle, Map No. 306, (No Date).

Scale: 1 : 24,000 (Approx.)

Figure 8

3.3 LAND USE AND ZONING

3.3.1 Land Use

The subject site is currently developed with one occupied commercial building, three vacant commercial/industrial buildings, and associated parking and landscaped areas. The largest building (454,272± square feet), which includes a three-story office portion and a one-story office/warehouse portion, was the former corporate headquarters for the Avis Corporation. The three smaller buildings on the subject site include the occupied Thomasville Furniture Gallery (16,500± square feet), at the northwest, and two additional vacant structures (24,400± square feet and 3,700± square feet) at the southeast.

Access to the subject site is provided via three ingress/egress points along East Gate Boulevard, including one dedicated to the existing Thomasville retail use; two ingress/egress points along Old Country Road; and a third ingress-only point along Old Country Road dedicated to the Thomasville retail use. Photographs depicting the existing condition of the subject site and the surrounding neighborhood are included in Appendix B.

The subject site is located along an active commercial corridor (Old Country Road), and is proximate to many commercial uses. To the north of the subject site are commercial uses along Old Country Road, including retail, restaurant, and catering facility uses, with residential uses beyond. To the east of the subject site is a shopping center including large retailers (e.g., OfficeMax, BestBuy, WalMart, Target, Marshalls, Costco) and the Source Mall. An out-of-service segment of railroad of the Long Island Rail Road is adjacent to the site to the south, and development to the south of the subject site primarily consists of large commercial or industrial uses, a hotel, restaurants and a Lowe's Home Improvement Center. To the west of the subject site, along East Gate Boulevard, are a furniture warehouse and distribution facility (with showroom), a large retail use, industrial warehouses and office uses, followed by the Meadowbrook State Parkway beyond. Farther west is the Roosevelt Field Mall complex, multi-story commercial buildings with office, bank and restaurant tenants, and other developed outparcel uses.

3.3.2 Zoning

The subject site is located within the Y Industrial zoning district pursuant to the Town of Hempstead Zoning Map (see Figure 9). Pursuant to §220 of the Town of Hempstead Building Zone Ordinance, "...a lot or premises [in the Y Industrial District] may be used for any lawful purpose..." except those specifically prohibited. Such prohibited uses include, but are not limited to, single-, two-, and multiple-family dwellings, stockyards, garages, junkyards, arsenals, petroleum refining and asphalt manufacture. Certain uses are permitted only by special permission of the Town of Hempstead Board of Appeals. The bulk and dimensional requirements of the Y Industrial District are listed below in Table 4.

Table 4 - Bulk and Dimensional Requirements of the Y Industrial Zoning District

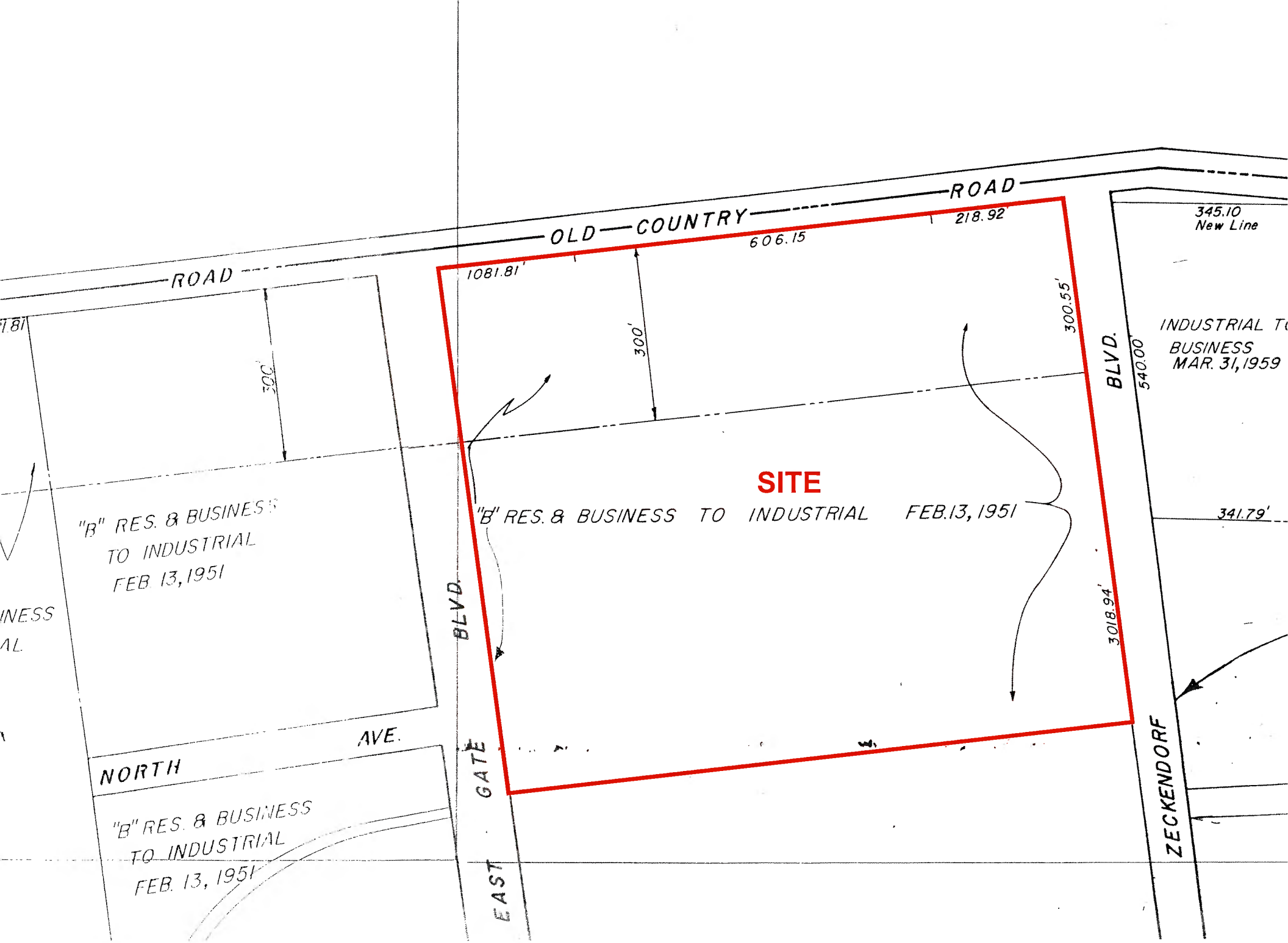
Bulk and Dimensional Requirement	Principal Building
Minimum Lot Area	N/A
Front Yard Depth	20 feet(1)
Rear Yard	10 feet(2)
Height	6 stories/75 feet(3)
Maximum Floor Area Ratio	0.40

Notes:
(1) On each street.
(2) In case of a building over 40 feet high, the depth shall be increased five feet for each 12 feet or portion thereof by which the building exceeds 40 feet in height.
(3) Elevator shafts and heating, ventilating and air-conditioning units shall be permitted above the top of the roof but shall not cover more than 20 percent of the roof area and shall not be higher than fifteen feet above the roofline.

Zoning designations of surrounding properties are generally as follows:

North: Business A (Town of North Hempstead), along Old Country Road, and Residence C (Town of North Hempstead), beyond;

East: X Business (Town of Hempstead), at the southeast corner of Zeckendorf Boulevard, Y Industrial (Town of Hempstead), surrounding, and Planned Unit Development (Town of Hempstead) to the southeast;


OLD COUNTRY ROAD
ROAD
1081.81'
606.15
218.92
300'
300.55'
345.10
New Line
INDUSTRIAL TO
BUSINESS
MAR. 31, 1959
540.00
BLVD.
SITE
"B" RES. & BUSINESS TO INDUSTRIAL FEB. 13, 1951
341.79'
3018.94'
"B" RES. & BUSINESS
TO INDUSTRIAL
FEB 13, 1951
BLVD.
EAST GATE
NORTH AVE.
"B" RES. & BUSINESS
TO INDUSTRIAL
FEB. 13, 1951
ZECKENDORF

South: Y Industrial (Town of Hempstead); and

West: Y Industrial (Town of Hempstead).

3.3.3 Relevant Plans

Nassau County Comprehensive Plan

The *Nassau County Comprehensive Plan* (hereinafter the "*Comprehensive Plan*," or the "Plan") prepared by the Nassau County Planning Commission, et al., and published in December 1998, indicates that it:

> *...is intended to be a generalized policy guide for the overall future growth and development of the County and at the same time to be supportive of local land use planning and decisionmaking. The vision for the future of Nassau County is one with appropriate development which is compatible with its suburban character, natural resources and infrastructure; a strong economy with employment opportunities and services; housing and homeownership options; diverse cultural and recreational facilities; and sufficient community services and facilities.* (Page II-1)

The land use and economy sections of the *Comprehensive Plan* are the most relevant to the proposed project, and a brief summary of the salient points is presented below.

The *Comprehensive Plan* discusses general ranges of development intensities expressed in terms of floor area ratio ("FAR"). There are five categories of recommended FARs, as follows:

High:	0.40 FAR and over;
Moderate:	0.20 to 0.40 FAR;
Suburban:	0.10 to 0.25 FAR;
Low:	0.05 to 0.15 FAR; and
Very Low:	0.05 FAR and below.

Page II-2 of the *Comprehensive Plan* notes that the FAR categories have been designed to overlap because they only represent general ranges of development intensity. It also recognizes the wide variation in existing development intensities and zoning in the County. Figure 3 of the *Comprehensive Plan*, which reflects the Plan's vision for Nassau County's future, presents the generalized development intensity of all areas of the County for the year 2020. The subject site is shown as High intensity (FAR >0.4), and is within a large area of the county that is similarly labeled, which stretches from just north of Old Country Road, east of the subject site to Merrick Avenue, south to and beyond Hempstead Turnpike, and as far west as the centers of Hempstead and Mineola.

With respect to the economy, the *Comprehensive Plan* states the goals to strengthen the economy by encouraging developments that will provide jobs and increase the tax base (Page VI-4) and to strengthen and improve the County's downtowns and centers (Page VI-15). Policy recommendations to further these goals include reducing the costs of doing business in Nassau County, encouraging businesses to locate in existing centers with available infrastructure and access, encouraging mixed use development, supporting the role of the County's regional center, and identifying opportunities for the reuse of parcels which can strengthen existing centers.

3.4 TRANSPORTATION

3.4.1 Introduction

A Traffic Impact Study ("TIS") was prepared by VMI-Maris Traffic and Parking Consultants ("VMI-Maris") to quantify existing traffic conditions and to evaluate the potential traffic impact of the proposed redevelopment on the roadways in the vicinity of the site. In establishing the scope of work, VMI-Maris met with the representatives of the NCDPW to identify the study locations and other parameters of the study (see letters attached in Appendix C of the TIS). A summary of the study methodology and existing conditions follows, and the TIS in its entirety is included in Appendix C of this DEIS.

3.4.2 Scope of Study

The following is a summary of the tasks undertaken in the preparation of the study:

1. Field inspections of the area surrounding the site were undertaken to collect information regarding existing roadway geometry, traffic controls and other data that might influence roadway capacity;

2. Traffic volume counts were performed for the Peak AM Highway Hour (8:00 to 9:00 AM), Peak PM Highway Hour (5:00 to 6:00 PM) and Peak Saturday Shopper Hour (2:15 to 3:15 PM) at the key locations in the area surrounding the site;

3. The existing volumes were projected to a design year by applying a growth factor of 0.75 percent per year, as suggested by the NCDPW;

4. Traffic information for other planned developments in the vicinity of the site was obtained from the recently prepared TIS for 600 Old Country Road. The TIS was prepared by RMS Engineering and is dated May 2003, revised February 2006;

5. The estimated traffic generations of the planned developments were added to the existing projected volumes. The traffic, which would be generated by a fully occupied existing Avis development, was estimated and added to the projected traffic volumes to obtain the 2009 No-Build Traffic Volumes;

6. The generated traffic volumes and arrival/departure patterns of the proposed redevelopment were estimated in accordance with accepted traffic engineering practice and existing traffic patterns. The estimated traffic generations of the fully occupied existing Avis development were not included in 2009 Build Traffic Volumes;

7. Capacity analyses were performed for the existing and the future traffic volumes to determine the impact of the redevelopment on the roadway system in the vicinity of the site;

8. Synchro analyses were performed to evaluate the overall traffic system, and to provide the SimmTraffic package for simulation of the entire traffic network;

9. Two intersections, one on Old Country Road and the other on Zeckendorf Boulevard, were analyzed for December conditions;

10. Shared Parking Analyses were performed to determine the adequacy of the provided parking to support the demand; and

11. Available accident data for each of the study locations was obtained from the Nassau County Police Department.

3.4.3 Description of Adjacent Roadways

The Avis site is located on the south side of Old Country Road east of the Meadowbrook State Parkway between East Gate Boulevard and Zeckendorf Boulevard. Following are brief descriptions of the roadways that will serve the proposed development:

1. Meadowbrook State Parkway

   Meadowbrook State Parkway is a north/south divided regional state highway. In the vicinity of the site, the Parkway consists of three lanes per direction with on/off-ramps to Old Country Road (exit M1) and Zeckendorf Boulevard (exit M2). The Meadowbrook State Parkway is under the jurisdiction of the New York State Department of Transportation ("NYSDOT").

2. Old Country Road

   Old Country Road is a two-way undivided arterial highway traversing in an east/west direction. Along the frontage of the site, Old Country Road consists of three lanes per direction with additional turning lanes. Access to the site is provided via a full movement signalized driveway on Old Country Road located opposite Cherry Lane. Old Country Road is under the jurisdiction of Nassau County.

3. Zeckendorf Boulevard

   Zeckendorf Boulevard is a two lane per direction roadway extending from Old Country Road to the Roosevelt Field Mall Ring Road. In the vicinity of the site, Zeckendorf Boulevard is two lanes per direction, and forms a cloverleaf interchange with Meadowbrook State Parkway. Zeckendorf Boulevard is under the jurisdiction of Nassau County.

Key Intersections

To determine the impact of the proposed project on the adjacent roadways, it was necessary to identify the intersections that will serve the majority of the development's traffic. Based on a meeting held with representatives of the Town of Hempstead, NCDPW and NYSDOT, it was determined that the following intersections should be analyzed:

1. Old Country Road and East Gate Boulevard/Mitchell Drive (signalized);
2. Old Country Road and Cherry Lane/ Site Driveway (signalized);
3. Old Country Road and Proposed Site Driveway (unsignalized);
4. Old Country Road and Zeckendorf Boulevard (signalized);
5. Zeckendorf Boulevard and Proposed Site Driveway/Shopping Center Driveway (unsignalized);
6. Zeckendorf Boulevard and Transverse Drive (unsignalized);
7. Zeckendorf Boulevard and Corporate Drive (signalized);
8. Zeckendorf Boulevard and Dibblee Drive (signalized);
9. Zeckendorf Boulevard and East Gate Boulevard (signalized);
10. East Gate Boulevard and North Avenue/South Site Driveway (unsignalized);
11. East Gate Boulevard and North Site Driveway (unsignalized);
12. Old Country Road and Parkway SB On-Ramp (unsignalized – Interchange M1);
13. Old Country Road and Parkway SB Off-Ramp (unsignalized – Interchange M1);
14. Old Country Road and Parkway NB Off-Ramp/Byrd Road (signalized – Interchange M1);
15. Zeckendorf Boulevard and Parkway NB On-Ramp from WB Zeckendorf Boulevard (unsignalized – Interchange M2);
16. Zeckendorf Boulevard and Parkway NB Off-Ramp (unsignalized – Interchange M2);
17. Zeckendorf Boulevard and Parkway SB Off-Ramp to EB (unsignalized – Interchange M2);
18. Zeckendorf Boulevard and Parkway SB Off-Ramp to WB (unsignalized – Interchange M2); and
19. Zeckendorf Boulevard and Roosevelt Field Mall Ring Road (signalized).

3.4.4 Field Surveys

Field inspections of the site and of the adjacent roadways were undertaken on Wednesday, June 21, 2006 and on Saturday, June 24, 2006. Data collected during these inspections included existing intersection geometry, traffic controls, signal phasing and other information pertinent to roadway capacity. Traffic signal timing schedules for the signalized intersections were obtained from the NCDPW (see Appendix D of the TIS). Manual turning movement traffic counts were performed at the key intersections in 2006 and 2007. The 2006 volumes were balanced by comparing the 2007 volumes.

3.4.5 Peak Highway Hours and Existing Traffic Volumes

A review of the traffic counts shows that the Peak AM Highway Hour occurs between 8:00 and 9:00 AM, the Peak PM Highway Hour occurs between 5:00 and 6:00 PM, while the Peak Saturday Shopper Hour occurs between 2:15 and 3:15 PM. The counted traffic volumes for the three peak hours are presented on Exhibit Nos. 2, 3 and 4 of the TIS (included herein as Figure 10, Figure 11, and Figure 12 of this document, respectively).

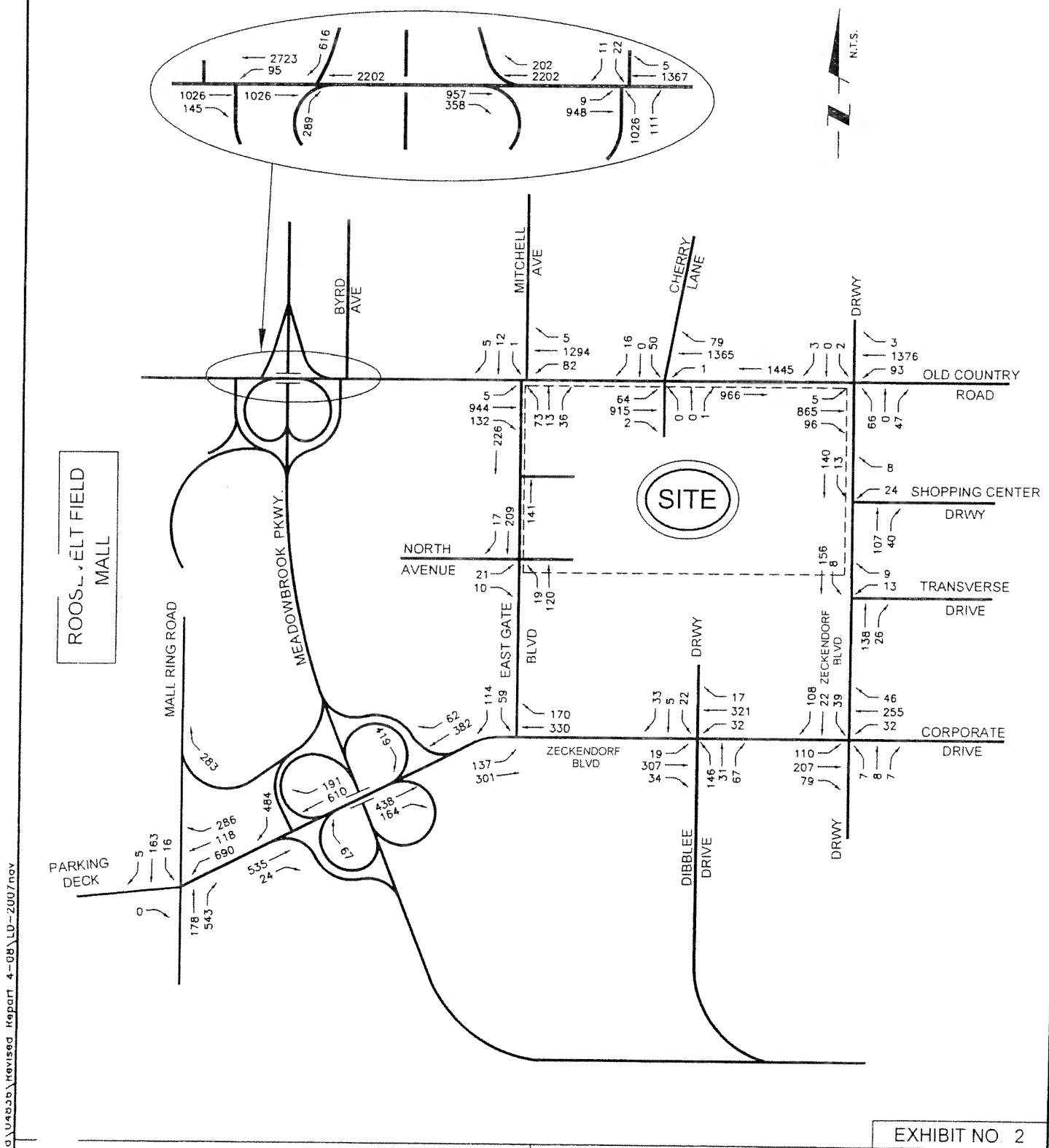


EXHIBIT NO. 2

V · M · I
MARIS
TRAFFIC CONSULTANTS

PEAK AM HIGHWAY HOUR
2007 EXISTING TRAFFIC VOUMES
Avis Property Redevelopment
Town of Hempstead, Nassau County, New York
Project No. 04-836
April, 2008

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Figure 10

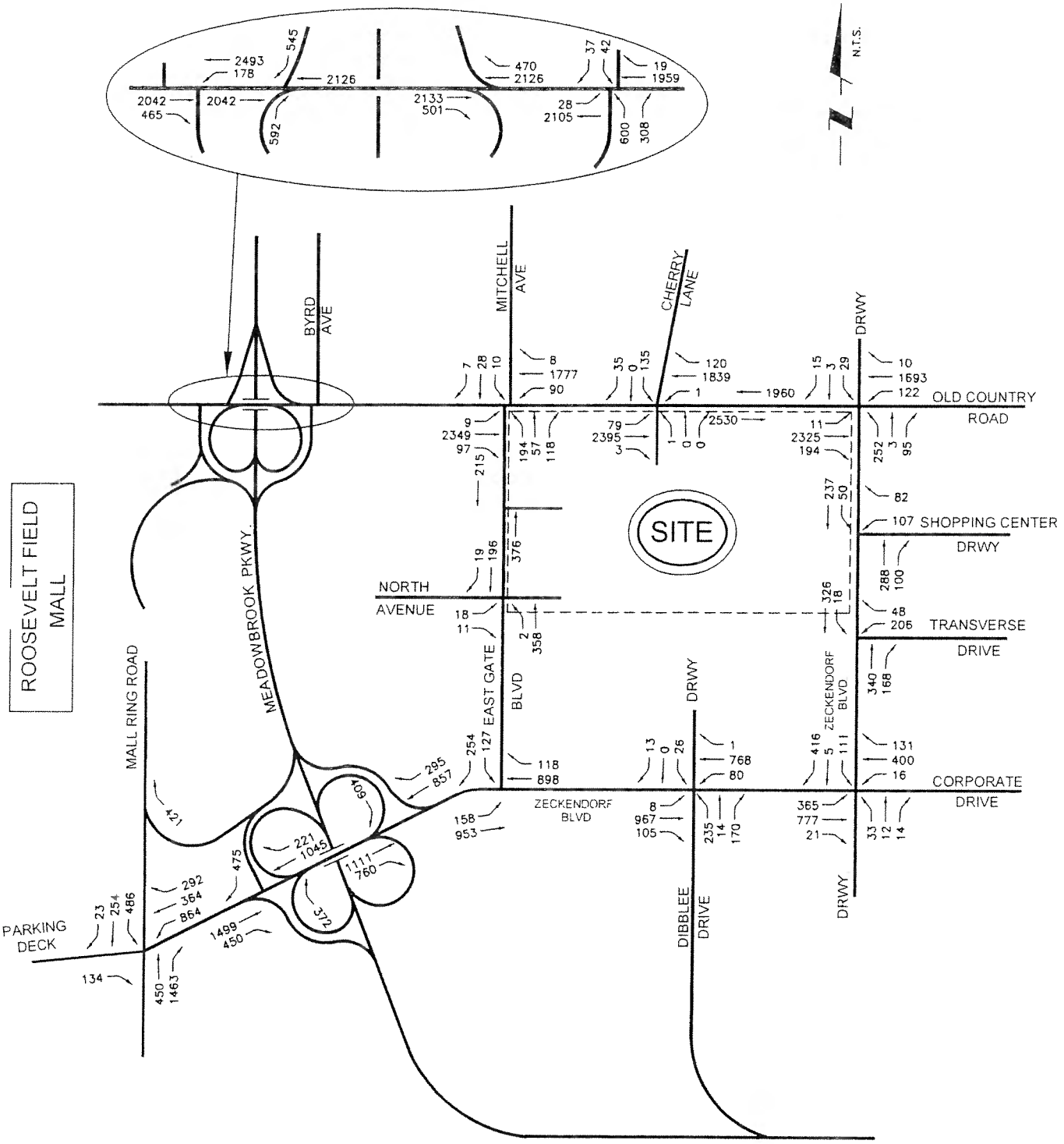

EXHIBIT NO. 3

V·M·I MARIS

TRAFFIC CONSULTANTS

PEAK PM HIGHWAY HOUR
2007 EXISTING TRAFFIC VOUMES
Avis Property Redevelopment
Town of Hempstead, Nassau County, New York
Project No. 04-836 April, 2008

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Figure 11

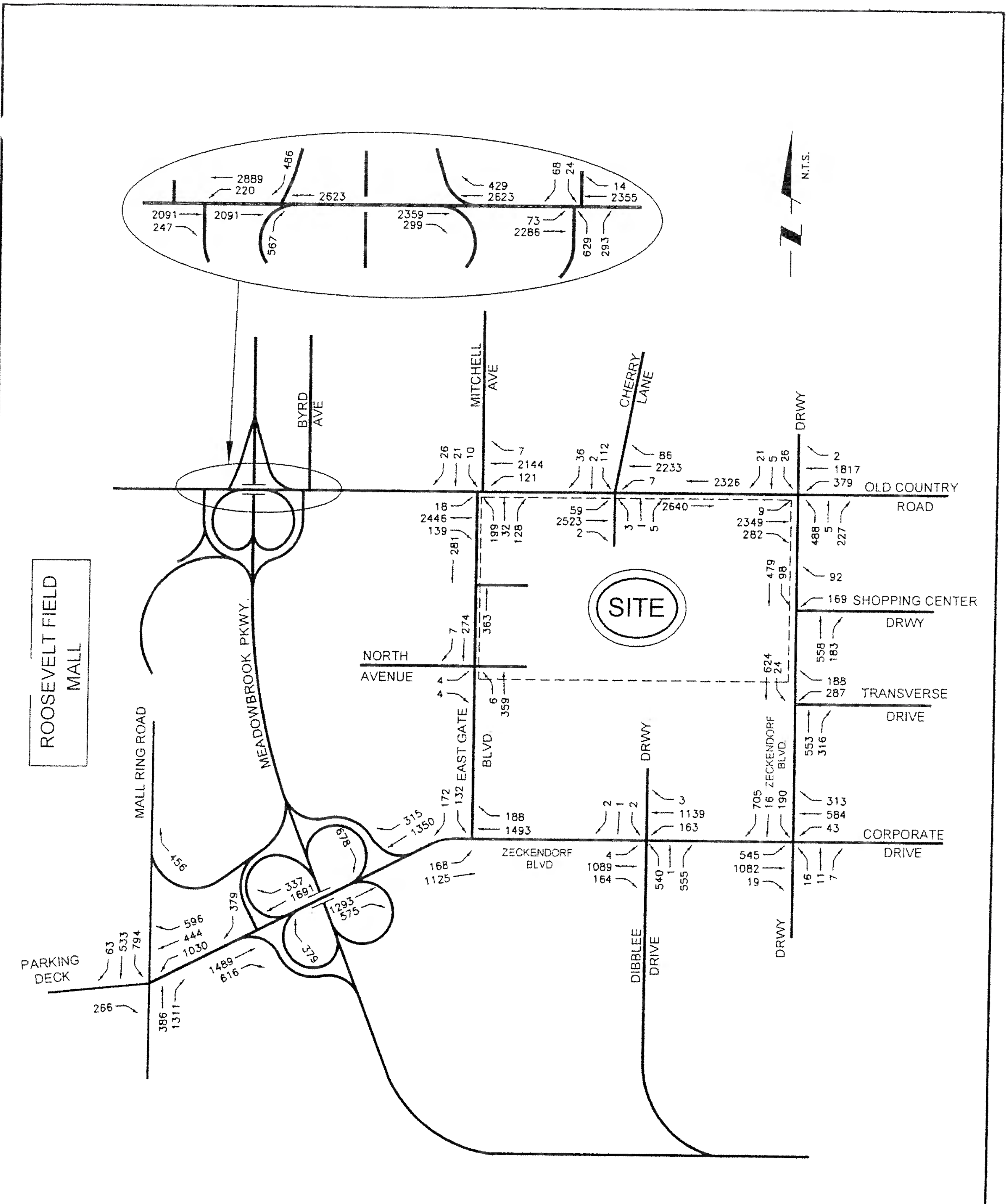

EXHIBIT NO. 4

V·M·I

MARIS

TRAFFIC CONSULTANTS

PEAK SATURDAY SHOPPER HOUR
2007 EXISTING TRAFFIC VOUMES
Avis Property Redevelopment
Town of Hempstead, Nassau County, New York
Project No. 04-836
April, 2008

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Figure 12

3.5 AIR QUALITY

3.5.1 Air Quality

RTP Environmental Associates, Inc. performed an air quality study to evaluate the existing air quality and the potential impacts the proposed redevelopment would have on air quality. Relevant excerpts of the existing conditions analyses are summarized below, and the Air Quality Technical Report is annexed hereto as Appendix D.

Ambient Air Quality Standards

National Ambient Air Quality Standards ("NAAQS") and New York State Ambient Air Quality Standards ("SAAQS") have been issued in accordance with the Clean Air Act and Clean Air Act Amendments for seven (7) criteria pollutants. These criteria pollutants include sulfur dioxide (SO_2), nitrogen oxides (NO_x), ozone (O_3), lead (Pb) carbon dioxide (CO), inhalable particulates less than 10 microns in diameter (PM_{10}), and inhalable particulates less than 2.5 microns in diameter ($PM_{2.5}$).

Table 5 below presents the National and State ambient air quality standards applicable to the project site and surrounding areas.

Table 5 - National and New York State Ambient Air Quality Standards

Pollutant	Averaging Period	NAAQS		SAAQS
		Primary	Secondary	
NO_x	Annual*	100 $\mu g/m^3$	100 $\mu g/m^3$	0.05 ppm
SO_2	3-hour	**	1300 $\mu g/m^3$	0.50 ppm
	24-hour	365 $\mu g/m^3$		0.14 ppm
	Annual	80 $\mu g/m^3$		0.03 ppm
CO	1-hour	40 mg/m^3	40 mg/m^3	35 ppm
	8-hour	10 mg/m^3	10 mg/m^3	9 ppm
PM_{10}	24-hour	150 $\mu g/m^3$		
	Annual***	50 $\mu g/m^3$		
$PM_{2.5}$	24-hour****	35 $\mu g/m^3$		
	Annual	15.0 $\mu g/m^3$		
O_3	1-hour	235 $\mu g/m^3$		0.12 ppm
	8-hour	157 $\mu g/m^3$		0.08 pm
Lead	3 consecutive months	1.5 $\mu g/m^3$		

Notes:

$\mu g/m^3$ = microgram per cubic meter.

ppm = parts per million.

* Annual averaging period means the average of emissions for any 12 consecutive month periods, also known as a 12-month rolling average.

** A primary NAAQS does not exist for this averaging period, therefore the secondary NAAQS was utilized.

*** Due to lack of evidence linking health problems to long-term exposure to coarse particulate matter pollution, EPA revoked the annual PM_{10} standard (effective December 17, 2006); however the NYSDEC has not yet revoked this standard.

**** The USEPA recently reduced the 24-hour $PM_{2.5}$ standard from 65 $\mu g/m^3$ to 35 $\mu g/m^3$, which must be enforced by the NYSDEC (effective December 17, 2006).

In addition to the criteria pollutants listed above, New York State has adopted ambient air quality standards for Photochemical Oxidants, Non-Methane Hydrocarbons, Fluorides, Beryllium and Hydrogen Sulfide, although ambient monitoring for these pollutants is not conducted. Projects that emit criteria pollutants must consider all potential emissions as part of permitting activities and cannot cause or exacerbate an exceedance of either the NAAQS or SAAQS.

Area Attainment Status

The USEPA uses ambient air quality standards to classify areas as attainment, non-attainment or unclassified. If an area is considered in attainment or unclassified for a particular pollutant, then new major sources or major modifications of existing sources require permitting under the Prevention of Significant Deterioration ("PSD") Attainment Area provision program. However, if an area is designated non-attainment for a given pollutant, then new major sources or major modifications of existing sources of the non-attainment pollutant are subject to Non-Attainment Area ("NAA") provisions under New Source Review ("NSR"). The NAA provisions have stringent requirements for source emission rates and can require emissions offsets.

The proposed project is located in the Nassau County, New York, which is part of the New Jersey – New York – Connecticut Air Quality Control Region. This region is designated as either attainment or unclassified for SO_2, NO_2, CO, Pb and PM_{10}. The area is designated as a severe non-attainment area for O_3 and as non-attainment for $PM_{2.5}$.

Sensitive Land Uses

Areas that are particularly sensitive to air pollution are typically referred to as "Sensitive Land Uses" or "sensitive receptors" and typically include locations where large masses of people may gather and locations with potentially elevated populations of the elderly or children. Sensitive receptors may include residences, hospitals, schools, parks and places of worship among others. Ambient air quality standards define non-sensitive receptors as areas where the general public has access, including roadways, sidewalks and railways.

Nearby sensitive receptors include residential areas generally located to the north of the site; and several community parks including Carle Place Park (approximately 0.35 mile to the northeast), Hazelhur Park (approximately 0.5 mile to the southwest), Hemlock Playground (approximately 1 mile to the west), Wilson Park (approximately one mile to the west), Custer Park (approximately 1.1 miles to the southwest), Mitchel Park & Athletic Facility (1.2 miles to the south), Eisenhower County Park (approximately 1.4 miles to the southeast) and Mitchel Park (approximately 1.6 miles to the southeast). There are also several schools and places of worship in the vicinity of the project site. In addition, Nassau Hospital is located approximately 1.8 miles west of the project site.

Existing Air Quality

Baseline air quality conditions at and in the vicinity of the project site were characterized using measured data available from nearby NYSDEC monitoring stations, as included in Table 6 below.

Table 6 - Summary of Ambient Air Quality Data at NYSDEC Monitoring Station

Pollutant	Averaging Period	Year(s)	Station Location	Maximum Concentration	NAAQS & SAAQS
NO_2	Annual	2006	Eisenhower Park	0.019 ppm	0.05 ppm
O_3	3 year Period	2004 2005 and 2006	Queens College 2	0.078 ppm	0.08 ppm
SO_2	3-hour	2006	Eisenhower Park	0.051 ppm	0.5 ppm
	24-hour	2006	Eisenhower Park	0.021 ppm	0.14 ppm
	Annual	2006	Eisenhower Park	0.004 ppm	0.03 ppm
CO	1-hour	2006	Queens College 2	2.5 ppm	35 ppm
	8-hour	2006	Queens College 2	1.8 ppm	9 ppm
PM_{10} *	24-hour	2006	PS219 (Queens, NY)	57.0 $\mu g/m^3$	150 $\mu g/m^3$
	Annual	2006	PS219 (Queens, NY)	20.0 $\mu g/m^3$	*
$PM_{2.5}$	24-hour	2006	Eisenhower Park	46.4 $\mu g/m^3$	35 $\mu g/m^3$
	Annual	2006	Eisenhower Park	13.0 $\mu g/m^3$	15.0 $\mu g/m^3$
Pb	(Not Measured)				

*Due to a lack of evidence linking health problems to long-term coarse particulate matter pollution exposure, EPA revoked the Annual PM_{10} Standard (Effective December 17, 2006).

Carbon Monoxide (CO) – The nearest NYSDEC CO monitoring station to the project is the Queens College 2 station located in Flushing, NY, which began monitoring CO in 2002. In the past, CO was monitored at the Eisenhower Park station located in East Meadow, however CO monitoring was terminated at this location on May 31, 2000. A review of the NYSDEC 2006 Ambient Air Quality Report indicates that the 1-hour and 8-hour CO measured concentrations at the Queens College 2 station during the 2002 through 2006 period complied with applicable 1-hour and 8-hour standards of 35 ppm and 9 ppm, respectively.

Ozone (O_3) – During the period of 2004 through 2006, the O_3 data recorded at the Queens College 2 station was just below the New York State/Federal O_3 AAQS which states that the "4th highest daily maximum 8-hour average is not to exceed an average of 0.08 ppm during the last three (3) years." This average value for 2004 to 2006 was 0.078 ppm. Although the 3-year average O_3 concentration at this site was just in compliance with AAQS, the area (both Long Island and New York City) remains in non-attainment of the ozone standard. Therefore, the State continues to closely regulate sources of nitrogen oxides and volatile organic compounds, which are precursors to ozone formation.

Inhalable Particulates (PM_{10}) – Small airborne particles that are present in the ambient air that are less than 10 microns in diameter are designated as PM_{10}. The PS219 monitoring site (7096-14), located in Queens, NY is the closest to the project with PM_{10} data. According to NYSDEC reports, there were no exceedances of the New York State or Federal Primary/Secondary 24-hour or annual AAQS standards of 150 $\mu g/m^3$ and 50 $\mu g/m^3$, respectively, at this station.

Inhalable Particulates ($PM_{2.5}$) – Small airborne particles that are present in the ambient air which are less than 2.5 microns in diameter are designated as $PM_{2.5}$. The Eisenhower Park monitoring site records $PM_{2.5}$ data. Information provided by NYSDEC indicates exceedances of New York State or Federal Primary/Secondary 24-hour AAQS of 35 $\mu g/m^3$. As of April 5, 2005, Nassau County and surrounding areas were designated by USEPA as $PM_{2.5}$ non-attainment. As such, the State is required to closely regulate sources of $PM_{2.5}$. As provided in Table 3, 2006 monitoring data indicates no exceedances of the annual 15.0 $\mu g/m^3$ standards.

Nitrogen Dioxide (NO_2) – The annual average of nitrogen oxide concentrations over the past three (3) years from 2004 to 2006 indicates that there were no exceedances of the New York State/Federal AAQS of 0.05 ppm (annual mean) at Eisenhower Park.

Sulfur Dioxide (SO_2) – The sulfur dioxide concentrations recorded at the Eisenhower Park site over the 2004 to 2006 period indicate that ambient air concentrations are well within the standards for all regulatory averaging periods (3-hour, 24-hour and annual, at 0.5 ppm, 0.14 ppm and 0.05 ppm, respectively). As shown in Table 6, all 2006 average values are well within their respective standards.

CO Microscale Analysis

The primary air pollutants that would expect to be generated by the proposed redevelopment are those associated with transportation sources, primarily automobile traffic. An assessment of existing conditions with respect to those criteria pollutants associated with automobile emissions follows. Although carbon monoxide is the primary pollutant associated with automobile emissions, those criteria pollutants emitted in smaller quantities are also identified with a brief discussion on source apportionment.

Existing CO background values were obtained from the NYSDOT Environmental Procedures Manual ("EPM"). Since background values are provided for the year 2000 only, the EPM background roll back method was utilized to define existing (2007) CO 1-hour and 8-hour background values. The roll back method allows the proportioning of the mobile source (traffic) component of the background (approximately 80 percent) to reflect the reduced emission burden contribution in future years. The maximum hourly CO values for existing traffic conditions are provided in Table 7, below.

Table 7 - Existing 1-Hour and 8-Hour Carbon Monoxide Concentration

Old Country Road @ East Gate Blvd/Mitchell Drive	1-Hour Background	Project 1-Hour Maximum CO Impact	Combined Peak 1-Hour CO Impact	1-Hour NAAQS Standard
Existing Traffic (2007)	2.6	2.5	5.1	35
Old Country Road @ East Gate Blvd/Mitchell Drive	**8-Hour Background**	**Project 8-Hour Maximum CO Impact**	**Combined Peak 8-Hour CO Impact**	**8-Hour NAAQS Standard**
Existing Traffic (2007)	1.8	1.8	3.6	9

Notes:
- All values are in parts per million (ppm).
- NYSDOT Environmental Procedures Manual (EPM) value for Nassau County. EPM rollback method used to calculate existing and Build year background levels.
- 8-hour maximum impact was computed by multiplying the 1-hour impact by 0.7 (NYSDOT Environmental Procedures Manual).

Year 2000 emission factors were obtained from the MOBILE6.2 emission factor tables and year 2000 traffic volumes were obtained using a scale-back value of 1.67 percent decrease in volume per year from the 2007 existing traffic volumes (based on the Regional Traffic Growth Factor). The variables used in the calculation are specific to the intersection of Old Country Road at East Gate Boulevard/Mitchell Drive. CO background values are provided in Table 7, above.

The maximum estimated 1-hour CO receptor concentration under existing conditions is well below the Federal and State standard of 35 ppm. The highest concentration predicted, 2.5 ppm, occurred at a sidewalk receptor on the south side of Old Country Road (Eastbound). This value is presented in Table 7, above. The maximum prediction is likely to be an overestimate of actual expected concentrations since conservative vehicle speeds for free flow links and emission rates for all vehicle queues were used in the analysis. The predicted existing traffic impact value was added to the 2007 rolled back background CO value for Nassau County (2.6 ppm) to obtain a maximum predicted total 1-hour CO concentration value of 5.1 ppm which is well below the Federal and State air quality standard.

The maximum estimated 8-hour CO receptor concentration under existing conditions is also presented in Table 7, above. NYSDOT EPM recommends that the 8-hour value be derived by multiplying the 1-hour value by a persistence factor of 0.7. When existing traffic impacts are combined with the applicable 8-hour background concentration of 1.8 ppm for Nassau County, the combined maximum CO receptor concentration of 3.6 ppm is also well within the Federal and State standard. All other receptors have lower concentrations, in fact, the receptor concentrations decrease dramatically as the distance of the receptor from the intersection and individual links increases. Traffic related CO impacts are considered very localized with high CO concentrations within a relatively short distance of busy roadway intersections. The concentrations at a building receptor would be more realistic for estimating the 8-hour CO concentration exposures to humans. The maximum existing 8-hour combined CO concentration for all building receptors is below the sidewalk receptor values. A person would more likely be exposed to the concentration for a period of eight (8) hours at the building receptor locations.

Fine Particulate and Other Vehicle Emissions

PM_{10} and $PM_{2.5}$ Microscale Analyses

Common sources of fine particulate matter (PM_{10} and $PM_{2.5}$) in the vicinity of busy intersections are heavy duty trucks that run on diesel fuel. PM_{10} and $PM_{2.5}$ microscale air quality analyses were performed using the same modeling methodology as the CO microscale analysis. PM_{10} and $PM_{2.5}$ emission factors were generated for Existing (2007) traffic conditions and have been provided in Table 8, Table 9 and Attachment 4 of the Air Quality Study. Parameters used to generate site specific emission factors for the intersections of Old Country Road at East Gate Boulevard/Mitchell Drive were identical to what was used in the CO analysis. CAL3QHC was used to predict existing PM_{10} and $PM_{2.5}$ concentrations. The PM_{10} and $PM_{2.5}$ concentrations under existing conditions are provided in Table 10.

Table 8 - Existing (2007) PM10 Vehicle Emission Rates

Vehicle Type	Nassau County Vehicle Distribution (%) RFC 14/16	Nassau County Vehicle Distribution (%) RFC 17/19	PM_{10} Emission Factors (g/VMT)*		PM_{10} Emission Rates (g/VMT)*			
			Existing (2007)		Existing (2007)			
			Idle (0 mph)	Non-Idle	Idle (RFC 14/16)	Idle (RFC 17/19)	Non-Idle (RFC 14/16)	Non-Idle (RFC 17/19)
LDGV	55.15	56.28	0.00	0.03	0.000	0.000	0.017	0.017
LDGT1	6.51	6.64	0.00	0.03	0.000	0.000	0.002	0.002
LDGT2	21.70	22.14	0.00	0.03	0.000	0.000	0.007	0.007
LDGT3	7.49	7.36	0.00	0.03	0.000	0.000	0.002	0.002
LDGT4	3.40	3.33	0.00	0.03	0.000	0.000	0.001	0.001
HDGV2B	1.10	0.77	0.00	0.08	0.000	0.000	0.001	0.001
HDGV3	0.32	0.22	0.00	0.09	0.000	0.000	0.000	0.000
HDGV4	0.16	0.11	0.00	0.09	0.000	0.000	0.000	0.000
HDGV5	0.14	0.10	0.00	0.10	0.000	0.000	0.000	0.000
HDGV6	0.09	0.06	0.00	0.13	0.000	0.000	0.000	0.000
HDGV7	0.10	0.07	0.00	0.12	0.000	0.000	0.000	0.000
HDGV8A	0.11	0.07	0.00	0.17	0.000	0.000	0.000	0.000
LDDV	0.13	0.13	0.00	0.17	0.000	0.000	0.000	0.000
LDDT12	0.21	0.21	0.00	0.11	0.000	0.000	0.000	0.000
LDDT34	0.61	0.60	0.00	0.09	0.000	0.000	0.001	0.001
HDDV2B	0.17	0.11	1.11	0.13	0.002	0.001	0.000	0.000
HDDV3	0.17	0.12	1.08	0.12	0.002	0.001	0.000	0.000
HDDV4	0.23	0.16	1.05	0.12	0.002	0.002	0.000	0.000
HDDV5	0.25	0.17	1.15	0.13	0.003	0.002	0.000	0.000
HDDV6	0.20	0.14	1.16	0.25	0.002	0.002	0.001	0.000
HDDV7	0.39	0.27	1.14	0.24	0.004	0.003	0.001	0.001
HDDV8A	0.48	0.33	1.33	0.41	0.006	0.004	0.002	0.001
HDDV8B	0.39	0.27	1.20	0.35	0.005	0.003	0.001	0.001
HDGB	0.10	0.07	0.00	0.11	0.000	0.000	0.000	0.000
HDDBT	0.20	0.13	2.72	1.41	0.005	0.004	0.003	0.002
HDDBS	0.20	0.13	1.28	0.52	0.003	0.002	0.001	0.001
MC	0.00	0.00	0.00	0.04	0.000	0.000	0.000	0.000
		Total Composite Emission Rates			**0.035**	**0.024**	**0.041**	**0.038**

Notes:

* All emissions data are in g/VMT (grams per vehicle mile traveled) except for 0 mph idle emission factors, which are in g/h (grams per hour). Emission rates equal emission factors multiplied by vehicle distribution.

- Vehicle distribution and emission factor data obtained from NYSDOT's MOBILE6.2 PM10 Emission Factor Tables Look Up and Calculation Program for Microscale Analysis Web Applications (https://www.nysdot.gov/portal/page/portal/divisions/engineering/environmental-analysis/repository/mobile6/pm/pmtable.html).
- Default Nassau County vehicle distributions were used in the analysis.
- RFC = Road Functional Class. 14/16 represents urban major and minor arterials and 17/19 represents urban collectors and local roadways.
- NYSDOT's Online MOBILE6.2 PM10 Emission Factor Tables provided in Attachment 4 of the Air Quality Study.

Table 9 - Existing (2007) PM2.5 Vehicle Emission Rates

Vehicle Type	Nassau County Vehicle Distribution (%) RFC 14/16	Nassau County Vehicle Distribution (%) RFC 17/19	PM2.5 Emission Factors (g/VMT)*		PM2.5 Emission Rates (g/VMT)*			
			Existing (2007)		Existing (2007)			
			Idle (0 mph)	Non-Idle	Idle (RFC 14/16)	Idle (RFC 17/19)	Non-Idle (RFC 14/16)	Non-Idle (RFC 17/19)
LDGV	55.15	56.28	0.00	0.01	0.000	0.000	0.006	0.006
LDGT1	6.51	6.64	0.00	0.01	0.000	0.000	0.001	0.001
LDGT2	21.70	22.14	0.00	0.01	0.000	0.000	0.002	0.002
LDGT3	7.49	7.36	0.00	0.01	0.000	0.000	0.001	0.001
LDGT4	3.40	3.33	0.00	0.01	0.000	0.000	0.000	0.000
HDGV2B	1.10	0.77	0.00	0.06	0.000	0.000	0.001	0.000
HDGV3	0.32	0.22	0.00	0.06	0.000	0.000	0.000	0.000
HDGV4	0.16	0.11	0.00	0.06	0.000	0.000	0.000	0.000
HDGV5	0.14	0.10	0.00	0.07	0.000	0.000	0.000	0.000
HDGV6	0.09	0.06	0.00	0.09	0.000	0.000	0.000	0.000
HDGV7	0.10	0.07	0.00	0.08	0.000	0.000	0.000	0.000
HDGV8A	0.11	0.07	0.00	0.10	0.000	0.000	0.000	0.000
LDDV	0.13	0.13	0.00	0.14	0.000	0.000	0.000	0.000
LDDT12	0.21	0.21	0.00	0.09	0.000	0.000	0.000	0.000
LDDT34	0.61	0.60	0.00	0.08	0.000	0.000	0.000	0.000
HDDV2B	0.17	0.11	1.02	0.11	0.002	0.001	0.000	0.000
HDDV3	0.17	0.12	0.99	0.10	0.002	0.001	0.000	0.000
HDDV4	0.23	0.16	0.96	0.09	0.002	0.002	0.000	0.000
HDDV5	0.25	0.17	1.06	0.11	0.003	0.002	0.000	0.000
HDDV6	0.20	0.14	1.07	0.21	0.002	0.001	0.000	0.000
HDDV7	0.39	0.27	1.05	0.21	0.004	0.003	0.001	0.001
HDDV8A	0.48	0.33	1.23	0.35	0.006	0.004	0.002	0.001
HDDV8B	0.39	0.27	1.10	0.29	0.004	0.003	0.001	0.001
HDGB	0.10	0.07	0.00	0.07	0.000	0.000	0.000	0.000
HDDBT	0.20	0.13	2.50	1.29	0.005	0.003	0.003	0.002
HDDBS	0.20	0.13	1.18	0.47	0.002	0.002	0.001	0.001
MC	0.00	0.00	0.00	0.02	0.000	0.000	0.000	0.000
		Total Composite Emission Rates			**0.032**	**0.022**	**0.020**	**0.017**

Notes:

* All emissions data are in g/VMT (grams per vehicle mile traveled) except for 0 mph idle emission factors, which are in g/h (grams per hour). Emission rates equal emission factors multiplied by vehicle distribution.

- Vehicle distribution and emission factor data obtained from NYSDOT's MOBILE6.2 $PM_{2.5}$ Emission Factor Tables Look Up and Calculation Program for Microscale Analysis Web Applications (https://www.nysdot.gov/portal/page/portal/divisions/engineering/environmental-analysis/repository/mobile6/pm/pmtable.html).
- Default Nassau County vehicle distributions were used in the analysis.
- RFC = Road Functional Class. 14/16 represents urban major and minor arterials and 17/19 represents urban collectors and local roadways.

Table 10 - 24-Hour and Annual Particulate Matter Concentrations - Existing

Old Country Road (CR 58) @ Mill Road/Pulaski Street	**Project 24-Hour PM_{10} Maximum Impact**	**Project Annual PM_{10} Maximum Impact**	**24-Hour PM_{10} N/SAAQS Standard**	**Annual PM_{10} N/SAAQS Standard****
Existing Traffic (2007)	4.0	0.32	150	50
Old Country Road (CR 58) @ Mill Road/Pulaski Street	**Project 24-Hour $PM_{2.5}$ Maximum Impact**	**Project Annual $PM_{2.5}$ Maximum Impact**	**24-Hour $PM_{2.5}$ N/SAAQS Standard***	**Annual $PM_{2.5}$ N/SAAQS Standard**
Existing Traffic (2007)	2.0	0.16	35	15.0

Notes:

- All values are in micrograms per cubic meter.
- 1-hour modeled impacts were multiplied by persistence factors to calculate the 24-hour and annual PM_{10} and $PM_{2.5}$ impacts. A value of 0.4 was used for the 24-hour persistence factor and a value of 0.08 was used for the annual persistence factor. Persistence values obtained from "New York State Department of Transportation Project Level Particulate Matter Analysis, Final Policy" dated September 2004.

* The 24-hour $PM_{2.5}$ NAAQS was recently reduced by the USEPA to 35 micrograms per cubic meter (Effective December 2006).

** Due to a lack of evidence linking health problems to long-term exposure to coarse particulate matter pollution, EPA revoked the annual PM10 standard (effective December 2006), however the NYSDEC has not yet revoked this standard.

As indicated in Table 10 above, the maximum estimated 24-hour PM_{10} receptor concentration is well below the Federal and State standard of 150 $\mu g/m^3$. The highest concentration predicted, 4.0 $\mu g/m^3$, occurred at a sidewalk receptor on the southeast corner of the intersection. This 24-hour concentration was calculated by multiplying the 1-hour modeled concentration by a persistence factor of 0.4 (NYSDOT, 2001). The maximum prediction is likely to be an overestimate of actual expected concentrations since conservative vehicle speeds for free flow links and emission rates for all vehicle queues were used in the analysis.

The maximum estimated annual PM_{10} receptor concentration of 0.32 $\mu g/m^3$ is also well below the Federal and State standard of 50 $\mu g/m^3$. All other receptors have lower concentrations, in fact, the receptor concentrations decrease dramatically as the distance of the receptor from the intersection and individual links increases.

Maximum 24-hour and annual $PM_{2.5}$ concentrations occurred at the same receptor locations as the maximum PM_{10} concentrations. The maximum predicted 24-hour $PM_{2.5}$ concentration was 2 $\mu g/m^3$, which is well below the Federal and State 24-hour standard of 35 $\mu g/m^3$. The maximum predicted annual $PM_{2.5}$ concentration was 0.16 $\mu g/m^3$; again well below the Federal and State annual standard of 15 $\mu g/m^3$.

3.6 SOCIOECONOMICS

Employment

As the structures associated with the former Avis headquarters are currently vacant, employment opportunities are generated only by the existing 16,500±-square-foot Thomasville Furniture Gallery.

Tax Generation

The subject property is designated on the Nassau County Land and Tax Map as Section 44 – Block 67 – Lots 26 through 28. Based on the general levy tax bills for the 2008 fiscal year, the subject property generates $833,661.85 in property taxes levied by Nassau County, the Town of Hempstead and the Uniondale Public Library District (special district).

Additionally, based on the school tax bill for the 2007-2008 fiscal year, the subject property generates $1,258,657.82 in property taxes levied by the Uniondale Union Free School District ("Uniondale UFSD").

School-Aged Children

As the subject property is largely vacant with the exception of the Thomasville Furniture Gallery, and no residential use exists, no school-aged children are generated at the subject site. Therefore, school property taxes represent an annual revenue to the Uniondale UFSD ($1,258,657.82 in the 2007-2008 fiscal year).

3.7 SOLID WASTE

Under existing conditions, and based on a factor of 13 pounds per day per 1,000 square feet of gross floor area,[8] the existing 16,500±-square-foot retail use generates approximately 214.5 pounds per day of solid waste (3.3 tons per month). As all other buildings on-site are presently vacant, this represents all solid waste generated at the subject property. Solid waste generated at the subject property is collected by a private carter and disposed of at a licensed facility.

[8] Source: Salvato, Joseph; Nelson Nemerow and Franklin Agardy. 2003. *Environmental Engineering, Fifth Edition.* John Wiley & Sons, Inc. New Jersey. pp 768, 769.

3.8 EMERGENCY SERVICES

3.8.1 Police Protection

The subject property is within the jurisdiction of the Nassau County Police Department, Third Precinct. The Third Precinct of the Nassau County Police Department responds to all types of emergencies (police, fire and medical) as well as routine calls for police service with the Precinct. The Department provides routine patrol 24 hours a day, 7 days a week. The Nassau County Police Department provides dispatch, detective and other services to the service area. The nearest station of the Third Precinct to the subject site is located approximately 3.24 miles to the northwest, along Hillside Avenue.

On October 6, 2008, correspondence was forwarded to the Third Precinct Commanding Officer Inspector James O'Leary, advising of the proposed action and requesting information relative to police protection. A response was issued by Inspector James O'Leary, dated November 5, 2008 (see Appendix E), indicating that the Third Precinct has additional units (in addition to routine patrols) that will patrol and respond to the subject property if needed. The area is currently patrolled by one radio motor patrol car, manned by one police officer.

3.8.2 Fire Protection

The subject property is within in the service area of the Westbury Fire Department. Correspondence was forwarded to George Perrin, Chief of the Department, on October 6, 2008, advising of the proposed action and requesting information relative to fire protection services (see Appendix E). No response has yet been received. The Westbury Fire Department operates out of two stations, the nearest being the fire station located on Old Country Road, approximately 1.5 miles east of the subject property.

3.9 AESTHETICS AND LIGHTING

3.9.1 Visual Resources

The subject property has road frontage along three public thoroughfares: Old Country Road at the northern property boundary; East Gate Boulevard at the western property boundary; and Zeckendorf Boulevard at the eastern property boundary. Views of the subject property from each of these roadways are described below, and photographs of the subject property are provided within Appendix B.

Old Country Road

Views of the subject property from along Old Country Road, at the intersection with East Gate Boulevard, include the existing, one-story Thomasville Furniture Gallery building, which faces Old Country Road. The one-story, flat-roof building includes a gable parapet above the entry with a wall sign. The building has no windows, aside from a glass-block wall alongside the main entrance doors. A small area of low-lying shrubs is present at the northwest corner of the property, however, the foreground is dominated by paved parking areas (see Photograph No. 1 in Appendix B).

In the area of the subject property, the Old Country Road corridor is lined with utility poles and numerous overhead utility cables, and street trees are spaced along the corridor. The three-story portion of the former Avis building is visible beyond. The lower two stories are of light-colored brick exterior, with rows of windows along the length of the building and a flat roof above. The partial third story has a red corrugated sheet metal exterior, with full-length windows and a flat roof. As the building is presently vacant, chain-link fencing has been installed to surround this portion of the site. Paved parking areas with few, small landscaped islands dominate the front yard, and screening vegetation is otherwise limited to the street trees spaced along the Old Country Road corridor (see Photograph Nos. 2 and 3 in Appendix B).

East Gate Boulevard

The Thomasville Furniture Gallery and associated parking areas are visible from East Gate Boulevard, at the northern portion of the subject property. The three-story portion of the former Avis building is partially-visible beyond. Along the site's East Gate Boulevard frontage, the corridor is lined with utility poles with numerous overhead utility cables, as well as chain-link fencing. Views at the central and southern portions of the site include expansive parking areas with overhead light poles spaced throughout same, and the one-story portion of the former Avis building (see Photograph Nos. 4 and 5 in Appendix B). The one-story building has a dark-colored corrugated sheet metal exterior and a flat roof, with bulkheading and rooftop equipment visible above. Few loading bay doors, a main entrance and a secondary entrance are visible along the west side of the building. The smaller vacant structures are also visible from along East Gate Boulevard, at the southern extent of the property (see Photograph No. 6 in Appendix B).

Zeckendorf Boulevard

Views of the site from along Zeckendorf Boulevard are limited by the change in elevation between the site and the roadway, and the presence of a narrow band of overgrown vegetation. However, the three-story portion of the former Avis building, and the rooftops of the one-story buildings are partially-visible beyond the vegetation (see Photograph Nos. 7, 8 and 9 in Appendix B). Also visible from Zeckendorf Boulevard are the overhead utility poles and cables that run along the site's frontage.

3.9.2 Lighting

Overhead light poles are spaced throughout the western parking area. However, as the existing buildings are vacant, the parking area lighting is not used. Few additional lighting structures are present within the Thomasville Furniture Gallery portion of the site, which are presumed to be in use during evening hours.

4.0 PROBABLE IMPACTS OF THE PROPOSED ACTION

4.1 SOILS AND TOPOGRAPHY

4.1.1 Soils

As described in Section 3.1 of this DEIS, soils at the subject property are classified as Ug. The Soil Survey describes Ug soils as well-drained, however, no engineering limitations are described for the siting of buildings or landscaped areas.

The proposed redevelopment would result in the disturbance of soils across nearly the entire 21.86±-acre subject property. As provided by the project engineer, approximately 33,000± cubic yards of natural material would be removed from the subject property as a result of the proposed grading activities, excavations for foundations, utilities and drainage infrastructure, and other proposed improvements. All material removed from the site would be performed by a licensed carter and disposed of in accordance with prevailing regulations.

In order to minimize the potential for erosion and sedimentation during construction, various controls would be implemented as follows:

- The total area of exposed soils at any given time, and the duration of exposure will be minimized to the maximum extent practicable;

- The length and steepness of cleared slopes will be minimized to reduce runoff velocities;

- Runoff will be diverted away from cleared slopes;

- Sediment barriers (e.g., silt fences and hay bales) will be installed prior to any grading work along all limits of disturbance;

- Graded and stripped areas and stockpiles will be kept stabilized through the use of temporary seeding and/or covering with tarpaulins, as required;

- Appropriate means will be used to control dust during construction, including the use of watering trucks and the placement of tarpaulins on exposed areas;

- A stabilized construction entrance will be maintained to prevent soil and loose debris from being tracked off-site; and

- Proper maintenance of erosion control measures will be performed by periodic inspection and after heavy or prolonged rain storms. Maintenance measures include, but are not limited to, cleaning of sediment basins or traps, cleaning or repair of sediment barriers, cleaning and repair of berms and diversions, and cleaning and repair of inlet protection.

The above-described measures would be implemented in accordance with the *New York State Standards and Specifications for Erosion and Sediment Control* published by the NYSDEC. With these erosion and sedimentation control measures employed during construction activities, no significant adverse impacts associated with soil disturbances at the subject property are anticipated.

In addition, to confirm the published information regarding soil characteristics, soil borings will be performed as part of the site plan review process for the proposed action.

4.1.2 Topography

The proposed redevelopment of the subject property would not require significant changes to the existing grade of the site, as the property is currently relatively flat (see *Grading and Drainage Plan* in Appendix A). As described in Section 3.1, elevations at the subject property are between 82± and 87± feet amsl at most areas under existing conditions, and these elevations would generally be maintained under post-development conditions. The lowest elevation would be 81± feet at the southwest corner of the subject property and the highest elevation would be 98± feet occur along the eastern property line.

The greatest change in elevation from existing conditions would occur at the northeast corner of the subject property, near the intersection of Zeckendorf Boulevard and Old Country Road. The existing slope would be cut back and made slightly steeper in order to allow for construction of the parking area and the proposed "Retail D" building, and a retaining wall would be installed. Also proposed are grade changes associated with the creation of the eastern site access drive, which would be raised to meet the adjacent grade of Zeckendorf Boulevard.

The percentage of the site having slopes greater than 15 percent would be reduced from three to two percent as a result of the proposed action, and retaining walls would be installed parallel to the slope to stabilize those areas. Finished floor elevations of the proposed buildings would range from 84.5± feet amsl, at the southern portion of the site (office, hotel and retail uses), to 87± feet amsl at the northern portion (restaurant pads). All proposed parking areas would be constructed to be slightly pitched toward drainage inlets as part of the stormwater management system.

Overall, as there are no significant changes to the elevation or to the slopes on the site, no significant adverse impacts to topography associated with site development are anticipated.

4.2 WATER RESOURCES

4.2.1 Groundwater

208 Study

As noted in Section 3.2 of this document, the subject property is situated within Hydrogeologic Zone I. Pursuant to the *208 Study*, the relevant highest priority areawide alternative applicable to the proposed development includes restricting the use of fast-acting, inorganic fertilizers and promoting the planting of low-maintenance lawns. The proposed plantings on the site would include species that require little or no fertilization, and no significant lawn areas are proposed. As such, the proposed development would be consistent with the relevant highest priority areawide alternatives expressed within the *208 Study*.

Nassau County 1998 Groundwater Study

The goals and recommendations of the *1998 Groundwater Study* are specific to four topics – groundwater quantity; groundwater quality; streamflow and surface water; and saltwater intrusion. Most of the recommendations are directed toward municipalities and not private entities, but some could apply to privately-owned parcels. Saltwater intrusion is not a topic that is relevant to the subject site due to its location; however, the other three topics are relevant.

The *1998 Groundwater Study* indicates that "the groundwater supply is adequate to meet the water need for many years to come." However, it notes that water conservation measures should actively be encouraged. To this end, the proposed development would incorporate water-conserving fixtures wherever possible to reduce the demand for potable water.

With respect to groundwater quality, the proposed development would be served by public water and public sewers. Also, there are no hazardous or toxic materials proposed to be stored on-site. As such, there would be no actual or potential discharge of hazardous materials to groundwater.

The *1998 Groundwater Study* notes that "stormwater is a major component of streamflow management strategies" and that municipal drainage improvements should be coordinated with stream and wetland improvement measures..." The proposed stormwater management system has been designed to contain and recharge, on-site, all stormwater from a minimum five-inch rainfall event.[9] Furthermore, the project would increase the total area of pervious surfaces at the subject property from 73,107± square feet, under existing conditions, to 165,829± square feet, thereby reducing the volume of stormwater runoff generated on-site. Containment and recharge of stormwater on-site comports to the recommendations of the *1998 Groundwater Study* as it contributes to stream baseflow (groundwater), precludes the erosion and scouring of streambeds during storm events, and does not allow stormwater to carry potential pollutants and litter into streams.

Based on the above, the proposed development is consistent with the goals of the *1998 Groundwater Study*.

4.2.2 Sewage Disposal

As indicated in Section 3.2 of this DEIS, the subject property is within Sewer District 3, maintained by the NCDPW. The proposed development is expected to generate approximately 67,098 gpd of sanitary waste, as described below in Table 11.

[9] The NCDPW requires eight-inch on-site containment of stormwater. A waiver to allow five-inch containment will be sought by the applicant.

Table 11 - Projected Sanitary Waste Generation

Use	Occupied Area or Capacity	Sanitary Waste Generation Factor	Sanitary Waste Generation
Dry Retail Stores	61,600 sf	0.03 gpd/sf	1,848 gpd
Wet Retail Stores	26,400 sf	0.03 gpd/sf + 0.07 gpd/sf (kitchen)	2,640 gpd
Furniture Store	15,000 sf	0.03 gpd/sf	450 gpd
Hotel Rooms	140 rooms	150 gpd/room	21,000 gpd
Office	175,000 sf	0.06 gpd/sf	10,500 gpd
Restaurant	1,000 seats	10 gpd/seat + 20 gpd/seat (kitchen)	30,000 gpd
Storage	22,000 sf	0.03 gpd/sf	660 gpd
Total Flow	**400,000 sf**		**67,098 gpd (24.49 MGY)**

In correspondence dated March 25, 2008, the Nassau County Department of Public Works confirmed that the existing sewer mains located in Old Country Road and East Gate Boulevard have sufficient capacity to accommodate the additional flow to be generated by the proposed development (see Appendix E). As such, no significant adverse impacts associated with sanitary waste disposal are expected to result from implementation of the proposed action.

4.2.3 Water Supply

The subject property is within the service area of the Roosevelt Field Water District, which is under the auspices of the Town of Hempstead Water Department. According to the project engineer, the proposed redevelopment would utilize an estimated 67,098± gpd of potable water.

As provided by the project engineer, based on a three-quarter-inch-per-week plant water demand and an 18-week irrigation season, the estimated irrigation demand for the proposed 165,829± square feet of landscaped area would be 1.40 million gallons per year (or 3,836 gpd during the 18-week irrigation season). Therefore, during the irrigation season, water usage would be expected to increase to 70,934 gpd.

In correspondence dated February 26, 2008, the project engineer advised the Town of Hempstead Water Department of the proposed action and anticipated water demands, and requested confirmation of water availability for domestic use and fire protection for the proposed action (see Appendix E). As no response was received to that correspondence, follow-up correspondence was forwarded to the Town of Hempstead Water Department on October 29, 2008. No response from the Town of Hempstead Water Department has yet been received.

4.2.4 Stormwater Runoff and Drainage

Drainage

The proposed stormwater management system includes catch basins, drywells and several series of interconnected leaching pools installed throughout the proposed paved areas. Based on the *Grading and Drainage Plan* prepared by the project engineer (see Appendix A), approximately 188 leaching pools (12-foot diameter, 18-foot effective depth) would be installed to accommodate a minimum five-inch storm event. Paved areas at the site would be slightly pitched toward the open-grate drywells and catch basins, and roof runoff would be piped into the system.

Under Section 239-F of the General Municipal Law, any development or modification of private property adjacent to Nassau County roads, property or easements are subject to review by NCDPW. The NCDPW requires that property improvements include facilities sufficient to provide for the retention/storage of eight inches of stormwater runoff as determined by the site's tributary area and in conjunction with relevant engineering factors.

If the eight-inch storage requirement cannot be met, a letter of hardship outlining the circumstances which limit on-site storage and a request for "waiver of storage requirement" can be forwarded as part of the 239-F submission. As the proposed stormwater management system has been designed for a five-inch storm, such a request will be made by the applicant.

Pursuant to Section 402 of the Clean Water Act, stormwater discharges from certain construction activities to "Waters of the United States"[10] are unlawful unless they are authorized by a National Pollutant Discharge Elimination System Permit ("NPDES") permit or by a state permit program. The New York State Pollutant Discharge Elimination System ("SPDES") Permit for construction activities is an NPDES-approved program with permits issued in accordance with the Environmental Conservation Law ("ECL") and administered by the NYSDEC. The SPDES program also extends permitting coverage for stormwater discharges to all other "Waters of New York State."

The SPDES permitting coverage applies to the following construction activities, when stormwater runoff would discharge to Waters of the United States or Waters of New York State:

- projects where disturbance is less than one acre if part of a larger common plan of development or sale with a planned disturbance of equal to or greater than one acre and less than five acres;
- projects where disturbance is one to five acres; and/or
- projects where disturbance is five acres or greater.

Where the above conditions are met, a SPDES General Permit for Stormwater Discharges from Construction Activity (GP-0-08-001) (hereinafter the "SPDES General Permit") must be obtained.

[10] Pursuant to Title 33 of the Code of Federal Regulations ("CFR") Part 328.3(a), waters of the United States are defined as (1) all waters which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or destruction of which could affect interstate or foreign commerce including any such waters: (i) Which are or could be used by interstate or foreign travelers for recreational or other purposes; or (ii) From which fish or shellfish are or could be taken and sold in interstate or foreign commerce; or (iii) Which are used or could be used for industrial purpose by industries in interstate commerce; (4) all impoundments of waters otherwise defined as waters of the United States under the definition; (5) tributaries of waters identified in paragraphs (a) (1) through (4) of this section; (6) the territorial seas; (7) wetlands adjacent to waters (other than waters that are themselves wetlands) identified in paragraphs (a) (1) through (6) of this section (Waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of CWA (other than cooling ponds as defined in 40 CFR 123.11(m) which also meet the criteria of this definition) are not waters of the United States); (8) waters of the United States do not include prior converted cropland. Notwithstanding the determination of an area's status as prior converted cropland by any other Federal agency, for the purposes of the Clean Water Act, the final authority regarding Clean Water Act jurisdiction remains with EPA.

Although the proposed action would result in the disturbance of an area greater than one acre, all stormwater would be accommodated on-site with the use of drywells. Therefore, there would be no discharge to Waters of the United States or to Waters of New York State. Moreover, as continuously stated by the NYSDEC in its "Responsiveness Summary for Public Comments Received on the NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES from CONSTRUCTION ACTIVITY Permit No. GP-0-08-001 Issued Pursuant to Article 17, Titles 7, 8 and Article 70 of the Environmental Conservation Law":[11]

> "Discharges of stormwater to groundwaters are exempt from general permit requirements unless the Department determines that such discharges (or class of discharges) are significant contributors of pollution. To date, the Department has not determined that construction site discharges to groundwater are significant contributors of pollutants." (see pages 6 and 60 of 76)

In order to demonstrate that there is no potential for a discharge from a construction site, the owner must perform the necessary modeling and site assessments (e.g., soil testing, infiltration tests) to support their position. When making the demonstration that all discharges from the site would be to groundwater, the owner must consider each of the following and will be required to be presented to the NYSDEC upon request:[12]

- All phases of construction, including the commencement of soil disturbance with no post-construction controls in place;
- Runoff from all recorded storm events (1 yr, 10 yr, 100 yr, etc.);
- Frozen ground conditions if soil disturbance is possible during periods when the ground is frozen; and
- Changes in site topography resulting from grading operations (cuts and fills).

[11] See http://www.dec.ny.gov/docs/water_pdf/gpcommentapr08.pdf

[12] Page 7 of 76 in the "Responsiveness Summary For Public Comments Received on the NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES from CONSTRUCTION ACTIVITY Permit No. GP-0-08-001 Issued Pursuant to Article 17, Titles 7, 8 and Article 70 of the Environmental Conservation Law"

At the time construction plans are prepared, the aforementioned assessments will be conducted. Prior to undertaking any activities, if requested, the applicant will present all appropriate information to the NYSDEC in order to demonstrate that all stormwater will be contained on-site and recharged to groundwater.

Nonpoint Source Management Handbook

The *Nonpoint Source Management Handbook* was reviewed as to recommendations. The proposed project's consistency with the relevant recommendations follows:

Land Use

- *Limit new development, particularly industrial uses, in the deep recharge and critical shallow recharge areas.*

  The subject property is located within a deep recharge area; however, no industrial uses are proposed. Therefore, the proposed development would comply with this recommendation.

- *Concentrate high density or commercial/industrial land uses in existing high density or commercial/industrial areas...*

  The proposed high-density commercial development would be located in an area of similar development, and thus, would be consistent with this recommendation.

- *Limit the removal of natural vegetation and the creation of lawn areas.*

  The subject property does not contain any significant areas of natural vegetation. Additionally, the proposed development does not include the creation of any substantial lawn areas. Therefore, the proposed development is consistent with this recommendation.

Stormwater Runoff

- *Minimize grade changes and site clearing.*

  The subject property is relatively flat throughout, under existing conditions, and same would be true for post-development conditions (see *Grading and Drainage Plan* in Appendix A). Furthermore, the subject property does not contain any significant areas of natural vegetation, and therefore, only minimal removal of vegetation (overgrown landscaped areas) would be required as part of the proposed development.

- *Do not allow increased sediment resulting from the construction or operational phase of site development to leave the site or to be discharged into stream corridors, marine or freshwater wetlands.*

  The erosion and sedimentation control measures to be implemented during construction activities, including the installation of silt fencing and hay bales at all limits of disturbance, would serve to limit the potential for off-site sediment transport. Under post-development conditions, all stormwater associated with a five-inch storm event would be contained and recharged on-site. Furthermore, no stream corridors or marine or freshwater wetlands exist at or contiguous to the subject property. As such, the proposed development would comply with this recommendation.

- *Minimize the amount of soil area exposed to rainfall and the period of exposure. Cover or plant exposed soils as soon as possible.*

  The erosion and sedimentation control measures to be employed, as described in Section 3.1 of this document, would include limiting the area and duration of disturbed soil exposure, and the use of seeding and/or tarpaulins to stabilize exposed areas and protect stockpiles. As such, the proposed erosion and sedimentation controls are consistent with this recommendation.
- *Stabilize exposed slopes during and after construction by using temporary and/or permanent structural or nonstructural stabilization measures.*

  An area of steep slopes exists along the eastern limit of the subject property, at Zeckendorf Boulevard. As construction activities would disturb slopes in this area, retaining walls would be installed parallel to the slope along nearly the entire site boundary as a structural stabilization measure. Additionally, all disturbed sloped areas would be planted with a mix of landscape species, topsoiled and mulched to further stabilize these areas.

Overall, the proposed development is in compliance with the recommendations of the *Nonpoint Source Management Handbook.*

NURP Study

The *NURP Study* has made recommendations with regard to stormwater runoff, as it pertains to the protection of groundwater and surface water resources. Recommendations "GW 1" through "GW 3" are not relevant to the proposed action, as they relate to recharge basins (no recharge basin is proposed). Recommendations "SW 1" through "SW 4" are also not relevant to the proposed action, as no surface waters exist at or contiguous to the subject property. The proposed project's consistency with the relevant recommendations ("GW 4 and GW 5") is discussed below:

GW 4: *Consider the use of in-line storage leaching drainage systems, or components thereof, as a substitute for recharge basins in areas, other than parking lots, where maintenance will be assured and where the value of the land for development purposes is greater than the cost of installing and maintaining the underground system. Storage leaching drainage systems should also be considered for use where the installation of recharge basins is not feasible.*

As the entire 21.86±-acre subject property is developed and would be redeveloped with buildings, parking areas and landscaped areas, the use of a recharge basin is not feasible. The proposed stormwater management system includes the use of several series of leaching pools installed throughout the proposed parking areas, to contain and recharge on-site all stormwater generated during a minimum five-inch storm event. As such, the proposed development is consistent with this recommendation.

GW 5: *Prevent illegal discharges to drainage systems or recharge basins. Such discharges, which often result from improper storage or deliberate dumping of chemicals, must be controlled at the source.*

The proposed development would not include the storage or use of any significant quantities of chemicals or other hazardous materials. However, should the storage or use of any toxic or hazardous materials be required, all such materials would be handled appropriately and permits sought in accordance with Article XI of the NCPHO. As such, no discharges of such materials to the proposed drainage system are expected, and the proposed development would comply with this recommendation.

Based on the above, the proposed development is consistent with the recommendations offered within the *NURP Study*.

4.2.5 Surface Water, Wetlands and Floodplain

As described in Section 3.2 of this document, there are no surface waters or wetlands at or contiguous to the subject property. Therefore, the proposed action would not affect such resources. Furthermore, the subject property is not within any special flood hazard area.

4.3 LAND USE AND ZONING

4.3.1 Land Use

Upon implementation of the proposed action, the land use of the underutilized, largely vacant subject property would be changed to a mixed-use commercial center with office, restaurant, retail and hotel uses. The existing, occupied 16,500±-square-foot retail building ("Thomasville Furniture Gallery") would be demolished, and the occupant would be allocated 15,000± square feet of space within the proposed development. The existing, vacant buildings would also be demolished to allow for the proposed development.

The total gross floor area of buildings at the subject property would be reduced from approximately 498,872 square feet to 400,000± square feet, and in that respect, the intensity of land use would be slightly reduced by redevelopment of the site as proposed. The FAR of the buildings on the site would decrease from 0.524 to 0.427[13] at the 21.86±-acre subject property. The FAR, including the proposed two-level, 123,436±-square-foot parking deck, would be 0.557. The proposed action would increase the total area of landscaping at the subject property by 2.13± acres (from 73,107± square feet to 165,829± square feet). Site data under existing and proposed conditions is as follows:

Table 12 - Existing and Proposed Site Data

Coverage Type	Existing	Proposed
Building Area	358,524 sf (8.23 acres)	227,730 sf (5.23 acres)
Pavement	520,522 sf (11.95acres)	543,608 sf (12.48 acres)
Landscaped Area	73,107 sf (1.68 acres)	165,829 sf (3.81 acres)
Road Dedication	N/A	14,986 sf (0.34 acre)
Total	952,153 sf (21.86 acres)	952,153 sf (21.86 acres)

[13] Reflects the total site area of 937,167 square feet after the proposed 14-foot road widening dedication along the Old Country Road frontage (14,986± square feet).

As described above, the proposed development would include 400,000±-square-feet of GFA, with a variety of proposed uses. Specifically, the development would provide 125,000± square feet of retail space, 175,000± square feet of office space within five stories (retail and lobby space below), and 70,000± square feet of hotel area within five stories. The remaining 30,000± square feet would be divided among two restaurant pads at Old Country Road and two restaurants among retail uses, providing a total of 1,000 seats.

A large, centrally-located parking area would provide 457 stalls, and various smaller surface parking areas throughout the site would provide an additional 764 stalls. A parking deck, with direct access to the proposed office use (second-story bridge) and to the proposed signalized eastern site access at Zeckendorf Boulevard, would provide 197 stalls at the first level and 190 stalls at the top level. Overall, the proposed site plan includes the provision of 1,608 parking stalls, including 46 ADA-compliant stalls.

Site access would exist at six access points along Old Country Road, East Gate Boulevard and Zeckendorf Boulevard. The access points along Old Country Road would include one western access at an existing signalized intersection, allowing full movements, and one eastern access allowing right-in and right-out movements only. The three access points along East Gate Boulevard are existing access points, with one to be used for service vehicles only (northernmost access – egress only).

4.3.2 Zoning

The subject property is within the Y Industrial district of the Town of Hempstead. The project's consistency with the bulk requirements of the Y Industrial district is depicted below in Table 13.

Table 13 - Zoning Compliance (Y Industrial)

Dimension	Required	Provided
Lot Area	N/A	952,153 square feet (21.86± acres)
Front Yard Depth	20 feet[1]	25 feet
Rear Yard	10 feet[2]	10 feet
Height	6 stories/75 feet[3]	6 stories/73.3 feet
Maximum Floor Area Ratio	0.40	0.427[4]

Notes:
(1) On each street.
(2) In case of a building over 40 feet high, the depth shall be increased five feet for each 12 feet or portion thereof by which the building exceeds 40 feet in height.
(3) Elevator shafts and heating, ventilating and air-conditioning units shall be permitted above the top of the roof but shall not cover more than 20 percent of the roof area and shall not be higher than fifteen feet above the roofline.
(4) Excludes the proposed two-level parking deck, with an FAR of 0.13. The proposed buildings, with the proposed parking deck, have an FAR of 0.557.

The retail and office components of the proposed development are permitted within the Y Industrial district. However, pursuant to §272.E(1) and §272.E(3) of the Building Zone Ordinance ("BZO") of the Town of Hempstead, Special Use Permits from the Town of Hempstead Board of Appeals would be required for the development of the proposed hotel and for the proposed FAR greater than 0.40.

Consistency with Criteria for Special Use Permit

Section 267.D(2) of the Building Zone Ordinance provides standards for the issuance of a Special Use Permit from the Board of Appeals. An analysis of compliance with the general standards related to design and use is presented herein.

- *The use will not prevent the orderly and reasonable use of adjacent properties or of properties in adjacent use districts;*

The subject property is entirely developed with 498,872 square feet of former office, warehouse and commercial space and is located along an active corridor. As evidenced in the photographs included in Appendix B of this DEIS, the proposed mixed-use development and its density would be consistent with land uses surrounding the subject property and along Old Country Road. Specifically, Photograph Nos. 12, 13, 16, 18 and 19 in Appendix B, as well as the aerial photograph provided therein, illustrate that the surrounding area is intensely developed with a mix of retail, restaurant, office and hotel uses. Surrounding properties are, in many cases, developed with multi-story commercial uses with expansive paved parking areas. Development in the area includes regional shopping destinations (i.e., the Roosevelt Field Mall, the Mall at the Source), multi-story office uses (i.e., 600 and 666 Old Country Road, 825 East Gate Boulevard), several hotel uses (i.e., the Red Roof Inn, Hampton Inn), and other large commercial uses. These photographs, and the aerial photograph, demonstrate development of retail, office and hotel uses, and also demonstrate, from a visual character perspective, that the heights and density proposed are not out of character with existing development. Accordingly, the proposed mixed-use development would not be expected to prevent the orderly and reasonable use of adjacent or nearby properties. Further, as will be described in Section 4.4 of this DEIS, the proposed action includes extensive traffic improvements to mitigate and in some cases, improve existing roadway conditions to the benefit of adjoining land uses, such that traffic generation resulting from the proposed development would also not be expected to prevent the orderly and reasonable use of adjacent properties or of properties in adjacent use districts.

- *The use will not prevent the orderly and reasonable use of permitted or legally established uses in the district wherein the proposed use is to be located or of permitted or legally established uses in adjacent use districts;*

As indicated above, the proposed mixed-use development and its density would be consistent with land uses on surrounding properties and along Old Country Road, and thus, would not prevent the orderly and reasonable use of permitted or legally established uses on adjacent properties or of such uses in adjacent use districts.

- *The safety, the health, the welfare, the comfort, the convenience or the order of the town will not be adversely affected by the proposed use and its location;*

  The proposed mixed-use development is consistent with surrounding properties and is to be situated on an active retail and commercial corridor, and thus, would not result in a detriment to the safety, health, comfort, convenience, or order of the Town.

- *The use will be in harmony with and promote the general purpose and intent of this ordinance;*

  Special permits are required for the hotel use and for an FAR exceeding the permitted maximum of 0.40. Given the uses and density of surrounding properties (see photographs in Appendix B of this DEIS), special permit approval would not result in significant adverse land use or character impacts.

- *The character of the existing and probable development of uses in the district, and the peculiar suitability of such district for the location of any such permissive use;*

  The proposed development would occupy a portion of a larger Y Industrial district that continues to the east and west along the Old Country Road corridor, and to the south of the subject site. The district, in this area, is largely developed - - specifically, such development is dominated by retail, restaurant and office uses. Additionally, multiple small hotels have recently been developed in the area surrounding the subject property. The proposed action includes the development of several similar uses, and would therefore be in character with development in the area and the site suitable for the proposed development.

- *The conservation of property values and the encouragement of the most appropriate uses of land;*

  As indicated in Section 4.6 of this DEIS, the *Economic Impact Study* prepared for the proposed action concludes that the redevelopment of the subject property would yield a positive economic impact on the local economy, would provide an increase in local employment, as well as spending and tax revenues. The subject property currently generates a $833,661.85 in property taxes levied by Nassau County, the Town of Hempstead and the Uniondale Public Library District (special district), and $1,258,657.82 levied by the Uniondale UFSD, for a total of $2,092,319.67. The proposed development is estimated to generate approximately $4,251,029 in property taxes, which represents an increase of approximately $2,158,709.33 (103 percent increase).

- *The effect that the location of the proposed use may have upon the creation of undue increase of vehicular traffic congestion on public streets, highways or waterways;*

  As indicated in Section 4.4 of this DEIS, the proposed redevelopment of the site would result in an increase in the number of trips generated to and from the site. However, not all of the traffic generated by the redevelopment would be new traffic added to the adjacent street system. The proposed action includes several roadway improvements to mitigate the potential adverse traffic impacts, including:

  1. At the intersection of Old Country Road and East Gate Boulevard/Mitchell Avenue, an additional left turn lane on the northbound approach would be constructed and the traffic signal phasing modified, to improve overall operating conditions;

  2. An additional eastbound lane would be provided on Old Country Road along the entire frontage of the property;

3. The applicant will monitor traffic conditions at the intersection of Zeckendorf Boulevard and Shopping Center Driveway/Proposed New Site Driveway, and to perform a Traffic Signal Warrant Study when the project is open and fully occupied, and if warrants are met, will install a traffic signal;

4. Traffic signal phasing modifications would be modified at the intersection of Zeckendorf Boulevard and Dibblee Drive; and

5. The developer will make a fair share contribution for improvements at the Meadowbrook Parkway M1 and/or M2 interchanges.

As such, with the implementation of the proposed traffic improvements, the proposed action would not result in the creation of undue increase of vehicular traffic congestion on public streets and highways.

- *The availability of adequate and proper public or private facilities for the treatment, removal or discharge of sewage, refuse or effluent (whether liquid, solid, gaseous or otherwise) that may be caused or created by or as a result of the use;*

All sanitary waste from the subject site is and would continue to be discharged to municipal sewers maintained by the NCDPW (Sewer District No. 3). All solid waste generated at the subject property would be collected by a private licensed carter and disposed of at a licensed facility.

- *Whether the use, or materials incidental thereto or produced, may give off obnoxious gases, odors, smoke or soot;*

The proposed mixed-use development would not produce any obnoxious gases, odors, smoke or soot.

- *Whether the operations in pursuance of the use will cause undue interference with the orderly enjoyment by the public of parking or of recreational facilities, if existing, or if proposed by the town or by other competent governmental agency;*

  As identified in Section 3.5 of this DEIS, the nearest community parks include:

  - Carle Place Park (approximately 0.35 mile to the northeast);
  - Hazelhur Park (approximately 0.5 mile to the southwest);
  - Hemlock Playground (approximately 1 mile to the west);
  - Wilson Park (approximately 1 mile to the west);
  - Custer Park (approximately 1.1 miles to the southwest);
  - Mitchel park & Athletic Facility (1.2 miles to the south);
  - Eisenhower County Park (approximately 1.4 miles to the southeast); and
  - Mitchel park (approximately 1.6 miles to the southeast).

  The proposed action would not be expected to cause undue interference with the use or enjoyment of these parks.

- *The necessity for bituminous-surfaced space for purposes of off-street parking of vehicles incidental to the use and whether such space is reasonably adequate and appropriate and can be furnished by the owner of the plot sought to be used within or adjacent to the plot wherein the use shall be had;*

  The proposed development will require parking facilities; approximately 1,942 parking spaces would be required pursuant to the Town of Hempstead BZO (based on calculations by the project engineer). The site layout includes the development of surface parking stalls to provide 1,221 spaces, and a two-level parking deck to provide another 387 spaces for a total of 1,608 proposed parking spaces. As fewer than the required number of parking spaces will be provided, the applicant will seek a variance from the Town of Hempstead Board of Appeals.

As will be discussed in detail within Section 4.4 of this DEIS, due to the fact that the individual project components (i.e., hotel, office, restaurant and retail uses) would experience different peak parking demands, the proposed development is expected to require far fewer parking spaces than required by the BZO. The anticipated actual peak parking demand is 1,393 spaces, and would occur on a weekday in December. Therefore, the proposed site layout is expected to include more than adequate parking facilities within the subject property to serve the proposed development.

It should be noted that the proposed development would provide adequate parking facilities while also reducing the total area of impervious surfaces at the subject property versus the existing condition (see Table 12, above).

- *Whether a hazard to life, limb or property because fire, flood, erosion or panic may be created by reason of or as a result of the use or by the structures to be used therefore or by the inaccessibility of the property entry and operation of fire and other emergency apparatus or by the undue concentration or assemblage of persons upon such plot;*

The proposed development would be designed in accordance with Town of Hempstead, Nassau County and New York State Fire and Building Codes. Moreover, the property is not located in a flood zone. In addition, the site has been designed to adequately accommodate emergency apparatus.

- *Whether the use or the structures to be used therefore will cause an overcrowding of land or undue concentration of population;*

The proposed action includes the redevelopment of a site developed with almost one-half million square feet of office, warehouse and commercial uses. The mixed-use components of the project provide variations in activity by hour, day, and season and also results in multi-purpose activity wherein a patron will visit different land use components during the same auto trip. Also, the projected population to visit the site for purposes of shopping, employment or hotel stay, are expected to include persons already within the area traveling along the Old Country Road corridor. Moreover, the FAR of the redeveloped site (excluding the parking garage) will be less than the existing FAR. Therefore, the proposed development would not result in an overcrowding of land or an undue concentration of population.

- *Whether the plot area is sufficient, appropriate and adequate for the use and the reasonable anticipated operation and expansion thereof;*

  The proposed redevelopment would decrease the FAR of buildings at the site (excluding the parking garage) by 0.097, from 0.524 to 0.427.

- *The physical characteristics and topography of the land; and*

  The subject property is entirely developed and presents no slope limitations.

- *Whether the use to be operated is unreasonably near to a church, school, theater, recreational area or other place of public assembly.*

  Nearby sensitive receptors include residential areas generally located to the north of the site and several community parks including:

  - Carle Place Park (approximately 0.35 mile to the northeast);
  - Hazelhur Park (approximately 0.5 mile to the southwest);
  - Hemlock Playground (approximately 1 mile to the west);
  - Wilson Park (approximately 1 mile to the west);

- Custer Park (approximately 1.1 miles to the southwest);
- Mitchel park & Athletic Facility (1.2 miles to the south);
- Eisenhower County Park (approximately 1.4 miles to the southeast); and
- Mitchel park (approximately 1.6 miles to the southeast).

There are also several schools and places of worship in the vicinity of the project site. In addition, Nassau Hospital is located approximately 1.8 miles west of the project site. Due to the distance between the aforementioned properties and the subject property, the proposed action would not adversely impact any of said properties.

Tree Preservation Review

In applications seeking permissive uses, the Board of Appeals shall give consideration to the preservation of existing trees on the site. An application for a permissive use shall contain a specific plan, filed with the Department of Buildings, containing a tree legend which will identify by number, species and caliper [four (4) inches or more], those trees to be preserved, removed and/or replaced.

Under existing conditions, only few trees are present at the subject property. A single, 30-inch diameter Red Oak and few other trees exist along the site's East Gate Boulevard frontage, few individual trees exist between the three-story and one-story portions of the former Avis Corporation headquarters building, and several trees exist within an overgrown and unkempt landscape strip along the Zeckendorf Boulevard frontage.

It is expected that nearly all of the on-site trees would be removed as part of the proposed site redevelopment. The trees situated among the existing buildings would likely be removed during demolition and site preparation activities. The 30±-inch caliper Red Oak along East Gate Boulevard would be retained, as indicated on the *Landscape Plan* (see Appendix A). During construction, this tree would be protected by four-foot-high wooden snow fencing (eight-foot by eight-foot square), which would surround the tree (see Tree Protection Detail on the *Landscape Plan* in Appendix A).

The vegetation along Zeckendorf Boulevard would be removed for grading of the site and installation of the proposed retaining walls, and replaced with several street trees and screen plantings including Red Oak, Red Maple, Sweet Gum, Norway Spruce and Douglas Fir trees, and various shrubs.

Consistency with Criteria for Parking Variance

Based on the required accessory parking rates provided within §319 of the Town of Hempstead BZO, and as estimated by the project engineer, the proposed mixed-use development would require the provision of 1,942 off-street parking spaces. The required parking for each project component is outlined below in Table 14:

Table 14 - Required Parking

Proposed Use		Area or Occupancy	Parking Requirement	Spaces Required
Hotel	Guest Rooms	140 Rooms	1 Space/Room	140 Spaces
	Meeting Room	268 Occupants	1 Space/4 Occ.	67 Spaces
Office	--	175,000 SF	1 Space/200 SF	875 Spaces
Retail	Retail	88,000 SF	1 Space/200 SF	440 Spaces
	Retail Storage	22,000 SF	1 Space/500 SF	44 Spaces
	Furniture	15,000 SF	1 Space/600 SF	25 Spaces
Restaurant	--	1,000 Seats 68 Employees	1 Space/3 Seats + 1 Space/4 Empl.	334 Spaces + 17 Spaces
			TOTAL	**1,942 Spaces**

The site layout includes the development of surface parking stalls to provide 1,221 spaces, and a two-level parking deck to provide another 387 spaces for a total of 1,608 proposed parking spaces. As fewer than the required number of parking spaces will be provided, the applicant will seek a variance from the Town of Hempstead Board of Appeals.

Pursuant to §319.C. of the BZO, the Town of Hempstead Board of Appeals may, "...vary the application of [the parking requirements] in any case in which it shall find that compliance [therewith] is not necessary to prevent traffic congestion or undue on-street parking..." As will be discussed in detail within Section 4.4 of this DEIS, due to the fact that the proposed development includes various project components (i.e., hotel, office, restaurant and retail uses) that would experience different peak parking demands, the proposed development is expected to require far fewer parking spaces than required by the BZO. The anticipated actual peak parking demand is 1,393 spaces, and would occur on a weekday in December. The proposed 1,608 parking spaces are therefore expected to provide adequate parking facilities to serve the proposed development, and granting of a 334-space (17.2 percent) relaxation of the parking requirement would not be expected to cause traffic congestion or undue on-street parking.

4.3.3 Relevant Plans

Nassau County Comprehensive Plan

As introduced in Section 3.3 of this DEIS, the *Comprehensive Plan* presents the generalized development intensity of all areas of the County for the year 2020 as a reflection of the Plan's vision for Nassau County. The subject property, and a large surrounding area, is identified for "High" intensity development with an FAR of 0.4 or greater. The proposed development, which would create 400,000± square feet of retail, office, restaurant and hotel uses on a 21.86±-acre site, would have an FAR greater than 0.4 and would thus be consistent with the Plan.

The Plan also states that developments that would increase employment opportunities and the tax base should be encouraged. As will be discussed in greater detail in Section 4.6 of this document, the proposed development would accomplish both goals. Specifically, an economic impact study of the proposed development estimates that the proposed development would directly create 1,327 full-time jobs during the two-year construction phase, and 1,494 full-time jobs during operation, with a total positive impact of $309.5 million on the local economy. Furthermore, total annual real estate taxes paid to local governments, special districts and the local school district are expected to increase by an estimated 103 percent as a result of the proposed development (from $2,092,320 to $4,251,029).

Policy recommendations offered within the *Comprehensive Plan* include that the siting of businesses in existing centers with available infrastructure and the reuse of underutilized parcels should be promoted. The proposed action includes the redevelopment of a largely vacant (with the exception of an operational 16,500±-square-foot retail use) and grossly underutilized, 21.86±-acre developed property along an active commercial corridor at the center of the County with a variety of uses on a single site, taking advantage of available infrastructure and shared resources (e.g., utilities, site access and parking facilities).

Based on the above, the proposed action accomplishes several of the goals expressed within the *Comprehensive Plan*, and is specifically consistent with the recommendations set forth therein.

4.4 TRANSPORTATION

Introduction

A Traffic Impact Study was prepared by VMI-Maris to evaluate the potential impacts of the proposed action. The post-development impact analysis is summarized below, and the TIS in its entirety is annexed hereto as Appendix C.

Traffic volume counts were performed in 2006 and 2007. The existing volumes were increased by 0.75 percent per year to obtain the projected 2009 Base Volumes. Traffic volumes from other proposed developments in the area were obtained from a Traffic Impact Study for a 150,000-square foot office expansion located at 600 Old Country Road, prepared by RMS Engineering, P.C., and added to the 2009 Base Volumes to obtain the 2009 No-Build Traffic Volumes. The No-Build traffic volumes assume full occupancy and estimated generations of the existing Avis building. VMI-Maris did not include the estimated generations of the existing Avis Building in the 2009 Build Traffic Volumes, which consist of the 2009 No-Build Traffic Volumes combined with the estimated traffic generation of the proposed redevelopment project.

Trip Generation Analysis

The amount of traffic to be generated by any proposed development is estimated based on information contained in a report published by the Institute of Transportation Engineers (ITE), entitled "Trip Generation" Seventh Edition, which is a result of surveys of various land use developments throughout the United States. As directed by the NCDPW Traffic Engineering Unit, a 25 percent retail pass-by credit was used for the Peak PM Highway Hour, a 20 percent pass-by credit for the retail and restaurant, and a 10 percent mass transit credit for the office was applied to the trip generation traffic. It is important to note that not all of the traffic generated by the redevelopment would be new traffic added to the adjacent street system.

Based on the ITE report and the pass-by credits described above, site generated traffic has been estimated by VMI-Maris for weekday and Saturday peak hours. The results of VMI's analyses for the 2009 site-generated traffic conditions are as follows in Table 15:

Table 15 - Site-Generated Traffic

Development	Weekday A.M. Peak Highway Hour (Vehicles/Hour)			Weekday P.M. Highway Hour (Vehicles/Hour)			Saturday Peak Highway Hour (Vehicles/Hour)		
	Enter	Exit	Total	Enter	Exit	Total	Enter	Exit	Total
Retail (110,000 s.f.)	101	65	166	320	347	667	479	442	921
Pass-by trip (pm 25% pass-by credit; Sat 20% pass-by credit)				-83	-83	-167	-92	-92	-184
Restaurant (1000 seats)	23	7	30	174	86	260	214	149	363
Pass-by trip (pm 25% pass-by credit; Sat 20% pass-by credit)				-33	-33	-65	-36	-36	-73
*Hotel (140 Rooms)	65	39	104	48	60	108	68	54	122
Furniture Store (15,000 s.f.)	2	1	3	3	4	7	7	6	13
Office (175,000 s.f.)	258	35	293	47	228	275	39	33	72
Transit Credit (am 10% mass-transit credit; pm 10% mass-transit credit)	-15	-15	-29	-14	-14	-28	-4	-4	-7
PRIMARY TRIPS	**449**	**147**	**596**	**592**	**725**	**1,317**	**788**	**670**	**1,458**
Pass-By-Trips	0	0	0	-116	-116	-232	-125	-125	-250
Transit Credit	-15	-15	-29	-14	-14	-28	-4	-4	-7
NEW TRIPS	**435**	**132**	**567**	**462**	**595**	**1,058**	**659**	**541**	**1,201**

* To account for size of meeting room, the peak AM hour entering volume and the peak PM hour existing volume were increased by 20%.

ITE Land Use Codes:
Retail: ITE Land Use Code 820 (Shopping Center)
Restaurant: ITE Land Use Code 931 (Quality Restaurant)
Hotel: ITE Land Use Code 310 (Hotel)
Furniture Store: ITE Land Use Code 890 (Furniture Store)
Office: ITE Land Use Code 710 (General Office)

Directional Distribution Analysis

Based on a review of the existing highway system and existing traffic patterns, the origins and destinations of the proposed project's traffic were determined. The resulting Arrival and Departure Distributions are presented graphically on Exhibit Nos. 23 and 24 of the TIS (see Appendix C of this DEIS).

Other Planned Developments

As indicated above, the traffic volumes expected to be generated by several planned/proposed projects were obtained from a recently prepared Traffic Impact Study prepared by RMS Engineering and is dated May 2003, revised February 2006, for an office building expansion of 150,000 square feet at 600 Old Country Road (near Roosevelt Field Mall) and added to the projected volumes. The 600 Old Country Road Traffic Impact Study did not include analyses for Saturday. Therefore, the Saturday trip generations were estimated based on the ITE Manual. The planned/proposed projects are as follows:

- 600 Old Country Road, 150,000 square foot office building expansion. Traffic generated by this project is presented on Exhibit No. 5 of the TIS (see Appendix C of this DEIS);

- Archstone Properties, proposed 192 apartments, located at northeast corner of Corporate Drive and Merchants Concourse (under construction). Traffic generated by Archstone Properties is presented on Exhibit No. 6 of the TIS (see Appendix C of this DEIS);

- A 720-unit retirement community located on the south side of Corporate Drive between Dibblee Drive and Merchants Concourse. Traffic generated by the retirement community development is presented on Exhibit No. 7 of the TIS (see Appendix C of this DEIS);

- Nine-hole pitch and putt golf course located on the south side of Corporate Drive between Dibblee Drive and Merchants Concourse. Traffic generated by the nine-hole pitch and putt golf course is presented on Exhibit No. 8 of the TIS (see Appendix C of this DEIS);

- A 14,430-square foot high-turnover restaurant located on the south side of Corporate Drive between Dibblee Drive and Merchants Concourse. Traffic generated by the 14,430-square foot high-turnover restaurant is presented on Exhibit No. 9 of the TIS (see Appendix C of this DEIS);

- A 6,305-square foot Applebee's restaurant located on the southeast corner of Corporate Drive and Merchants Concourse. Traffic generated by the 6,305-square foot Applebee's restaurant is presented on Exhibit No. 10 of the TIS (see Appendix C of this DEIS);

- A proposed 4,640-square foot of Retail Center, located at southwest corner of Old Country Road and Glen Cove Road. Traffic generated by the 4,640-square foot Retail Center is presented on Exhibit No. 11 of the TIS (see Appendix C of this DEIS);

- A vacant 2,250-square foot Gasoline Fueling Station, located at northwest corner of Old Country Road and Burt Avenue. Traffic generated by the 2,250-square foot Gasoline Fueling Station is presented on Exhibit No. 12 of the TIS (see Appendix C of this DEIS);

- 6,179-square feet of vacant retail, located at the north side of Old Country Road and adjacent to the Bally's, across from Best Buy. Traffic generated by the 6,179-square feet of vacant retail is presented on Exhibit No. 13 of the TIS (see Appendix C of this DEIS); and

- A proposed 143-room Hampton Inn Hotel located at the west end of North Avenue. Traffic to be generated by the 143 Room Hotel – Hampton Inn is presented on Exhibit No. 14 of the TIS (see Appendix C of this DEIS).

The projected Build 2009 traffic volumes for the AM Peak Hour, PM Peak Hour and Peak Saturday Shopper Hour are presented in Exhibit Nos. 28 – 30 of the TIS, and are excerpted herein as Figure 13, Figure 14 and Figure 15, respectively.

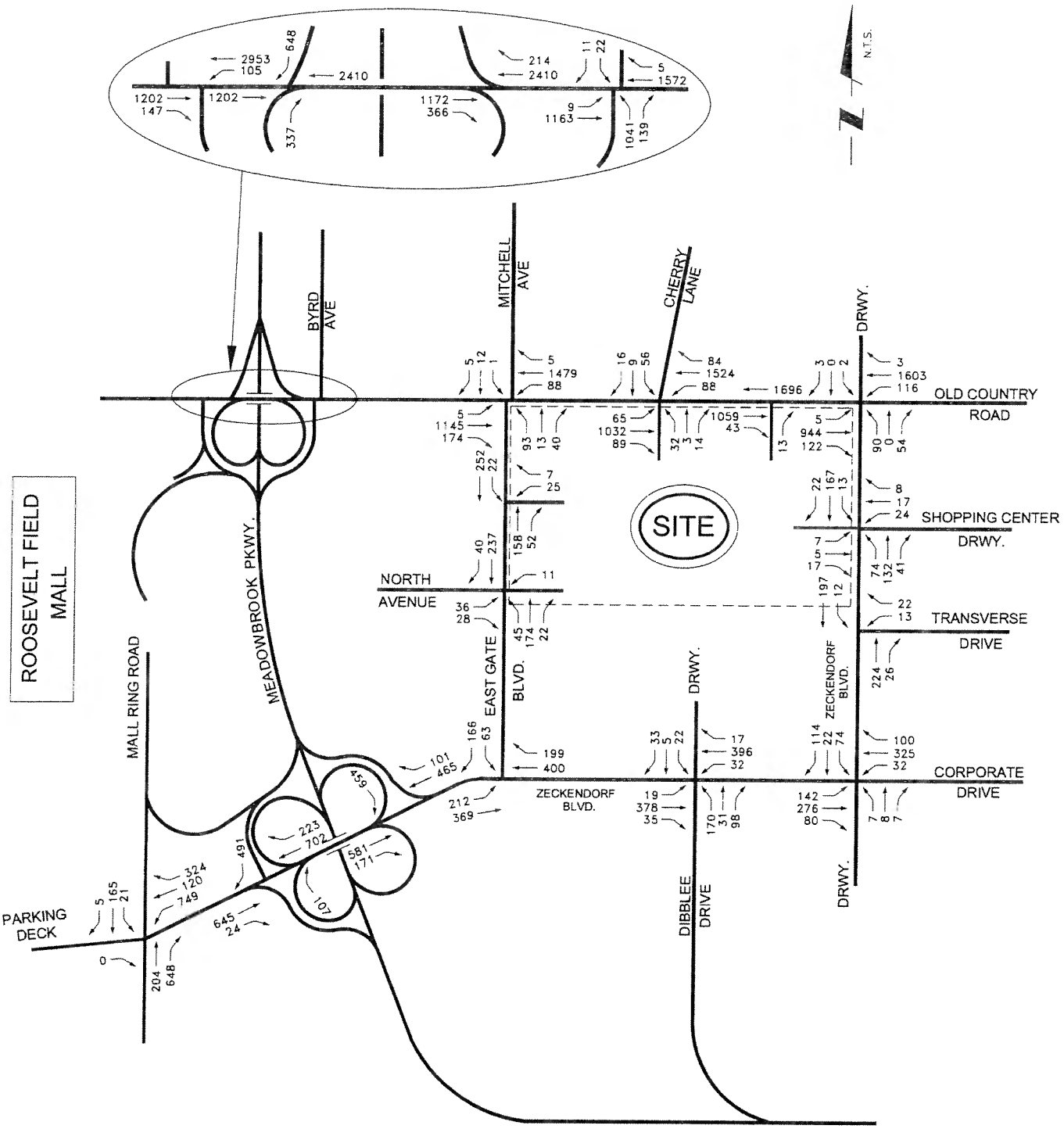

EXHIBIT NO. 28

V • M • I MARIS

TRAFFIC CONSULTANTS

PEAK AM HIGHWAY HOUR
2009 BUILD TRAFFIC VOUMES
Avis Property Redevelopment
Town of Hempstead, Nassau County, New York
Project No. 04-836 November, 2008

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Figure 13

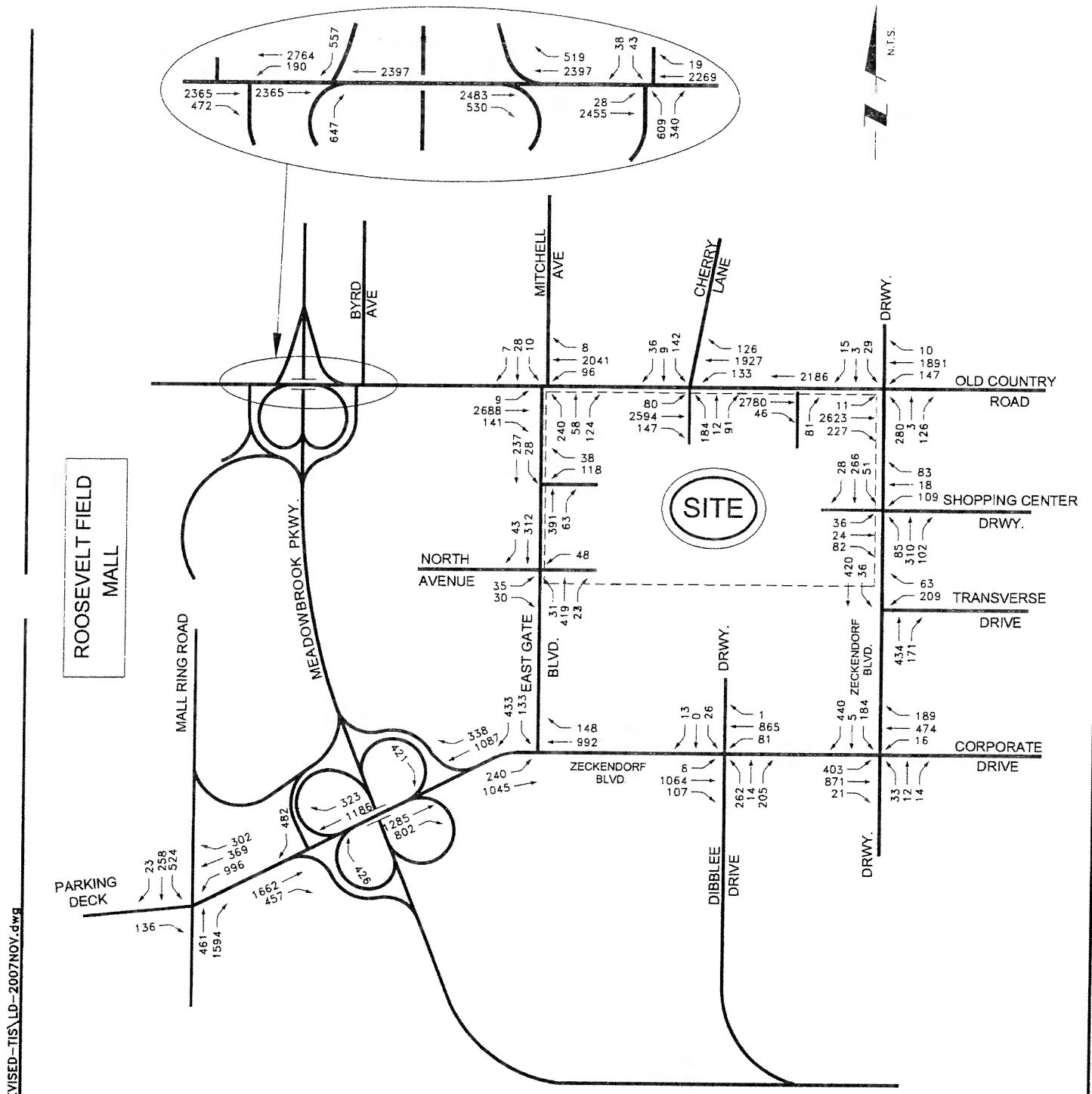

EXHIBIT NO. 29

V • M • I MARIS

TRAFFIC CONSULTANTS

PEAK PM HIGHWAY HOUR
2009 BUILD TRAFFIC VOUMES
Avis Property Redevelopment
Town of Hempstead, Nassau County, New York
Project No. 04-836 November, 2008

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Figure 14

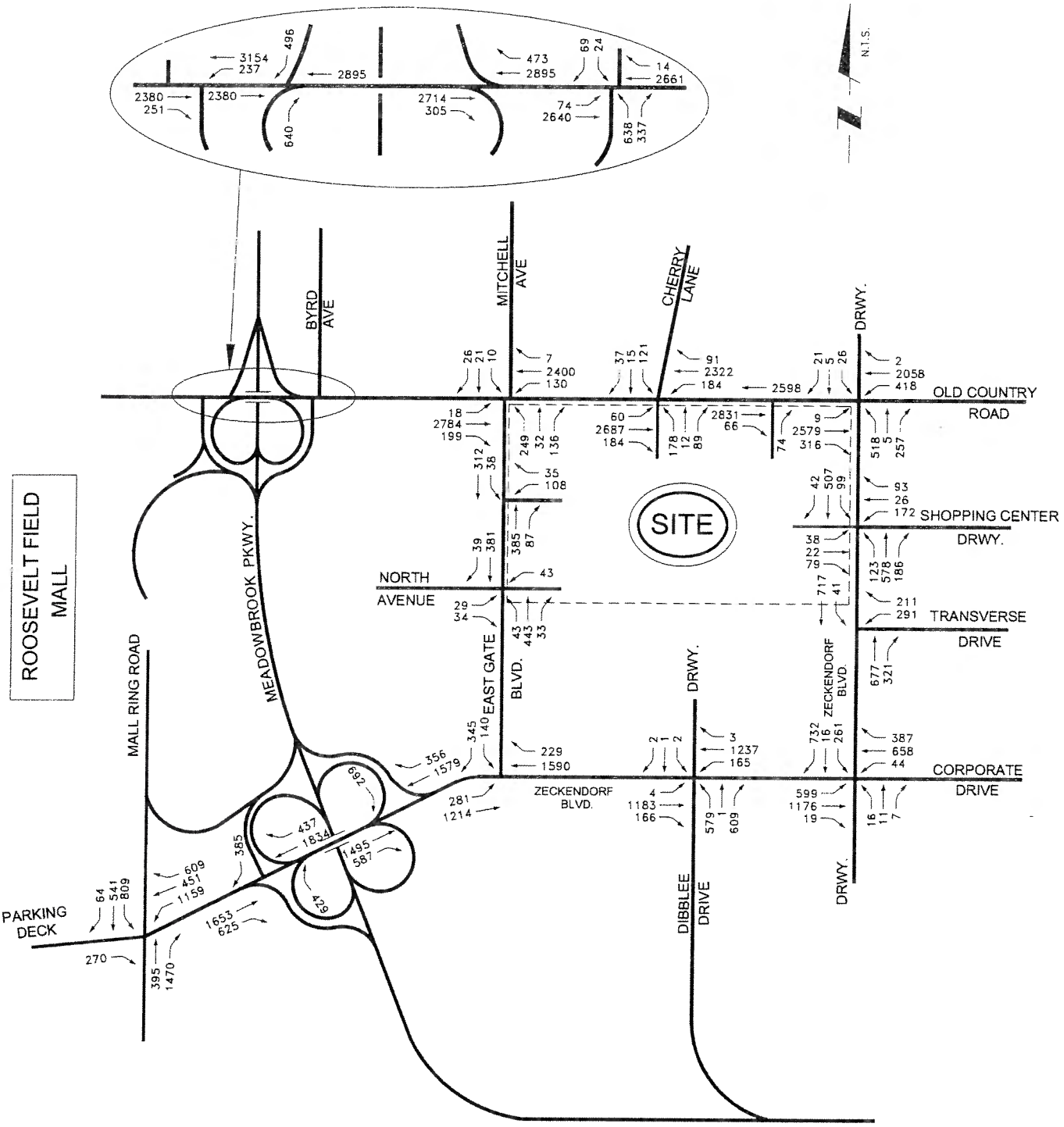

EXHIBIT NO. 30

V • M • I MARIS

TRAFFIC CONSULTANTS

PEAK SATURDAY SHOPPER HOUR
2009 BUILD TRAFFIC VOUMES
Avis Property Redevelopment
Town of Hempstead, Nassau County, New York
Project No. 04-836 November, 2008

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Figure 15

Capacity Analysis

Signalized Intersections

For signalized intersections, Level of Service ("LOS") is defined in terms of delay, which is a measure of loss of travel time. LOS criteria are stated in terms of the Average Control Delay per vehicle for the peak 15-minute period within the hour analyzed.

Delay is dependent on a number of factors, including number of lanes, turning volumes, truck volumes, Green to Cycle Length Ratio, and Volume to Capacity (V/C) ratio for each approach. The criteria for the LOS designations are given in the following table:

Table 16 - Signalized Intersection LOS Criteria

LOS	Description	Average Delay Per Vehicle (seconds)
A	Free Flow	10.0 or less
B	Mostly Free Flow	10.1 to 20.0
C	Somewhat Restricted	20.1 to 35.0
D	Some short Delays	35.1 to 55.0
E	At Capacity	55.1 to 80.0
F	Congestion	80.1 or greater

Unsignalized Intersections

Unsignalized Intersection Analyses are based on the gap acceptance model which relies on three basic elements; the size and availability of gaps in the major traffic stream; the usefulness of these gaps to the minor street drivers; and the relative priority of the various traffic streams at the intersection.

LOS criteria are stated in terms of the Average Control Delay for each minor movement for the peak 15-minute period within the hour. Control Delay is defined as the total elapsed time from when a vehicle stops at the end of the queue until the vehicle departs from the stop line; this time includes initial deceleration delay, queue move-up time, stopped delay and final acceleration delay. The Average Control Delay for any particular minor movement is a function of the capacity of the approach and the degree of saturation. The criteria for the various LOS designations are given in the following table:

Table 17 - Unsignalized Intersection LOS Criteria

LOS	Expected Delay to Minor Street Traffic	Average Total Delay (Seconds/Vehicle)
A	Little or No Delay	10.0 or Less
B	Short Traffic Delays	10.1 to 15.0
C	Average Traffic Delays	15.1 to 25.0
D	Long Traffic Delays	25.1 to 35.0
E	Very Long Traffic Delays	35.1 to 50.0
F	Demand Exceeds Capacity	50.1 or Greater

To accurately define the impact of the proposed redevelopment, Capacity Analyses were performed for the 2007 Existing Traffic Volumes, the 2009 No-Build Traffic Volumes, and the 2009 Build Traffic Volumes. The results of the capacity analyses are summarized in Exhibit No. 34 of the TIS, which is excerpted herein as Figure 16.

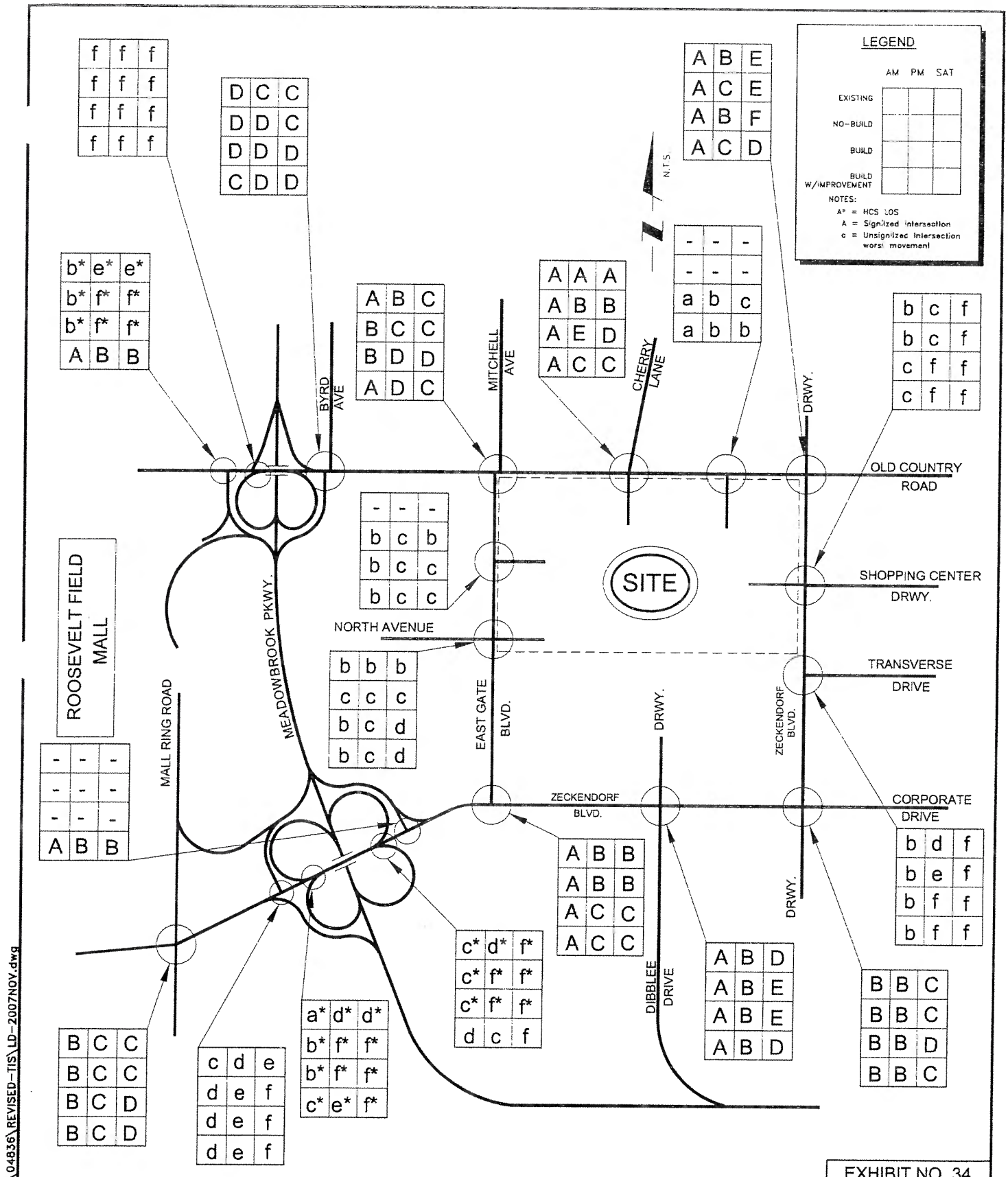


EXHIBIT NO. 34

V • M • I
TRAFFIC CONSULTANTS
MARIS

LEVEL OF SERVICE SUMMARY

Avis Property Redevelopment
Town of Hempstead, Nassau County, New York

Project No. 04-836 November, 2008

FILE: Z:\data\04836\REVISED-TIS\LD-2007NOV.dwg

Figure 16

Summaries of the traffic controls, analysis results and the proposed improvements at the study intersections follow below:

1. **Old Country Road and East Gate Boulevard/Mitchell Avenue**

a. Year 2007 Existing Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2007 Existing Traffic Volumes indicate that the intersection operates at LOS "A" during the Peak AM Highway Hour, at LOS "B" during the Peak PM Highway Hour and at LOS "C" during the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

b. Year 2009 No-Build Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2009 No-Build Traffic Volumes indicate that the intersection will operate at LOS "B" during the Peak AM Highway Hour and at LOS "C" during both the Peak PM Highway Hour and Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

c. Year 2009 Build Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2009 Build Traffic Volumes indicate that the intersection will operate at LOS "B" during the Peak AM Highway Hour and at LOS "D" during both the Peak PM Highway Hour and the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

d. Proposed Improvements

It is proposed to add a left turn lane on the northbound approach, and re-stripe the northbound approach as one left turn lane, one left/through lane and one right turn lane. It is also proposed to add a right turn signal arrow for the northbound right-turn movement.

Signalized Intersection Capacity Analyses with the Year 2009 Build Traffic Volumes and the proposed improvements indicate that the intersection will operate at LOS "A" during the Peak AM Highway Hour, and at LOS "D" during the Peak PM Highway Hour, and at LOS "C" during the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

2. Old Country Road and Cherry Lane/Site Driveway

a. Year 2007 Existing Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2007 Existing Traffic Volumes indicate that the intersection operates at LOS "A" during the Peak AM Highway Hour, Peak PM Highway Hour and the Peak Saturday Shopper Hour. The Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

b. Year 2009 No-Build Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2009 No-Build Traffic Volumes indicate that the intersection will operate at LOS "A" during the Peak AM Highway Hour and at LOS "B" during both the Peak PM Highway Hour and the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

c. Year 2009 Build Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2009 Build Traffic Volumes indicate that the intersection will operate at LOS "A" during the Peak AM Highway Hour; at LOS "E" (78.3 seconds) during the Peak PM Highway Hour; and at LOS "D" during the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

d. Proposed Improvements

As part of the proposed redevelopment, the site driveway will consist of one left turn lane and one through/right turn lane. An additional lane will be constructed on the eastbound approach, which will serve as a through/right turn lane. It is proposed to increase the timing for the eastbound/westbound left turn phase from 12 seconds to 18 seconds. It is also proposed to increase the storage length of the existing westbound left turn lane from 100 feet to 250 feet.

Signalized Intersection Capacity Analyses with the Year 2009 Build Traffic Volumes and the proposed improvements indicate that the intersection will operate at LOS "A" during the Peak AM Highway Hour and at LOS "C" during both the Peak PM Highway Hour and the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

3. Old Country Road and Proposed Site Driveway

a. Year 2009 Build Traffic Conditions

Unsignalized Intersection Capacity Analyses with the Year 2009 Build Traffic Volumes indicate that the right turn exiting volumes will operate at LOS "a" during the Peak AM Highway Hour; at Levels of Service "b" during the Peak PM Highway Hour; and at LOS "c" during the Peak Saturday Shopper Hour.

4. Old Country Road and Zeckendorf Boulevard/Private Driveway

a. Year 2007 Existing Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2007 Existing Traffic Volumes indicate that the intersection operates at LOS "A" during the Peak AM Highway Hour; at LOS "B" during the Peak PM Highway Hour; and at LOS "E" (60.2 seconds) during the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

b. Year 2009 No-Build Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2009 No-Build Traffic Volumes indicate that the intersection will operate at LOS "A" during the Peak AM Highway Hour, LOS "C" during the Peak PM Highway Hour and at LOS "E" (79.8 seconds) during the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

c. Year 2009 Build Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2009 Build Traffic Volumes indicate that the intersection will operate at LOS "A" during the Peak AM Highway Hour; LOS "B" during the Peak PM Highway Hour; and at LOS "F" (84.3 seconds) during the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

d. Proposed Improvements

As part of the proposed action, one right turn lane would be added on the eastbound approach of this intersection.

Signalized Intersection Capacity Analyses with the Year 2009 Build Traffic Volumes and with the proposed improvement indicate that the intersection will operate at LOS "A" during the Peak AM Highway Hour; at LOS "C" during the Peak PM Highway Hour; and at LOS "D" during the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

5. Zeckendorf Boulevard and Shopping Center Driveway/Proposed Site Driveway

a. Year 2007 Existing Traffic Conditions

Unsignalized Intersection Capacity Analyses with the Year 2007 Existing Traffic Volumes indicate that the westbound left turn operates at LOS "b" during the Peak AM Highway Hour; LOS "c" during Peak PM Highway Hour and at LOS "f" during the Peak Saturday Shopper Hour.

b. Year 2009 No-Build Traffic Conditions

Unsignalized Intersection Capacity Analyses with the Year 2009 No-Build Traffic Volumes indicate that the westbound left turn will operate at LOS "b" during the Peak AM Highway Hour, LOS "c" during Peak PM Highway Hour and at LOS "f" during the Peak Saturday Shopper Hour.

c. Year 2009 Build Traffic Conditions

Unsignalized Intersection Capacity Analyses with the Year 2009 Build Traffic Volumes indicate that the left turn movements from the Shopping Center Driveway and the Site Driveway will operate at LOS "c" during the Peak AM Highway Hour and will experience long delays during the Peak PM Highway Hour and the Peak Saturday Shopper Hour. The installation of a traffic signal will eliminate the left turn movement delays.

d. Traffic Signal Warrant Study

A Traffic Signal Warrant Study was performed for this intersection, and is included in Appendix H of the TIS. This study reveals that the projected traffic volumes do not meet the traffic signal warrant requirements for the installation of a signal. The developer has agreed to monitor traffic conditions at this location, and to perform a Traffic Signal Warrant Study when the project is open and fully occupied. The developer will be responsible for the installation of a traffic signal when the warrants are met, and appropriate governmental approvals are obtained.

6. Zeckendorf Boulevard and Transverse Drive

a. Year 2007 Existing Traffic Conditions

Unsignalized Intersection Capacity Analyses with the Year 2007 Existing Traffic Volumes indicate that the westbound left turn operates at LOS "b" during the Peak AM Highway Hour, LOS "d" during the Peak PM Highway Hour and experiences long delays during the Peak Saturday Shopper Hour.

b. Year 2009 No-Build Traffic Conditions

Unsignalized Intersection Capacity Analyses with the Year 2009 No-Build Traffic Volumes indicate that the westbound left turn will operate at LOS "b" during the Peak AM Highway Hour, at LOS "e" during the Peak PM Highway Hour and will experience long delays during the Peak Saturday Shopper Hour.

c. Year 2009 Build Traffic Conditions

Unsignalized Intersection Capacity Analyses with the Year 2009 Build Traffic Volumes indicate that the left turn movements from Transverse Drive will operate at LOS "b" during the Peak AM Highway Hour and will experience long delays during the Peak PM Highway Hour and the Peak Saturday Shopper Hour.

d. Traffic Signal Warrant Study

A Traffic Signal Warrant Study was performed for this intersection, which is attached in Appendix H of the TIS (see Appendix C of this DEIS). The study reveals that the traffic volumes at this intersection do not meet the Traffic Signal Warrant requirements for the installation of a signal.

7. Zeckendorf Boulevard and Corporate Drive

a. Year 2007 Existing Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2007 Existing Traffic Volumes indicate that the intersection operates at LOS "B" during the Peak AM and Peak PM Highway Hours, and at LOS "C" during the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

b. Year 2009 No-Build Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2009 No-Build Traffic Volumes indicate that the intersection will operate at LOS "B" during the Peak AM and Peak PM Highway Hours, and at LOS "D" during the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

c. Year 2009 Build Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2009 Build Traffic Volumes indicate that the intersection will operate at LOS "B" during the Peak AM and Peak PM Highway Hours, and at LOS "C" during the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

There are no improvements proposed for this intersection.

8. Zeckendorf Boulevard and Dibblee Drive

a. Year 2007 Existing Traffic Condition

Signalized Intersection Capacity Analyses with the Year 2007 Existing Traffic Volumes indicate that the intersection operates at LOS "A" during the Peak AM Highway Hour, LOS "B" during the Peak PM Highway Hour and at LOS "D" during the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

b. Year 2009 No-Build Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2009 No-Build Traffic Volumes indicate that the intersection will operate at LOS "A" during the Peak AM Highway Hour, LOS "B" during the Peak PM Highway Hour and at LOS "E" (57.5 seconds) during the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

c. Year 2009 Build Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2009 Build Traffic Volumes indicate that the intersection will operate at LOS "A" during the Peak AM Highway Hour, LOS "B" during the Peak PM Highway Hour and at LOS "E" (63.4 seconds) during the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

d. Proposed Signal Modifications

It is proposed to add a westbound protected left turn phasing signal at this intersection. Signalized Intersection Capacity Analyses with the proposed improvement indicate that the intersection will operate at LOS "A" during the Peak AM Highway Hour, at LOS "B" during the Peak PM Highway Hour, and at LOS "D" during the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

9. Zeckendorf Boulevard and East Gate Boulevard

a. Year 2007 Existing Traffic Condition

Signalized Intersection Capacity Analyses with the Year 2007 Existing Traffic Volumes indicate that the intersection operates at LOS "A" during the Peak AM Highway Hour and at LOS "B" during both the Peak PM Highway Hour and Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

b. Year 2009 No-Build Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2009 No-Build Traffic Volumes indicate that the intersection will continue to operate at LOS "A" during the Peak AM Highway Hour and at LOS "B" during both the Peak PM Highway Hour and Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

c. Year 2009 Build Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2009 Build Traffic Volumes indicate that the intersection will operate at LOS "A" during the Peak AM Highway Hour and at LOS "C" during both the Peak PM Highway Hour and Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

There are no improvements proposed for this intersection.

10. East Gate Boulevard and North Avenue/South Site Driveway

a. Year 2007 Existing Traffic Condition

Unsignalized Intersection Capacity Analyses with the Year 2007 Existing Traffic Volumes indicate that the traffic exiting the North Avenue operates at LOS "b" during all peak hours.

b. Year 2009 No-Build Traffic Conditions

Unsignalized Intersection Capacity Analyses with the Year 2009 No-Build Traffic Volumes indicate that the traffic exiting the site driveway will operate at LOS "c" during all peak hours. Traffic exiting North Avenue will operate at LOS "b" during the Peak AM Highway Hour and at LOS "c" during both the Peak PM Highway Hour and Peak Saturday Shopper Hour.

c. Year 2009 Build Traffic Conditions

Unsignalized Intersection Capacity Analyses with the Year 2009 Build Traffic Volumes indicate that traffic exiting the site driveway will operate at LOS "b" during the Peak AM Highway hour; LOS "c" during the Peak PM Highway Hour; and at LOS "d" during the Peak Saturday Shopper Hour. Traffic exiting North Avenue will operate at LOS "b" during the Peak AM Highway Hour and at LOS "c" during both the Peak PM Highway Hour and Peak Saturday Shopper Hour.

There are no improvements proposed for this intersection.

11. East Gate Boulevard and North Site Driveway

a. Year 2009 No-Build Traffic Conditions

Unsignalized Intersection Capacity Analyses with the Year 2009 No-Build Traffic Volumes indicate that traffic exiting the site driveway will operate at LOS "b" during both the Peak AM Highway hour and Peak Saturday Shopper Hour and at LOS "c" during the Peak PM Highway Hour.

b. Year 2009 Build Traffic Conditions

Unsignalized Intersection Capacity Analyses with the Year 2009 Build Traffic Volumes indicate that traffic exiting the site driveway will operate at LOS "b" during the Peak AM Highway Hour and at LOS "c" during both the Peak PM Highway Hour and Peak Saturday Shopper Hour.

There are no improvements proposed for this intersection.

12. Old Country Road and Southbound Parkway On-Ramp (Interchange M1)

a. Year 2007 Existing Traffic Conditions

The Old Country Road westbound to southbound left turn movement must cross four lanes. The Synchro program does not provide analysis results for this arrangement, however; the simulation shows a very long backup, which extends beyond the signalized intersection at the Parkway northbound off-ramp during the Peak PM Highway Hour.

b. Year 2009 No-Build Traffic Conditions

The Old Country Road westbound left turn must cross four lanes. The Synchro program does not provide analysis results for this arrangement. However, the simulation shows a very long backup, which extends beyond the signalized intersection at the Parkway northbound off-ramp during the PM and Saturday Peak Hours.

c. Year 2009 Build Traffic Conditions

The Old Country Road westbound left turn must cross four lanes. The Synchro program does not provide analysis results for this arrangement. However, the simulation shows a very long backup, which extends beyond the signalized intersection at the Parkway northbound off-ramp during the PM and Saturday Peak Hours.

d. Proposed Improvement

It is proposed to install a traffic signal for the westbound left turn movement. With the proposed signal, the analyses show that the intersection will operate at LOS "A" during both the Peak AM Highway Hour, and at LOS "B" during the Peak PM Highway Hour and Peak Saturday Shopper Hour. In addition to providing signal control for the westbound left turn movement, a benefit is provided for the southbound to eastbound movement by creating gaps in the eastbound Old Country Road traffic. The proposed improvement is shown on Exhibit No. 50 of the TIS.

13. Old Country Road and Southbound Parkway Off-Ramps (Interchange M1)

a. Year 2007 Existing Traffic Conditions

Unsignalized Intersection Capacity Analyses with the Year 2007 Existing Traffic Volumes indicate that the southbound to eastbound off-ramp operates at LOS "b" during the Peak AM Highway Hour and at LOS "f" during both the Peak PM Highway Hour and Peak Saturday Shopper Hour; and the southbound to westbound off-ramp operates at LOS "f" during both the Peak AM and he Peak PM Highway Hours and at LOS "c" during the Peak Saturday Shopper Hour. The SimmTraffic reveals that the southbound to eastbound ramp experiences a very long queue, which extends onto the Parkway during the Peak PM Highway Hour and Peak Saturday Shopper Hour.

b. Year 2009 No-Build Traffic Conditions

Unsignalized Intersection Capacity Analyses with the Year 2009 No-Build Traffic Volumes indicate that the southbound to eastbound off-ramp will operate at LOS "c" during the Peak AM Highway Hour and at LOS "f" during both the Peak PM Highway Hour and the Peak Saturday Shopper Hour. The southbound to westbound off-ramp will operate at LOS "f" during both the Peak AM and Peak PM Highway Hours and at LOS "d" during the Peak Saturday Shopper Hour. The simulation shows that the southbound to eastbound ramp experiences a very long queue, which extends onto the Parkway during the Peak PM Highway Hour and Peak Saturday Shopper Hour.

c. Year 2009 Build Traffic Conditions

Unsignalized Intersection Capacity Analyses with the Year 2009 Build Traffic Volumes indicate that the southbound to eastbound off-ramp will operate at LOS "c" during the Peak AM Highway Hour and at LOS "f" during both the Peak PM Highway Hour and Peak Saturday Shopper Hour. The southbound to westbound off-ramp will operate at LOS "f" during both the Peak AM and Peak PM Highway Hours and at LOS "d" during the Peak Saturday Shopper Hour. The simulation shows that the southbound to eastbound ramp experiences a very long queue which extends onto the Parkway during the Peak PM Highway Hour and Peak Saturday Shopper Hour.

d. Proposed Improvement

The proposed traffic signal at the Parkway southbound on-ramp will improve the operation of the Parkway southbound to eastbound ramp by creating gaps in the traffic stream. With the proposed signal, the analyses shows that the northbound right turn will operate at LOS "f" during both the Peak PM Highway Hour and the Peak Saturday Shopper Hour. However, the delays are reduced from 553.5 seconds to 130 seconds during the Peak PM Highway Hour and from 332 seconds to 71 seconds during the peak Saturday Shopper Hour.

14. Old Country Road & Northbound Parkway Off-Ramps/Byrd Avenue (Interchange M1)

a. Year 2007 Existing Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2007 Existing Traffic Volumes indicate that the intersection operates at LOS "D" during the Peak AM Highway Hour and at LOS "C" during both the Peak PM Highway Hour and Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

b. Year 2009 No-Build Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2009 No-Build Traffic Volumes indicate that the intersection will operate at LOS "D" during both the Peak AM and Peak PM Highway Hours and at LOS "C" during the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40. The SimmTraffic reveals that the northbound to westbound lanes experience a very long queue, which extends onto the Parkway during the PM and Saturday Peak Hours.

c. Year 2009 Build Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2009 Build Traffic Volumes indicate that the intersection will operate at LOS "D" during all peak hours. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

d. Proposed Improvements

It is proposed to widen the Meadowbrook Parkway northbound off-ramp to provide additional stacking for the northbound lanes, as shown on Exhibit No. 50 of the TIS.

15. Zeckendorf Boulevard and Parkway Westbound to Northbound On-Ramp (Interchange M2)

a. Year 2007 Existing Traffic Conditions

The SimmTraffic simulation reveals that the eastbound to northbound loop ramp experiences excessive queuing, which extends to westbound Zeckendorf Boulevard as far as the southbound ramps. It is proposed to eliminate the eastbound to northbound loop ramp and accommodate this movement via a traffic signal at the westbound to northbound ramp. Signalized Intersection Capacity Analyses with the Year 2009 Build Traffic Volumes with the proposed improvements indicate that the intersection will operate at LOS "A" during the Peak AM Highway Hour and at LOS "B" during the Peak PM Highway Hour and the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40. The proposed improvement is shown on Exhibit No. 51 of the TIS.

b. Year 2009 No-Build Traffic Conditions

The SimmTraffic reveals that the eastbound to northbound loop-ramp will continue to experience excessive queuing which extends to westbound Zeckendorf Boulevard as far as the southbound ramps.

c. Year 2009 Build Traffic Conditions

The SimmTraffic reveals that the eastbound to northbound loop-ramp will continue to experience excessive queuing which extends to westbound Zeckendorf Boulevard as far as the southbound ramps.

d. Proposed Improvement

It is proposed to eliminate the eastbound to northbound loop ramp and accommodate this movement via a traffic signal at the westbound to northbound ramp. Signalized Intersection Capacity Analyses with the Year 2009 Build Traffic Volumes with the proposed improvements indicate that the intersection will operate at LOS "A" during the Peak AM Highway Hour and at LOS "B" during the Peak PM Highway Hour and the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40. The proposed improvement is shown on Exhibit No. 51 of the TIS.

16. Zeckendorf Boulevard and Parkway Northbound to Westbound Off-Ramp (Interchange M2)

a. Year 2007 Existing Traffic Conditions

The SimmTraffic simulation reveals that the eastbound to northbound loop-ramp backs up to Zeckendorf Boulevard and creates a gridlock condition at this interchange during the Peak PM Highway Hour and the Peak Saturday Shopper Hour.

b. Year 2009 No-Build Traffic Volumes

The SimmTraffic simulation reveals that the eastbound to northbound loop ramp will continue to backup to Zeckendorf Boulevard creating a gridlock condition at this interchange during the Peak PM Highway Hour and the Peak Saturday Shopper Hour.

c. Year 2009 Build Traffic Conditions

The SimmTraffic simulation reveals that the eastbound to northbound loop ramp will continue to backup to Zeckendorf Boulevard creating a gridlock condition at this interchange during the Peak PM Highway Hour and the Peak Saturday Shopper Hour.

d. Proposed Improvements

The proposed elimination of the eastbound to northbound loop, described in E 3-15, will prevent the gridlock condition. In addition, the proposed traffic signal at the northbound on-ramp, will introduce gaps in the westbound flow providing additional benefits.

17. Zeckendorf Boulevard and Parkway Southbound to Eastbound Ramp (Interchange M2)

a. Year 2007 Existing Traffic Conditions

The SimmTraffic simulation reveals that the off-ramp traffic is blocked by the queue from the eastbound to northbound on-ramp during the Peak PM Highway Hour and the Peak Saturday Shopper Hour.

b. Year 2009 No-Build Traffic Conditions

The SimmTraffic simulation reveals that the of-ramp traffic will continue to be blocked by the queue from the eastbound to northbound on-ramp during the Peak PM Highway Hour and the Peak Saturday Shopper Hour.

c. Year 2009 Build Traffic Conditions

The SimmTraffic simulation reveals that the of-ramp traffic will continue to be blocked by the queue from the eastbound to northbound on-ramp during the Peak PM Highway Hour and the Peak Saturday Shopper Hour.

d. Proposed Improvements

It is proposed to eliminate the eastbound to northbound loop-ramp, described in E3-15, and accommodate this movement at a signalized intersection at Zeckendorf Boulevard and the eastbound to northbound on-ramp location.

18. Zeckendorf Boulevard and Parkway Southbound to Westbound Off-Ramp (Interchange M2)

a. Year 2007 Existing Traffic Conditions

Unsignalized Intersection Capacity Analyses with the Year 2007 Existing Traffic Volumes indicate that the southbound right turn operates at LOS "c" during the Peak AM Highway Hour, LOS "d" during the Peak PM Highway Hour and at LOS "e" during the Peak Saturday Shopper Hour.

b. Year 2009 No-Build Traffic Conditions

Unsignalized Intersection Capacity Analyses with the Year 2009 No-Build Traffic Volumes indicate that the southbound right turn will operate at LOS "d" during the Peak AM Highway Hour, LOS "e" during the Peak PM Highway Hour and at LOS "f" during the Peak Saturday Shopper Hour.

c. Year 2009 Build Traffic Conditions

Unsignalized Intersection Capacity Analyses with the Year 2009 Build Traffic Volumes indicate that the southbound right turn will operate at LOS "d" during the Peak AM Highway Hour, LOS "e" during the Peak PM Highway Hour and at LOS "f" during the Peak Saturday Shopper Hour. No improvements are proposed for this location.

There are no improvements proposed for this intersection.

19. Zeckendorf Boulevard and Roosevelt Field Mall Ring Road

a. Year 2007 Existing Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2007 Existing Traffic Volumes indicate that the intersection operates at LOS "B" during the Peak AM Highway Hour and at LOS "C" during both the Peak PM Highway Hour and the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

b. Year 2009 No-Build Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2009 No-Build Traffic Volumes indicate that the intersection will operate at LOS "B" during the Peak AM Highway Hour and at LOS "C" during both the Peak PM Highway Hour and the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS.

c. Year 2009 Build Traffic Conditions

Signalized Intersection Capacity Analyses with the Year 2009 Build Traffic Volumes indicate that the intersection will operate at LOS "B" during the Peak AM Highway Hour, LOS "C" during the Peak PM Highway Hour and at LOS "D" during the Peak Saturday Shopper Hour. Levels of Service of the individual movements will vary as shown on Exhibit Nos. 35 through 40 of the TIS. No improvements are proposed for this location.

There are no improvements proposed for this intersection.

December Conditions

To evaluate December conditions in the vicinity of the site, manual counts were undertaken at two locations; Old Country Road and Zeckendorf Boulevard, and at Zeckendorf Boulevard and Corporate Drive. The counts were performed during a weekday peak afternoon period and on a Saturday peak midday period on Friday, December 8, 2006 from 3:00 p.m. to 7:00 p.m., and on Saturday, December 9, 2006 from 12:00 noon to 4:00 p.m.

The trip generations for the retail portion of the proposed redevelopment were estimated based on the ITE "Trip Generation Manual Shopping Center – Christmas Season." A summary of the trip generation is attached in Appendix J of the TIS (see Appendix C of this DEIS). The proposed redevelopment is expected to generate 1,129 Christmas Season trips (512 entering and 618 exiting) during the Peak PM Highway Hour and 1,308 Christmas Season trips (705 entering and 603 exiting) during the Peak Saturday Shopper Hour.

A summary of the signalized intersection capacity analysis for the December conditions follows:

1. **Old Country Road and Zeckendorf Boulevard/Private Driveway**

   Signalized Intersection Capacity Analyses with the Year 2009 Build December Traffic Volumes indicate that the intersection will operate at LOS "C" during the Peak PM Highway Hour and at LOS "D" during the Peak Saturday Shopper Hour.

2. **Zeckendorf Boulevard and Corporate Drive**

   Signalized Intersection Capacity Analyses with the Year 2009 Build December Traffic Volumes indicate that the intersection will operate at LOS "C" during the Peak PM Highway Hour and at LOS "E" during the Peak Saturday Shopper Hour.

The traffic volume projections and capacity analyses are attached in Appendix J of the TIS (see Appendix C of this DEIS).

Parking Analysis

The proposed project is a mixed-use development consisting of retail uses, one hotel, a furniture store, office space and four restaurants. The mixed-use components of the project provide variations in the parking accumulation by hour, day, and season. In addition, a mixed-use development results in multi-purpose activity wherein a patron will visit different land use components during the same auto trip. These conditions result in a shared parking situation, which allows the use of one parking space to serve two or more distinct land uses without conflict or encroachment.

The Urban Land Institute ("ULI") has published a "Shared Parking" manual (2005), which provides a basis to evaluate shared parking characteristics of mixed-use projects, to determine the actual peak parking requirement of the overall project, as opposed to summation of the parking demand of the individual uses.

Parking Accumulations

The parking accumulations for each component of the proposed mixed-use project were estimated from data published by the ITE and the ULI. The parking accumulations were determined for typical weekday and Saturday conditions, and for December weekday and Saturday Conditions. The parking accumulations for each component of the mixed-use project are shown on Exhibit Nos. 41 through 44 of the TIS and are presented graphically in Appendix I of the TIS (see Appendix C of this DEIS).

The hourly parking accumulations for the various components of the mixed-use project were combined to reflect the Shared Parking basis of the proposed project. The combined Shared Parking Accumulations are shown on Exhibit Nos. 45 through 48 of the TIS for the typical weekday and Saturday, as well as for the December weekday and Saturday.

The Shared Parking evaluation reveals peak parking demands as follows:

- 1,277 vehicles between 12:00 Noon and 1:00 p.m. on a typical weekday;
- 898 vehicles between 12:00 Noon and 1:00 p.m. on a typical Saturday;
- 1,402 vehicles between 12:00 Noon and 1:00 p.m. on a December weekday; and
- 1,032 vehicles between 12:00 Noon and 1:00 p.m. during a December Saturday.

Based on the Shared Parking Evaluation, the anticipated peak parking demand for the proposed mixed-use development will occur between 12:00 Noon and 1:00 p.m. during a December Weekday, when 1,402 parked vehicles are anticipated. The proposed site plan includes 1,608 parking spaces, which is more than adequate to accommodate the anticipated peak parking demand of 1,402 vehicles.

Accident Analyses

Accident data covering the last available three year period (2002 to 2004) was received from the Nassau County Police Department. The accident summary is attached in Appendix K of the TIS (see Appendix C of this DEIS).

Except for the intersections of (1) Old Country Road at Zeckendorf Boulevard, and (2) Old Country Road at the M1 interchange of the Meadowbrook Parkway, there are no apparent significant trends in traffic accidents at the study locations.

1. The intersection of Old Country Road and Zeckendorf Boulevard experienced a total of 222 accidents during the three year study period. The developer proposes to construct an additional lane on eastbound Old Country Road. The additional lane will serve as an exclusive right turn lane for eastbound Old Country Road traffic destined to southbound Zeckendorf Boulevard. The provision of the additional lane will separate the through movement from the right turn movement, which will reduce vehicular conflicts and improve traffic safety.

2. The intersection of Old Country Road at the M1 Meadowbrook Parkway interchange experienced a total of 302 accidents during the three year study period. The developer proposes to install a traffic signal to control the Old Country Road westbound to Parkway southbound movement. The existing unsignalized arrangement requires the left turn traffic to cross four lanes of eastbound traffic, which is a difficult and unsafe movement. The traffic signal control will eliminate the existing unprotected and unsafe left turn arrangement which will reduce vehicular conflicts and improve traffic safety.

Fair Share Contribution

The fair share contribution for the proposed action was calculated by comparing the site-generated traffic to the total projected Build Traffic Volumes. The methodology used in estimating fair share percentages utilizes the traffic movements in the M1 and M2 interchanges that accommodate site-generated traffic. The movements not used by the site-generated traffic and those movements which will not be impacted by the proposed improvement were excluded from the calculations. The highest fair share percentage at all three locations occurs during the Peak AM Highway Hour when the total volume on the road is much lower than during the other two peak hours.

M1 Interchange

- For the proposed improvement on the west side of the interchange, only the Parkway southbound to eastbound ramp traffic, and the traffic traveling eastbound along Old Country Road were considered. The proposed signal installation at that westbound to southbound intersection will control the left turn movement and the eastbound through movements (the westbound through movement will not be under signal control). The site-generated trips were compared to the ramp and through volumes. During the Peak AM Hour. The subject site, developed as proposed, will generate 123 vehicle trips out of a total 1536, resulting in the highest peak hour percent increase at this location (8.0 percent).

- For the proposed improvement on the east side of the interchange, only the northbound to eastbound ramp volume was considered. The site generated trips on the ramp were compared to the total project right turn volumes. During the Peak AM Hour the site will generate 25 vehicle trips out of a total 138, resulting in the highest peak hour percent increase at this location (18.1 percent).

M2 Interchange

- At the intersection of Zeckendorf Boulevard and the northbound Parkway On-Ramp, the total site generated traffic on Zeckendorf Boulevard was compared to the total projected Build Traffic Volumes. During the Peak AM Hour the site will generate 102 vehicle trips out of a total 1,315, resulting in the highest peak hour percent increase at this location (7.8 percent).

Exhibit No. 52 of the TIS includes the proposed M1 and M2 interchange improvements, the estimated costs of the improvements, and the proposed fair share portion. It should be noted that weekday Peak AM Highway Hour generations were used to determine the Avis fair share portion, as the site generated trips comprised the highest peak hour percentage of traffic during the weekday AM peak hour:

Proposed Fair Share Contribution

Exhibit No. 52 of the TIS shows the fair share contribution is $83,500. It is noted that this contribution is in addition to the roadway improvements along the site frontage of Old Country Road and other driveway locations.

The application of the fair share contribution will be decided by NYSDOT and Nassau County. A meeting will be scheduled with these agencies to determine specific improvements to be implemented with the proposed contribution.

Findings

Analyses of the levels of service ("LOS") during the AM peak hour, PM peak hour and Saturday peak hour for the Existing, No-Build and Build Conditions were performed to identify the impact of the proposed redevelopment. The results of the analyses for the Year 2009 Build Traffic Conditions are briefly summarized below:

- The intersection of Old Country Road and East Gate Boulevard/Mitchell Avenue will operate at LOS "A" during the Peak AM Highway Hour, at LOS "D" during the Peak PM Highway Hour, and at LOS "C" during the Peak Saturday Shopper Hour. It is proposed to provide an additional left turn lane on the northbound approach and modify the traffic signal phasing, to improve overall operating conditions;

- The applicant will provide an additional eastbound lane on Old Country Road along the entire frontage of the property. With the additional lane, the intersection of Old Country Road and Cherry Lane/Site Driveway will operate at LOS "A" during the Peak AM Highway Hour and at LOS "C" during both the Peak PM Highway Hour and Peak Saturday Shopper Hour;

- The proposed New Site Driveway on Old Country Road (right turn in and right turn out) will operate at LOS "a" during the Peak AM Highway Hour and at LOS "b" during both the Peak PM Highway Hour and Peak Saturday Shopper Hour;

- With the additional eastbound lane on Old Country Road, the intersection of Old Country Road and Zeckendorf Boulevard/Private Driveway will operate at LOS "A" during the Peak AM Highway Hour, LOS "C" during the Peak PM Highway Hour and at LOS "D" during the Peak Saturday Shopper Hour;

- The STOP controlled minor movements at the intersection of Zeckendorf Boulevard and Shopping Center Driveway/Proposed New Site Driveway will experience long delays during the Peak PM Highway Hour and the Peak Saturday Shopper Hour. The installation of a traffic signal will eliminate the delays; however, the projected traffic volumes do not meet the traffic signal warrant requirements for the installation of a signal. The developer has agreed to monitor traffic conditions at this location, and to perform a Traffic Signal Warrant Study when the project is open and fully occupied. The developer will be responsible for the installation of a traffic signal when warrants are met, and appropriate governmental approvals are obtained;

- The minor STOP controlled movements at the intersection of Zeckendorf Boulevard and Transverse Drive will experience long delays during the Peak PM Highway Hour and Peak Saturday Shopper Hour. The installation of a traffic signal will eliminate the delays; however, the projected traffic volumes do not meet the traffic signal warrant requirements for the installation of a signal;

- The intersection of Zeckendorf Boulevard and Corporate Drive will operate at LOS "B" during the Peak AM and Peak PM Highway Hours and at LOS "C" during the Peak Saturday Shopper Hour;

- The intersection of Zeckendorf Boulevard and Dibblee Drive will operate at LOS "A" during the Peak AM Highway Hour, LOS "B" during the Peak PM Highway Hour and at LOS "E" during the Peak Saturday Shopper Hour. It is proposed to modify the traffic signal phasing, which will provide LOS "D" during the Peak Saturday Shopper Hour;

- The Intersection of Zeckendorf Boulevard and East Gate Boulevard will operate at LOS "A" during the Peak AM Highway Hour and at LOS "C" during both the Peak PM Highway Hour and Peak Saturday Shopper Hour;

- Traffic exiting the south site driveway at East Gate Boulevard will operate at LOS "b" during the Peak AM Highway Hour; LOS "c" during the Peak PM Highway Hour, and at LOS "d" during the Peak Saturday Shopper Hour. Traffic exiting North Avenue will operate at LOS "b" during the Peak AM Highway Hour and at LOS "c" during both the Peak PM Highway Hour and Peak Saturday Shopper Hour;

- Traffic exiting the north site driveway at East Gate Boulevard will operate at LOS "b" during the Peak AM Highway Hour and at LOS "c" during both the Peak PM Highway Hour and Peak Saturday Shopper Hour;

- At the Meadowbrook Parkway M1 interchange the left turn movement from westbound Old Country Road to southbound Parkway will experience long delays during all peak hours. It is proposed to install a traffic signal to improve existing operating conditions and traffic safety;

- The southbound off-ramp to eastbound Old Country Road will experience delays during the Peak AM Highway Hour, Peak PM Highway Hour and Peak Saturday Shopper Hour. The proposed traffic signal at the southbound entry ramp will create gaps which will reduce delays for this movement. The southbound off-ramp to westbound Old Country Road will experience delays during the Peak AM Highway Hour and Peak PM Highway Hour and will operate at LOS "d" during the Peak Saturday Shopper Hour;

- The intersection of Old Country Road and the Parkway northbound off-ramp/Byrd Avenue will operate at LOS "D" during all peak hours; however, the stacking on the ramp extends to the main line of the Parkway during peak periods. It is proposed to widen the off-ramp in order to increase the storage of the off-ramp approach to prevent spillover of traffic onto the Parkway main line; and

- At the Meadowbrook Parkway M2 interchange, the Parkway northbound off-ramp to westbound Zeckendorf Boulevard and the Zeckendorf Boulevard eastbound approach to the Parkway northbound on-ramp will experience delays during all peak hours. The Synchro analysis and traffic simulation reveal that the eastbound to northbound on-ramp is creating a gridlock on Zeckendorf Boulevard which impacts the entire interchange. To alleviate this congestion it is proposed to eliminate the eastbound to northbound loop-ramp and accommodate this movement on the westbound to northbound on-ramp at a new signalized intersection.

Proposed Improvements

Based on the traffic analyses performed by VMI-Maris, the following actions are recommended to enhance the flow of traffic in the vicinity of the site and mitigate the effects of the additional site traffic:

Old Country Road / East Gate Boulevard / Mitchell Avenue

- Provide an additional northbound left turn lane; modify signal phasing.

Old Country Road between East Gate Boulevard and Zeckendorf Boulevard

- Provide an additional eastbound lane.

Zeckendorf Boulevard / New Site Driveway

- Install a traffic signal when signal warrants are met and governmental approvals are obtained.

Zeckendorf Boulevard / Dibblee Drive

- Modify traffic signal phasing.

Fair Share Contribution

- The applicant will make a fair share contribution for improvements at the Meadowbrook Parkway M1 and/or M2 interchanges.

Conclusions

Based on the detailed traffic analyses performed as part of the TIS (see Appendix C), with the implementation of the proposed traffic improvements, the proposed redevelopment of the subject property can be adequately accommodated by the surrounding roadway system, and would not result in significant adverse traffic impacts. In addition, the proposed parking would adequately accommodate the estimated peak Shared Parking demand for the mixed-use project.

4.5 AIR QUALITY

Introduction

RTP Environmental Associates, Inc. performed an air quality study to evaluate the potential impacts on air quality resources that may result upon implementation of the proposed action. The air quality study evaluated the potential impacts during and after construction. The air quality analysis presented below is divided into traffic related impacts, impacts associated with the construction of the proposed project and impacts associated with the operation of the proposed project. The traffic impacts dominate the analysis since these have traditionally caused the most concern. Relevant excerpts of the potential air quality impacts analyses are summarized herein, and the Air Quality Technical Report is included in its entirety in Appendix D of this DEIS.[14]

Traffic Related Impact Methodology

The proposed project is expected to generate emissions of CO, NO_x, VOCs, PM_{10} and $PM_{2.5}$, which are associated primarily with project related traffic. Thus, an air quality analysis was performed to determine traffic related impacts at various traffic intersections surrounding the proposed traffic site. Evaluation of air quality impacts included existing conditions (2007) and 2009 Build and No Build (Build year without the project) traffic conditions for the Saturday Peak hour (mid-day). The Saturday peak hour traffic conditions are normally considered worst-case for developments of this type. At some intersections and interchanges, traffic improvements are proposed under the Build scenario. Therefore, Build with Improvements traffic condition scenario was evaluated at locations with proposed traffic improvements. Traffic improvements are explained in detail in the traffic evaluation section of the DEIS.

The air quality analysis is based only on Saturday Peak traffic conditions since data for other traffic periods (AM, PM and weekday daytime Peak), provided lower traffic volumes according to the traffic engineering data.

[14] This air quality analysis used the results of the Traffic Impact Study dated April 2008. As requested by Frederick P. Clark, as consultant to the Town, the Traffic Impact Study has been revised. However, such revisions do not alter the conclusions of the air quality analysis.

There are two types of traffic related air quality analyses that can be required for a proposed project of this type; microscale analysis and mesoscale analysis. The NYSDOT EPM, Chapter 1.1 (January 2001), details the criteria for determining if a project requires either air quality analysis. A microscale analysis focuses on CO, PM_{10} and $PM_{2.5}$ impacts, where as a mesoscale analysis focuses on VOC and NO_x as well as PM and CO impacts.

Determination of Level 1 Carbon Monoxide Microscale Analysis

Traffic related CO impacts are typically localized, and therefore, high CO concentrations are generally limited to within a relatively short distance of busy roadways. Consequently, the CO air quality analysis is designed to predict concentrations on a localized (microscale) basis. The determination for a required microscale analysis for roadway intersections containing project related traffic is based on the consideration of various criteria. The criteria are evaluated in the form of an extensive 3-step screening process. The 19 study intersections or interchanges were evaluated (see Table 18).

Table 18 - Level of Service (LOS) Screening Analysis

Signalized Intersections		
	Intersection	Build
		LOS
1	Old Country Road @ East Gate Boulevard/Mitchell Drive	D
2	Old Country Road @ Cherry Lane/Site Driveway	C
3	Old Country Road @ Zeckendorf Boulevard	D
4	Zeckendorf Boulevard @ Corporate Drive	D
5	Zeckendorf Boulevard @ Dibblee Drive	D
6	Zeckendorf Boulevard @ East Gate Boulevard	C
7	Zeckendorf Boulevard @ Roosevelt Field Mall Ring Road	D

Unsignalized Intersections		
	Intersection	Build
		LOS
8	Old Country Road @ Proposed Site Driveway	B
9	Zeckendorf Boulevard @ Proposed Site Drwy./Shopping Center Drwy.	F*
10	Zeckendorf Boulevard @ Transverse Drive	F*
11	East Gate Boulevard @ North Avenue/South Site Driveway	D*
12	East Gate Boulevard @ North Site Driveway	C*

Unsignalized Interchanges		
	Interchange	Build
		LOS
13	Old Country Road @ Parkway SB On-Ramp (Interchange M1)	B
14	Old Country Road @ Parkway SB Off-Ramp (Interchange M1)	F*
15	Old Country Road @ Parkway NB Off-Ramp/Byrd Avenue (Interchange M1)	D
16	Zeckendorf Boulevard and Parkway NB On-Ramp from WB Zeckendorf Boulevard (Interchange M2)	B
17	Zeckendorf Boulevard and Parkway NB Off-Ramp to WB (Interchange M2)	F*
18	Zeckendorf Boulevard and Parkway SB Off-Ramp to EB (Interchange M2)	N/A
19	Zeckendorf Boulevard and Parkway SB Off-Ramp to WB (Interchange M2)	F*

Notes:

* Level of service for intersection not available, worst-case approach level of service used.

- N/A = Level of service for intersection not available due to gridlock conditions.
- Level of service data is for Build year (2009) Saturday peak hour traffic conditions. Data provided by VMI-Maris.
- Intersections with a LOS of D or worse are subject to a capture screening analysis, denoted by shading.
- Intersections with a LOS of C or better do not need a microscale air quality analysis.

Level of Service Screening Analysis

A Level of Service ("LOS") screen is the first screening step in the NYSDOT procedure. The LOS defines the overall traffic operating ability of an intersection (a complete definition of LOS can be found in the Highway Capacity Manual (Transportation Research Board, 2000)). The LOS can range over six categories, A through F, and is based on traffic volume, intersection geometry and signal timing/phasing (if intersection contains traffic signal). Traffic LOS, as provided in Table 18, for each intersection/interchange was provided by the traffic engineers. LOS was calculated for each intersection approach, as well as the intersection as a whole. Only the overall LOS was used in the following LOS screening analysis.

Table 18 lists each intersection with its corresponding LOS for Saturday peak hour traffic conditions. Based on the NYSDOT EPM, intersections with an overall projected LOS of A, B or C under Build conditions are generally excluded from a microscale analysis. Intersections with an overall LOS of D or worse must be further evaluated by additional screening criteria procedures. Intersections in Table 18 depicted by bold text and shading, represent a LOS of D or worse, and therefore, were subject to additional screening.

Capture Criteria Screening Analysis

The capture criteria screening analysis is the second screening step in the NYSDOT procedures. The intersections that have been identified as having a LOS of D, E or F, were subjected to the NYSDOT capture criteria. The capture criteria apply to the difference between No Build to Build traffic conditions at selected intersections. Namely:

1) a 10 percent or more reduction in source receptor distance (meaning the straight line distance between the edge of the travel lane closest to the receptor closest to the roadway);

2) a 10 percent or more increase (Build-No Build) in traffic volume per intersection approach;

3) a 10 percent increase in vehicle emissions due to changes in speed, vehicle mix, etc.;

4) an increase in the number of queued lanes (i.e., the addition of a lane at an intersection that is subject to passing through a traffic signal); and

5) a 20 percent reduction in speed, when the Build estimated average is at 30 mph or less.

If an intersection meets *any* one of the applicable criteria above, the intersection will be subject to a volume threshold screening analysis, the third and final microscale analysis determination.

As proposed, vehicle emissions are not expected to increase from Existing to Build Conditions (NYSDOT, 2004a), and a 20 percent reduction of speed for Build conditions (regardless of roadway speed less than 30 mph) is not expected (based on vehicle speed data obtained from the NYSDEC for 2007 and 2009). Therefore, only capture criteria number 1, 2 and 4 apply to the intersections that have passed through the LOS screening analysis in this case.

Table 19 presents data on each intersection for capture criteria associated with a 10 percent or more reduction in source receptor distance, a 10 percent or more increase in traffic and an increase in the number of queue lanes. Traffic volume data per approach for both the No Build and Build traffic conditions are presented. Intersections that showed an increase in traffic volume of 10 percent or more, per approach, are depicted in bold and shading. It is not expected that any intersections will experience a 10 percent or more reduction in source receptor distance, however, roadway modifications to the northbound side of East Gate Boulevard are proposed, which increase the number of queue lanes. Therefore, the intersection of Old Country Road and East Gate Boulevard/Mitchell Drive is also depicted in bold and shading in Table 19.

Table 19 - Capture Criteria Screening Analysis

Intersection	Build LOS	No Build (2009)				Total No Build Volume	Build (2009)**				Total Build Volume	% Volume Increase Per A			
		EB	WB	NB	SB		EB	WB	NB	SB		EB	WB	NWB	N
@ East Gate Boulevard/Mitchell Drive	D	2809	2435	397	57	5698	3004	2538	417	57	6016	6.5	4.1	4.8	0
@ Zeckendorf Boulevard	D	2825	2346	753	52	5976	2906	2480	781	52	6219	2.8	5.4	3.6	0
ard @ Corporate Drive	D	1758	1054	34	955	3801	1795	1089	34	1009	3927	2.1	3.2	0.0	5
ard @ Dibblee Drive	D	1363	1400	1140	5	3908	1353	1405	1190	5	3953	-0.7	0.4	4.2	0
ard @ Roosevelt Field Mall Ring Road	D	270	2152	1782	1414	5618	270	2220	1866	1414	5770	0.0	3.1	4.5	0
ard @ Proposed Site Drwy./Shopping Center Drwy.	F	0	265	775	615	1655	140	292	889	648	1969	**100.0**	9.2	**12.8**	5
ard @ Transverse Drive	F	482	--	905	687	2074	502	--	999	759	2260	4.0	--	9.4	9
rd @ North Avenue/South Site Driveway	D	63	8	445	342	858	63	44	521	421	1049	0.0	**81.8**	**14.6**	**1**
@ Parkway SB Off-Ramp (Interchange M1)	F	2265	2802	601	496	6164	2382	2897	640	496	6415	4.9	3.3	6.1	0
@ Parkway NB Off-Ramp/Byrd Avenue (Interchange M1)	D	2561	2551	935	93	6140	2717	2677	975	93	6462	5.7	4.7	4.1	0
ard and Parkway NB Off-Ramp to EB (Interchange M2)	F	--	--	692	--	692	--	--	692	--	692	--	--	0.0	
ard and Parkway SB Off-Ramp to EB (Interchange M2)	N/A*	--	--	--	429	429	--	--	--	429	429	--	--	--	0
ard and Parkway SB Off-Ramp to WB (Interchange M2)	F	--	--	--	385	385	--	--	--	385	385	--	--	--	0

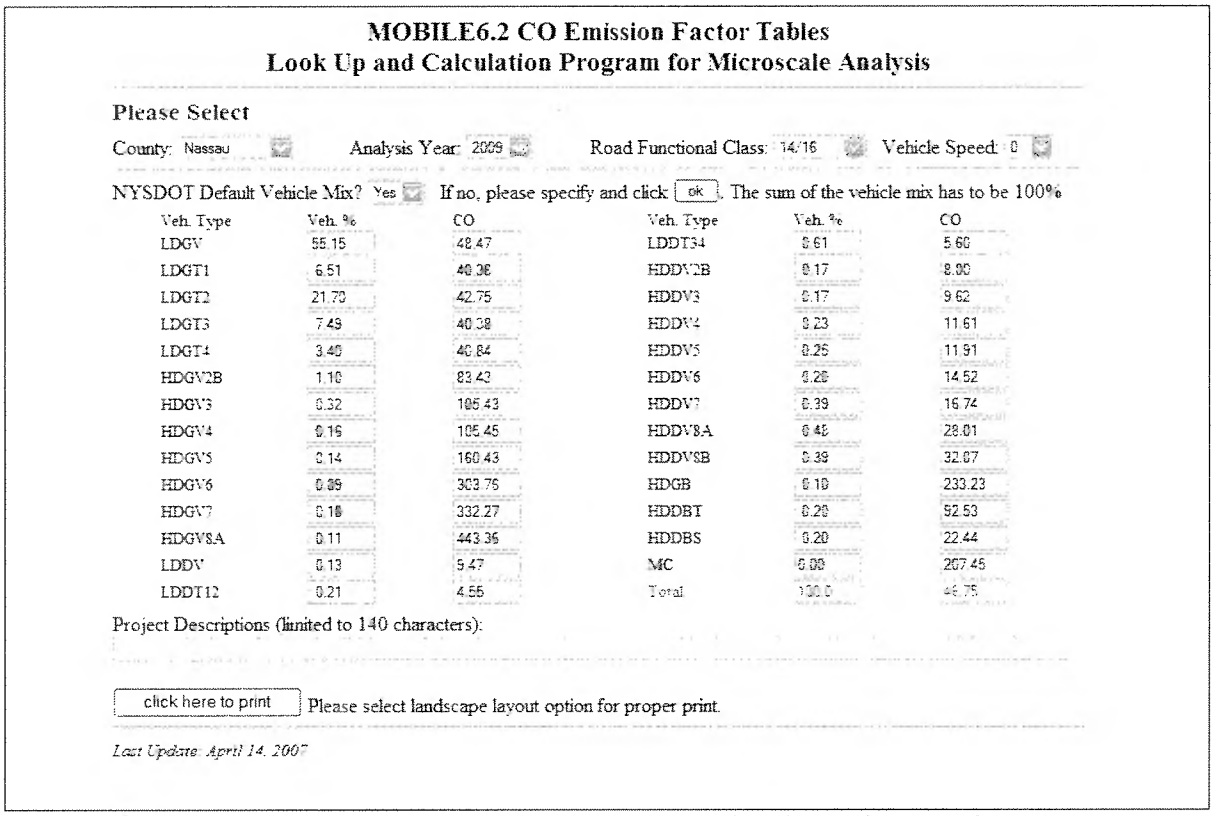
e for intersection not available due to gridlock conditions.
includes roadway configuration improvements.
volume screening analysis was completed using Saturday peak hour traffic volumes only.
epicted in bold and shading exceed the 10% or more increase in approach traffic volume capture criteria threshold, and are therefore subject to additional screening.
n of Old Country Road at East Gate Boulevard/Mitchell Drive will undergo roadway configuration changes that will result in the addition of a queued lane(s).
intersection is subject to additional screening, not only for the project related increase in traffic, but because of the addition of southbound queue lanes.

Volume Threshold Screening Analysis

The volume threshold screening analysis is the third and final screening step. Due to a number of intersections meeting one or more of the applicable capture criteria above, NYSDOT EPM volume and emission factor charts were used to perform a volume threshold screening analysis. The vehicle threshold tables (Tables 3a, 3b and 3c from the NYSDOT EPM) tie the volume threshold with localized emission factors.

The first step is to obtain local vehicle emission rates. Vehicle emission rates for Nassau County were derived from NYSDOT MOBILE6.2 emission factor guidance. The NYSDOT interactive MOBILE6.2 Emission Factor Tables – Look up and Calculation Program for Microscale Analysis was used to obtain Build year (2009) CO vehicular emission rates for Nassau County. Figure 17 shows an example of the interactive NYSDOT MOBILE6.2 Calculation Program. The NYSDOT MOBILE6.2 Calculation Program generates representative composite vehicle emission rates based on the following input parameters: County the project is located in, year the project is expected to be completed (Build year), road functional class and vehicle speeds. The program, in this case, was used to calculate vehicle emission rates by multiplying MOBILE6.2 emission factors for each vehicular type by Nassau County's default vehicle mix fractions. In order to obtain all appropriate emission rates to complete the volume threshold screening analysis, roadway classifications and vehicle speeds were determined for each intersection under consideration. From the three (3) intersections that were screened, roadway types were classified as either urban major arterials, urban minor arterials or urban local roadways (road functional classes 14, 16 and 19, respectively). Since site specific vehicle speeds data were not analyzed by the traffic engineers, Build year speed data for Nassau County were obtained from Mr. Walter Pienta of the NYSDEC - Mobile Source Planning Division (from NYS Mobile Source SIP documentation). Table 20 provides the MOBILE6.2 emission rate calculations per roadway type and vehicle speeds. Idle emission rates (0 mph) were also determined.

Figure 17 - NYSDOT's MOBILE6.2 Interactive Emission Factor Generator



MOBILE6.2 CO Emission Factor Tables
Look Up and Calculation Program for Microscale Analysis

Please Select

County: Nassau Analysis Year: 2009 Road Functional Class: 14/16 Vehicle Speed: 0

NYSDOT Default Vehicle Mix? Yes If no, please specify and click ok. The sum of the vehicle mix has to be 100%

Veh. Type	Veh. %	CO	Veh. Type	Veh. %	CO
LDGV	55.15	48.47	LDDT34	0.61	5.60
LDGT1	6.51	40.36	HDDV2B	0.17	8.00
LDGT2	21.70	42.75	HDDV3	0.17	9.62
LDGT3	7.49	40.38	HDDV4	0.23	11.61
LDGT4	3.40	40.84	HDDV5	0.25	11.91
HDGV2B	1.10	83.42	HDDV6	0.20	14.52
HDGV3	0.32	105.43	HDDV7	0.39	16.74
HDGV4	0.16	105.45	HDDV8A	0.45	28.01
HDGV5	0.14	160.43	HDDV8B	0.39	32.87
HDGV6	0.09	303.75	HDGB	0.10	233.23
HDGV7	0.10	332.27	HDDBT	0.20	52.53
HDGV8A	0.11	443.36	HDDBS	0.20	22.44
LDDV	0.13	5.47	MC	5.08	267.46
LDDT12	0.21	4.55	Total	100.0	46.75

Project Descriptions (limited to 140 characters):

click here to print Please select landscape layout option for proper print.

Last Update: April 14, 2007

Source: (https://www.nysdot.gov/portal/page/portal/divisions/engineering/environmental-analysis/repository/mobile6/co/cotable.html)

Table 20 - Build Year (2009) Carbon Monoxide Vehicle Emission Rates

Vehicle Type	Nassau County Vehicle Distribution (%) RFC 14/16	Nassau County Vehicle Distribution (%) RFC 17/19	CO Emission Factors (g/VMT)*			CO Emission Rates (g/VMT)*		
			All RFC	RFC 14/16	RFC 17/19	All RFC	RFC 14/16	RFC 17/19
			0 mph	18.9/17.9 mph	11.6 mph	0 mph	18.9/17.9 mph	11.6 mph
LDGV	55.15	56.28	48.47	4.65	6.32	26.731	2.564	3.557
LDGT1	6.51	6.64	40.38	4.08	5.55	2.629	0.266	0.369
LDGT2	21.70	22.14	42.75	4.33	5.88	9.277	0.940	1.302
LDGT3	7.49	7.36	40.38	4.08	5.54	3.024	0.306	0.408
LDGT4	3.40	3.33	40.84	4.13	5.60	1.389	0.140	0.186
HDGV2B	1.10	0.77	83.43	9.26	17.74	0.918	0.102	0.137
HDGV3	0.32	0.22	105.43	11.70	22.42	0.337	0.037	0.049
HDGV4	0.16	0.11	105.45	11.71	22.42	0.169	0.019	0.025
HDGV5	0.14	0.10	160.43	17.81	34.11	0.225	0.025	0.034
HDGV6	0.09	0.06	303.76	33.72	64.59	0.273	0.030	0.039
HDGV7	0.10	0.07	332.27	36.88	70.65	0.332	0.037	0.049
HDGV8A	0.11	0.07	443.36	49.22	94.28	0.488	0.054	0.066
LDDV	0.13	0.13	9.47	1.16	2.13	0.012	0.002	0.003
LDDT12	0.21	0.21	4.55	0.56	1.03	0.010	0.001	0.002
LDDT34	0.61	0.60	5.60	0.69	1.26	0.034	0.004	0.008
HDDV2B	0.17	0.11	8.00	0.98	1.80	0.014	0.002	0.002
HDDV3	0.17	0.12	9.62	1.18	2.16	0.016	0.002	0.003
HDDV4	0.23	0.16	11.61	1.42	2.61	0.027	0.003	0.004
HDDV5	0.25	0.17	11.91	1.46	2.68	0.030	0.004	0.005
HDDV6	0.20	0.14	14.52	1.78	3.27	0.029	0.004	0.005
HDDV7	0.39	0.27	16.74	2.05	3.77	0.065	0.008	0.010
HDDV8A	0.48	0.33	28.01	3.44	6.31	0.134	0.017	0.021
HDDV8B	0.39	0.27	32.07	3.94	7.22	0.125	0.015	0.019
HDGB	0.10	0.07	233.23	25.89	49.59	0.233	0.026	0.035
HDDBT	0.20	0.13	92.53	11.35	20.83	0.185	0.023	0.027
HDDBS	0.20	0.13	22.44	2.75	5.05	0.045	0.006	0.007
MC	0.00	0.00	207.45	11.21	22.96	0.000	0.000	0.000
			Total Composite Emission Rates:			**46.75**	**4.64**	**6.37**

Notes:

* All emissions data are in g/VMT (grams per vehicle mile traveled) except for 0 mph idle emission factors, which are in g/h (grams per hour). Emission rates equal emission factors multiplied by vehicle distribution.

- Vehicle distribution and emission factor data obtained from NYSDOT's MOBILE6.2 CO Emission Factor Tables Look Up and Calculation Program for Microscale Analysis Web Applications (https://www.nysdot.gov/portal/page/portal/divisions/engineering/environmental-analysis/repository/mobile6/pm/pmtable.html).
- Default Nassau County vehicle distributions were used in the analysis.
- RFC = Road Functional Class. 14/16 represents urban major and minor arterials and 17/19 represents urban collectors and local roadways.
- Vehicle speeds are for Nassau County, urban, midday (Saturday) traffic conditions. Data received from the NYSDEC - Office of Mobile Source Planning.
- NYSDOT's Online MOBILE6.2 CO Emission Factor Tables provided in Attachment 2 of the Air Quality Study.

The next step in the volume threshold screening process is to determine the threshold volumes that match the worst-case emission rates for the Build year (2009) that were established in the previous step. From Table 20, the worst-case free-flow emission rate of 6.37 grams/mile (16.2 mph) and the queue (idle) emission factor of 46.75 grams/hour (0 mph) were used to determine volume thresholds.

Tables 3a-3c in the NYSDOT EPM provide threshold volumes for various sets of free-flow and queue emission rates for both signalized and unsignalized intersections. Table 3b applies to unsignalized intersections and represents threshold volumes for the intersection total (total intersection traffic) and Table 3c applies to signalized intersections and represents threshold volumes for any single approach (e.g. total eastbound traffic). Since NYSDOT EPM Table 3 provides emission rates in 2.5 grams/mile increments, the estimated worst-case free-flow emission rate of 6.37 grams/mile will be adjusted to the applicable emission rate of 7.5 grams/mile. For the estimated idle emission factor of 46.75 grams/hour, the applicable emission rate for comparison would be 100.0 grams/hour since 100 grams/hour is the lowest idle emission factor in NYSDOT EPM Table 3c. Therefore, the volume threshold for a free-flow emission rate of 5.0 grams/vehicle and a queue emission rate of 100 grams/hour is 4,000 vehicles per approach for signalized intersections and 8,000 vehicles for all approaches combined for unsignalized intersections.

The final step of the volume threshold screening analysis is to compare the 4,000 vehicle per approach threshold with the predicted Build Condition traffic volumes for each signalized intersection approach (8,000 vehicles total for un-signalized intersections). Table 21 presents predicted Build traffic conditions for each approach for the three (3) intersections screened. The approach volumes projected per intersection were compared with the threshold approach volume of 4,000 vehicles for the signalized intersections and the threshold volume of 8,000 (total) vehicles for the un-signalized intersection to see if a microscale CO analysis was needed for that intersection. If any one of the intersection approaches meets or exceeds the applicable volume threshold, a CO impact assessment is necessary.

Table 21 - Volume Threshold Screening Analysis

Intersection	Roadway Type	Build Year Speeds for Nassau County (mph)	Emission Factors		Threshold Volume* (per approach)	Build w/Improvements (2009) Volume per Approach				Total Volume
			Free-Flow**	Queued		EB	WB	NB	SB	
Old Country Road @ East Gate Boulevard/Mitchell Drive	14/16-19	18.9/17.9-11.6	4.64/6.37	46.75/46.31	4000	3004	2538	417	57	6016
Zeckendorf Boulevard @ Proposed Site Drwy./Shopping Center Drwy.	16/19	17.9/11.6	4.64/6.37	46.75/46.31	4000	140	292	889	648	1969
East Gate Boulevard @ North Avenue/South Site Driveway	16/19	17.9/11.6	4.64/6.37	46.75/46.31	4000	63	44	521	421	1049

Notes:

- Volume threshold screening analysis was completed using Saturday peak hour traffic conditions only.
- Suffolk County speed data obtained from NYSDEC, Office of Mobile Source Planning.
- Emission factor data obtained from NYSDOT's MOBILE6.2 CO Emission Factor Tables Look Up and Calculation Program for Microscale Analysis Web Application (http://www.dot.state.ny.us/eab/tools/mobile6/co/cotable.html).

* Data obtained from NYSDOT EPM Mobile6.2 Lookup Tables - Tables 3b and 3c.

** The higher of the two emission factors was chosen to determine the Threshold Volume value. Since only emission factors in intervals of 2.5 g/mile are provided in EPM Manual Table 3, an emission factor of 7.5 g/mile was utilized for all intersections.

*** This Volume Threshold is based on total peak hour intersection traffic volume and not individual approach volumes.

Table 21 shows that none of the Build traffic approach volumes exceeded the volume thresholds. Therefore, all intersections passed the screening analysis, meaning, none of the intersections required a microscale CO impact analysis. Nevertheless, one intersection was chosen for CO modeling to ensure that applicable CO air quality standards will not be exceeded.

The intersection of Old Country Road at East Gate Boulevard/Mitchell Drive was selected for CO modeling based on its proximity to the project site, high overall traffic volume, and substantial increases in traffic volume from current levels to proposed Build levels. Figure 18 shows this intersection in relation to the project site.

The CO microscale analysis for this intersection included the worst-case scenario of the Existing (2007), No Build (2009) and Build with traffic improvements (2009) and, therefore, the analysis estimated the maximum CO levels expected for the proposed project. Since traffic engineering data for the Saturday peak hour presented a worst-case traffic air quality scenario (i.e. poor level of service, high traffic volumes, etc.), the microscale analysis for this intersection was only performed for Saturday peak traffic conditions. Saturday peak hour traffic engineering details for the intersection of Old Country Road at East Gate Boulevard/Mitchell Drive are presented in Attachment 1.

CO Microscale Analysis

A CO microscale air quality analysis requires the use of a predictive model for air pollutant emissions associated with the mobile sources being evaluated. As stated earlier, the current emissions model recommended by the NYSDEC and NYSDOT is MOBILE6.2. MOBILE6.2 emission factors were obtained through the NYSDOT's interactive emission factor generator, as discussed above. Generated emission factors were checked with MOBILE6 Emission Factor Table EFI from the NYSDOT's EPM for quality control purposes.

ORTHOIMAGE SOURCE:
NYSGIS CLEARINGHOUSE

Location of property is approximate and should not be used to find exact coordinates.

0 400 800 1,600 Feet

RTP Environmental Associates, Inc.
400 Post Avenue
Westbury, NY 11590
P:(516) 333-4526 F:(516) 333-4571

FIGURE 18

AERIAL VIEW OF
ANALYZED INTERSECTION

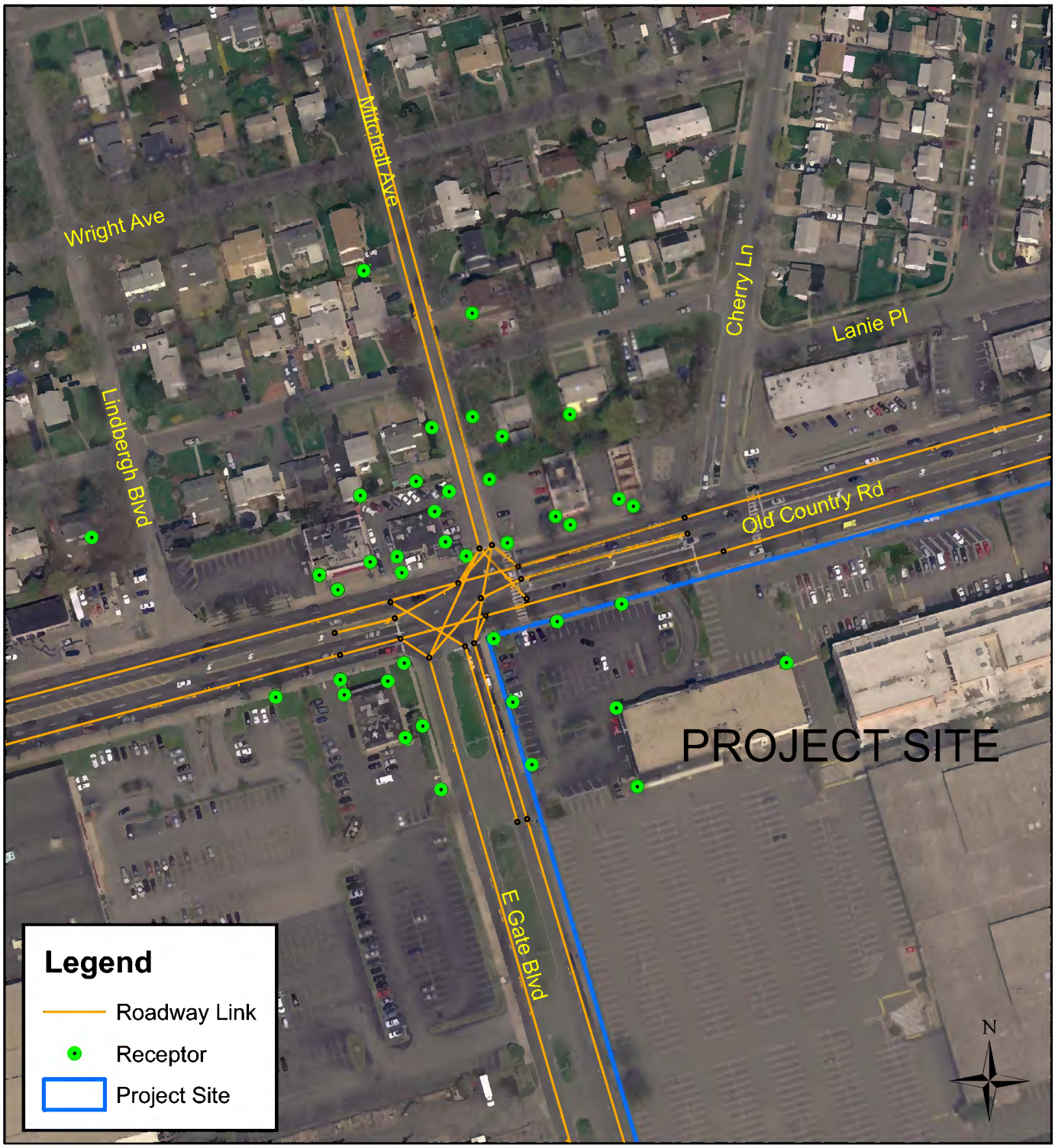
SIMON PROPERTY GROUP, INC.
AVIS PROPERTY REDEVELOPMENT

TOWN OF HEMPSTEAD, NEW YORK

Emission factors were generated for Existing (2007) traffic conditions and No Build and Build with improvements (2009) traffic conditions (see Attachment 2 of the Air Quality Technical Report in Appendix D of this DEIS). Parameters used to generate site specific emission factors for the intersection of Old Country Road at East Gate Boulevard/Mitchell Drive include; default Nassau County vehicle class distributions, urban roadway classifications (Classes 14, 16 and 19) and vehicle speeds for daytime (Saturday peak) traffic conditions. Saturday (daytime) Nassau County traffic speeds were obtained for 2007 and 2009 from the NYSDEC Mobile Source Planning Division (NYSDEC, 2005).

The atmospheric dispersion model recommended for use in this project by the NYSDEC and NYSDOT was CAL3QHC. CAL3QHC Version 2 (dated 04244) is an approved USEPA mobile source air dispersion model. CAL3QHC is a line source dispersion model for evaluating transportation related air quality impacts. The model applies Gaussian diffusion theory and uses standardized meteorological conditions and vehicle roadway and receptor configurations to provide estimates of hourly concentrations for the pollutant(s) of interest. CAL3QHC is a refined screening method, and therefore, provides conservative estimates of air quality concentrations. A more refined version of the model (CAL3QHCR) is available if predicted concentration impacts exceed applicable air quality standards for CO.

The dispersion model was configured to conservatively estimate air quality impacts for existing traffic conditions (2007), future conditions without the project (No Build 2009) and future conditions with the project and roadway improvements (Build 2009). The model has standardized default assumptions in addition to user supplied data. Figure 19 provides an aerial layout of the existing various individual roadway links and receptor configuration for the Old Country Road at East Gate Boulevard/Mitchell Drive intersection. As mentioned earlier, roadway improvements are expected for the Build case. Therefore, the intersection layout and signal timing will vary slightly from Existing and the No Build traffic scenarios.



ORTHOIMAGE SOURCE:
NYSGIS CLEARINGHOUSE

Location of property is approximate and should not be used to find exact coordinates.

0 75 150 300 Feet

RTP Environmental Associates, Inc.
400 Post Avenue
Westbury, NY 11590
P:(516) 333-4526 F:(516) 333-4571

FIGURE 19

EXISTING INTERSECTION MODELING LAYOUT

SIMON PROPERTY GROUP, INC.
AVIS PROPERTY REDEVELOPMENT

TOWN OF HEMPSTEAD, NEW YORK

The specific period of the day analyzed for the intersection was based on total traffic (vehicles per hour) and overall congestion. Based on traffic engineering data, Saturday (daytime peak hour) represented a worst-case traffic and congestion scenario, and therefore, only Saturday peak hour traffic volumes were used to determine worst-case air quality conditions.

Results of Air Impact Analysis

The anticipated air quality impacts were estimated using the same models used to evaluate existing conditions. Traffic data were developed for a future year 2009 signifying project completion. For the year 2009, two model scenarios were run at Old Country Road at East Gate Boulevard/Mitchell Drive, one with projected 2009 traffic volumes only (No Build Case) and one with project traffic added to the projected 2009 traffic volumes (Build with Improvements Case). As mentioned earlier, traffic improvements are proposed at this intersection, which include the addition of a northbound (NB) queue lane and signal timing changes. Therefore, the Build with Improvements Case was modeled using a different roadway configuration then both the Existing and No Build traffic scenarios.

For carbon monoxide, the Federal and State 1-hour standard is 35 parts per million ("ppm") and the 8-hour standard is 9 ppm. As indicated in Table 22, the peak combined CO 1-hour value, 4.8 ppm, occurred at a sidewalk receptor on the northeast corner of the intersection, which is well below the 35 ppm Federal and State air quality standard. The peak 8-hour combined traffic and background value, 3.4 ppm, occurred at the same sidewalk receptor location, which is well below the current Federal and State 8-hour standard of 9 ppm.

The maximum expected CO impact for the year 2009 with the proposed project traffic included or the Build Case (which also includes proposed traffic improvements). The 1-hour (rolled-back) background value was added to the projected traffic impacts with the project to yield a value of 5.2 ppm for the worst case sidewalk receptor. This value is again well below the 35 ppm one-hour Federal and State CO standard. The peak combined 8-hour value is 3.7 ppm. This value is also well below the Federal and State ambient 8-hour standard for CO.

Table 22 - One-Hour and 8-Hour Carbon Monoxide Concentrations - Projected

Old Country Road @ East Gate Blvd/Mitchell Drive	**1-Hour Background**	**Project 1-Hour Maximum CO Impact**	**Combined Peak 1-Hour CO Impact**	**1-Hour NAAQS Standard**
Existing Traffic (2007)	2.6	2.5	5.1	35
No Build Traffic (2009)	2.7	2.1	4.8	35
Build w/Improvements Traffic (2009)	2.7	2.5	5.2	35
Old Country Road @ East Gate Blvd/Mitchell Drive	**8-Hour Background**	**Project 8-Hour Maximum CO Impact**	**Combined Peak 8-Hour CO Impact**	**8-Hour NAAQS Standard**
Existing Traffic (2007)	1.8	1.8	3.6	9
No Build Traffic (2009)	1.9	1.5	3.4	9
Build w/Improvements Traffic (2009)	1.9	1.8	3.7	9

Notes:

- All values are in parts per million (ppm).
- NYSDOT Environmental Procedures Manual (EPM) value for Nassau County. EPM rollback method used to calculate existing and Build year background levels.
- 8-hour maximum impact was computed by multiplying the 1-hour impact by 0.7 (NYSDOT Environmental Procedures Manual).

Based on the air quality analysis, the air quality levels under the proposed action in the vicinity of the intersection of Old Country Road at East Gate Boulevard/Mitchell Drive are expected to be very similar to current air quality levels. This would likely be the case not only at this intersection, but along the entire roadway network surrounding the project site. Thus, no significant adverse impacts associated with CO emissions would be expected.

Assessing the Impacts of Fine Particulate and Other Vehicle Emissions

The NYSDEC issued on December 29, 2003 a policy memorandum CP-33 on fine particulate matter, $PM_{2.5}$. Whenever an application for a permit or major permit modification is reviewed under SEQRA, the NYSDEC or NYSDOT policy applies. The lead agency staff is directed to evaluate the potential for significant adverse impacts resulting from the emission of fine particulate matter during the operation of the proposed project. If potential operational emissions including mobile and stationary sources exceed a threshold of 15 tons per year, the applicant is required to employ reasonable and necessary mitigative measures to limit emissions to the maximum practicable extent. A project-related fine particulate matter (both PM_{10} and $PM_{2.5}$) air quality analysis has been developed and is provided below.

PM_{10} and $PM_{2.5}$ Microscale Analyses

Common sources of fine particulate matter (PM_{10} and $PM_{2.5}$) in the vicinity of busy intersections are heavy duty trucks. Light duty trucks as well as medium duty trucks typically run on gasoline, while heavy duty trucks typically run on diesel fuel. PM_{10} and $PM_{2.5}$ microscale air quality analyses were performed using the same modeling methodology as the CO microscale analysis. PM_{10} and $PM_{2.5}$ emission factors were generated for Existing (2007) traffic conditions and No Build and Build with Improvements (2009) traffic conditions and have been provided in Table 23 and Table 24 of this document, and Attachment 4 of the Air Quality Technical Report (see Appendix D of this DEIS). Parameters used to generate site specific emission factors for the intersections of Old Country Road at East Gate Boulevard/Mitchell Drive were identical to what was used in the CO analysis. CAL3QHC was used to predict Existing, No Build and Build with Improvements PM_{10} and $PM_{2.5}$ concentration. The projected PM_{10} and $PM_{2.5}$ concentrations under proposed conditions are provided in Table 25.

nty (%) 6	Nassau County Vehicle Distribution (%) RFC 17/19	PM_{10} Emission Factors (g/VMT)*				PM_{10} Emission Rates (g/VMT)*					
		Existing (2007)		Build (2009)		Existing (2007)				Build	
		Idle (0 mph)	Non-Idle	Idle (0 mph)	Non-Idle	Idle (RFC 14/16)	Idle (RFC 17/19)	Non-Idle (RFC 14/16)	Non-Idle (RFC 17/19)	Idle (RFC 14/16)	Idle (RFC 17/19)
	56.28	0.00	0.03	0.00	0.03	0.000	0.000	0.017	0.017	0.000	0.000
	6.64	0.00	0.03	0.00	0.03	0.000	0.000	0.002	0.002	0.000	0.000
	22.14	0.00	0.03	0.00	0.03	0.000	0.000	0.007	0.007	0.000	0.000
	7.36	0.00	0.03	0.00	0.03	0.000	0.000	0.002	0.002	0.000	0.000
	3.33	0.00	0.03	0.00	0.03	0.000	0.000	0.001	0.001	0.000	0.000
	0.77	0.00	0.08	0.00	0.06	0.000	0.000	0.001	0.001	0.000	0.000
	0.22	0.00	0.09	0.00	0.07	0.000	0.000	0.000	0.000	0.000	0.000
	0.11	0.00	0.09	0.00	0.07	0.000	0.000	0.000	0.000	0.000	0.000
	0.10	0.00	0.10	0.00	0.09	0.000	0.000	0.000	0.000	0.000	0.000
	0.06	0.00	0.13	0.00	0.12	0.000	0.000	0.000	0.000	0.000	0.000
	0.07	0.00	0.12	0.00	0.11	0.000	0.000	0.000	0.000	0.000	0.000
	0.07	0.00	0.17	0.00	0.17	0.000	0.000	0.000	0.000	0.000	0.000
	0.13	0.00	0.17	0.00	0.14	0.000	0.000	0.000	0.000	0.000	0.000
	0.21	0.00	0.11	0.00	0.08	0.000	0.000	0.000	0.000	0.000	0.000
	0.60	0.00	0.09	0.00	0.07	0.000	0.000	0.001	0.001	0.000	0.000
	0.11	1.11	0.13	1.05	0.09	0.002	0.001	0.000	0.000	0.002	0.001
	0.12	1.08	0.12	1.04	0.10	0.002	0.001	0.000	0.000	0.002	0.001
	0.16	1.05	0.12	1.02	0.09	0.002	0.002	0.000	0.000	0.002	0.002
	0.17	1.15	0.13	1.09	0.10	0.003	0.002	0.000	0.000	0.003	0.002
	0.14	1.16	0.25	1.10	0.19	0.002	0.002	0.001	0.000	0.002	0.002
	0.27	1.14	0.24	1.08	0.19	0.004	0.003	0.001	0.001	0.004	0.003
	0.33	1.33	0.41	1.21	0.31	0.006	0.004	0.002	0.001	0.006	0.004
	0.27	1.20	0.35	1.13	0.24	0.005	0.003	0.001	0.001	0.004	0.003
	0.07	0.00	0.11	0.00	0.10	0.000	0.000	0.000	0.000	0.000	0.000
	0.13	2.72	1.41	2.57	1.33	0.005	0.004	0.003	0.002	0.005	0.003
	0.13	1.28	0.52	1.13	0.33	0.003	0.002	0.001	0.001	0.002	0.001
	0.00	0.00	0.04	0.00	0.04	0.000	0.000	0.000	0.000	0.000	0.000
		Total Composite Emission Rates				**0.035**	**0.024**	**0.041**	**0.038**	**0.033**	**0.022**

VMT (grams per vehicle mile traveled) except for 0 mph idle emission factors, which are in g/h (grams per hour).
on factors multiplied by vehicle distribution.
ission factor data obtained from NYSDOT's MOBILE6.2 PM10 Emission Factor Tables Look Up and Calculation Program for
Applications (https://www.nysdot.gov/portal/page/portal/divisions/engineering/environmental-analysis/repository/mobile6/pm/pmtable.html).
icle distributions were used in the analysis.
ass. 14/16 represents urban major and minor arterials and 17/19 represents urban collectors and local roadways.
E6.2 PM10 Emission Factor Tables provided in Attachment 4.

Nassau County Vehicle Distribution (%) RFC 17/19	Existing (2007)		Build (2009)		Existing (2007)				Build	
	Idle (0 mph)	Non-Idle	Idle (0 mph)	Non-Idle	Idle (RFC 14/16)	Idle (RFC 17/19)	Non-Idle (RFC 14/16)	Non-Idle (RFC 17/19)	Idle (RFC 14/16)	Idle (RFC 17/19)
56.28	0.00	0.01	0.00	0.01	0.000	0.000	0.006	0.006	0.000	0.000
6.64	0.00	0.01	0.00	0.01	0.000	0.000	0.001	0.001	0.000	0.000
22.14	0.00	0.01	0.00	0.01	0.000	0.000	0.002	0.002	0.000	0.000
7.36	0.00	0.01	0.00	0.01	0.000	0.000	0.001	0.001	0.000	0.000
3.33	0.00	0.01	0.00	0.01	0.000	0.000	0.000	0.000	0.000	0.000
0.77	0.00	0.06	0.00	0.05	0.000	0.000	0.001	0.000	0.000	0.000
0.22	0.00	0.06	0.00	0.05	0.000	0.000	0.000	0.000	0.000	0.000
0.11	0.00	0.06	0.00	0.05	0.000	0.000	0.000	0.000	0.000	0.000
0.10	0.00	0.07	0.00	0.06	0.000	0.000	0.000	0.000	0.000	0.000
0.06	0.00	0.09	0.00	0.08	0.000	0.000	0.000	0.000	0.000	0.000
0.07	0.00	0.08	0.00	0.07	0.000	0.000	0.000	0.000	0.000	0.000
0.07	0.00	0.10	0.00	0.10	0.000	0.000	0.000	0.000	0.000	0.000
0.13	0.00	0.14	0.00	0.11	0.000	0.000	0.000	0.000	0.000	0.000
0.21	0.00	0.09	0.00	0.06	0.000	0.000	0.000	0.000	0.000	0.000
0.60	0.00	0.08	0.00	0.05	0.000	0.000	0.000	0.000	0.000	0.000
0.11	1.02	0.11	0.97	0.07	0.002	0.001	0.000	0.000	0.002	0.001
0.12	0.99	0.10	0.96	0.07	0.002	0.001	0.000	0.000	0.002	0.001
0.16	0.96	0.09	0.94	0.07	0.002	0.002	0.000	0.000	0.002	0.002
0.17	1.06	0.11	1.00	0.08	0.003	0.002	0.000	0.000	0.003	0.002
0.14	1.07	0.21	1.02	0.16	0.002	0.001	0.000	0.000	0.002	0.001
0.27	1.05	0.21	0.99	0.16	0.004	0.003	0.001	0.001	0.004	0.003
0.33	1.23	0.35	1.11	0.25	0.006	0.004	0.002	0.001	0.005	0.004
0.27	1.10	0.29	1.04	0.19	0.004	0.003	0.001	0.001	0.004	0.003
0.07	0.00	0.07	0.00	0.07	0.000	0.000	0.000	0.000	0.000	0.000
0.13	2.50	1.29	2.37	1.21	0.005	0.003	0.003	0.002	0.005	0.003
0.13	1.18	0.47	1.04	0.29	0.002	0.002	0.001	0.001	0.002	0.001
0.00	0.00	0.02	0.00	0.02	0.000	0.000	0.000	0.000	0.000	0.000
	Total Composite Emission Rates				**0.032**	**0.022**	**0.020**	**0.017**	**0.030**	**0.020**

VMT (grams per vehicle mile traveled) except for 0 mph idle emission factors, which are in g/h (grams per hour).
on factors multiplied by vehicle distribution.
ission factor data obtained from NYSDOT's MOBILE6.2 $PM_{2.5}$ Emission Factor Tables Look Up and Calculation Program for
pplications (https://www.nysdot.gov/portal/page/portal/divisions/engineering/environmental-analysis/repository/mobile6/pm/pmtable.html)

Table 25 - Projected 24-Hour and Annual Particulate Matter Concentrations

Old Country Road (CR 58) @ Mill Road/Pulaski Street	**Project 24-Hour PM_{10} Maximum Impact**	**Project Annual PM_{10} Maximum Impact**	**24-Hour PM_{10} N/SAAQS Standard**	**Annual PM_{10} N/SAAQS Standard****
Existing Traffic (2007)	4.0	0.32	150	50
No Build Traffic (2009)	4.0	0.32	150	50
Build w/Improvements Traffic (2009)	4.0	0.32	150	50
Old Country Road (CR 58) @ Mill Road/Pulaski Street	**Project 24-Hour $PM_{2.5}$ Maximum Impact**	**Project Annual $PM_{2.5}$ Maximum Impact**	**24-Hour $PM_{2.5}$ N/SAAQS Standard***	**Annual $PM_{2.5}$ N/SAAQS Standard**
Existing Traffic (2007)	2.0	0.16	35	15.0
No Build Traffic (2009)	2.0	0.16	35	15.0
Build w/Improvements Traffic (2009)	2.0	0.16	35	15.0

Notes:

- All values are in micrograms per cubic meter.
- 1-hour modeled impacts were multiplied by persistence factors to calculate the 24-hour and annual PM_{10} and $PM_{2.5}$ impacts. A value of 0.4 was used for the 24-hour persistence factor and a value of 0.08 was used for the annual persistence factor. Persistence values obtained from "New York State Department of Transportation Project Level Particulate Matter Analysis, Final Policy" dated September 2004.

* The 24-hour $PM_{2.5}$ NAAQS was recently reduced by the USEPA to 35 micrograms per cubic meter (Effective December 2006).

** Due to a lack of evidence linking health problems to long-term exposure to coarse particulate matter pollution, EPA revoked the annual PM_{10} standard (effective December 2006), however the NYSDEC has not yet revoked this standard.

As shown within Table 25, above, the maximum PM_{10} and $PM_{2.5}$ annual and 24-hour concentrations are identical under Existing, No-Build and Build with Improvements conditions. Thus, no significant adverse impacts associated with particulates emissions would be expected.

Mesoscale Analysis

In addition to a microscale analysis, the NYSDEC and NYSDOT can require a mesoscale emissions analysis to determine the relative change in regional pollutants expected as a result of a proposed project. Based on NYSDOT EPM guidance, in order for a project to need a mesoscale analysis, the project must generate 10 percent or more vehicle miles traveled (VMT) over a large area, (Nassau County). Based on a total peak Saturday (daytime) trip generation rate of 1,477 trips per hour under the proposed action, the project would not exceed 10 percent of the trips generated in the general area surrounding the project site. Therefore, a mesoscale analysis is not formally required for the proposed development.

Conformity Determination

The proposed project is in a severe ozone non-attainment area. As detailed in 6 NYCRR Part 240, because the proposed action does not involve approval or funding from the Federal Highway Administration/Federal Transit Administration ("FHWA/FTA"), it is exempt from a Conformity Determination. In addition, based on the above microscale analyses, the project will only cause minor increases to any new localized CO levels surrounding the project site.

Construction and Operational Air Quality Impacts

Air quality impacts associated with the construction and operation of the proposed facilities are anticipated. These impacts result from the operation of construction equipment and fugitive emissions during construction and the actual air pollutant emissions from operating the proposed facilities.

Potential Construction Related Impacts

Impacts to air quality from project construction activities are anticipated to be short-term and relatively insignificant. The proposed action will require demolition activities, site grading and construction. The construction process is expected to be completed in one phase with completion by 2009.

During construction, the operation of heavy construction equipment is a source of temporary dust emissions that can impact local air quality. Different types of controls would be implemented to reduce fugitive dust emissions, including the use of water trucks, covered storage piles and trucks, the phasing of construction activities to minimize the extent of disturbed soils, stabilizing soils, and installation of gravel road beds.

In addition, the use of heavy equipment and the emissions generated from off-road engines can add to potential local impacts. However, the temporary and site specific nature of construction activities, as well as the varied nature of construction and sequencing of activities, make emission estimates difficult.

Emissions data for heavy construction operations have been developed by the U.S. Environmental Protection Agency (USEPA, 1995). Published emission factors specific to construction were utilized to determine potential air quality impacts associated with the proposed project. The USEPA has developed a rudimentary, conservative estimate. The USEPA emission factor for total uncontrolled suspended particulate ("TSP") is based on one (1) set of field studies and are considered appropriate for construction operations with medium activity level, moderate silt content, and semiarid climate. It is anticipated that this site will have medium activity level.

Based on the analyses in the air quality assessment, it is estimated that the site will generate 0.15 tons of PM_{10} per acre per month of activity, or 3.3 tons per month (if all 22 acres were simultaneously under construction for any given month). Over a 12 month period (assuming all 22 acres under construction simultaneously for an entire year), the total PM_{10} emissions are conservatively estimated at 39.6 tons. Considering the period of time, expected construction phasing and the distribution of these emissions over substantial areas and the control measures typically applied during construction, air quality impacts are expected to be minimal and not exceed air quality standards.

Potential Operational Related Impacts

The operation of point and fugitive sources of air pollution at the proposed facilities will result in minimal increases in the overall atmospheric air pollutant burden based on the nature of typical retail operations and associated activities. Heating, ventilation and air conditioning ("HVAC") systems, which consume fossil fuels, release small amounts of air pollutants that when compared to the regional burden are insignificant and should not cause an exacerbation of applicable standards or guidelines.

Overall, no significant adverse air quality impacts are anticipated.

4.6 SOCIOECONOMICS

A study was conducted in May 2008 by Thomas Conoscenti & Associates, Inc. ("TCA") to evaluate the potential economic impact of the proposed action. The study, *Economic and Fiscal Impact Analysis of the SPG, Avis Property Redevelopment* ("*Economic Impact Study*"), is found in its entirety in Appendix F, and a summary of the study follows.

The *Economic Impact Study* focused on the estimated capital investment, impact of construction activity on employment, impact of wages and salaries, impact for several types of expenditures, sales tax revenues, and real property tax revenues. A cost/benefit study was conducted to evaluate the impact of the overall proposed development on the Town of Hempstead and the Uniondale UFSD.

The proposed development, which includes retail, restaurant, and office space, and a hotel, is estimated to cost $81.7 million. This cost includes the construction, engineering, planning, and other development costs. It is estimated that labor costs will account for $39.0 million, or approximately 48 percent, of the total cost. Building material expenses, estimated at approximately $32.0 million, and other costs (approximately $11.0 million) make up the remainder of the total cost for the proposed development. These costs were used in the *Economic Impact Study* to evaluate the total value, or economic contribution, of the proposed development to the local economy.

The economic impact of the proposed development on the local economy was evaluated by determining the multiplier associated with the development and related spending. The multiplier constitutes the series of money being spent several times over, in different sectors of the local economy. Each time the money is spent; new income levels are produced, increasing the economic benefits of the proposed development on the area. The *Economic Impact Study* used multipliers obtained from an econometric model of Long Island and RIMS II model, which are described in Table 3.2 of same, found in Appendix F of this DEIS.

Employment and Payroll Creation

The *Economic Impact Study* found that the total income generated by the construction of the proposed development is estimated at $165.2 million. The number of jobs during the construction phase, calculated by using employment multipliers from the TCA model and the Bureau of Economic Analysis, is estimated at 819 full-time jobs, with an estimated 508 full-time jobs generated per year, totaling 1,327 full-time jobs during the two-year construction period.

The proposed development, after the completion of construction, would employ an estimated 1,494 full-time employees on the subject site. Approximately 2,241 secondary full-time jobs are anticipated to be created by the spending activities related to the proposed development.

The *Economic Impact Study* calculated the annual primary payroll of the proposed development as $112.5 million, with a total impact of $309.5 million on the local economy, based on the standard multiplier.

Tax Generation

The *Economic Impact Study* evaluated the proposed development based on tax revenues obtained by all levels of government, with further details of the methodology found in Appendix F. Federal and State income tax revenues were based on gross income; sales tax revenues were based on estimated employee wages (with the assumption that 50 cents for every dollar of income created would be spent on taxable consumption), and materials purchases (with the assumption that 50 percent of purchased materials were subject to sales tax).

It is estimated that, during the construction phase, the proposed development would generate approximately $41.3 million and $12.4 million in Federal and State income taxes, respectively, for a total of $53.7 million. Increased spending during the construction phase is expected to generate $4.1 million in State and local sales tax revenues.

The proposed development, after construction is complete, is anticipated to contribute $98.6 million annually in federal and state income taxes. The estimated sales taxes generated by the completion of the proposed development included three effects (i.e., spending by the employees, spending by the management of the facilities, and spending by the hotel guests). The *Economic Impact Study* estimated a total of $16.1 million in sales tax revenues generated by the proposed development.

Lastly, real property taxes generated by the proposed development were evaluated in the *Economic Impact Study* utilizing the tax rates for Nassau County, Town of Hempstead, Uniondale UFSD, and Special Districts for the 2008 fiscal year. It is estimated that approximately $4.3 million would be paid annually to local and county governments, as well as the school and library districts (see Table 26 below).

Table 26 - Real Property Taxes of Proposed Development

Local Government	Real Property Taxes by Proposed Use				Total
	Retail	Restaurant	Hotel	Office	
County	$321,647	$80,412	$155,441	$340,453	**$897,953**
Town	$260,178	$65,044	$125,735	$275,390	**$726,346**
Library District	$24,886	$6,222	$12,027	$26,341	**$69,476**
Uniondale UFSD	$916,009	$229,002	$442,676	$969,566	**$2,557,253**
Total	**$1,522,720**	**$380,680**	**$735,879**	**$1,611,750**	**$4,251,029**

As indicated in Section 3.6 of this DEIS, the subject property currently generates $833,661.85 in property taxes to Nassau County, the Town of Hempstead and the Uniondale Public Library District (special district), and $1,258,657.82 to the Uniondale UFSD, for a total of $2,092,319.67. The proposed development is estimated to generate approximately $4,251,029 in property taxes, which represents an increase of approximately $2,158,709.33 (103 percent increase).

School-Aged Children

As there are no residential units included in the proposed development, no school-aged children would be generated by same. Therefore, the estimated real property taxes to be paid to the school district, approximately $2,557,253 annually, would represent significant annual net revenues to the Uniondale UFSD. As indicated in Section 3.6 of this DEIS, the subject property generated approximately $1,346,242.58 in school taxes in the 2007-2008 fiscal year. Therefore, construction of the proposed mixed-use development would result in an estimated increase of $1,211,010.42 in annual revenues to the Uniondale UFSD.

The *Economic Impact Study* concluded that the proposed development, including retail, restaurant, and office space, and a hotel, would yield a positive economic impact on the local economy. Furthermore, based on the evaluation in this section, the proposed development would provide an increase in local employment, spending, and tax revenues.

4.7 SOLID WASTE

Solid waste generated by the proposed development would be collected by a licensed private carter, under contract to the applicant. The estimated solid waste to be generated, based on published factors, is as outlined below in Table 27:

Table 27 - Projected Solid Waste Generation

Proposed Use	Area or Occupancy	Solid Waste Generation Factor[15]	Pounds per Day	Tons per Month
Hotel	140 Rooms	3 #/day/room	420	6.4
Office	175,000 sf	1 #/day/100 sf	1,750	26.6
Restaurant	1000 seats	1.2 #/day/meal served	7,200[16]	109.5
Retail	125,000 sf	13 #/1,000 sf	1,625	24.7
		TOTAL	**10,995**	**167.2**

As depicted above, the proposed development would generate an estimated 167.2 tons per month of solid waste. All non-recyclable, non-hazardous municipal solid waste collection in the Town of Hempstead is incinerated at the Covanta waste-to-energy facility in Westbury. The licensed private carter to be contracted by the applicant to serve the proposed development is under no obligation to bring solid waste generated at the subject property to this facility, however, all solid waste would be handled by the private carter in accordance with prevailing regulations.

Correspondence was forwarded to Kenneth Straitz, Facility Manager at Covanta Hempstead, on October 6, 2008, advising of the proposed action and requesting information regarding Covanta's ability to accept solid waste generated at the subject property. A response was issued by Joe Vitale, Business Manager of Covanta Hempstead, on October 27, 2008 (see Appendix E), indicating that the Covanta Hempstead plant is currently permitted to process up to 975,000 tons of waste per year. The plant currently processes approximately 960,000 tons of waste per year.

[15] Source: Salvato, Joseph; Nelson Nemerow and Franklin Agardy. 2003. *Environmental Engineering: Fifth Edition.* John Wiley & Sons, Inc. New Jersey. pp 768, 769.
[16] Assumes 100 percent occupancy for lunch and dinner, and 6 daily turnovers in total (6,000 meals per day).

Within the letter of October 27, 2008, Mr. Vitale stated that the plant currently receives approximately 85 percent of its volume under long-term contracts with various municipalities. The remainder of the plant capacity is available to other municipalities in the New York Metropolitan area and commercial waste haulers. Mr. Vitale also indicated that "[a]s a merchant facility, Covanta Hempstead also reserves a portion of the plant capacity as non-contracted 'spot' waste to allow flexibility to manage unforeseen circumstances and seasonal differences." Mr. Vitale stated that the aforesaid reserve would allow Covanta Hempstead to accept the projected waste generated from the subject property.

Based on the above, although solid waste generation at the subject property would increase over the existing condition, the proposed development is not expected to adversely impact local or regional solid waste management practices.

4.8 EMERGENCY SERVICES

4.8.1 Police Protection

As discussed in Section 3.8 of this DEIS, correspondence was forwarded to the Nassau County Police Department, Third Precinct, advising of the proposed action and requesting information relative to police protection. A response was issued by Inspector James O'Leary on November 5, 2008 (see Appendix E), indicating that the Department provides routine patrol 24 hours a day, 7 days a week, and that the Third Precinct has additional units that will patrol and/or respond to the subject property if needed. Based on the information provided, the Nassau County Police Department will continue to serve the subject property such that the proposed action is not expected to have a significant adverse impact on police protection services.

4.8.2 Fire Protection

As indicated in Section 3.8 of this DEIS, the subject property is situated within the service area of the Westbury Fire Department. Correspondence was forwarded to George Perrin, Chief of the Department, on October 6, 2008 (see Appendix E), advising of the proposed action and requesting information relating to fire protection services. No response has yet been received. However, construction will meet all prevailing building and fire codes. Moreover, a Westbury Fire Department Station exists approximately 1.5 miles east of the subject property. In addition, the proposed use would be similar to several existing uses of similar design along the Old Country Road corridor and in the service area of the Westbury Fire Department. As such, no significant adverse impacts upon fire protection services are anticipated.

4.9 AESTHETICS AND LIGHTING

4.9.1 Visual Resources

The project architect has prepared several elevation drawings of the proposed buildings, an aerial perspective rendering from above Old Country Road, and a perspective rendering from the proposed parking deck, to depict the architectural and aesthetic elements of the proposed mixed-use development (see Appendix G).

Building Appearance

As illustrated by the elevation drawings, variations in shape, height and façade texture are incorporated into the design of the proposed retail buildings to provide an attractive appearance, and to break-up the length and mass of the proposed buildings. Awnings and pillars also provide depth the look of the storefronts. The use of windows is maximized to enhance the active nature of the retail uses. At portions of the building, architectural features have been incorporated above individual retail uses to provide additional variation in views of the buildings (see Page 5 of Appendix G). Such features and variations also serve to distinguish the individual future tenants from one another to patrons. Many similar techniques are also incorporated into the design of the office and hotel components of the development (see Pages 1 and 2 in Appendix G). The variations in height and the use of different façade textures and materials at different levels of the buildings distract from the mass of the buildings, as does the extensive use of windows (particularly at the proposed office use). However, as the various textures are incorporated into each of the buildings, a cohesive design is maintained throughout the proposed development.

Old Country Road

Under existing conditions, the three-story portion of the former Avis building is situated at the northern extent of the property, separated from the roadway only by small parking areas. The proposed site layout places the tallest structures (i.e., the office and hotel uses) at the southern extent of the property in order to reduce the scale of the buildings from perspectives along Old Country Road (see Page 9 in Appendix G), and to allow open views of the various uses. The street trees proposed along Old Country Road also serve to screen and reduce the scale of the taller structures.

The proposed retail and restaurant uses have been placed close to the roadway, to easily define the site and to catch the attention patrons passing the property. These buildings have been specifically designed to appear as fronts, although primary access to these uses is generally internal to the site (see Pages 8 and 9 in Appendix G). The parking areas have been sited beside and behind these uses, to eliminate them from views of the property to the maximum extent practicable. Where parking areas are along the roadway, street trees and other plantings are proposed to obscure views.

Overall, views of the subject property from along Old Country Road would be significantly improved by the proposed development as the proposed action would redevelop a vacant, underutilized site on a heavily-traveled corridor.

East Gate Boulevard

Under existing conditions, views of the site from along East Gate Boulevard are dominated by expansive parking areas. Upon implementation of the proposed action, views of the subject property from along East Gate Boulevard will primarily include the rear of retail buildings "A-1," "A-2," and "B-1" (see Page 7 in Appendix G). The buildings are stepped-back traveling from north to south, to maintain the character of East Gate Boulevard where greater setbacks are more typical as compared with the Old Country Road corridor. The hotel use is set back approximately 150 feet from the roadway, to reduce the scale of the building as perceived from East Gate Boulevard. Street trees and shrubs are proposed along the East Gate Boulevard (primarily oaks and elms) to screen the development, and a single existing 30±-inch caliber red oak would be retained. Several arborvitae plantings would be installed to screen the service area proposed at the south of the "Retail B-1" building.

Overall, the proposed action would not be expected to result in significant adverse visual impacts from along East Gate Boulevard.

Zeckendorf Boulevard

Under existing conditions, the views of the site from along Zeckendorf Boulevard are dominated by overgrown, unkempt landscaped vegetation. The proposed action includes the replacement of this vegetation with maintained trees and shrubs, resulting in a positive aesthetic impact. Views of the site from along Zeckendorf Boulevard would include retail buildings "C" and "D," at the northern portion of the site, and the office building at the southern portion of the site (see Page 7 in Appendix G). The office use would be significantly set back from the roadway (greater than 175± feet) to reduce the perceived scale of the building from Zeckendorf Boulevard. The proposed parking deck, to be situated within the southeast portion of the subject property, is designed such that the top level of the garage would only be approximately three feet above the grade of the roadway (see Page 10 in Appendix G). Furthermore, several trees and shrubs would be planted at the site's frontage in this area to provide screening.

Overall, the proposed action is expected to improve the aesthetic quality of the site versus existing conditions.

4.9.2 Lighting

The proposed project will include the provision of site lighting throughout all common areas of the development (see *Photometric Plan* in Appendix A). Site lighting would be provided by several 28-foot light poles, as well as wall-mounted fixtures, installed throughout the proposed parking areas and along internal drives to provide a safe environment for pedestrians and vehicles. The *Photometric Plan* has been prepared by the project engineer to depict the levels of light provided by the proposed lighting system at all areas of the subject property.

As indicated on the *Photometric Plan*, the minimum lighting level (expressed in footcandles, "fc") to be provided by the proposed system is 2.0 fc, with an average of 6.68 fc. As such, it is expected that the proposed lighting system will adequately illuminate the common areas of the development.

As shown by the lighting detail on the *Photometric Plan*, the lighting system would include downward-facing fixtures only to prevent unnecessary off-site spill. However, there are no sensitive land uses (e.g., residential) adjacent to the subject property. Therefore, no adverse impacts upon such uses would result.

Based on the above, the proposed lighting system would provide adequate illumination of all common areas, and would not have any significant adverse impacts upon surrounding properties.

5.0 PROPOSED MITIGATION MEASURES

5.1 SOILS AND TOPOGRAPHY

- Erosion and sedimentation control measures will be installed prior to construction. Such erosion and sedimentation control measures will include the strategic placement of silt fences and temporary berms and trenches to prevent overland runoff, stockpile protection, storm drain silt control measures, and installation of foundations, pavement and/or landscaping as soon as possible after soil disturbance which would effectively limit the extent of soil erosion;

- All erosion and sediment control measures, which will be installed prior to construction, will be routinely maintained to ensure their proper functioning and will remain in place until disturbed areas are stabilized;

- After site clearing, the area will be paved and/or planted to minimize the amount of time that soils are exposed;

- All topsoil and/or subgrade material that can be stockpiled during construction will be used in areas to be replanted and regraded; and

- Retaining walls will be installed to stabilize specific land areas where slope modifications are proposed.

5.2 WATER RESOURCES

- The proposed project will adhere with the relevant recommendations of the *208 Study, NURP Study, Nonpoint Source Management Handbook* and other applicable studies to ensure adequate protection of groundwater;

- All stormwater will be controlled on-site during construction;

- Appropriate erosion and sedimentation controls will be employed to minimize the potential adverse impacts associated with overland flow on-site;

- The proposed 3.81± acres of lawn and landscaping area will consist of low maintenance species to reduce the need for fertilizers, pesticides and irrigation;

- The proposed drainage plan includes drywells to contain and recharge stormwater on-site. Use of a properly-designed stormwater management system will minimize impacts to groundwater.

5.3 LAND USE AND ZONING

- The proposed site plan increases the total area of landscaping at the subject property by 2.13± acres (from 73,107± square feet to 165,829± square feet);

- The 30±-inch caliper Red Oak along East Gate Boulevard would be retained, as indicated on the *Landscape Plan*). During construction, this tree would be protected by four-foot-high wooden snow fencing (eight-foot by eight-foot square), which would surround the tree (see Tree Protection Detail on the *Landscape Plan* in Appendix A); and

- A parking deck will be constructed, with direct access to the proposed office use (second-story bridge) and to the proposed signalized eastern site access at Zeckendorf Boulevard, to reduce the need for surface parking.

5.4 TRANSPORTATION

- At the intersection of Old Country Road and East Gate Boulevard/Mitchell Avenue, an additional left turn lane on the northbound approach would be constructed and the traffic signal phasing modified, to improve overall operating conditions;

- An additional eastbound lane would be provided on Old Country Road along the entire frontage of the property;

- The applicant will monitor traffic conditions at the intersection of Zeckendorf Boulevard and Shopping Center Driveway/Proposed New Site Driveway, and to perform a Traffic Signal Warrant Study when the project is open and fully occupied, and if warrants are met, will install a traffic signal;

- Traffic signal phasing modifications would be modified at the intersection of Zeckendorf Boulevard and Dibblee Drive; and

- The developer will make a fair share contribution for improvements at the Meadowbrook Parkway M1 and/or M2 interchanges.

5.5 AIR QUALITY

- During construction, different types of controls would be implemented to reduce fugitive dust emissions, including the use of water trucks, covered storage piles and trucks, the phasing of construction activities to minimize the extent of disturbed soils, stabilizing soils, and installation of gravel road beds.

5.6 SOCIOECONOMICS

As the proposed action would result in significant positive socioeconomic impacts, no mitigation is proposed.

5.7 SOLID WASTE

As the proposed action would not result in significant adverse impacts associated with solid waste generation, no mitigation is proposed.

5.8 EMERGENCY SERVICES

As the proposed action is not expected to result in significant adverse impacts upon emergency services, no specific mitigation measures are required.

5.9 AESTHETICS AND LIGHTING

- The site layout places the largest structures (i.e., the office and hotel uses) at the southern extent of the property in order to reduce the scale of those project elements from perspectives along Old Country Road;

- The proposed landscaping includes street trees and shrubs to soften views of the site, and screening vegetation at the service area proposed at the south of the "Retail B-1" building; and

- The proposed parking deck is designed such that the top level of the garage is approximately three feet, at maximum, above the grade of the Zeckendorf Boulevard roadway.

6.0 ALTERNATIVES AND THEIR IMPACTS

This section examines the SEQRA-mandated No-Action Alternative, pursuant to 6 NYCRR Part 617.

6.1 NO-ACTION ALTERNATIVE

The No-Action Alternative evaluated herein includes the re-occupation of the existing Avis buildings and site. The 16,500±-square-foot occupied retail use would remain, and the 482,372±-square-feet of existing vacant building space would be occupied by an office use. There would be no changes to the site and all existing access points would remain.

6.1.1 Soils and Topography

Implementation of this alternative would not result in any significant adverse impacts to soils or topography as there would be no physical changes to the site. The required infrastructure is in place to occupy the site, and thus, no grading activities would be required.

6.1.2 Water Resources

Based on a factor of 0.04 gpd per square foot for the 498,872 square feet of existing building area, potable water demands for this alternative would be approximately 19,955± gpd. On-site irrigation would be limited to the existing 73,107 square feet of landscaping on the site. As such, the projected water use for irrigation purpose would be 615,195± gpd for the entire 18-week irrigation period. Sanitary discharge is also projected at 19,955± gpd. As the water demands were met for the former use of this property and sanitary discharge was accommodated by the existing infrastructure in place, it is not expected that returning the site to its former use would result in significant adverse impacts to water supplies or sanitary capacity.

It would be expected that the existing drainage structures would provide adequate capacity for stormwater runoff. If a capacity analysis determines the need for additional drainage pools, same would be installed.

Overall, no significant adverse impacts to water resources would be expected.

6.1.3 Land Use and Zoning

Implementation of the No-Action Alternative would include the re-occupation of the existing vacant on-site buildings, with no physical changes to the existing buildings or parking areas, and thus, no significant adverse land use or zoning impacts would be expected.

6.1.4 Transportation

As indicated in Section 4.4 of this DEIS, VMI-Maris evaluated the potential traffic impacts of the No-Action Alternative as the No-Build 2009 condition. The projected No-Build 2009 condition traffic volumes for the AM Peak Hour, PM Peak Hour and Peak Saturday Shopper Hour are presented in Exhibit Nos. 19 – 21 of the TIS, and are excerpted herein as Figure 20, Figure 21, and Figure 22, respectively. Based on the traffic analysis, the No-Action Alternative is projected to generate 618 trips in the AM Peak Hour, 623 trips in the PM Peak Hour, and 206 trips in the Saturday Peak Hour.

In comparing this alternative versus the proposed action (i.e., No-Build versus Build with Improvements - see Figure 16 in Section 4.4 of this DEIS), there would be almost no differences in the overall impact to the levels of service at the study intersections. Due to the nature of the No-Build and proposed uses, the proposed action would generate more trips during the Peak Saturday Shopper Hour than would this alternative. However, the improvements proposed at the study intersections, as part of the proposed action, would offset the potential traffic impacts.

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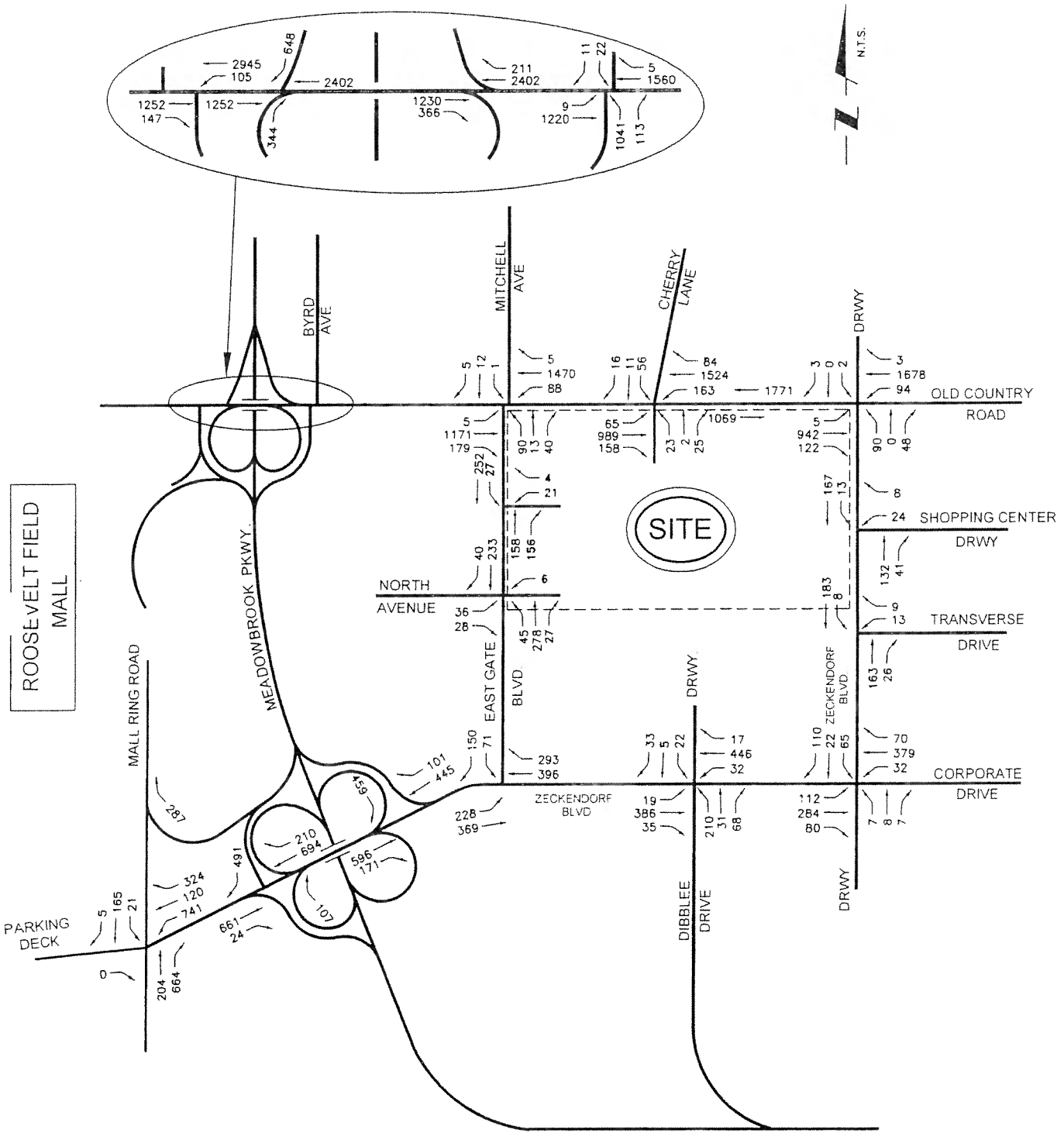

EXHIBIT NO. 19

V·M·I MARIS

TRAFFIC CONSULTANTS

PEAK AM HIGHWAY HOUR
2009 NO-BUILD TRAFFIC VOUMES
Avis Property Redevelopment
Town of Hempstead, Nassau County, New York
Project No. 04-836 April, 2008

FILE: G:\data\cad\04836\Revised Report 4-08\LD-2007nov

Figure 20

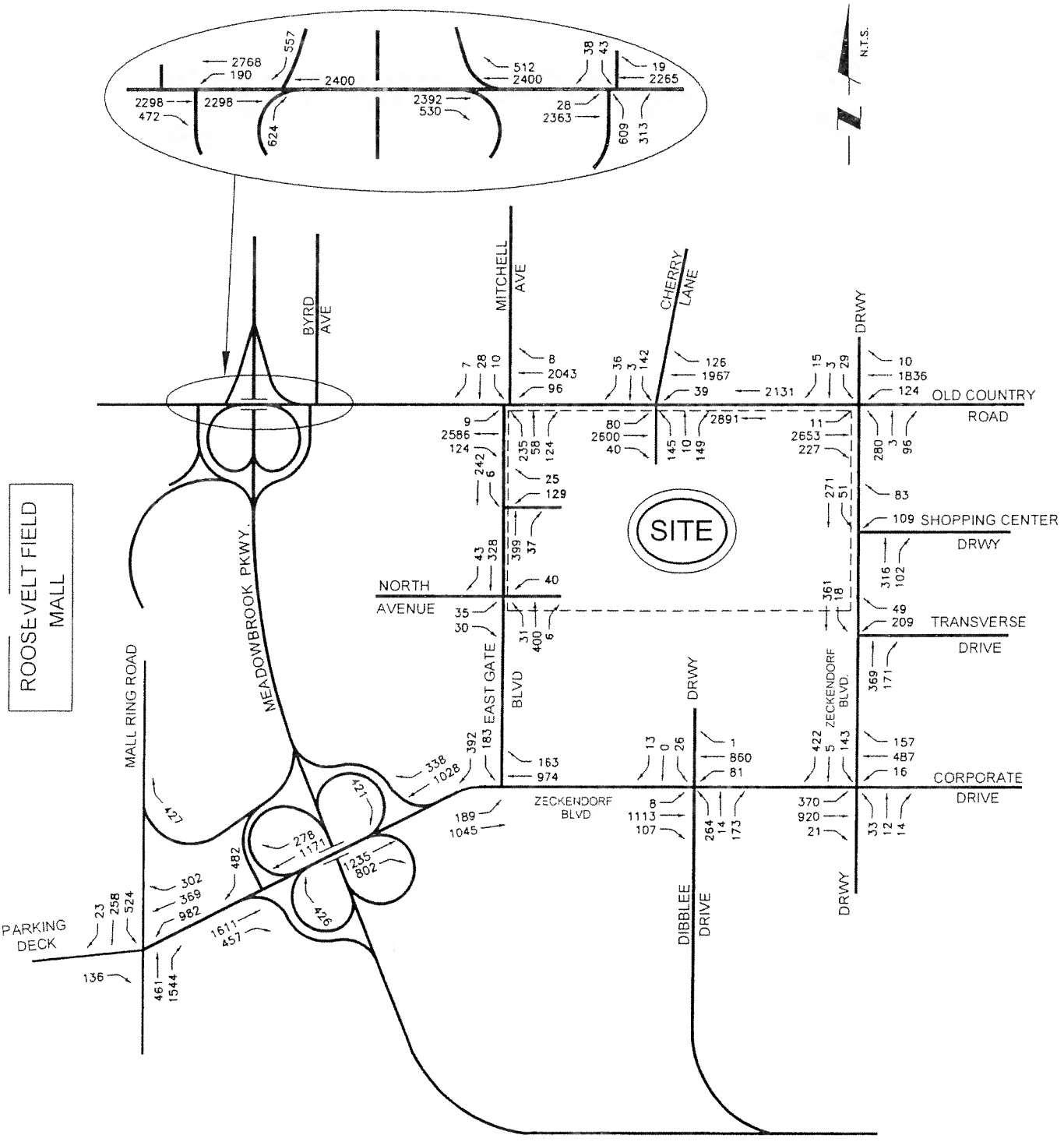

EXHIBIT NO. 20

V·M·I MARIS

TRAFFIC CONSULTANTS

PEAK PM HIGHWAY HOUR
2009 NO-BUILD TRAFFIC VOUMES
Avis Property Redevelopment
Town of Hempstead, Nassau County, New York
Project No. 04-836 April, 2008

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Figure 21

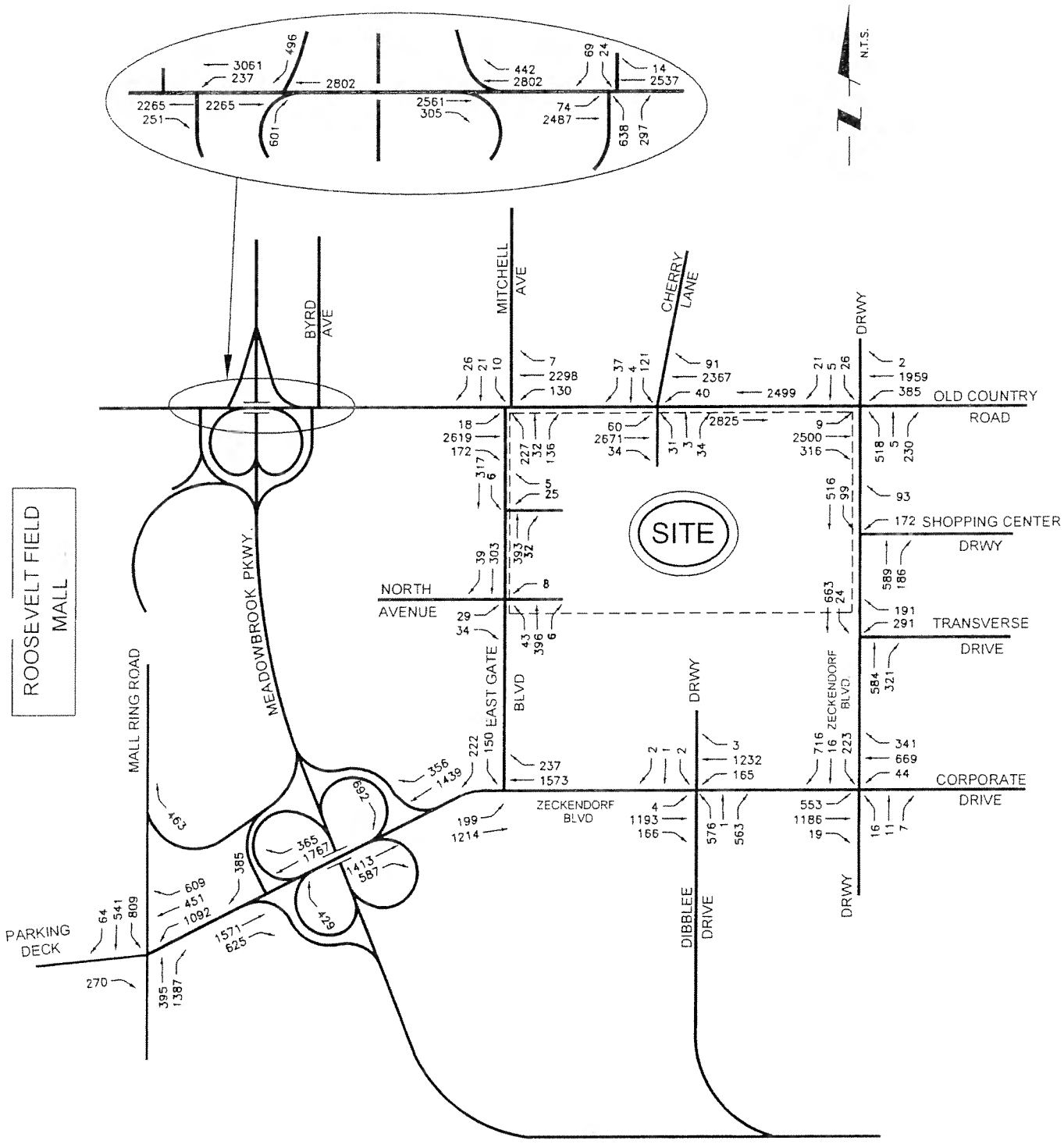

EXHIBIT NO. 21

V·M·I MARIS

TRAFFIC CONSULTANTS

PEAK SATURDAY SHOPPER HOUR
2009 NO-BUILD TRAFFIC VOUMES
Avis Property Redevelopment
Town of Hempstead, Nassau County, New York
Project No. 04-836 April, 2008

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Figure 22

Based on the traffic analysis performed by VMI-Maris, implementation of the No-Action Alternative would not be expected to have significant adverse traffic impacts.

6.1.5 Air Quality

RTP Environmental Associates, Inc. evaluated the potential air quality impacts of the No-Action Alternative as the No-Build 2009 condition. The air quality study indicates that as no significant adverse impacts are expected under the proposed action, and as implementation of this alternative would be expected to represent a lesser potential for such impacts, this alternative would also result in no significant adverse impacts upon air quality.

6.1.6 Socioeconomics

Employment

As provided by the project engineer, the subject property is developed with approximately 498,872± square feet of building area including the 16,500±-square-foot occupied retail use. Implementation of this alternative would include the re-occupation of the existing vacant buildings at the subject property and the retention of the existing retail use. For the purposes of this analysis, an office use is considered for the occupation of the former Avis headquarters.

Based on published factors of 2.5 workers per 1,000 square feet of retail use and 3.0 workers per 1,000 square feet of office use,[17] the use of the subject property as considered under this alternative would generate approximately 1,489 jobs.

Compared with existing conditions, the use of the subject property as considered under this alternative would have a positive impact on employment. As discussed in Section 4.6, the proposed action would create a similar number of employment opportunities as would this alternative (i.e., 1,494 jobs). However, the 1,327 jobs to be generated by construction activities associated with the proposed action would be largely foregone under this alternative.

[17] Published factors provided within the *Development Impact Assessment Handbook* (Urban Land Institute, 1994).

Tax Generation

Implementation of this alternative would not include any improvement of the subject property beyond existing conditions, and therefore, no significant changes versus the existing tax generation would be expected (i.e., $833,662 annual general taxes, $1,258,658 annual school taxes – see Section 3.6). As such, the 103 percent increase in (overall) property tax generation expected to result from implementation of the proposed action would be foregone under this alternative.

School-Aged Children

As no residential uses are contemplated as part of this alternative, no school-aged children would be directly generated by implementation of same. No school-aged children are generated at the subject property under existing conditions, and same is true of the proposed action.

6.1.7 Solid Waste

As is true for the proposed action, the No-Build alternative would result in an increase in solid waste generation at the subject property. The 498,872± square feet of existing building area, including 16,500± square feet of retail area and 482,372± square feet of office use, would generate approximately 5,038.2 pounds per day of solid waste (76.6 tons per month).[18] It is expected that a private carter would be contracted under this alternative, and no significant impacts upon regional solid waste management practices would result.

6.1.8 Emergency Services

As this alternative involves only the reoccupation of the existing Avis buildings and site, with improvements to bring the buildings up to current building and fire codes, no adverse impact upon emergency services would be expected to result from its implementation.

[18] Based on factors of 13 pounds per day per 1,000 square feet of retail space, and one pound per day per 100 square feet of office space.

6.1.9 Aesthetics and Lighting

The No-Build alternative considered herein would not include any physical improvement of the subject property, and thus, aesthetic and lighting conditions would remain similar to those under existing conditions. Therefore, no adverse impacts to same would result.

7.0 UNAVOIDABLE ADVERSE IMPACTS

7.1 SHORT-TERM IMPACTS

There will be several temporary construction-related impacts that cannot be completely mitigated. These impacts are associated with the site preparation and development, and include clearing and grading, demolition of structures, excavations for foundations, installation of utilities and construction of building and parking facilities. Specific impacts are identified below:

1. Soils will be disturbed by grading, excavation, and mounding activities during site redevelopment;

2. Despite the use of strategically-placed erosion and sediment control measures, minor occurrences of erosion may occur;

3. There is the potential for minor releases of air contaminants that will occur from construction equipment and emissions of fugitive dust during dry periods, although dust will, for the most part, be controlled by watering down the site and stockpile protection;

4. Operation of construction equipment, trucks and worker vehicles may temporarily impact traffic in the area of the project site;

5. The visual quality of the area may be temporarily degraded by the presence and operation of construction equipment on the project site; and

6. Increases in noise levels at the site boundaries may result from construction activities.

It is anticipated that these impacts will be of short duration, that is, they will cease upon project completion.

7.2 LONG-TERM IMPACTS

Certain long-term impacts associated with project implementation have been identified. Mitigation measures have been proposed to reduce or eliminate most of these long-term adverse impacts. Those adverse long-term impacts that cannot be fully mitigated are set forth below, namely:

1. Although the site current generates sewage and requires water, the proposed development will result in an increase in the amount of water usage and sanitary flow;

2. There will be solid waste generated at the site, although same will not adversely impact solid waste management strategies or plans;

3. Although the proposed development will include a greater total area of landscaping, site development will result in the removal of a limited area of vegetation; and

4. While no significant adverse visual impacts have been identified, the visual character of the site will be modified.

5. The proposed action would result in an increase in the number of trips to and from the subject property, however, mitigation measures are proposed such that the proposed action is not expected to result in significant adverse transportation impacts.

8.0 IRRETRIEVABLE AND IRREVERSIBLE COMMITMENT OF RESOURCES

The proposed action includes the redevelopment of a site, and thus, does not require the disturbance or development of natural land. In fact, the proposed action would reduce the area of buildings on the site from 498,872 square feet to 400,000 square feet.

Certain additional resources related to the construction aspects of the development would be committed. These resources include, but are not limited to, concrete, asphalt, lumber, paint and topsoil. Mechanical equipment resources would be committed to assist personnel in the construction at the property. The operation of construction equipment will require electricity, water resources and fossil fuels. Furthermore, the construction phase of the proposed project would require the commitment of manpower resources as well as time.

9.0 GROWTH-INDUCING ASPECTS

Growth-inducing aspects are generally described as the long-term secondary effects of the proposed action. The proposed action includes the redevelopment of a vacant property formerly used by the Avis Corporation for offices and warehouse space to a mixed-use hotel, office, restaurant, and retail development.

In that the proposed action involves the development of retail uses, there would be an increase in the number of persons attracted to the area for shopping. However, it is expected that the proposed retail uses would primarily accommodate an existing population, and a significant proportion of the future patrons are expected to be pass-by patrons (see Section 4.4). Therefore, the development would not be expected to significantly influence growth in the area. The proposed hotel is expected to meet an existing demand for such use in the area. The proposed office building may attract new businesses to the area and/or the relocation of local companies.

The proposed mixed-use development is anticipated to result in the generation of a significant number of employment opportunities. Given the range of employment opportunities to be offered, it is likely that the some of the jobs generated would be filled by persons either living within the immediate surrounding area or the region. As indicated in Section 4.6 of this DEIS, the proposed mixed-use development, after the completion of construction, is projected to employ an estimated 1,494 full-time employees. Approximately 2,241 secondary full-time jobs are anticipated to be created by the spending activities related to the proposed development. The annual primary payroll of the proposed development is $112.5 million, with a total impact of $309.5 million on the local economy. Also, after construction is complete, is anticipated to contribute $98.6 million annually in federal and state income taxes, and an estimated total of $16.1 million in sales tax revenues.

As indicated in Section 4.6 of this DEIS, the proposed development would contribute substantial real estate taxes annually, and all revenues to the school district would be a net benefit as the development would not generate school-aged children. It is estimated that approximately $4.3 million would be paid annually to local and county governments, as well as the public school and library districts.

The proposed project does not involve expanding either the sewer district or constructing a new sewage treatment plant. As such, the construction of the proposed development will not induce growth relating to sewer expansion. The proposed development would also be serviced by existing public water supplies, and is not expected to require the construction of any new public or private water supply wells

Based on the above, the proposed action is expected to have only positive impacts on growth in the area.

10.0 USE AND CONSERVATION OF ENERGY

The subject property would receive electric service from the LIPA, and natural gas service from KeySpan Energy. Correspondence was forwarded to both LIPA and KeySpan Energy on behalf of the applicant, and letters of service availability were issued by each (see Appendix E). As provided by the project engineer, Table 28 below presents the approximate peak electrical and natural gas demands of the project components (expressed in kilovolt amperes ["kVA"] and thousands of BTUs per hour ["MBH"], respectively):

Table 28 - Estimated Energy Demands

Building or Use	Peak Electrical Demand	Peak Natural Gas Demand
Retail A-1	180 kVA	750 MBH
Retail A-2	314 kVA	1,300 MBH
Retail B-1	96 kVA	400 MBH
Hotel B-2	553 kVA	6,000 MBH
Retail B-3	277 kVA	5,500 MBH
Retail B-4	182 kVA	10,000 MBH
Retail B-5	156 kVA	
Retail C	577 kVA	1,600 MBH
Retail D	109 kVA	500 MBH
Restaurant E	301 kVA	34,500 MBH
Restaurant F	301 kVA	4,500 MBH
Landlord Loads	200 kVA	N/A

In 2004, SPG implemented a comprehensive strategy to improve energy efficiency in the initiation of its Energy Best Practices Program, which is implemented by management of all of its properties. Under the Energy Best Practices Program, a substantial portion of savings is achieved through low cost/no cost measures ranging from simple actions to complex ones.

Some of the low cost / no cost opportunities that have been identified and implemented to date include:

- Minimizing energy use in vacant spaces;
- Keeping tight control over hours of operation for all lighting systems in the common area, parking lots, and back of the house areas to minimize costs without affecting comfort or safety;
- Zoning lighting systems to gain better control of them and minimize waste;
- Optimum start/stop of all HVAC systems to meet cooling requirements while minimizing costs;
- Adjusting temperature set points to minimize HVAC costs while meeting comfort requirements;
- Using outside air to cool properties when outside air temperature and humidity made it possible to do so; and
- Minimizing energy use through proper use of energy control systems.

The aforementioned low cost / no cost methods will be applied to the proposed development.

Energy Efficient Technology

The use of energy efficient technologies in the areas of lighting, HVAC and building control systems is also a key strategy for SPG's management of energy use, and include the following:

- Efficient lighting systems for malls' common areas, parking structures, and parking lots;
- Efficient chillers, boilers, and roof top HVAC units;
- Variable Speed Drives on pumps and fans;
- Direct Digital Control energy management systems;
- Low flow water fixtures;
- Vending machine efficiency retrofits; and
- System commissioning.

Remote Monitoring and Continuous Commissioning

SPG remotely monitors malls' Energy Management Systems (EMSs). This monitoring helps to ensure optimal system operations through alarm delivery to mall operators and reporting of non-optimal operating practices to management. SPG also implements quarterly in-depth remote review of all EMSs, which results in pro-active maintenance through the identification of failed sensors, compressors, dampers, etc. These reviews also help to identify problems that result in increased energy usage, such as failed economizer dampers, over-ridden equipment and schedules. Finally, these reviews are used to suggest best operating practices, such as temperature set point adjustments or optimization of operating schedules.

Energy Costs Savings

Due to its energy management efforts, SPG has shown a consistent trend of reducing both electricity and natural gas use since 2003. SPG reduced the electricity usage over which it has direct control by 102 million kWhs since 2003. This represents a 9.7 percent reduction in electricity usage across a portfolio of comparable properties. The absolute corporate GHG emissions for SPG have decreased over 10 percent from 2003 to 2006. The reduction in energy usage translates to the avoidance of 67,932 metric tons of carbon dioxide equivalent.

Overall, with the implementation of the best energy practices, remote monitoring and quarterly reviews, the proposed development is not expected to result in significant adverse impacts to energy supplies.

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SOIL MECHANICS
ENVIRONMENTAL SERVICES
3770 MERRICK ROAD • SEAFORD, L.I., NEW YORK 11783
(516) 221-7500 • FAX (516) 679-1900

August 8, 2009

Breslin Realty Development Corp.
500 Old Country Road
Garden City, N.Y. 11530
Attn: Mr. Wilbur Breslin

Re: Former Avis Property
Garden City, NY
SMES #09-090

Dear Mr. Breslin:

As per your request, we have we have completed: (i) review of Phase I and Phase II Environmental Site Assessment Reports prepared for the above referenced property ("the Site") by the Oxford Engineering Company (OEC – dated 3/18/05 and 9/12/05); (ii) a visual inspection of the subject property and surrounding areas; and (iii) reviewed available public records.

Based on the aforementioned, our experience with similar projects, and historic usage of the subject property we have identified numerous recognized environmental conditions (RECs) that warranted investigation, including but not limited to those that were outlined in our proposal (dated 5/28/09).

To address RECs identified, to date, we have conducted: (i) geophysical investigation, utilizing ground penetrating radar (GPR), of selected areas on the Site; (ii) exploratory test pit excavations at identified GPR anomalies; (iii) preliminary assessment sampling of confirmed Class V injection wells, i.e., drainage structures that discharge septic, storm water, etc. directly to underlying soil formations; (iv) soil test borings into soil formations circumscribing potential sources of contamination; (v) investigation of accessible suspect pits, sumps, manholes, etc.; and (vi) assessment of the groundwater at selected hydrodynamically up and down gradient locations relative to on and off-Site potential sources of contamination. Notably, a significant volume of investigative work has yet to be attempted and the results of analysis of numerous samples still pending from the testing laboratory. Nevertheless, as per your request, we herein provide a summary of information, obtained, to date, relative to the environmental quality of the Site.

I Underground Storage Tanks (USTs)

Historical records indicated that as many as ten (10) USTs may have been utilized at the site since its development. Based on currently available information, no USTs were identified in the areas investigated. Assessment of soils in the areas of the former USTs did not reveal evidence of obvious signs of contamination, unnatural staining, unusual odors, elevated organic vapor readings, hydrocarbon-like odors, or elevated concentrations of targeted contaminants in samples submitted for laboratory analysis.

II Class V Injection Wells

The buildings on the Site are currently connected to the municipal sewer system. Similarly, parking field catch basins were identified to discharge to the municipal disposal system, some via a box culvert located along the eastern portion of the Site. Notably, however, historical records indicated that numerous sanitary and storm water run-off Class V injection wells have been utilized at the Site since its development, i.e., the Avis/Cendant buildings alone employed a minimum of three (3) leaching or injection well fields.

The results of laboratory analysis of the first eight (8) injection well structures subject to preliminary assessment sampling (exclusive of those that were confirmed to be contaminated by OEC) indicate that all have been adversely impacted by one or more of the targeted analytical parameters at concentrations that will, in our opinion, represent a significant priority for: (i) further investigation of the entire Site; and (ii) remediation of all compromised injection wells to the United States Environmental Protection Agency (USEPA) and the Nassau County Health Department (NCHD).

III Groundwater Assessment

The Site is located over a sole source aquifer, which is utilized for potable purposes. Therefore, groundwater monitoring wells were installed at selected hydrodynamically up and down gradient locations relative to on and off-Site potential sources of contamination. The results of laboratory analysis indicate that the groundwater beneath the Site has been adversely impacted by selected volatile organic compounds (VOCs), particularly tetrachloroethylene (PCE) and trichloroethylene (TCE), semi volatile organic compounds (SVOCs), and metals that will, in our opinion, represent a significant priority for further investigation and remediation to the New York State Department of Environmental Conservation (NYSDEC). Further, the identified condition appears to Site specific, i.e., aqueous samples from hydrodynamically up-gradient groundwater monitoring well locations are relatively uncompromised and point to an on-Site.

Finally, since the groundwater beneath the Site has been confirmed to have been adversely impacted by selected chlorinated solvent constituents from an unidentified on-Site source, the NCHD will, in our opinion, require the installation of a soil-gas ventilation system, i.e., a sub-slab decompression system, to protect indoor air quality as part of proposed Site redevelopment efforts.

IV Underground Elevator Pistons

Visual inspection of the buildings on the Site indicated that four (4) elevators were formerly utilized in the Avis/Cendant Buildings, both of which have been severely damaged by vandals stealing copper plumbing and electrical lines. Therefore, assessment of soil formations circumscribing the underground pistons associated with these buildings cannot be attempted due to safety concerns. Notably, however, the mechanical rooms associated with at least two (2) of the aforementioned elevators evidence discharge of fluids suggesting that the hydraulic systems were failing. Therefore, it is likely that soil formations circumscribing the elevator pistons have been adversely impacted by hydraulic oils, which in turn may be impacting the environmental quality of the groundwater beneath the Site.

In conclusion, please be advised that the information gathered, to date, is preliminary. A significant volume of work must still be completed to provide a comprehensive assessment of the environmental quality of the subject property.

Should you have any questions regarding the contents of this letter, please feel free to contact this office.

Very truly yours,
SOIL MECHANICS ENVIRONMENTAL SERVICES

Altan Gulum, P.G.
Project Manger

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PHASE I
ENVIRONMENTAL SITE ASSESSMENT

Conducted on:

Former Avis Headquarters Property
900 Old Country Road
Garden City, New York

Apex Job No: 85157.001

October 29, 2009

Prepared for:

Equity One, Inc. and Equity One Acquisition Corp.
1600 N.E. Miami Gardens Drive
North Miami Beach, FL 33179

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EXECUTIVE SUMMARY

Apex Companies, LLC (Apex) performed a Phase I Environmental Site Assessment (Phase I ESA) of the former Avis Headquarters Office property located at 900 Old Country Road, in the Town of Hempstead, Village of Garden City, New York (i.e., the Subject Property). The Subject Property has been assigned the Nassau County Tax Map No. Section – 44, Block – 67, and Lot Nos. – 26, 27 and 28. The Subject Property consists of 21.858 acres of land, and is currently occupied by five (5) buildings and associated paved-parking lots and landscaped areas. The five (5) on-site buildings consist of one (1) three-story former Avis Office building, one (1) one-and-one-half story former Cendant building, one (1) one-story in-use Thomasville Home Furnishings building, one (1) one-and-one-half story storage building, and one (1) one-story manufacturing building (formerly utilized by Bosch). All of the buildings, with the exception of the Thomasville Home Furnishings building, are unoccupied.

The Subject Property is currently owned by the Simon Property Group (Simon) and formerly served as the world headquarters for Avis Rent-A-Car. However, a review of historic documentation indicates the Subject Property was occupied by Bosch Arma Corporation (Bosch), a Department of Defense contractor (DOD), circa 1948 through the mid-1960s, prior to which a portion of the property was associated with Roosevelt Airfield and Hazelhurst Aviation Field No. 1, dating back to 1918. No further information pertaining to previous occupants was available for review.

This Phase I ESA was conducted in accordance with the detailed scope of work outlined in Apex's proposal to Equity One dated October 8, 2009. The assessment was conducted on September 28, 2009, and included a site inspection, and a review of historical and regulatory records to the extent practical. The purpose of this Phase I ESA is to perform all appropriate inquiries into the previous ownership and uses of the Subject Property consistent with good commercial or customary practice for a possible transaction involving the Subject Property and to permit a User to qualify for one of the landowner liability protections as identified by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

Apex has performed this Phase I ESA of the former Avis Headquarters located at 900 Old Country Road, Garden City, New York in conformance with the scope and limitations of ASTM Practice E 1527-05. Any exceptions to, or deletions, from this practice are described in Section 1.0

of this report. This assessment has revealed evidence of recognized environmental conditions (RECs) at the Subject Property that require further investigation. The following RECs were noted during the site reconnaissance:

- The Subject Property, located at 900 Old Country Road, was identified on the Environmental Data Resources, Inc. (EDR) report under the Leaking Storage Tank (LTANKS) database, and assigned the NYSDEC Spill No. 8707057. According to the LTANKS database on the EDR report, on November 18, 1987, an unknown quantity of diesel fuel oil impacted groundwater underlying the Subject Property as a result of one (1) 1,000-gallon tank and two (2) 4,000-gallon tanks, which were found to be leaking. All tanks were reportedly removed, along with 270-yards of impacted soils, and no further action was required. The spill incident was closed by the NYSDEC on August 22, 1988.

- Groundwater samples were collected from twenty-one (21) monitoring wells in July 2009 by Soil Mechanics and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and Target Analyte List (TAL) Metals. The only SVOC detected in groundwater was bis(2-ethylhexyl)phthalate, ranging in concentrations from 20 micrograms per liter (ug/L) to 50 ug/L. However, the detection of bis(2-ethylhexyl)phthalate could likely be due to lab or field contamination because this constituent is a common plasticizer and was identified in fifteen (15) of the monitoring wells sampled (MW-5 through MW-19) at low concentrations. The main VOCs of concern detected in groundwater at concentrations above the New York State (NYS) Class GA Groundwater Quality Standards consisted of tetrachloroethene (PCE), trichloroethene (TCE), and methylene chloride. PCE was detected in MW-9 and MW-17 at concentrations of 26.4 ug/L and 27.5 ug/L, respectively. TCE was detected in MW-11 and MW-12 at concentrations of 12.9 ug/L and 13.7 ug/L, respectively. Methylene chloride was also detected at a concentration of 7.5 ug/L from the groundwater sample collected at MW-18. The NYS Class GA Groundwater Quality Standard for each of these constituents is 5 ug/L. According to the data presented by Soil Mechanics, several metals were detected in groundwater at concentrations exceeding the NYS Class GA Groundwater Quality Standards. The metals exceeding standards included arsenic, barium, chromium, iron, lead, manganese, and nickel.

- Nine (9) interior aboveground storage tanks (ASTs) were present historically in association with an Avis Lube Fast Oil Change facility. As would be expected, these tanks contained oils, waste oils, and transmission fluids.

- The former Bosch plant included both the Subject Property and lands directly south of the southeast portion of the current parcel. As such, the southeast corner of the Property would have been directly in the heart of the former Bosch plant complex (i.e., immediately adjacent to the former main building of the Bosch plant that was located just south of the present day site). Bosch Arma was a defense contractor specializing in electronics and guidance systems. Defense contractors specializing in electronics often possessed manufacturing operations including plating for printed circuit boards (VOCs, inorganics) and various metal finishing operations (oils, VOCs, SVOCs, inorganics).

- Following a review of the data presented by Soil Mechanics, elevated VOC concentrations (i.e., chlorinated VOCs exceeding New York State Department of Health [NYSDOH] Matrix 1 or Matrix 2 levels recommending soil vapor mitigation, or non-chlorinated / petroleum VOCs exceeding the 95th percentile, Building Assessment and Survey Evaluation [BASE] levels published by USEPA) were observed in all four (4) soil gas sampling locations, which were located outside of the building footprint(s).

- Review of Nassau County Department of Health (NCDOH) files indicates that several UST systems were historically present on the subject property prior to the tanks that were more recently removed in 2005. These historic tank systems included: two (2) 20,000-gallon USTs; one (1) 4,000-gallon UST and one (1) 1,000-gallon UST. These tanks were reportedly removed in 1998 and there were indications of contaminated soil excavation observed by others at the time of removal.

- A replacement 20,000-gallon UST (No. 6 Fuel Oil) and 4,000-gallon UST (diesel) were reportedly installed at the northeast corner of the former Cendant Building (i.e., near the southeast corner of the Avis Building) in 1999. These "new" tanks were reportedly removed in July 2005. Although the closure report did not indicate any contamination based upon soil gas screening, no soil sampling was conducted to verify closure at the time. However, subsequent soil borings performed by Soil Mechanics recently have indicated the absence of significant soil impacts in the area of these former UST systems.

NO prob

- A former 3,000-gallon No. 2 Fuel Oil UST was present at the southeast corner of the parcel behind the former manufacturing building. Similar to the above-referenced UST closures, soil gas sampling did not indicate any concerns and subsequent soil borings and recent soil sampling performed by Soil Mechanics has indicated the absence of significant contamination associated with the former UST system. The tank was removed on March 14, 2006.

- A portion of Roosevelt Airfield was identified on a 1941 Sanborn map as being historically located at the northern portion of the Subject Property. Roosevelt Airfield was identified on the EDR report under the National Priorities List (NPL) database. The site was indicated to have impacted on-site groundwater conditions as a result of the use of TCE and PCE in facility degreasing operations. In addition, according to a 1918 historic topographic map, the Subject Property was formerly occupied by Hazelhurst Airfield No. 1 until merging with Roosevelt Field in 1929.

  The former aviation operations discussed above included four (4) former airplane maintenance hangars in the 1941 Sanborn maps along Old Country Road at the northern side of the Subject Property. Aircraft hangars are a potential source of subsurface contamination because they typically will house aviation fuels, hydraulic fluids, deicing fluids, and may also have engine repair facilities that could utilize solvents and generate waste oils with volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and inorganics (e.g., from metal finishing of aircraft parts). Hangar door systems, especially on older hangar systems, often use PCB-containing hydraulic fluids.

- Evidence of unearthed underground structures (leaching pools, dry wells, etc.) were observed by Apex at the Subject Property. In addition, previous reports prepared by others, referenced "former leaching fields" prior to sewer service connections at the Subject Property. Based upon experience, most building wastes – both sanitary and industrial – often were discharged to leaching pools prior to the advent of hazardous waste disposal regulations and sewer connections. In July-August 2009, Soil Mechanics collected one (1) soil sample from each dry well / leaching pool location (total of twelve [12]) and it was analyzed for VOCs, SVOCs, TAL Metals, and total petroleum hydrocarbons (TPHC). The soil sampling analytical results indicated several SVOCs and metals were detected at concentrations exceeding the NYSDEC Unrestricted Use Soil Cleanup Objectives in eleven (11) of the twelve (12) dry wells / leaching pools sampled. In some cases, the concentrations were reported one to two orders of magnitude greater than the NYSDEC Unrestricted Use Soil Cleanup Objectives. In addition, four (4) inactive Subject Property

buildings contain floor drains in areas of former chemical use and storage, which lead to the leach pool systems.

Based upon the results of the Phase I ESA, the foregoing RECs were identified in association with the Subject Property. As such, Apex recommends the conduct of a Phase II ESA at the Subject Property, the Scope of Work (SOW) of which has been submitted under a separate cover.

1.0 INTRODUCTION

Apex Companies, LLC (Apex) performed a Phase I Environmental Site Assessment (Phase I ESA) of the former Avis Headquarters Office Property located at 900 Old Country Road, in the Town of Hempstead, Village of Garden City, New York (i.e., the Subject Property). The Subject Property has been assigned the Nassau County Tax Map No. Section – 44, Block – 67, and Lot Nos. – 26, 27 and 28. The Subject Property consists of 21.858 acres of land which is currently occupied by five (5) buildings and associated paved-parking areas and landscaped areas. The five (5) on-site buildings consist of one (3) three-story former Avis Office building, one (1) one-and-one-half story former Cendant[1] building, one (1) one-story in-use Thomasville Home Furnishings building, one (1) one-and-one-half story storage building, and one (1) one-story manufacturing building (formerly utilized by Bosch Arma Corporation [Bosch]). All of the buildings, with the exception of the Thomasville Home Furnishings building, are unoccupied.

The Subject Property is currently owned by the Simon Property Group (Simon) and the facility formerly served as the world headquarters for Avis Rent-A-Car. However, review of historic documentation indicates that one (1) or more of the buildings on the Subject Property were occupied by Bosch, a Department of Defense (DOD) contractor, circa 1948 through the mid-1960s, prior to which a portion of the property was improved with infrastructure associated with Roosevelt Airfield and Hazelhurst Aviation Field No. 1, dating back to 1918. No further information pertaining to previous occupants was available for review.

1.1 Purpose

Apex has prepared this Phase I ESA at the request of Equity One, Inc. and Equity One Acquisition Corp. (Equity One). The purpose of this Phase I ESA is to perform all appropriate inquiries into the previous ownership and uses of the Subject Property consistent with good commercial or customary practice for a possible transaction involving the Subject Property and to permit a User to qualify for one of the landowner liability protections as identified by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

[1] Cendant Corporation was a predecessor of Avis.

1.2 Scope of Services

This project was performed in accordance with Apex's proposal to Equity One dated October 8, 2009. The scope of services was to perform a Phase I ESA in a manner generally consistent with the ASTM Standard Designation: E-1527-05 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," and the U.S. Environmental Protection Agency's Standards and Practices for All Appropriate Inquiries (AAI), 40 CFR, Part 312. A copy of the detailed scope of work for this project is provided as **Appendix 1.**

The scope of services comprising this Phase I ESA was conducted to provide a reasonable level of investigation to identify recognized environmental conditions. As defined by ASTM standards, the term *recognized environmental conditions* (RECs) means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products even under conditions in compliance with the laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment, and that generally would not be the subject of an enforcement action if brought to the attention of the appropriate government agencies.

1.3 Significant Assumptions

Apex has performed the historical and environmental record searches in accordance with current ASTM and industry practice. The data, findings, and conclusions presented in this Phase I ESA are based upon a detailed search, review, and analysis of the documents and interviews as well as observations made during the Subject Property reconnaissance.

Conclusions reached regarding the conditions of the Subject Property do not represent a warranty that all areas within the Subject Property are of a similar quality as may be inferred from observable property conditions and available property history. As stated in the ASTM standard, no Phase I ESA can wholly eliminate uncertainty regarding the potential for environmental liability in connection with the Subject Property. Apex's evaluation and analysis are intended to reduce, not eliminate, the potential for conditions that result in liability for the end user of this Phase I ESA.

1.4 Limitations and Exceptions

This report was prepared as a result of a contractual agreement that defined the approach and scope of services to be employed during the course of the investigation. The opinions and conclusions expressed in this study have been based strictly on the results of these contracted services. The scope of this Phase I ESA is intended to aid in the evaluation of RECs. The services provided by Apex should not be construed as a warranty or guarantee that no RECs exist at the site or that all RECs have been uncovered. No conclusions are stated or implied concerning the suitability of the Subject Property for its eventual use. This document is not intended for purposes other than those expressly set forth herein or for use by parties other than for whom it has been prepared.

As limited by the ASTM Standard for Phase I ESAs, and Apex's scope of work, this project was non intrusive in nature and did not include any sampling or testing of soils, groundwater, surface water, building materials, or other materials. Additionally, Apex's scope of work explicitly excluded sampling for asbestos, lead-based paint, and radon, as well as determination / delineation of wetlands, regulatory compliance, cultural resources, mold, industrial hygiene, health and safety, ecological resources, endangered species, and high voltage power lines.

In an attempt to meet the prior use requirements of ASTM E 1527-05, Section 8.3.4, Apex reviewed reasonably ascertainable standard and other practically reviewable historical sources. Apex reviewed historic aerial photographs from the years 1953, 1957, 1966, 1974, 1976, 1980, 1985, and 1994; U.S. Geological Survey (USGS) topographic quadrangles for the years 1903, 1918, 1947, 1955, 1969, 1979, and 1994; and, Certified Sanborn Maps from the years 1941, 1961, 1963, and 1970. The ASTM Standard Practice for Phase I ESAs requires that site history be evaluated dating back to 1940 or prior to the first observable use of a property, whichever is earlier. The earliest historic source consulted that shows sufficient detail on the Subject Property was a 1903 topographic map, which depicted the Subject Property to be undeveloped land. It should be noted that data gaps exist between 1918 and 1941, and 1947 and 1953. Based on available information reviewed, Apex does not consider these data gaps to be significant.

Apex submitted written Freedom of Information Act (FOIA) requests to the New York State Department of Environmental Conservation (NYSDEC), Nassau County Department of Health (NCDOH), Nassau County Fire Marshal (NCFM), and the Town of Hempstead Building Department (TOHBD) regarding the Subject Property and surrounding properties of potential environmental concern. Responses from these agencies were not received prior to the preparation of this report. The ASTM Standard Practice defines responses not received within twenty (20) business days as not being considered reasonably ascertainable. Apex does not consider this data gap to be significant. Any applicable responses provided after issuance of this report will be upon receipt to the Equity One.

1.5 Special Terms and Conditions

This project was performed in accordance with scope of work, terms and conditions and limitations stated in Apex's proposal to Equity One dated October 8, 2009, and as stated in this report. There are no other special terms or conditions concerning this project.

1.6 User Reliance

This report documents the Phase I ESA of the Subject Property performed by Apex in accordance with the proposal with Equity One dated October 8, 2009. The findings, opinions, and conclusions of this Phase I ESA are for the exclusive use of Equity One and Equity One Acquisition Corp. Reliance on this report for any use or by parties other than specifically stated is prohibited without the expressed written consent of Apex, and such use is at the sole risk of the user. This document is not intended for purposes other than those expressly set forth herein or for use by parties other than for whom it has been prepared.

2.0 SITE DESCRIPTION

2.1 Site Location

The Subject Property is located at 900 Old Country Road in the Town of Hempstead, Village of Garden City, New York. The Subject Property is bordered to the north by Old Country Road, Zeckendorf Boulevard to the east, East Gate Boulevard to the west, and Verizon office / switch facility and regional training complex to the south. The Subject Property has been assigned the Nassau County Tax Map No. Section – 44, Block – 67, and Lot Nos. – 26, 27 and 28. The main access to the Subject Property is from Old Country Road to the north and from East Gate Boulevard to the west. The Subject Property is shown on a Site Location Map that is provided as **Figure 1** and a Site Map is provided as **Figure 2** in **Appendix 2**.

2.2 Site and Vicinity General Characteristics

The Subject Property is located within a mixed-use area in the Town of Hempstead, Village of Garden City, New York, consisting of commercial (e.g., retail), industrial and residential properties.

2.3 Current Site Use and Improvements

The Subject Property consists of 21.858 acres of land, which is currently occupied by (5) five buildings, associated parking and landscaped areas. The five (5) on-site buildings consist of one (1) three-story former Avis Office building, one (1) one-and-one-half story former Cendant building, one (1) one-story in-use Thomasville Home Furnishings building, one (1) one-and-one-half story storage building, and one (1) one-story manufacturing building (formerly utilized by Bosch). All of the buildings, with the exception of the Thomasville Home Furnishings building, are unoccupied.

The five (5) on-site buildings are constructed with slab-on grade foundations and are comprised of a combination of concrete, split-face cinder block, and face-brick walls. The roofs are flat built-up tar systems above steel and prefabricated metal. The remainder of the lot is covered by impervious surfaces, including parking lots and sidewalks, and minor landscaped areas. The interior portions of the buildings are predominately improved with carpet, concrete, ceramic tile, and exposed concrete in storage areas,

drywall or acoustic tile drop ceiling systems, and gypsum wall board. All of the on-site buildings, with the exception of the Thomasville Home Furnishing building, are dilapidated and in various states of disrepair, and portions of the roofs have collapsed.

Electrical service at the Subject Property appeared to be connected via underground utilities, with the exception of overhead power lines supplying the storage building located on the southern portion of the property.

Nassau County Department of Public Works (NCDPW) provides municipal sewer service and electrical service is supplied by the Long Island Power Authority (LIPA) to the Subject Property. Natural gas is provided to the Subject Property via Keyspan. As discussed above, the former Avis Headquarters Office building, Cendant building, manufacturing building, and storage building are currently unoccupied.

2.4 Current Use of Adjoining and Surrounding Properties

Apex performed a reconnaissance of adjacent and surrounding properties in an attempt to identify visual evidence of apparent or potential sources of environmental concern. Surrounding properties included the following:

North: The Subject Property is bordered on the north by Old Country Road, followed by a British Petroleum gasoline station, a retail shopping center, Chase Bank and a DSW Shoe Outlet.

West: The Subject Property is bordered on the west by East Gate Boulevard, followed by Wendy's restaurant and a large-scale multi-tenant retail shopping center.

South: A Verizon office / switch facility and regional training complex is located to the immediate south of the Subject Property.

East: The Subject Property is bordered on the east by Zeckendorf Boulevard, followed by Best Buy and Westbury Plaza, which is a multi-tenant property utilized for commercial retail purposes.

3.0 USER PROVIDED INFORMATION

TABLE 3-1
USER PROVIDED INFORMATION

Data Type	Information Provided
Environmental Liens, Activity Use Limitations (AUL), Title Records	Apex was provided with a completed User Questionnaire on October 27, 2009, for Environmental Liens or AULs outlined as User Responsibilities in Section 6 of ASTM E-1527-05. No RECs, Liens, AULs, or Title Records with respect to potential environmental concerns were identified in association the Subject Property (see Appendix 1).
Specialized User Knowledge	No person with relevant past and / or present knowledge of the Subject Property and surrounding properties was available for interview during the site inspection. The completed User Questionnaire did not provide any Specialized User Knowledge not available / reviewed through other data sources.
Commonly Known or Reasonably Ascertainable Information	The user did identify commonly known or reasonably ascertainable information material as associated recognized environmental conditions. All of this information was also available / reviewed through other data sources.
Valuation Reduction for Environmental Issues	The user will perform the additional inquiries regarding purchase price to the fair market value of the property as provided under 40 CFR 312.29. In the completed User Questionnaire, it is stated *"We believe that the purchase price of the property is higher than fair market value, because we understand that there are significant environmental issues which must be corrected prior to developing this site."*
Reason for Performing Phase I ESA	This Phase I ESA was performed at the request of Equity One in anticipation of a possible transaction involving the Subject Property, and for the user to qualify for defenses to CERCLA liability.
Other User Provided Information	Apex was provided with *"Phase I Environmental Site Assessment Report"*, prepared by Oxford Engineering Company, March 18, 2005; *"Phase 2 Records Review"*, prepared by Oxford Engineering Company, May 18, 2005; *"Phase 2 Environmental Site Assessment Report"*, prepared by Oxford Engineering Company, September 12, 2005; *"Underground Storage Tank Closure Report"*, prepared by Oxford Engineering Company, September 14, 2005; *"Underground Storage Tank Closure Report"*, prepared by Oxford Engineering Company, April 4, 2006; and Soil Mechanics' July-August 2009 Site Assessment data package (Apex provided with CD from Equity One, Inc. on October 2, 2009) are further discussed in Section 4.4 of this report.

4.0 RECORDS REVIEW

4.1 Environmental Database Review

Apex reviewed information gathered from the Environmental Protection Agency (EPA) and State of New York environmental databases through Environmental Data Resources, Inc. (EDR) to evaluate activities on or near the Subject Property. EDR reviewed databases compiled by federal and state government agencies. The complete list of databases reviewed by EDR is provided in their report, which is included as **Appendix 3** of this report. The information is reported as Apex received it from EDR, which in turn reports information as it is provided from various government databases. It is not possible for either Apex or EDR to verify the accuracy or completeness of information contained in these databases. However, the use of and reliance on this information is a generally accepted practice in the conduct of environmental due diligence. A description of the databases searched and the information obtained is summarized in **Table 4-1**. The Subject Property was identified on general environmental databases reviewed by EDR.

Table 4-1
Environmental Database Results

Type of Database	Description of Database	Radius Searched	Number of Sites Identified
NPL	The National Priorities List (NPL) identifies uncontrolled or abandoned hazardous waste sites. To appear on the NPL, sites must have met or surpassed a predetermined hazard ranking system score, been chosen as a state's top priority site, pose a significant health or environmental threat, or be a site where the EPA has determined that remedial action is more cost-effective than removal action.	1 mile	1
PNPL	Proposed National Priority List Sites (PNPL).	1 mile	0
CORRACTS	Resource Conservation & Recovery Act (RCRA) facilities that have conducted or are conducting corrective action when there has been a release of hazardous waste or constituents into the environmental from a RCRA facility.	1 mile	0
RCRA TSDs	RCRA treatment, storage, or disposal facilities. The RCRIS – TSD Report contains information pertaining to facilities that treat, store, or dispose of EPA regulated hazardous waste.	0.5 mile	0
CERCLIS	The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database identifies hazardous waste sites that require investigation and possible remedial action to mitigate potential negative impacts on human health or the environment.	0.5 mile	0
CERCLIS-NFRAP	CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP). NFRAP sites may be sites where following initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.	0.5 mile	0
RCRA	RCRA-regulated hazardous waste generator notifiers list; Large, Small, and Conditionally Exempt Small Quantity Generators are included in this list. Reported facility violations and information pertaining to corrective actions undertaken by the facility or the EPA are also included in this list.	0.25 mile	3
ERNS	EPA's Emergency Response Notification System (ERNS) list contains reported spill records of oil and hazardous substances.	Target Property	0
SHWS	State of New York Hazardous Waste Sites are the state's equivalent to CERCLIS. These sites may or may not already be listed on the Federal CERCLIS list. Priority sites planned for cleanup using state funds are identified along with sites where potentially responsible parties will pay for cleanup.	1 mile	2
LTANKS	The New York LTANKS records contain an inventory of reported leaking storage tank incidents located in New York State.	0.5 mile	21
UST	The State UST / AST Report is a comprehensive listing of all registered active and inactive aboveground and underground storage tanks located within the state. Also includes historical UST sites.	0.25 mile	15
NY Spills	The New York SPILLS records contain an inventory of oil or hazardous material spills or releases.	0.125 mile	3

The database review was conducted in accordance with the specified ASTM research radii. The Subject Property was identified in the EDR database search under the Underground Storage Tank (UST), Leaking Storage Tank (LTANKS), Facility Index System / Facility Registry System (FINDS), and Resource Conservation Recovery Act - Conditionally Exempt Small Quantity Generator (CESGQ) databases. The database search identified 21 leaking storage tanks (LTANKS) sites within a half-mile radius of the Subject Property. One (1) NY Spills and one (1) Leaking Underground Storage Tank (LTANKS) database listings were identified at off-site locations and are considered RECs. As discussed further in Section 4.3 of this report, the estimated direction of groundwater flow in the vicinity of the Subject Property and surrounding areas is to the south / southwest. Areas to the north / northeast are considered hydrogeologically upgradient from the Subject Property.

The database search identified 15 UST sites within a quarter-mile of the Subject Property. The remaining off-site USTs identified by EDR are not considered to represent a REC with respect to the Subject Property.

The database search identified three (3) RCRA conditionally exempt small quantity generator sites within a quarter-mile of the Subject Property.

The following listings were identified as relevant in the EDR databases:

On-Site Properties

- The Subject Property, located at 900 Old Country Road, was identified on the EDR report under the LTANKS database, and assigned the NYSDEC Spill No. 8707057. According the LTANKS database, on November 18, 1987, an unknown quantity of diesel fuel oil impacted groundwater underlying the Subject Property as a result of one (1) 1,000-gallon tank and two (2) 4,000-gallon tanks, which were found to be leaking. All tanks were reportedly removed, along with 270 cubic yards of impacted soils, and no further action was required by the NYSDEC. The spill incident was closed by the NYSDEC on August 22, 1988.

- The Subject Property was listed under the UST database's by EDR, and identified as having, one (1) 20,000-gallon indoor, fiberglass No. 6 fuel oil UST (installed October 19, 1998); one (1) 1,000-gallon outdoor, steel No. 2 fuel oil UST; one (1) 4,000-gallon outdoor, steel No. 2 fuel oil UST; and, two (2) 4,000-gallon outdoor, steel diesel USTs.

- Anacomp Micro Graphics (Anacomp) was identified on the Subject Property and is indicated as a non-RCRA generator. According to EDR, Anacomp was identified as a large quantity generator (LGQ) from 1987 to 1990, with no violations found, utilizing silver in on-site operations (computer-related services). The facility was also indicated as a CESGQ and is also included within the FINDS database (no additional information regarding the FINDS citation was included).

Off-Site Properties

- An office building located at 1000 Zeckendorf Boulevard, Garden City, NY was identified on the EDR report under the LTANKS and HIST LTANKS databases. The site is located 495 feet east of the Subject Property in an up- or cross-gradient location. The spill date is listed as February 22, 1994 and the incident was assigned the NYSDEC Spill No. 9313927. According to the EDR report, 20-gallons of No. 2 fuel oil were released to underlying soils as a result of a leaking fuel line associated with a petroleum storage tank. Sub-slab and air investigations were subsequently completed, and no further action was required. The spill was closed by the NYSDEC on September 14, 1994. Given the minimal nature of this release, which did not appear to have impacted groundwater, and the closed status of the case, Apex does not consider this incident to be a REC.

- Northville Industries, located at 345 Old Country Road, Carle Place, NY was identified by EDR under the NY Spills and NY Hist Spills databases. The site is located 552 feet northwest of the Subject Property at an up- or cross-gradient location. The spill date is listed as January 17, 1992 and the incident was assigned the NYSDEC Spill No. 9110976. EDR states the following: "*1/8-inch of gasoline on water in well #4 to pass test U/G tank systems.*" Groundwater was indicated as the resource affected. The well is listed as an Inactive "*Haas Well*" on November 13, 1997. The cause of the spill is unknown. The NYSDEC spill incident was closed on November 10, 1997. Based upon the limited information provided by EDR, and reported impact to underlying groundwater, Apex considers the above incident a REC with respect to the Subject Property.

- CP S/S Operating Corp., located at 345 Old Country Road, Carle Place, NY was identified by EDR under the NY Spills and NY Hist Spills databases. The site is located 552 feet northwest in an up-to or crossgradient location of the Subject Property. The spill date is listed as May 27, 1998 and the incident was assigned the NYSDEC Spill No. 9925412. The cause of the spill is unknown; however, the source was identified as a gasoline station (most likely referring to the C.P. S/S Operating Corp. identified under this listing). It was not reported as to whether groundwater was affected. The EDR Report states the following: *"Northville had remediated petroleum spill 91-10976 and received a NFA letter 11/3/97. Water quality sampling performed by C.P. Service Station Operating Corp. (former Tartan Oil Corp.) detected high dissolved gasoline const. Northville and C.P. S/S jointly investigated the situation and restarted the old remediation system. Further evaluation by Northville resulted in Northville requesting NYSDEC require C.P. to take sole response. NYSDEC evaluated data presented by Northville and issued new spill number."* Based upon the fact that the site was occupied by a gasoline station, and the spill has not been closed to date, Apex considers this incident to represent a potential REC.

- The Family Court Building, located at 1200 Old Country Road, Westbury, NY was identified by EDR under the LTANKS and HIST LTANKS databases. The site is located 603 feet northeast of the Subject Property at an estimated upgradient location. The spill date is listed as April 1, 1992 and the incident was assigned the NYSDEC Spill No. 920006. The cause of the spill is indicated as a tank overfill. The EDR Report indicates that 30 gallons of #2 fuel oil were released into the soil. The spill was closed on November 5, 1992. The EDR citation states the following: *"Spiller hired MPC, 15 yds. Removed and disposed of at Mt. Hope. Suspect driver spilled oil into soil area, no action as of yet."* Since the spill incident has been closed, and only a minimal amount of materials were released, and groundwater was not affected, Apex does not consider this incident to represent a REC.

- Mineola Fuel, located at 14 Garden Court, Carle Place, NY was identified by EDR under the LTANKS and HIST LTANKS databases. The site is located 1,362 feet north of the Subject Property at a cross to upgradient location. The spill date is listed as December 12, 1991 and the incident was assigned the NYSDEC Spill No. 9109750. The cause of the spill is indicated as a tank overfill. The EDR report indicates that 42 gallons of #2 fuel oil were released into the soil. The spill was

closed on February 10, 1992. The EDR Report states the following: *"Cleanup satisfactory no further action. On driveway only, Mineola Fuel in process of cleaning up."* Since the spill incident has been closed, and only a minimal amount of materials were released, groundwater was not affected, Apex does not consider this incident to represent a REC.

- Our Lady of Hope, Cherry Lane / Broadway, Carle Place, NY was identified by EDR under the LTANKS and HIST LTANKS databases. The site is located 2,333 feet north of the Subject Property at a cross or upgradient location. The spill date is listed as December 5, 1987 and the incident was assigned the NYSDEC Spill No. 8707626. The cause of the spill is indicated as a tank test failure. The EDR report indicates that #2 fuel oil was released into the groundwater (no quantity given). The EDR Report states the following: *"Tank was removed by Volino on 5/4/88 in the presence of NCDH. No contamination was found. File has been destroyed according to state archive and record administrator retention/disposal procedures."* The spill was closed by the NYSDEC on September 15, 1989.

  An additional spill was identified on the above-referenced site under NYSDEC Spill No. 9005920 and spill date of August 16, 1990. The cause was listed as a tank overfill. The EDR Report indicates that #2 fuel oil was released into the soil (no quantity given). The EDR Report states the following: *"15 CU Yds. removed, cleanup complete. Tank removal, 10K."* The spill incident was closed by the NYSDEC on August 29. 1990. Since these spills have been investigated and closed and the tank has been removed, Apex does not consider these incidents to represent REC's.

- Belcher Fuel Oil Company, located at Rushmore Ave. and Westbury Ave., Carle Place, NY was identified by EDR under the LTANKS and HIST LTANKS databases. The site is situated 2,558 feet northwest of the Subject Property at a cross-upgradient location. The spill date is listed as March 13, 1989 and the incident was assigned NYSDEC Spill No. 8809569. The cause of the spill is indicated as a tank overfill. The EDR Report indicates that 400 gallons of #4 fuel oil were released into the sewer. The EDR Report states the following: *"NCFM on scene, requesting DEC to respond. Air pocket in line caused overflow. Hazmat unit on site. Belcher hired contractor for cleanup."* The spill was closed by the NYSDEC on July 29, 1991. Based upon the fact that the reported incident affected nearby sewers, which are self-contained, Apex does not consider this incident to represent a potential REC.

- Mitchel Field (no street address provided), Hempstead, NY was identified by EDR under the Formerly Used Defense Sites (FUDS) database. The site reported as situated 2,577 feet north / northeast of the Subject Property in an upgradient location. However, the 1947 and 1955 historical topographic maps reviewed by Apex identified Mitchel Field as located south of the Subject Property. The Federal Facility ID number is NY9799F1178 and the FUDS number is C02NY0645. The following provides a brief summary of the data provided in the EDR Report: *"The site was formerly occupied by troop encampments since the Revolutionary War. Abandoned tanks are present, and hazardous and toxic wastes could also be present. The property could potentially contain military munitions and explosives of concern and could represent an explosive hazard. The site is occupied by Hofstra University, Nassau Community College, Nassau Coliseum and Mitchell Sports Complex."* Based upon the fact that the site is currently situated approximately one-half mile donwgradient from the Subject Property, Apex does not consider this property to represent a REC.

- Roosevelt Field (no street address provided), Garden City, NY is identified by EDR under the FUDS database. The site is reportedly situated 3,181 feet east / southeast of the Subject Property at an upgradient location. The Federal Facility number is NY9799F8710 and the FUDS number is C02NY0997. The following is a brief summary of the data provided in the EDR Report: *"The site is a light industrial area with several TCE users/PRPS. The site was formerly occupied by an Aviation facility from 1909 to the mid 1900's and is currently occupied by a shopping center."* It should be noted that the site was identified by Apex in a 1941 Sanborn map as occupying a portion of the Subject Property. Based upon historic documentation which indicates that infrastructure associated with the former Roosevelt Field, and associated use of TCE potentially on portions of the Subject Property, the above site is considered a REC.

In accordance with Section 5 of ASTM-E 1527-05, Apex has reviewed the New York State and United States registries of Institutional Controls (IC) and Engineering Controls (EC). These registries were reviewed through the EDR database report. The former Roosevelt Airfield, of which the Subject Property was historically part of, was listed under the National Priority List (NPL) database as equipped with ICs and ECs. The NPL site was documented as having on-site contaminated groundwater conditions as a result of the use of trichloroethene (TCE) and tetrachloroethene (PCE) in former degreasing operations at the facility. Approximately four (4) former airplane maintenance hangars were identified in a 1941 Sanborn

map along Old Country Road at the northern side of the Subject Property, as discussed later in this report. Aircraft hangars are a potential source of subsurface contamination as aviation fuels, hydraulic fluids, and deicing fluids, which are typically stored and handle in such facilities, and may also have engine repair facilities that could utilize solvents and generate waste oils with volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and inorganics (e.g., from metal finishing of aircraft parts). Hangar door systems, especially on older hangar systems, often can use PCB-containing hydraulic fluids. As such, based upon the above former operations on the Subject Property, this site is considered a REC.

Additionally, Apex reviewed the database listing of unmapped sites, which are sites that have not been geocoded based upon a lack of sufficient data regarding their exact location. The review of unmapped sites did not identify properties that are likely to have adversely impacted the Subject Property.

4.2 Environmental Liens

No information regarding deed restrictions, AULs or environmental liens were identified on the Nassau County Assessor's Office online database for the Subject Property.

4.3 Physical Setting Sources

Sources consulted to characterize the physical setting of the Subject Property and results are presented below.

According to the USGS 7.5–minute topographic map Freeport Quadrangle, NY, 1994 (see **Appendix 5**), the Subject Property has an average land-surface elevation of approximately 85 feet above mean sea level (amsl). Elevation across the Subject Property does not vary significantly. The slope of the Subject Property is estimated between zero and three percent in a south / southwesterly orientation. Based upon site observations, storm water runoff follows the natural surface contours (southwestern declination), and is channeled to on-site storm water inlets located on the western and southern peripheries of the Subject Property, and is assumed to discharge to an off-site location. A network of open-grate storm water drywells are situated on the northern portion of the parking area associated with the Thomasville Home Furnishing building and the former Avis Office building. Apex's review of the

Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Map (FIRM) designated the Subject Property as Zone X, which is defined as an area outside of the 500-year flood plain.

The regional geology of Long Island consists of an aquifer system, which lies within the Atlantic Coastal Plain physiographic province, and is bounded on the north by Long Island Sound, on the east and south by the Atlantic Ocean and on the west by New York Bay and the East River. The evident surficial geologic features on Long Island are a product of continental glaciation. The geologic unit directly underlying the subject site, the Upper Glacial Aquifer, ranges from 100-to-440 feet in thickness, and consists of sandy and silty glacial till deposits grading downwards to finer sands and gravels. Two distinct zones characterize this unit. The upper zone (commonly 100-to-140 feet thick) consists of sandy and silty till deposits, and the lower zone (166-to-300 feet thick) consists of fine to medium sands grading to fine to coarse sands and fine gravels. The lower zone of this unit also contains thin, discontinuous lenses of silt and clay. Underlying the Upper Glacial Aquifer is the Magothy Formation, is characterized by Cretaceous deltaic sediments consisting of fine to medium sand and is interbedded with clay and sandy clay of moderate permeability and silt and clay of low to very low permeability. The basal 66-to-200 feet may commonly contain coarse sand and gravel. The Lloyd aquifer, which lies immediately above solid bedrock, is approximately 0–to-566 feet thick, and is found 200-to-1,800 feet below the surface. It contains fine to coarse sand and gravel with a clayey matrix with some layers of silty or solid clay. The Raritan clay separates the Magothy aquifer from the Lloyd aquifer.

Comparison of the water table elevation of 60 feet amsl in the Upper Glacial Aquifer, western Long Island-Plate 1A, dated April 1997 to the topographic map indicates that depth to groundwater is approximately 25-feet bgs (see **Figure 3**). The estimated groundwater flow direction is to the south / southwest. There may be localized variations in subsurface hydrology created by sewers, wells and other anthropogenic structures. Hydrologic conditions in the vicinity may be subject to variations in seasonal precipitation and geological conditions not evident during review of publicly available records. An accurate determination of groundwater flow at the Subject Property would require a site-specific groundwater study, which is beyond the scope of this Phase I ESA.

4.4 Historical Use Information

Apex reviewed historic information dating back to 1903 on the Subject Property. According to the EDR report, historic topographic maps and Sanborn maps, a portion of the Subject Property was previously occupied by Hazelhurst Aviation Field No. 1 until merging with the adjacent Roosevelt Field

and was utilized for aviation purposes through the late 1940s, and then was redeveloped circa 1948 by Bosch, which operated through the mid 1960s. As previously discussed, Bosch was a DOD contractor, involved in the development of computerized guidance systems for torpedo and rocket ordinances, aircraft fire defense systems and inertial guidance systems for intercontinental ballistic missiles. Circa 1970, American Machine and Foundry Company occupied the Subject Property. The EDR-City Directory Abstract identified multiple occupants from 1972 through 1997, the results of which are discussed hereafter.

Aerial Photographs

Apex contracted with EDR to conduct a search for historic aerial photographs covering the Subject Property and surrounding properties. Apex reviewed historic aerial photographs from the years 1953, 1957, 1966, 1974, 1976, 1980, 1985, and 1994. Historical aerial photographs reviewed are provided as **Appendix 4** to this report.

In the 1953 aerial photograph, the Subject Property appeared to be improved with one (1) large structure taking up much of the northeast portion of the Subject Property (likely representing the existing Avis building and Cendant building), of which are associated with paved-parking areas. Remnants of the former Roosevelt Field runways and taxiways are present to the west and southwest of the Subject Property. Roosevelt Raceway is located to the east of the Subject Property, and is comprised of two race tracks and an unpaved area utilized for parking. The race track was utilized for horse harness racing in the 1950's. The remaining surrounding properties appear to consist of residential uses to the north, commercial and / or industrial uses to the south and west, and the Meadow Brook Polo Field to the southeast.

In the 1957 aerial photograph, the Subject Property is depicted as similar from the 1953 aerial photograph with the exception that the currently existing manufacturing building located at the southeast corner of the Subject Property is now present. Portions of the horserace track originally located east / southeast of the Subject Property appeared to be razed and a new track constructed further to the southeast, in the former location of the Meadow Brook Polo Fields. Surrounding properties in all directions appeared similar, although higher density development is visible in comparison to the 1953 aerial photograph. Only a small portion of the Roosevelt Field runways are still visible. The Meadowbrook Parkway is now present to the west and south of the Subject Property.

In the 1966 aerial photograph, the Subject Property appears to be improved with two (2) additional structures (i.e., the Thomasville Home Furnishings building) on the northwestern and southeastern (i.e., the former storage building) segments. The remaining structures / areas appear unchanged in comparison to the 1957 aerial photograph. Portions of the former race track located east of the Subject Property have been razed and improved with four (4) likely commercial-use buildings and associated parking areas. However, due to the scale and quality of the photograph, it is not possible to ascertain surface types (e.g., paved or unpaved) for areas located east / southeast of the Subject Property. Additional improvements consisting of two (2) large structures are shown to the southwest of the Subject Property. Surrounding properties in all other directions appear similar to the 1957 aerial photograph.

In the 1974 aerial photograph, the Subject Property are depicted as essentially unchanged from the 1966 aerial photograph, although the difference between the Avis building and the Cendant building is more pronounced. Minor changes in the number of buildings in the surrounding properties have occurred.

In the 1976 aerial photograph, the Subject Property and surrounding properties are depicted as similar to the 1974 photograph.

In the 1980 aerial photograph, the Subject Property and surrounding areas are depicted as essentially unchanged from the 1976 aerial photograph. It should be noted that the large open areas to the east / southeast are now confirmed to be utilized as parking lots, and appear to potentially be paved.

In the 1985 aerial photograph, the Subject Property and surrounding areas are depicted as essentially unchanged from the 1980 aerial photograph. Surrounding properties appeared consistent with the 1980 aerial photograph.

In the 1994 aerial photograph, the Subject Property is depicted as essentially unchanged from the 1985 aerial photograph, with the exception of additional development on surrounding properties.

Historical Topographic Maps

Apex contracted with EDR to conduct a search for historic topographic maps covering the Subject Property and surrounding properties. Apex reviewed historic topographic maps for the years 1903, 1918, 1947, 1955, 1969, 1979, and 1994. Historical topographic maps from EDR reviewed are provided as **Appendix 5** to this report.

In the 1903 topographic map, the Subject Property and surrounding properties are depicted as undeveloped land. Anthropogenic development associated with Garden City and Hempstead are located well to the west and southwest, respectively. With what could potentially be Old Country Road is present to the north of the Subject Property.

In the 1918 topographic map, a facility identified as "Hazelhurst Aviation Field No. 1" occupies the Subject Property and surrounding properties. There are no details with respect to the infrastructure associated with this facility. Two properties identified as "Camp Albert L. Mills" and "Aviation Field No. 2" are located to the south of the Subject Property. The remaining areas appear to be sparsely developed with small road networks.

In the 1947 topographic map, the Subject Property is shown as improved with infrastructure consisting of a network of paved landing strips and taxiways, which is associated with Roosevelt Field. Old Westbury Golf Club and Meadow Brook Polo Field are present to the south and southwest. Residential development is depicted to the north and Roosevelt Raceway is present to the east of the Subject Property. An airport identified as "Mitchel Field" is depicted well to the south of the Subject Property.

In the 1955 topographic map, one (1) large building (likely the current Avis Office building and Cendant building) is located in the northeast corner of the Subject Property. The Meadowbrook Parkway and four (4) buildings are located on the adjacent property (former location of Roosevelt Field) to the south and west of the Subject Property . In general, the vicinity of the Subject property has undergone significant development since 1918. The remaining areas surrounding the Subject Property appear consistent with the 1947 topographic map described above.

In the 1969 topographic map, the Subject Property is depicted as improved with three (3) buildings, in addition to the large building(s) described above, and is developed in its current configuration. The airport to the south of the Subject Property is now identified as an abandoned airport. Roosevelt Raceway, situated to the east, has been razed and developed with three (3) buildings. The remaining areas surrounding the Subject Property appear to be consistent with the 1955 topographic map.

In the 1979 topographic map, the Subject Property appears to be developed in its current configuration. Surrounding properties appear consistent with the 1969 topographic map, with the exception of higher-density development.

The 1994 topographic map shows the Subject Property and the surrounding areas as consistent with the 1979 topographic map and current conditions for the Subject Property.

Sanborn Fire Insurance Maps

Apex contracted with EDR to conduct a search for historic Sanborn Fire Insurance Maps (Sanborn maps) covering the Subject Property and surrounding properties. These maps indicate the types and uses of structures at a property, and occasionally provide information regarding the presence of USTs or above-ground storage tanks (ASTs). Sanborn Maps dated 1941, 1961, 1963, and 1970 were available for review. A description of the maps is provided below:

The 1941 Sanborn map depicts four (4) airplane hangars on the northwestern portion of the Subject Property, which are associated with the former Roosevelt Field, Inc. The hangars are depicted as located where the Thomasville Home Furnishing building is currently located. Remaining portions of the Subject Property and surrounding areas are not detailed on the 1941 map.

On the 1961 Sanborn map, a large building is depicted on the northeastern portion of the Subject Property, which appears to be the current Avis building and the attached Cendant building. In addition, a small building is shown on the southeast corner of the Subject Property, which likely represents the existing manufacturing building. The remaining areas of the Subject Property are identified as paved

parking. The aforementioned buildings, as well as a building on the eastern adjoining property, are indicated as the "American Bosch Arma Corp., ARMA Division" (Bosch). A Long Island Rail Road (LIRR) siding borders the Subject Property to the south, followed by an additional Bosch building and Reeves Instrument Corp. The areas located north and east of Subject Property are not shown on the 1961 Sanborn map.

The 1963 Sanborn map identified one (1) additional small office building at the Subject Property, in addition to the two (2) buildings depicted in the 1961 map. This building is located on the northwest portion of the Subject Property, which is currently occupied by Thomasville Home Furnishings building. The areas located north and east of Subject Property are not detailed on the 1963 Sanborn map. The remaining portions of the Subject Property and surrounding properties appear consistent with the 1961 Sanborn map.

The 1970 Sanborn map identified one (1) additional small building on the southeast portion of the Subject Property, which likely represents the existing storage building. The large building shown in the northeast corner of the Subject Property appears to have been reconfigured, or at least more detail has been provided, and separated into an office building indicated as "American Machine and Foundry Co." In addition, LIRR siding transect the southern portion of the Subject Property. The areas located north and east of Subject Property are not shown in the 1970 Sanborn map. The remaining portions of the Subject Property and surrounding areas appear similar to the 1963 Sanborn map.

City Directories

Apex contracted EDR to conduct a search for City Directory listings for the Subject Property and surrounding properties. Apex reviewed city directory listings for the years spanning 1972 through 1997; however, these years are not necessarily inclusive.

The Subject Property was listed in the years 1972, 1977, 1982, 1987, 1992 and 1997. The following is a description of the above-indicated listings:

1972: Ambac Industries; Avis Rent-A-Car; Cross & Brown Real Estate; and, ITT Corporation;

1977: Avis Rent-A-Car; Avis Truck Rental; and, Cross & Brown Real Estate;

1982: Avis Car Leasing; Avis Rent-A-Car; Chemical Bank; and, We Try Harder Inc.;

1987: Anancomp Inc.; Avis Car N Amer; Cernitz H J Attorney; Chemical Bank; We Try Harder Inc.;

1992: Anancomp Inc.; Avis Rent-A-Car Nationwide; Cernitz H J Attorney; H Breecke CPA; J Forster Travel; and, We Try Harder Inc.; and,

1997: Anancomp Inc.; Avis World Headquarters; Avis Rent-A-Car Nationwide; Cernitz H J Attorney; Cylix Ommctn Corporation; We Try Harder Inc.; and, Wizcom International.

No surrounding properties identified in the city directory search presented a concern with respect to the Subject Property.

Prior Environmental Investigation

As previously discussed in **Table 3-1**, "User Provided Information," Apex reviewed several previous environmental investigations performed by others. Apex was provided with copies of the following reports:

- *"Phase I Environmental Site Assessment Report"*, prepared by Oxford Engineering Company, March 18, 2005;
- *"Phase 2 Records Review"*, prepared by Oxford Engineering Company, May 18, 2005;
- *"Phase 2 Environmental Site Assessment Report"*, prepared by Oxford Engineering Company, September 12, 2005;
- *"Underground Storage Tank Closure Report"*, prepared by Oxford Engineering Company, September 14, 2005 (documenting the removal of one (1) 4,000-gallon diesel fuel UST and one (1) 20,000-gallon No.6 fuel oil UST);
- *"Underground Storage Tank Closure Report"*, prepared by Oxford Engineering Company, April 4, 2006 (documenting the removal of one (1) 3,000-gallon No.2 fuel oil UST); and,
- Soil Mechanics' July-August 2009 Site Assessment data package (Apex provided with CD from Equity One, Inc. on October 2, 2009).

The following is a summary of findings following our review of the above-referenced documents:

- Prior to construction of the current buildings, the property was part of the Roosevelt Field airport complex. At least four (4) former airplane maintenance hangars were present

along Old Country Road at the northern side of the Property. Aircraft hangars are a potential source of subsurface contamination because they typically will house aviation fuels, hydraulic fluids, deicing fluids, and may also have engine repair facilities that could utilize solvents and generate waste oils with VOCs, SVOCs and inorganics (e.g., from metal finishing of aircraft parts). Hangar door systems, especially on older hangar systems, often used PCB-containing hydraulic fluids;

- Review of NCDOH files indicates that several UST systems were historically present on the Subject Property prior to the tanks that were recently removed in 2005. These historic tank systems included: two (2) 20,000-gallon USTs; one (1) 4,000-gallon UST and one (1) 1,000-gallon UST. These tanks were reportedly removed in 1998 and there were indications of contaminated soil observed by others at the time of removal;

- Following a review of the data presented by Soil Mechanics, elevated VOC concentrations (i.e., chlorinated VOCs exceeding NYSDOH Matrix 1 or Matrix 2 levels recommending soil vapor mitigation, or non-chlorinated / petroleum VOCs exceeding the 95th percentile, Building Assessment and Survey Evaluation [BASE] levels published by USEPA) were observed in all four (4) soil gas sampling locations, which were located outside of the building footprint(s);

- A replacement 20,000-gallon No. 6 Fuel Oil UST and a 4,000-gallon diesel UST were reportedly installed at the northeast corner of the former Cendant building (i.e., near the southeast corner of the Avis building) in 1999. These "new" tanks were reportedly removed in July 2005. Although the closure report did not indicate any contamination based upon soil gas screening, no soil sampling was conducted to verify closure at the time. However, subsequent soil borings performed by Soil Mechanics recently indicated the absence of significant soil impacts in the area of these former UST systems (discussed below);

- An out-of-service 3,000-gallon No. 2 Fuel Oil UST was present at the southeast corner of the parcel behind the former manufacturing building. Similar to the above-referenced UST closures, soil gas sampling did not indicate any concerns and subsequent soil borings and recent soil sampling performed by Soil Mechanics has indicated the absence of any significant contamination associated with the former UST system (discussed below);

- Nine (9) interior ASTs were historically present in association with an Avis Lube Fast Oil Change facility. As would be expected, these tanks likely contained oils, waste oils, and transmission fluids;

- As previously discussed, the former Bosch plant included both the Subject Property, in addition to lands situated directly south of the southeast portion of the parcel. As such, the southeast corner of the Property would have been directly in the heart of the former Bosch plant complex and immediately adjacent to the former main building of the Bosch plant, that was located just south of the present day site. Bosch was a defense contractor specializing in electronics and guidance systems. Defense contractors specializing in electronics often conducted manufacturing operations including plating for printed circuit boards (VOCs, inorganics) and various metal finishing operations (oils, VOCs, SVOCs, inorganics);

- A 275 gallon storage area for "Misc. Chemicals" was reported in the prior Phase I ESA Report completed by Oxford Engineering; however, the location of this area was not identified, nor were the specific chemicals stored;

- Four (4) elevator systems and associated hydraulic systems were previously identified at the Subject Property. Hydraulic fluids can contain VOCs and SVOCs, as well as PCBs. Subsequent sampling performed by others has indicated that PCBs were not present in the hydraulic fluids;

- Floor drains and sumps were observed throughout the on-site buildings during prior investigations;

- References indicated a "former leaching field" prior to sewer service at the facility. Based upon experience, most building wastes – both sanitary and industrial – often were discharged to leaching pools prior to the advent of hazardous waste disposal regulations and sewer connections. The results of a geophysical survey conditioned to locate leaching pools not previously identified by others on drawings was recently made available to Apex, in addition to subsequent sampling of the leaching pools, are discussed below;

- There are indications in the available files regarding Underground Injection Control (UIC) violations associated with floor drain discharges. It is possible these EPA Registered Class V UIC well violations are associated with the former leaching fields and the former Avis Lube operations, as the NCDOH implemented a programmatic UIC closure program related to oil change facilities at about the same time the violations were noted (early to mid 1990s);

- Thirty-one (31) transformers were reportedly noted throughout the Avis and Cendant buildings, although they were identified by others as "dry" type transformers, and as such should not pose a significant environmental risk. Other transformers were also noted on poles adjacent to the site and in the other buildings;

- No large-scale chemical storage areas were noted during the 2005 Phase I ESA completed by Oxford Engineering in the Avis, Cendant, Thomasville, or storage buildings (however, several battery storage areas containing sulfuric acid were identified). No information is reported regarding any possible former storage areas during the occupancy of prior tenants, including the Bosch facility as past military airbase usage;

- Seventeen (17) empty 55-gallon drums were noted in the former manufacturing building. While the drums were empty, their presence is indicative of past chemical usage;

- A large wooden tank was reported in the west end of the former storage building. Although the tank was apparently filled with water and was used in the past for testing of sonar equipment, no additional information was available. However, recent sampling performed by Soil Mechanics indicated the absence of any significant contamination associated with the water contained within the large wooden tank (discussed below); and,

- There are twenty-one (21) existing groundwater monitoring wells located on the Subject Property. Chlorinated VOC impacts to ground water have reportedly been detected off-

site and in association with the former Roosevelt Field operations; however, as of 1989, there were indications that the impacts did not extend toward the Subject Property. The presence of twenty-one (21) monitoring wells is indicative of significant site investigation activities. These existing wells (installed by others) were recently sampled by Soil Mechanics.

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

Apex representative, Mr. Greg Mendez-Chicas, performed a site inspection at the Subject Property on October 18, 2009, commencing at approximately 9:30 a.m. Weather conditions at the time of the inspection were sunny with a temperature of approximately 60 degrees Fahrenheit. Apex was not accompanied by any additional parties during the site inspection. In addition, Apex was not granted access to the Thomasville Home Furnishing building, and as a result, considers this a data gap. The following findings are reported as observed during the site inspection. Site photographs are provided as **Appendix 9**.

The site reconnaissance consisted of a visual inspection of the exteriors of five (5) on-site buildings and the interior of four (4) not-in-service on-site structures as well as outdoor portions of the Subject Property. The site reconnaissance did not include the inspection of the rooftops.

5.2 Site Setting and Observations

The Subject Property is assigned the address of 900 Old Country Road located in the Town of Hempstead, Village of Garden City, New York, which consists of a mixture of commercial, industrial, and residential properties. The Subject Property consists of 21.858 acres of land, and is currently occupied by five (5) buildings and associated paved-parking lots and landscaped areas. As discussed throughout this report, the Subject Property is improved with five (5) buildings. The Thomas Home Furnishing building was the only in-use structure, the interior of which could not be inspected as part of the Phase I ESA. The remaining four (4) on-site buildings consisted of the following:

- The Avis building which appears to have been historically utilized for office use;
- The Cendant building, which is the largest building of the Subject Property, was historically utilized by Bosch and the Machine and Foundry Company, likely for manufacturing purposes. Cendant and / or Avis may have potentially utilized the building for rental-vehicle servicing purposes;

- The manufacturing building was utilized by Bosch for manufacturing purposes and the storage building was likely utilized for storage purposes, as well as potentially sonar testing, as evidenced by the large wooden open-top storage tanks which currently contains what appears water.

In general, the four out-of-service buildings are in poor / dilapidated condition with damage evident to roof-top systems, windows, floors, walls, etc. In the Avis and Cendant buildings, evidence was observed of water intrusion / high-humidity stagnant interior-air conditions (e.g., significant mold growth); vandalism to illegally salvage copper piping and other valuable building materials (damage to suspended ceiling tiles, dismantled drywall to expose pipes, damaged floor tiles, etc.); near the access doors, pigeon dropping were observed; and, a property squatter was encountered in the Avis building.

The out-of-service manufacturing building was equipped with a concrete-slab four. Several interior floor drains were observed. There were miscellaneous materials staged / observed throughout the building included a dilapidated vehicle; a fork lift; masonry bricks; 17, empty 55-gallon drums; and, various debris. The building is in very poor shape with open / broken doorways / windows and is not secured.

The storage building is also in poor shape and miscellaneous debris was observed throughout. One floor drain and one trench drain were observed. This building is also in very poor shape and a large portion of the second storey floor has collapsed.

The exterior portions of the Subject Property are dominated by asphalt-paved parking with minor amounts of landscaped areas. There was abundant evidence of former excavation activities (e.g., backfilled and open excavations, stockpiled soils, exposed drywell covers, etc). As discussed later, many of these excavations are believed to be potentially related to UST removal actions and evaluation of sub-grade leaching structures.

A photolog detailing the results of the site reconnaissance is included in **Appendix 9**. Please note that observation made with respect to specific issues of environmental concern (e.g., USTs, leaching structures, drainage systems, building internal / exterior conditions) are discussed in detail in Section 7.0 of this report.

6.0 INTERVIEWS

No individuals with knowledge of past and / or current use of the Subject Property or adjoining properties were available during the site reconnaissance for interview.

Freedom of Information Act (FOIA)

Apex submitted written FOIA requests to the NYSDEC, NCDOH, NCFM and the TOHBD regarding the Subject Property and surrounding properties regarding potential environmental concern. To date, no FOIA responses have been received by Apex and as such, no interviews of local government representatives have been performed. It is also anticipated that any interviews of government officials would produce only information that is duplicative of information already obtained from other sources. Upon receipt, all FOIA requests will be forwarded to the client should their response significantly alter the findings of this Phase I ESA. In Apex's opinion, based on the information obtained during this Phase I ESA, this data gap is not significant. FOIA requests are included as **Appendix 8** of this report.

7.0 FINDINGS

7.1 Historical Site Activities

Apex reviewed historic information dating back to 1903 on the Subject Property. According to the EDR report and historic topographic and Sanborn maps, a portion of the Subject Property was previously occupied by Hazelhurst Aviation Field No. 1 until merging with the adjacent Roosevelt Field and was utilized for aviation purposes through the late 1940s, and then redeveloped circa 1948 by Bosch, which operated through the mid 1960s. As previously discussed, Bosch was a DOD contractor, involved in the development of computerized guidance systems for torpedo and rocket ordinances, aircraft fire defense systems and inertial guidance systems for intercontinental ballistic missiles. Circa 1970, American Machine and Foundry Company occupied the Subject Property. The Cendant building was potentially utilized for rental-car servicing activities. All of these former uses may have potentially resulting in the use, handling and / or the disposal of a wide range of contaminants including petroleum and solvent related VOCs, oil-related SVOCs, various heavy metals and / or PCBs. The EDR-City Directory Abstract identified multiple occupants from 1972 through 1997 (i.e., Anacomp Micro Graphics, Ambac Industries, We Try Harder, Inc., Avis Rent-A-Car World Headquarters, Cross & Brown Real Estate, etc.), of which no further information was available for review.

7.2 Off-Site Activities

Apex did not visually observe any uses or activities at adjoining or on the surrounding properties that are considered to be a REC with regard to the Subject Property during the site reconnaissance. However, as discussed in Section 4.0, EDR and historical information reviewed by Apex identified several up- and crossgradient sites, with impacts of which could have potentially affected the Subject Property via the migration of underlying groundwater.

7.3 Storage Tanks

Apex did not observe any USTs or ASTs during the site reconnaissance. However, multiple excavations and patched asphalt areas were noted surrounding the exterior perimeter of the Cendant building, storage building and the manufacturing building, likely indicative of former USTs and

subsequent removal activities. One detached vent pipe was observed as protruding from the rear portion of the storage building, and located directly above a backfilled excavation. As discussed earlier, two (2) 20,000-gallon USTs; one (1) 4,000-gallon UST, one (1) 1,000-gallon UST and one (1) 3,000-gallon UST were formerly identified by others as located on the Subject Property. Subsequently, the above USTs were reportedly removed. Also nine (9) interior ASTs were historically present in association with an Avis Lube Fast Oil Change facility which was believed to be present in the Cendant building. As would be expected, these tanks contained oils, waste oils, and transmission fluids.

As further evidence of the former presence of USTs, the Subject Property was identified on the UST databases by EDR with one (1) 20,000-gallon indoor, fiberglass No. 6 fuel oil UST (installed October 19, 1998); one (1) 1,000-gallon outdoor, steel No. 2 fuel oil UST; one (1) 4,000-gallon outdoor, steel No. 2 fuel oil UST; and, two (2) 4,000-gallon outdoor, steel diesel USTs.

7.4 Hazardous Substances and Petroleum Products

According to historic documentation, the Subject Property formerly utilized and stored petroleum products, and may have potentially used hazardous chemicals in former aviation operations and / or manufacturing operations including plating for circuit boards or metal finishing; and / or, rental-vehicle maintenance activities. A 275 gallon storage area for "Misc. Chemicals" was reported in the prior Phase I ESA Report completed by Oxford Engineering; however, the location of this area was not identified, nor were the specific chemicals stored. Seventeen empty 55-gallon drums were noted in the former manufacturing building. While the drums were empty, their presence is indicative of past chemical usage. Based upon the available information, it appears that the suspect activities were conducted in the former Cendant building, storage building and manufacturing building. The Avis building appears to have been solely used for office uses. No information with respect to the activities conducted in the Thomasville Home Furnishings building were made available.

7.5 Solid Waste

Apex did not observe evidence of hazardous waste disposal activities at the Subject Property during the site reconnaissance. The EDR report did identify the Subject Property as RCRA-conditionally exempt small quantity generator. One large roll-off dumpster labeled as property of Jamaica Ash Co. was

observed on the east side of the former Cendant building. Two trash dumpsters were observed on the west side of the Thomasville Home Furnishing building in a chain-link fence enclosure.

Multiple stockpiles of concrete, asphalt and soil were observed on the southern, eastern and western portions of the Subject Property in the paved-parking areas. The above appeared to be a result of previous investigations and / or removal activities undertaken at the Subject Property. Various debris (e.g., paper, wiring, refuse, shopping carts, etc.) was discarded throughout the interior of the unoccupied buildings. An abandoned automobile was also observed in the former manufacturing building, along with an abandoned forklift.

7.6 Polychlorinated Biphenyls (PCBs)

Apex visually inspected the Subject Property for the presence of electrical equipment that could potentially contain PCBs, an environmentally-regulated material used in the dielectric fluid in some electrical equipment. The Long Island Power Authority (LIPA) currently provides subgrade electrical services to the Subject Property.

Thirty-one (31) transformers were reportedly noted throughout the Avis and Cendant buildings, although they were identified by others as "dry" type transformers that should not pose a significant environmental risk. Other transformers were also observed on poles adjacent to the site and in the other buildings.

Historic use of, and presence of, related infrastructure at the Subject Property for aviation purposes indicates the potential on-site use of hydraulic fluids which could have potentially contained PCBs. Further, equipment / processes associated with historic manufacturing activities could also have resulted in the use of PCB-containing materials.

Four (4) elevator systems and associated hydraulics systems were previously identified at the Property. Hydraulic fluids typically found in the above can contain VOCs and SVOCs, as well as PCBs. Subsequent sampling performed by others has indicated that PCBs were not present in the hydraulic fluids.

Fluorescent, metal halide and incandescent lights were observed to illuminate on-site buildings. U.S. EPA regulations require that fluorescent light ballasts manufactured after July 1, 1978, contain no PCBs and be labeled as such. Apex inspected fluorescent light ballasts located in the Subject Property buildings to the extent practical, of which all were observed to contain no PCBs. However, due to the excessive amount of fluorescent light ballasts, limited accessibility, scattered debris, dilapidated building conditions, etc., Apex does not guarantee that all ballasts are non-PCB containing, and as such, should be appropriately addressed upon removal.

Based upon the age of the on-site buildings (constructed between 1948 and 1969), it is likely that the fluorescent light ballasts may contain PCBs. No leaks, stains or other evidence of release from the aforementioned equipment was observed during site reconnaissance.

7.7 Drains and Sumps

Floor drains and sumps were observed throughout the on-site buildings during investigations. A floor drain in the former Uninterruptable Power Supply (UPS) room was observed in the former Avis Office building. A floor drain system and associated oil / water separator (OWS) were observed near the loading dock in the former Cendant building. The discharge location for these drains is unknown and may be related to the leach fields discussed previously.

Several floor drains, including one (1) trench drain, were observed throughout the storage building and the former manufacturing building, with the discharge locations unidentified.

Apex observed one sump associated with a floor drain network in the Cendant building. Standing liquid (green colored resembling anti-freeze) was present in the bottom portion of the sump.

Other floor drains were noted during previous investigations, however, as a result of limited lighting, hazardous conditions, scattered debris, etc. Apex did not observe any additional drains or sumps throughout the building during site reconnaissance.

7.8 Wastewater and Septic Systems

Previous investigations conducted by others references "former leaching fields" prior to facility hookup to the municipal sewer system at the Subject Property. Apex observed several unearthed asphalt sections with exposed potential UIC well covers (solid) throughout the Subject Property's asphalt paved-parking areas. Based upon experience, most building wastes – both sanitary and industrial – often were discharged to UIC systems prior to the advent of hazardous waste disposal regulations and sewer connections. Typically, UIC systems are constructed in clusters and further investigation is recommended.

In addition, there are indications in the previous investigations conducted by others regarding UIC violations associated with floor drain discharges. It is possible these Class V UIC well violations are associated with the former leaching fields and the former Avis Lube operations as the NCDOH implemented a programmatic UIC closure program related to oil change facilities at about the same time the violations were noted (early to mid 1990s).

7.9 Wells

During the site reconnaissance, Apex observed twenty-one (21) groundwater monitoring wells on the Subject Property. No additional wells were observed during Apex's site reconnaissance.

7.10 Other Physical Evidence of Contamination

Apex observed fluorescent tubes; lamps, metal halide bulbs, heat sensors, wall mounted thermostats and thermometers throughout the interior portions of the former Avis Office building, Cendant building, the manufacturing building and the storage building at the Subject Property. Although not included in the Scope of Work (SOW) proposed under this Phase I ESA, it should be noted these items typically contain mercury and / or metals and as such, require assessment, proper containerization and disposal prior to renovation or demolition activities. In addition, Apex was not provided access to the Thomasville Home Furnishings building, and as such is considered a data gap.

The floor surfaces in the interior of the Cendant building, storage building and manufacturing building were observed to be covered with large quantities of pigeon droppings and may be a source of

disease or bacteria. Apex recommends the implementation of proper personal protection for persons entering the above-indicated areas.

In addition, as a result of limited lighting and hazardous conditions in the interior portions of the four (4) on-site structures, Apex inspected the above areas to the extent practical, and considers the above conditions to be a data gap with respect to the site reconnaissance.

8.0 CONCLUSIONS AND OPINIONS

Apex performed a Phase I ESA of the former Avis Headquarters Office property located at 900 Old Country Road, in the Town of Hempstead, Village of Garden City, New York. The Subject Property has been assigned the Nassau County Tax Map No. Section – 44, Block – 67, and Lot Nos. – 26, 27 and 28. The Subject Property consists of 21.858 acres of land, and is currently occupied by five (5) buildings and associated paved-parking lots and landscaped areas. The five (5) on-site buildings consist of one (1) three-story former Avis Office building, one (1) one-and-one-half story former Cendant building, one (1) one-story in-use Thomasville Home Furnishings building, one (1) one-and-one-half story storage building, and one (1) one-story manufacturing building (formerly utilized by Bosch). All of the buildings, with the exception of the Thomasville Home Furnishings building, are unoccupied.

The Subject Property is currently owned by the Simon Property Group (Simon) and formerly served as the world headquarters for Avis Rent-A-Car. However, a review of historic documentation indicates the Subject Property was occupied by Bosch, a DOD contractor, circa 1948 through the mid-1960s, prior to which a portion of the Subject Property was associated with Roosevelt Airfield and Hazelhurst Aviation Field No. 1, from 1918 than 1948. No further information pertaining to previous occupants was available for review.

This Phase I ESA was conducted in accordance with the detailed scope of work outlined in Apex's proposal to Equity One dated October 8, 2009. The assessment was conducted from September 10, 2009 through September 21, 2009, and included a site inspection, and a review of historical and regulatory records. The purpose of this Phase I ESA is to perform all appropriate inquiries into the previous ownership and uses of the Subject Property consistent with good commercial or customary practice for a possible transaction involving the Subject Property and to permit a User to qualify for one of the landowner liability protections as identified by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

Apex has performed this Phase I ESA of the Westbury Plaza Shopping Center addressed as 900 Old Country Road, Garden City, New York in conformance with the scope and limitations of ASTM Practice E 1527-05. Any exceptions to, or deletions, from this practice are described in

Section 1.0 of this report. This assessment has revealed evidence of recognized environmental conditions (RECs) at the Subject Property and which require further investigation. The following RECs were noted in Apex's review of historical information and during the site reconnaissance:

- The Subject Property, located at 900 Old Country Road, was identified on the EDR report under the LTANKS database, and assigned the NYSDEC Spill No. 8707057. According to the LTANKS database on the EDR report, on November 18, 1987, an unknown quantity of diesel fuel oil impacted groundwater underlying the Subject Property as a result of one (1) 1,000-gallon tank and two (2) 4,000-gallon tanks, which were found to be leaking. All tanks were reportedly removed, along with 270-yards of impacted soils, and no further action was required. The spill incident was closed by the NYSDEC on August 22, 1988.

- Groundwater samples were collected from twenty-one (21) monitoring wells in July 2009 by Soil Mechanics and analyzed for VOCs, SVOCs, and TAL Metals. The only SVOC detected in groundwater was bis(2-ethylhexyl)phthalate, ranging in concentrations from 20 micrograms per liter (ug/L) to 50 ug/L. However, the detection of bis(2-ethylhexyl)phthalate could likely be due to lab or field contamination because this constituent is a common plasticizer and was identified in fifteen (15) of the monitoring wells sampled (MW-5 through MW-19) at low concentrations. The main VOCs of concern detected in groundwater at concentrations above the NYS Class GA Groundwater Quality Standards consisted of PCE, TCE, and methylene chloride. PCE was detected in MW-9 and MW-17 at concentrations of 26.4 ug/L and 27.5 ug/L, respectively. TCE was detected in MW-11 and MW-12 at concentrations of 12.9 ug/L and 13.7 ug/L, respectively. Methylene chloride was also detected at a concentration of 7.5 ug/L from the groundwater sample collected at MW-18. The NYS Class GA Groundwater Quality Standard for each of these constituents is 5 ug/L. According to the data presented by Soil Mechanics, several metals were detected in groundwater at concentrations exceeding the NYS Class GA Groundwater Quality Standards. The metals exceeding standards included arsenic, barium, chromium, iron, lead, manganese, and nickel.

- Nine (9) interior ASTs were present historically in association with an Avis Lube Fast Oil Change facility. As would be expected, these tanks contained oils, waste oils, and transmission fluids.

- The former Bosch plant included both the Subject Property and lands directly south of the southeast portion of the current parcel. As such, the southeast corner of the Property would have been directly in the heart of the former Bosch plant complex (i.e., immediately adjacent to the former main building of the Bosch plant that was located just south of the present day site). Bosch was a defense contractor specializing in electronics and guidance systems. Defense contractors specializing in electronics often possessed manufacturing operations including plating for printed circuit boards (VOCs, inorganics) and various metal finishing operations (oils, VOCs, SVOCs, inorganics).

- Following a review of the data presented by Soil Mechanics, elevated VOC concentrations (i.e., chlorinated VOCs exceeding NYSDOH Matrix 1 or Matrix 2 levels recommending soil vapor mitigation, or non-chlorinated / petroleum VOCs exceeding the 95th percentile, BASE levels published by USEPA) were observed in all four (4) soil gas sampling locations, which were located outside of the building footprint(s).

- Review of NCDOH files indicates that several UST systems were historically present on the subject property prior to the tanks that were more recently removed in 2005. These historic tank systems included: two (2) 20,000-gallon USTs; one (1) 4,000-gallon UST and one (1) 1,000-gallon UST. These tanks were reportedly removed in 1998 and there were indications of contaminated soil excavation observed by others at the time of removal.

- A replacement 20,000-gallon UST (No. 6 Fuel Oil) and 4,000-gallon UST (diesel) were reportedly installed at the northeast corner of the former Cendant Building (i.e., near the southeast corner of the Avis Building) in 1999. These "new" tanks were reportedly removed in July 2005. Although the closure report did not indicate any contamination based upon soil gas screening, no soil sampling was conducted to verify closure at the time. However, subsequent soil borings performed by Soil Mechanics recently have indicated the absence of significant soil impacts in the area of these former UST systems.

- A former 3,000-gallon No. 2 Fuel Oil UST was present at the southeast corner of the parcel behind the former manufacturing building. Similar to the above-referenced UST closures, soil gas sampling did not indicate any concerns and subsequent soil borings and

recent soil sampling performed by Soil Mechanics has indicated the absence of significant contamination associated with the former UST system. The tank was removed on March 14, 2006.

- A portion of Roosevelt Airfield was identified on a 1941 Sanborn map as being historically located at the northern portion of the Subject Property. Roosevelt Airfield was identified on the EDR report under the NPL database. The site was indicated to have impacted on-site groundwater conditions as a result of the use of TCE and PCE in facility degreasing operations. In addition, according to a 1918 historic topographic map, the Subject Property was formerly occupied by Hazelhurst Airfield No. 1 until merging with Roosevelt Field in 1929.

  The former aviation operations discussed above included four (4) former airplane maintenance hangars in the 1941 Sanborn maps along Old Country Road at the northern side of the Subject Property. Aircraft hangars are a potential source of subsurface contamination because they typically will house aviation fuels, hydraulic fluids, deicing fluids, and may also have engine repair facilities that could utilize solvents and generate waste oils with VOCs, SVOCs and inorganics (e.g., from metal finishing of aircraft parts). Hangar door systems, especially on older hangar systems, often use PCB-containing hydraulic fluids.

- Evidence of unearthed UIC structures were observed by Apex at the Subject Property. In addition, previous reports prepared by others, referenced "former leaching fields" prior to sewer service connections at the Subject Property. Based upon experience, most building wastes – both sanitary and industrial – often were discharged to leaching pools prior to the advent of hazardous waste disposal regulations and sewer connections. In July-August 2009, Soil Mechanics collected one (1) soil sample from each dry well / leaching pool location (total of twelve [12]) and it was analyzed for VOCs, SVOCs, TAL Metals, and TPHC. The soil sampling analytical results indicated that several SVOCs and metals were detected at concentrations exceeding the NYSDEC Unrestricted Use Soil Cleanup Objectives in eleven (11) of the twelve (12) dry wells / leaching pools sampled. In some cases, the concentrations were reported one to two orders of magnitude greater than the NYSDEC Unrestricted Use Soil Cleanup Objectives. In addition, four (4) inactive Subject

Property buildings contain floor drains in areas of former chemical use and storage, which lead to the leach pool systems.

Based upon the results of the Phase I ESA, the foregoing RECs were identified in association with the Subject Property. As such, Apex recommends the conduct of a Phase II ESA at the Subject Property, the Scope of Work (SOW) of which has been submitted under a separate cover.

9.0 ENVIRONMENTAL PROFESSIONALS

9.1 Signatures of Responsible Environmental Professionals

We declare that, to the best of my professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in § 312.10 of 40 CFR Part 312, and we have the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the *Subject Property*. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Greg Mendez-Chicas
Greg Mendez-Chicas
Environmental Scientist

Richard J. Baldwin, CPG, PG
Project Director

9.2 Qualifications of Responsible Environmental Professionals

Mr. Greg Mendez-Chicas, Environmental Scientist, was the environmental professional in charge of data collection, preparation and the site reconnaissance for the Phase I ESA. Mr. Mendez-Chicas has a B.S. in Environmental Science from the New York State University of Plattsburgh and is familiar with the current ASTM Practice E-1527-05, and has over two-years experience in the conduct of Phase I ESAs.

Mr. Richard J. Baldwin was the principal environmental professional in charge of overseeing the project. He has a B.A. in Geology from the San Francisco University and completed graduate courses at San Jose State University and has over 22 years of experience performing a wide variety of environmental assessments. Mr. Baldwin is familiar with the current ASTM Practice E-1527-05. Mr. Baldwin has been responsible for the environmental due diligence and environmental oversight for numerous projects across the United States. In assisting to Phase I ESA experience, Mr. Baldwin has experience investigating, designing and construction of remediation projects; negotiating air, water and solid waste disposal permits; preparing hazardous materials response plans, preparing spoil prevention contingency and

countermeasure plans, preparing summary reports, preparing emergency response plans, and preparing compliance plans for industrial facilities and large construction projects.

APPENDIX 1

Scope of Work / User Provided Information

Apex Companies, LLC.
New York Division
120-D Wilbur Place
Bohemia, New York 11716
Telephone: 631-567-1777
Facsimile: 631-567-1967

October 8, 2009

Mr. Robert J. Malagon
V.P. of Development
Equity One, Inc.
1600 N.E. Miami Gardens Drive
North Miami Beach, Florida 33179

Re: Revised Proposal for Due Diligence Environmental Services
Former Avis Headquarters Building Property
900 Old Country Road, Garden City, New York

Dear Mr. Malagon,

In accordance with the request of Ms. Tracy Heard Brown of Morris, Manning & Martin, LLP (MMM) on behalf of Equity One, Inc. (Equity One), Apex Companies, LLC (Apex) is pleased to present this revised proposal for due diligence environmental services related to the above-referenced site. This revised proposal has been prepared based on the results of the following site-related activities performed by Apex:

- Completion of a site visit / inspection to identify potential areas of concern that may warrant additional investigation (September 28, 2009);
- Completion of a limited geophysical survey to identify site anomalies that could potentially be former / current tank locations, leaching pools, or process piping systems (September 30 through October 1, 2009);
- Completion of groundwater sampling activities from all twenty-one (21) existing site monitoring wells (September 29 through October 1, 2009); and,
- Review of recent site assessment data compiled by Soil Mechanics (Apex provided with CD containing figures, data tables, and analytical results on October 2, 2009).

It is understood that the following strict deadlines apply to the work to be performed:

- Completion of all Phase II Environmental Site Assessment (ESA) field work and analytical testing by October 16, 2009;
- Review of previously identified asbestos-containing materials (ACM) data, completion of a limited confirmatory asbestos investigation, and any necessary data gap analyses by October 16, 2009; and

- Preparation and submission of the final Phase I ESA and ACM reports, and the submittal of a Phase II ESA summary report (bullet text, tables, and figures) indicating any significant areas of concern by October 26, 2009. The final Phase II ESA report (complete) will be provided by November 2, 2009.

A signed copy of this proposal will be required prior to beginning intrusive site activities (e.g., coring, leach pool sampling) on Monday, October 12, 2009.

The following is a summary of the scope of work proposed to meet project requirements. Please note that several of these tasks were already completed (with client approval) prior to the recent "re-start" of environmental activities following the short delay requested by the client.

Task 1: PHASE I ESA SERVICES:

Apex proposes to conduct a Phase I ESA of the subject property, which will include an overview of site history, an environmental incident and regulatory agency review, and a site reconnaissance in accordance with the following.

1.1 Overview of Site History

To develop an overview of site history, Apex will review reasonably ascertainable standard and other historical sources including:

- aerial photographs;
- interviews with current and known historic property owners (as available);
- historic maps such as Sanborn Fire Insurance Maps (if available);
- review a chain of title, environmental reports, or other documentation provided by the client (Apex's price quotation does not include purchase of a chain-of-title report or environmental lien search), and;
- historic city street maps and business directories (if available).

1.2 Records Review and Interviews

Apex will obtain reasonably ascertainable environmental incident and regulatory information from standard and additional environmental record sources as defined by the American Society for Testing Materials (ASTM) Standard for Phase I ESAs. Additionally, Apex will solicit information from interviews and Freedom of Information Law (FOIL) requests. Apex will also review reasonably ascertainable records at Federal, State, and Local levels that may indicate the presence of known or alleged hazardous waste sites and/or pollution complaints in the vicinity of the subject property. However, it is important to note that given the short duration of the project, it is unlikely that FOIL responses and access to records will be received by the deadlines specified by MMM.

Section 5 of ASTM E-1527-05 requires that the environmental professional review State registries of Engineering Controls or Institutional Controls (EC/IC) in order to evaluate whether Activity and Use Limitations (AULs) or Environmental liens have been registered for the subject property. Apex will review this information if such information is provided by MMM or other parties.

Apex will attempt to conduct interviews with local regulatory officials as required by the ASTM Standard for Phase I ESA, but notes that regulatory agencies often require submission of a written information request through the FOIL process and as discussed previously it is unlikely that a regulatory official will be available before the target completion dates for this fast-tracked project. If completing an on-site review of files appears necessary, Apex will contact the client and issue a proposal for conducting this task after the initial deadlines and the findings will be issued as an addendum to any reports, if warranted.

1.3 User Responsibilities

In order to complete the records review and interviews in a manner consistent with the ASTM 2005 Standard Practice for Phase I ESAs, Apex requests that we be provided with the following information outlined as User Responsibilities in Section 6 of ASTM E-1527-05:

- Results of the User conducted review of Title and Judicial Records for Environmental Liens or AULs at the subject property.
- Specialized knowledge or actual knowledge of the User pertaining to environmental liens or AULs that may be encumbering the subject property at the subject property.
- Consideration of the relationship of the purchase price of the subject property to its fair market value if it were not affected by hazardous substances or petroleum.
- Commonly known or reasonably ascertainable information regarding potential contamination on the subject property.
- Other information such as prior environmental reports pertaining to the subject property that may aid in the identification of recognized environmental conditions in connection with the subject property.

Some of this information has already been provided on the CD received on September 25, 2009.

A User Questionnaire for the site is provided for your completion and submittal to Apex for its use in performing this Phase I ESA. User information not provided to Apex prior to completion of this report will be noted as a data gap as specified by the ASTM E1527-05 Standard Practice.

1.4 Site Reconnaissance

Apex will conduct a one-time site reconnaissance of readily accessible areas of the subject

property to visually evaluate potential sources of contamination including the presence of hazardous substances, wastes, or petroleum products, refuse dumps, visual evidence of aboveground or underground storage tanks, drums, barrels or other storage containers, transformers, electrical or hydraulic equipment, and other readily observable evidence of contamination such as distressed vegetation, stained soil, odors, or other topographic anomalies (note Apex completed the majority of this task during our September 28, 2009 site visit). As these features or activities are identified, their impact on the respective site will be evaluated to the extent feasible at this level of investigation.

During the site reconnaissance, Apex will note general site characteristics. In addition, Apex's site reconnaissance will include readily visible areas of adjacent and surrounding properties with the intent of identifying those that may potentially impact the subject property.

It should be noted that, except as noted below under the Phase II ESA Scope of Services, Apex's Phase I site reconnaissance will be non-intrusive in nature. However, additional intrusive work including sampling or testing of building materials, soil, and groundwater is included in the Phase II ESA Scope of Work discussed under Task 2 of this proposal. Additionally, Apex's scope of work explicitly excludes conducting lead-based paint, radon, and lead in drinking water testing/sampling, wetlands determination/delineation, regulatory compliance, cultural resources, industrial hygiene, health and safety, ecological resources, endangered species, and high voltage powerline assessments. A Property Condition Assessment (PCA) is *not* included in Apex's Scope of Work.

Apex will issue a separate Phase I ESA report for the site (i.e., it will not be combined with the Phase II ESA Report or Asbestos Evaluation Report). Limitations in accuracy and interpretation that are inherent in performing the respective tasks will also be summarized in the report. Conclusions and recommendations will be based strictly on the above-outlined scope of work and conditions existing at the time of the respective investigation, as well as on information available to Apex within a reasonably ascertainable time period which for this project shall mean before October 26, 2009.

Apex has already initiated work on this project based upon email authorization to proceed; however, additional intrusive site work (i.e., sampling, coring, etc.) will not be initiated until a signed copy of this proposal is received. Apex has based its pricing and schedule on the following assumptions:

- Apex will receive a signed contract authorizing Apex to proceed prior to Monday, October 12, 2009.
- Apex will be provided with a dedicated site contact for the property that has knowledge of our investigation, and will be available to provide access to the site, or we will be given permission to access all areas of the property for purposes of the site inspection.

- Apex assumes that it will have no access encumbrances during its field inspection.

- Apex's deliverables will consist of electronic Draft and Final reports to be delivered via email as well as three hard copies of its Final reports to be delivered using regular mail.

TASK 2: PHASE II ESA SERVICES

Due to the schedule constraints, it is not possible to perform a Phase I and Phase II ESA linearly (i.e., The Phase I is completed first and the scope of services for the Phase II is then based upon the Phase I results). For this reason, Apex has already initiated review of documents made available to us and Phase I and Phase II field tasks will be completed simultaneously.

Although several documents including former Phase I and Phase II ESA's were provided for Apex review, there is very little detailed information provided in the reports with respect to the specific locations of former operational areas. As a result, many of the specific sampling locations for the proposed Phase II ESA will have to be determined in the field based upon observations. Based upon preliminary review of documents, the following potential areas of concern were identified for additional investigation during the proposed Phase II ESA:

- Prior to construction of the current buildings, the property was part of the Roosevelt Field airport complex. At least two (2) former airplane maintenance hangars were present along Old Country Road at the northern side of the Subject property. Aircraft hangars are a potential source of subsurface contamination because they typically will house aviation fuels, hydraulic fluids, deicing fluids, and may also have engine repair facilities that could utilize solvents and generate waste oils with Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs) and inorganics (e.g., from metal finishing of aircraft parts). Hangar door systems, especially on older hangar systems, often can also use PCB-based hydraulic fluids;

- Review of Nassau County Department of Health (NCDH) files indicates that several UST systems were historically present on the subject property prior to the tanks that were more recently removed in 2005. These historic tank systems included: two (2) – 20,000 gallon; one (1) 4,000 gallon UST and one (1) 1,000 gallon UST. These tanks were reportedly removed in 1998 and there were indications of contaminated soil excavation observed by others at the time of removal.

- A replacement 20,000 gallon UST (No. 6 Fuel Oil) and 4,000 gallon UST (diesel) were reportedly installed at the northeast corner of the former Cendant Building (i.e., near the southeast corner of the Avis building) in 1999. These "new" tanks were reportedly removed in July 2005. Although the closure report did not indicate any contamination based upon soil gas screening, no soil sampling was conducted to verify closure at the time. However, subsequent soil borings performed by others recently have

indicated the absence of significant soil impacts in the area of these former UST systems;

- A former 3,000 gallon No. 2 Fuel Oil UST was present at the southeast corner of the parcel behind the former manufacturing building. Similar to the above-referenced UST closures, soil gas sampling did not indicate any concerns and subsequent soil borings and sampling performed by others has indicated the absence of any significant contamination associated with the former UST system;

- Nine (9) interior aboveground storage tanks were present historically in association with an Avis Lube Fast Oil Change facility. As would be expected, these tanks contained oils, waste oils, and transmission fluids;

- Based upon review of available Sanborn maps, the former Bosch Arma plant included both the subject property and lands directly south of the southeast portion of the current parcel. As such, the southeast corner of the site would have been directly in the heart of the former Bosch Arma plant complex and immediately adjacent to the former main building of the Bosch Arma plant that was located just south of the present day site. This area warrants investigation given that Bosch Arma was a defense contractor specializing in electronics and guidance systems. Defense contractors specializing in electronics often possessed manufacturing operations including plating for printed circuit boards (VOCs, inorganics) and various metal finishing operations (oils, VOCs, SVOCs, inorganics);

- There were several noted leaking USTs within 0.125 miles of the subject property. These included a Northville site to the north-northwest, a Pepsi site to the south-southwest, and an office complex to the south-southeast. Given the close proximity of these leaking UST sites and their location in various directions, there is the potential for some impact to groundwater underlying the subject property;

- A 275 gallon storage area for "Misc. Chemicals" was reported in the prior Phase I report completed by others; however, the location of this area was not identified, nor were the specific chemicals stored. The former storage area is a potential concern;

- Four (4) elevator systems and associated hydraulics systems were identified on-site. Hydraulic fluids can contain VOCs and SVOCs as well as PCBs. Subsequent sampling performed by others has indicated that PCBs were not present in the hydraulic fluids.

- Floor drains and sumps were observed throughout the buildings on-site during prior investigations. These areas include:

    - A floor drain in the former Uninterruptable Power Supply (UPS) room in the former Avis building;

    - A floor drain system and associated oil / water separator (OWS) near the loading dock of the former Cendant building. This area was also a

former car wash area and as such may have been a source area for oils, lubricants, and inorganics related to car washing activities. The former discharge location for these drains is reportedly unknown and may be related to the leach fields discussed previously;

- Several drains exist in the former Boiler Room of the Cendant building associated with heating and cooling systems. Although these drains reportedly discharge to the sewer currently, their discharge location prior to sewer connection is unknown;

- No drains or sumps were noted in the former storage building. However, past inspections were limited due to concerns over structural stability; and,

- There were reportedly five (5) drain systems, a collection / discharge pit and a sump noted in the former manufacturing building on-site. Neither the original operations associated with these drains / sumps nor the ultimate discharge locations were identified.

- References to a "former leaching field" prior to sewer service at the facility. Leaching fields were prevalent on Long Island prior to widespread sewer connections. Based upon experience, most building wastes – both sanitary and industrial – often were discharged to these leaching pools prior to the advent of hazardous waste disposal regulations and sewer connections. For this reason, investigation of former leaching fields is an important aspect of the Phase II ESA to the degree that the former fields can be located. Approximately 29 potential leaching pools, not previously identified by others on drawings that have been made available to Apex, have been located by Apex using geophysical techniques;

- There are indications in the available files regarding Underground Injection Control (UIC) violations associated with floor drain discharges. It is possible these Class V UIC well violations are associated with the former leaching fields and the former Avis Lube operations as the NCDH implemented a programmatic UIC closure program related to oil change facilities at about the same time the violations were noted (early to mid 1990s);

- Thirty-one (31) transformers were reportedly noted throughout the Avis and Cendant buildings although they were identified by others as "dry" type transformers that should not pose a significant environmental risk. Other transformers were also noted on poles adjacent to the site and in the other buildings. Additional research transformers may be warranted after more detailed evaluation of the currently available documents;

- No large-scale chemical storage areas were noted during the 2005 Phase I ESA completed by Oxford Engineering in the Avis, Cendant, Thomasville, or small storage building (several battery storage areas containing sulfuric acid were identified). However, little is reported regarding any possible former storage areas during the occupancy of the prior tenants, including the Bosch Arma facility. It is probable that some chemical usage and storage occurred historically. Attempts will be made to identify former storage areas during

site reconnaissance and file reviews and these areas will be investigated further during the Phase II if identified;

- Seventeen (17) empty drums (55 gallon each) were noted in the former Manufacturing building. While the drums were empty, their presence is indicative of past chemical usage warranting investigation;

- A large wooden tank was reported in the west end of the former storage building. Although the tank was apparently filled with water and was used in the past ion testing of sonar equipment, no additional information was available; and,

- Pigeon droppings were noted in many of the buildings and may be a source of disease or bacteria; and,

- There are approximately twenty-one (21) existing monitoring wells located on the subject property. Chlorinated VOC impacts have reportedly been detected off-site and in association with the former Roosevelt Field Airport operations; however, as of 1989 there were indications that the impacts did not extend to the Avis property line. The presence of twenty-one (21) monitoring wells is indicative of significant site investigation activities and a potential concern. As previously indicated, these existing wells (installed by others) were sampled by Apex on September 29 through October 1, 2009 as part of the Phase II investigation.

After reviewing the information available on these potential areas of concern and using our judgment based upon extensive experience investigation properties on Long island, Apex has developed the following recommended Phase II ESA Scope of Work.

2.1 Site Visit and Mobilization (Task Completed)

As previously indicated, Apex completed a site visit on September 28, 2009, as part of Phase II ESA scoping activities (e.g., locate monitoring wells, determine proposed sampling locations, inspect building interiors). In addition, on September 29, 2009, Apex mobilized equipment and materials to the site as part of the Phase II ESA groundwater sampling program. This task also included the preparation of a site-specific health and safety plan (HASP), coordinating utility markouts and subcontractors, and performing overall project scoping activities.

2.2 Existing Monitoring Well Sampling (Task Completed)

As previously discussed, Apex collected groundwater samples from twenty-one (21) existing monitoring wells from September 29 through October 1, 2009. Laboratory analysis consisted of Target Compound List (TCL) VOCs with MTBE and Freon 113, NYSDEC STARS SVOCs, Priority Pollutant Metals (total and dissolved, including barium and manganese), total cyanide, and PCBs.

Prior to sampling, Apex utilized an inter-phase probe to determine the absence or presence of free product (none detected). However, it should be noted that since no well survey information is

available, a well elevation survey may need to be performed to identify the apparent, site-specific local groundwater flow direction. All wells were properly purged prior to sampling and purge waters were containerized on-site in drums. The purge waters will be characterized based upon groundwater sample results and properly disposed off-site in accordance with all applicable Federal, State and Local regulations. It should be noted that actual waste disposal may occur after the Phase I and Phase II report deadlines due to the logistics of obtaining disposal facility approvals in such a short time frame. All drums have been temporarily staged in a location acceptable to the current property owner during the interim period between purging and off-site disposal. It has been assumed that all purge waters will be non-hazardous wastes.

Although not yet completed, Apex will informally (i.e., through non-licensed NYS surveyor) survey the top of casing elevation at select wells and tie it into an on-site, fixed landmark to allow relative groundwater elevations and the inferred, site-specific groundwater flow direction to be assessed.

2.3 Geophysical Survey (Task Completed)

As previously indicated, Apex completed a geophysical survey of the property on September 30 through October 1, 2009. The geophysical survey was performed to identify utilities and to attempt to locate former leaching pools and historical infrastructure. It should be noted that approximately twenty-five (25) leaching pool structures were identified during the geophysical survey – the majority of these did not appear to have been identified previously during former ground penetrating radar (GPR) studies by others as there were no markings indicating the additional leaching pools noted in the field (other GPR markings were visible). Given that historical waste disposal was common in sub-grade leaching pools on Long Island, uncovering these former leaching pool locations for sediment / soil sampling will provide a much higher level of confidence in evaluation of environmental conditions at the property.

2.4 Leaching Pool/Exterior Soil Sampling

Based on the results of the geophysical survey, Apex is proposing to sample up to the fourteen (14) of the twenty-nine (29) leaching pools identified during the completion of the geophysical survey (the majority of which appear to not have been previously located and/or sampled). The leaching pools to be sampled will be selected to be representative of each of the five (5) leaching pool systems identified during Apex's recent geophysical survey.

At each leaching pool location to be sampled, a backhoe will be utilized to remove the overlying asphalt and/or concrete, followed then by the removal of the leach pool cover. A hand auger will then be utilized to extend two (2) feet into the material present within the leach pool and then one soil sample will be collected from the next one (1) foot interval (i.e., two to three feet below the top of the standing material present within the leach pool) and submitted for laboratory analysis. Each soil sample will be field screened with a photo ionization detector (PID) for the absence or presence of total VOCs. The soil samples will be analyzed for TCL VOCs with MTBE and Freon 113, NYSDEC STARS SVOCs, Priority Pollutant Metals (including barium and manganese), and

PCBs.

It should be noted that the sampling strategy to be employed by Apex has been designed to confirm the absence or presence of *significant* concern within the leaching pools and is not a complete delineation of all contamination that may be present. Full delineation can only be completed by profiling soil impacts (if any) as a function of depth both within and immediately adjacent to each leaching pool and such investigation would require analytical costs exceeding project budget constraints. It has been our experience that many leaching pool systems that have been adversely impacted have contaminants present at levels warranting remediation in the top 6 inches to 2 feet of sediments. This limited contamination can be addressed from a remedial perspective readily through vacuum excavation for reasonable costs. However, only significantly impacted leaching pools typically have levels of contaminants warranting remediation detected at depths more than 2 feet into the sediments. By sampling at 2 to 3 feet into the sediments of a representative number of leaching pools, Apex can assess whether significant contamination (i.e., contamination that cannot be addressed through simple leaching pool bottom sediment replacement) is absent or present. We believe this strategy to be the best balance of investigation cost and risk evaluation given the time and budget constraints for the project.

Following the completion of sample collection, the cover to each leach pool will be replaced. This cost proposal does not include asphalt and/or concrete restoration activities associated with excavating the location of leaching pools. Leaching pools that are not to be sampled will not be unearthed at this time.

Following a review of the recent site assessment data compiled by Soil Mechanics, Apex has determined that further investigation/assessment of the former UST system(s) is not warranted at this time as the data presented indicates that these area(s) have been properly assessed. The data available is sufficient for Apex to evaluate potential environmental risks, if any, with the former UST systems.

2.5 Interior Soil Borings

Based upon the available information, there are several floor drains, trenches and / or sumps located within the existing structures that warrant additional investigation. Discussions with the owner's representatives have indicated that entrances to existing structures and suspect integrity of structures will prohibit large drilling equipment from entering many areas. Therefore, only tripod mounted equipment or hand borings may be possible in some areas of the site. For the purposes of this proposal, the following interior soil sampling scope of work is proposed:

Completion of up to ten (10) interior concrete cores and sampling of underlying soils from beneath sumps, drains, trenches, or identified storage areas. Samples collected in the field will be screened with a PID for total VOCs. It is assumed that one (1) soil sample will be submitted for laboratory analyses from each hand coring sample location from the shallow soil interval located beneath each applicable structure. One sample at each location will be analyzed for TCL VOCs

with MTBE and Freon 113, NYSDEC STARS SVOCs, Priority Pollutant Metals (including barium and manganese), and PCBs.

2.6 Interior / Exterior Groundwater Sampling from Temporary Wells

No groundwater sampling from temporary wells is proposed at this time since the twenty-one (21) existing site monitoring wells were sampled by Apex on September 29 through October 1, 2009 to assess local groundwater quality and the wells appear to be properly placed for an initial groundwater assessment.

It should be noted that several of the wells contained compounds exceeding NYSDEC Class GA Groundwater Quality Standards and further groundwater monitoring and / or remedial action may be warranted at a later date.

2.7 Soil Vapor Samples

As a cost savings factor associated with this Phase II ESA, Apex is recommending that no additional soil vapor intrusion (SVI) sampling be performed at this time. Following a review of the data presented by Soil Mechanics, elevated VOC concentrations (i.e., chlorinated VOCs exceeding New York State Department of Health [NYSDOH] Matrix 1 or Matrix 2 levels recommending soil vapor mitigation, or non-chlorinated / petroleum VOCs exceeding the 95th percentile, Building Assessment and Survey Evaluation [BASE] levels published by USEPA) were observed in all four soil gas sampling locations, which were located outside of the building footprint(s). The SVI sampling results are sufficient at this time to indicate that it is very likely that SVI mitigation activities will be required as part of site redevelopment activities. Therefore, Apex is recommending that additional SVI assessment activities be deferred until the site redevelopment planning process since the collection of additional soil vapor data at this time will not be cost-effective and additional soil vapor sampling (i.e., re-sampling) will likely be required once development plans are finalized and structures are completed, whether additional samples are collected now or not.

2.8 Phase II Reporting

Upon completion of field work, a draft Phase II ESA Report summarizing findings, conclusions, and recommendations will be prepared and submitted to MMM and Equity One for review and comment. A final report will be issued after incorporating comments received. Phase II ESA reports will be provided in a format and schedule consistent with specific project requirements as outlined at the beginning of this proposal.

TASK 3: ASBESTOS EVALUATION SERVICES

Apex will review existing asbestos survey reports provided. In addition, Apex will conduct a site inspection of all safely accessible areas of the subject buildings for suspect asbestos-containing

building materials (ACBMs). Apex will compare the existing asbestos survey reports to current site conditions and evaluate the condition and the quantities of ACBMs. Apex will pay particular attention to locating the presence of suspect ACBMs that may have not been previously sampled, or sampled in sufficiency. Note that the inherent premise for asbestos sampling is to prove a negative. Therefore, prior sampling data that identified "positive" ACBMs will not be re-sampled. Verification sampling proposed by Apex will be to prove that certain prior "non-ACBMs" are in fact non-asbestos containing, In addition, as previously noted, if additional suspect ACBMs are identified that were not previously sampled, Apex will collect bulk samples for asbestos analysis.

All bulk samples will be submitted to an outside, independent laboratory that is a National Voluntary Laboratory Accreditation Program (NVLAP) -accredited laboratory and a NY State registered laboratory. Survey and assessment protocols will follow those adopted by the U.S. Environmental Protection Agency (EPA) as detailed in the Asbestos Hazard Emergency Response Act [AHERA, 40 Code of Federal Regulations (CFR) 763, Subpart E] as referenced in the Occupational Safety and Health Administration (OSHA) asbestos in construction standard (29 CFR 1926.1101), and NY State regulations. Apex personnel are EPA-and NY State accredited asbestos inspectors.

For this project, Apex proposes to collect up to one-hundred (100) verification and confirmatory bulk samples over the four (4) vacant buildings. It is our understanding that asbestos sampling is not permitted in the occupied Thomasville Furniture building. However, we have been informed by the site contact that portions of the roof may be collapsing in the storage and manufacturing building. Apex will limit the asbestos survey (and all work) to areas that can be safely accessed.

Apex will issue a Summary Report of Findings for the asbestos sampling. Apex's report will include estimated quantities of ACBMs, and budgetary estimates for pre-demolition abatement. The Report will also include representative photographs of the ACBMs. If detailed site drawings are available, Apex will provide site plans that show locations of samples collected. Given the short time frame for this project, Apex has not included in this work scope and costing the preparation of detailed CADD drawings that depict the locations of ACBMs. Apex can provide such services at a later time if requested.

In addition, Apex can provide asbestos abatement management, bid specification and package submittals to contractors, and abatement air sampling oversight at a later time for the Client if requested. However, these services are not included within this work scope and costing.

PRICING

Estimated costs to perform the proposed services are summarized by task in ***Table 1***:

Table 1
Summary of Estimated Costs

ID	Task Description	Labor Estimate	Lab, Subcont. & Materials	Total Estimated Costs
1.	***Phase I ESA (complete)***	-	-	***$2,900***
2.	***Phase II ESA***			
2.1	Mobilization/General Coordination	$7,700	$100	$7,800
2.2	Groundwater Sampling	$6,000	$19,600	$25,600
2.3	Geophysical Evaluation	$2,300	$6,800	$9,100
2.4	Leaching Pool Sampling	$2,600	$11,000	$13,600
2.5	Interior Soil Sampling	$3,000	$8,500	$11,500
2.8	Data Evaluation / Reporting	$11,800	$400	$12,200
	Phase II ESA Total:	***$33,400***	***$46,400***	***$79,800***
3.	***Asbestos Evaluation (complete)***	-	-	***$8,000***
Total Estimate:				***$90,700***

** Note: Tasks 2.6 and 2.7 were eliminated in revised scope of work.

ASSUMPTIONS AND LIMITATIONS

Please note that it is assumed that the following can be provided to Apex upon notice to proceed:

- notice of special confidentiality requirements;
- a designated escort who is authorized to provide access to all site areas;
- accurate designations of site boundaries (e.g., plat maps and site plans);
- all prior reports for the subject property be provided for review upon receipt of notice to proceed with this project; and,
- notice of special concerns, perceived environmental impairments, focuses, or requirements.

The following general assumptions and limitations apply to this proposal and project:

- Apex is preparing the environmental due diligence services for the benefit of MMM and Equity One, Inc. in accordance with the scope of work described in this proposal.
- It is assumed that there are no significant access delays or weather delays that impact the completion dates for this project.

- Costs provided are based upon work completion in accordance with the schedule indicated in this proposal. If the schedule is extended through no fault of Apex, additional fees for services may be required.

- Apex was informed that access will not be granted to the Thomasville Furnishings building and immediately adjacent parking area for this project. As such, Apex makes no judgment regarding the environmental condition of the Thomasville property and no further work will be completed at that site unless written site access is provided.

- Former reports indicate that access in the former storage building was limited due to structural stability concerns. Although Apex will attempt building access in abandoned buildings, work will be discontinued if the structures pose a safety risk to Apex employees and contractors. MMM and Equity One will be informed immediately if this unsafe condition is noted.

- All investigation derived wastes (IDW) are assumed to be non-hazardous. IDW will be properly containerized and disposed off-site as part of this proposal. However, access may be needed after October 26, 2009, to access drums temporarily staged on-site for off-site disposal.

- The concrete slabs inside buildings are assumed to be no thicker than eight inches or of such thickness that standard coring equipment can penetrate them within a reasonable amount of time.

- Apex has included provisions for temporary lighting and electricity in this cost estimate as it has been indicated that the interior buildings do not have adequate lighting and some portions will not have power available for Apex's use.

- In order to reduce costs, formal QA/QC has been streamlined by including only trip blanks for VOCs (i.e., blind duplicates and site-specific matrix and matrix spike duplicate samples have been eliminated). However, normal laboratory QA/QC samples (non-site specific) will still be run and considered in evaluating data.

- This proposal assumes that well surveying to infer the groundwater elevation and site-specific groundwater flow direction is limited to several wells and is not required to be performed by a NYS licensed surveyor.

- Asbestos inspection services are limited to readily accessible areas in safe working conditions. No subsurface asbestos identification or delineation work is included in this proposal.

If the terms of this proposal are agreeable, please return a sign original of the attached proposal statement and we will continue work on the project that was initiated on Friday, September 25, 2009, based upon verbal and email authorization to proceed.

On behalf of Apex, thank you for considering us for this important project. Please do not hesitate to contact me at (631) 567-1777 extension 102 if you have any questions or comments.

Sincerely,
Apex Companies, LLC.

Daniel J. Smith, P.E.
New York Division Director

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Apex Companies, LLC.
New York Division
120-D Wilbur Place
Bohemia, New York 11716
Telephone: 631-567-1777
Facsimile: 631-567-1967

"Where Excellence Meets Value"

PROPOSAL/CONTRACT FOR SERVICES

Submitted To:
Mr. Robert J. Malagon
V.P. of Development
Equity One, Inc.
1600 N.E. Miami Gardens Drive
North Miami Beach, Florida 33179

Date: October 8, 2009

Re: Revised Proposal for Due Diligence Environmental Services
Former Avis Headquarters Building Property
900 Old Country Road, Garden City, New York

SERVICES TO BE PERFORMED:

Apex Companies, LLC (Apex) will complete environmental due diligence services in accordance with the attached proposal letter dated October 8, 2009.

Apex will provide the above services in accordance with the attached Terms and Conditions. If this proposal is agreeable to you, please indicate your acceptance by signing this Proposal/Contract for Services and returning to Apex.

Total Estimated Fee: ***$90,700***

SUBMITTED BY:
Apex Companies, LLC.

Authorized Signature

Name: Daniel J. Smith, P.E.
Title: New York Division Manager
Date: _____

ACCEPTED FOR CLIENT BY:
Client Name

Authorized Signature

Name: ROBERT MALAGON
Title: V.P. of DEVELOPMENT
Date: 10/9/09

This price quotation is valid for a period of 60 days from the date of this proposal. This proposal and all work done pursuant to this proposal is subject to the Terms and Conditions attached hereto

TERMS AND CONDITIONS

1. OFFER. This proposal constitutes an offer by Apex Companies, LLC ("Apex") to perform the services described in the proposal (the "Work") for Client in accordance with these terms and conditions. The proposal, including these terms and conditions and all other documents incorporated by reference shall, when accepted by Client, constitute the entire agreement of the parties regarding the Work.

2. ACCESS AND AUTHORIZATION. Client shall provide Apex with all necessary access to the area(s) in which the Work is to be performed or from which samples to be tested are to be obtained. Client warrants that it has obtained (or will obtain prior to performance of the Work) all necessary permits, licenses, consents and authorizations required in connection with the performance of the Work. Delays related to Client's change in schedule or delays in obtaining access to the property or required documentation may result in additional fees.

3. SUBTERRANEAN STRUCTURES AND UTILITIES. In the execution of the Work, Apex will take reasonable precautions to avoid damage to subterranean structures and utilities. Client agrees to defend, indemnify and hold Apex harmless from and against any and all damages, delays, costs, injuries or death associated with any subterranean structures or utilities that were not called to Apex's attention and correctly shown on the plans furnished.

4. WARRANTY. Apex will perform the Work in a competent, professional manner in accordance with the customary standards of performance of the industry. Apex does not represent or warrant to Client that the Work performed and/or reports delivered hereunder will achieve any results for Client, other than as expressly set forth in the proposal. Client recognizes that subsurface conditions may vary from those encountered at the location where borings, surveys or explorations are made by Apex and that the data interpretations and recommendations of Apex's personnel are based solely on the information available to them. If equipment is supplied as part of this agreement, Client agrees that Apex will not be liable for any claims due to defective equipment manufacturing.

5. RELATIONSHIP OF THE PARTIES. In performing the Work, Apex shall be acting in the capacity of an independent contractor to Client, and nothing herein shall be deemed to create a partnership, agency, joint venture or any other relationship between the parties.

6. LIMITATION OF LIABILITY. Client agrees to limit Apex's liability to Client and all construction contractors and subcontractors on the project for all injuries and damages, whether to economic interests, to persons and/or to property, arising from professional acts, errors or omissions such that the total aggregate liability of Apex to all those named shall not exceed ~~$50,000 or Apex's total fee for services rendered on the project, whichever is greater.~~ $3,000,000. In no event shall Apex be liable for indirect, incidental or consequential damages. M.M.

7. INDEMNIFICATION. Client shall defend, indemnify and hold Apex harmless from and against any and all liability, losses, claims, costs and expenses incurred by or asserted against Apex as a result of or in connection with any permits, licenses, consents and authorizations to be obtained by Client pursuant to Section 2 above, and any negligent or wrongful act of Client or its employees.

8. FORCE MAJEURE. Neither party shall be liable to the other party for its failure or delay in performing its obligations hereunder due to any contingency beyond such party's reasonable control, including, without limitation, acts of God; fires; floods; wars; acts of war; sabotage; accidents; labor disputes or shortages; governmental laws, ordinances, rules and regulations; inability to obtain power, material, equipment or transportation; and any other similar or dissimilar contingency.

9. CHANGE ORDERS. Client may, upon written notice to Apex, request Apex to make changes in the scope of the Work. Apex shall thereupon use reasonable efforts to make such changes provided that if any requested changes cause an increase in the cost or time required for Apex's performance and delivery, Client shall execute an agreement, in form and substance satisfactory to Apex, providing for an equitable adjustment in the compensation payable for the Work and the time for its performance and delivery.

10. NON-SOLICITATION OF EMPLOYEES. During the term of this agreement, and for a period of two (2) years thereafter, neither party shall, directly or indirectly, for such party's own benefit or for the benefit of others, solicit for hire as an employee, consultant or otherwise any of the other party's personnel who have performed services under this agreement, without the other party's express written consent.

11. COMPENSATION. Client shall pay Apex for the Work in the amounts and at the times and in the manner set forth in the proposal.

12. PAYMENT TERMS. Apex expects prompt payment for its Work. Toward that end, payment terms are as follows: Net 14 days. An interest charge of 1.5% per month shall be applied to all balances over 30 days old. If Apex determines it necessary to place an account for collection, Client agrees to reimburse Apex for all collection costs, including attorney's fees, collection fees, interest and court costs.

13. NOTICES. Any notice required or permitted to be given hereunder shall be deemed to have been duly given if delivered by hand or sent by registered or certified mail, return receipt requested, and addressed: if to Apex, at Apex Companies, LLC, 15850 Crabbs Branch Way, Suite 200, Rockville, Maryland 20855; if to Client, at the address shown on the front hereof, or to such other address(es) which the parties may respectively designate to one another in accordance herewith. Notices shall be deemed to have been given on the date of mailing or hand delivery. The post office receipt showing the date of mailing shall be "prima facie" evidence thereof.

14. GOVERNING LAW. The agreement between the parties regarding the Work and their rights and obligation thereunder shall be governed by and construed in accordance with laws of the State of Maryland.

Apex shall defend, indemnify and hold Client harmless from and against any and all liability, losses, claims, costs and expenses incurred by or asserted against Client as a result of or in connection with any negligent or wrongful act of Apex or its employees. Apex M.M.

ASTM E1527-05 PHASE I ESA
ALL APPROPRIATE INQUIRY
USER QUESTIONNAIRE
PAGE 1

INTRODUCTION

In order to qualify for one of the Landowner Liability Protections ("LLPs") offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete. The respondent is welcome to provide supporting documentation as attachments.

QUESTIONS

1.	**Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).**		
1A Was the title reviewed for environmental cleanup liens against the property?		Yes	✓
		No	

1B. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law? If yes, please provide details and copies of supporting documents.

Yes	
No	✓

2.	**Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).**		
2A. Was the title reviewed for Activity & Use Limitations for the property?		Yes	✓
		No	

2B. Are you aware of any Activity & Use Limitations such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? If yes, please provide details and copies of supporting documents.

Yes	✓
No	

The zoning of the property is Y-Industrial Zoning District as determined by the Town of Hempstead. A full analysis of the zoning is included in the Preliminary Site Assessment prepared by Greenberg Farrow as Project No. 20090516 (copy attached).

- A Declaration of Restrictions by Roosevelt Field, Inc., recorded March 2, 1951 in Liber 4457, Page 459 (as amended) contains restrictions associated with building placement (copy upon request).
- An Agreement between Roosevelt Field Inc. and The Franklin National Bank of Long Island recorded December 31, 1957 in Liber 6319 Page 215 (as amended) prohibits the use of the Property for banking purposes (copy upon request).
- An Operating Agreement between Roosevelt Field, Inc.,and R.H. Macy & Co., Inc. recorded August 22, 1955 in Liber 5857, Page 451 (as amended) contains various building restrictions, maintenance obligations and easements affecting the property as well as some adjacent property (copy upon request).

3.	**Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).**

As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? If yes, please provide details and copies of supporting documents.

Yes	
No	✓

4.	**Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).**

Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

If you conclude that the value is lower than the fair market price, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? If you determined that contamination is believed to be the reason for the low purchase price, please provide details and copies of supporting documents.

Yes		We believe that the purchase price of the property is higher than fair market value, because we understand that there are significant environmental issues which must be corrected prior to developing this site.
No	✓	

5.	**Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).**	
Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user, (a) Do you know the past uses of the property? If yes, please provide details.		
Yes	✓	This site was the former world headquarters for Avis Rental Cars. We understand that in the past, it was a Department of Defense manufacturing facility for missile guidance systems. It also used to have hangars on site when it was part of Roosevelt Airfield.
No		
(b) Do you know of specific chemicals that are present or once were present at the property? If yes, please provide details.		
Yes		
No	✓	
(c) Do you know of spills or other chemical releases that have taken place at the property? If yes, please provide details.		
Yes		
No	✓	
(d) Do you know of any environmental cleanups that have taken place at the property? If yes, please provide details.		
Yes		
No	✓	

6.	**The degree of obviousness of the presence of likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).**

As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property? If yes, please provide details and copies of supporting documents.

Yes	✓	We toured the property twice with a general contractor. We saw indications of asbestos inside the building, along with test pits and monitoring wells in the parking lot.
No		

7.	**Why is a Phase I ESA required?**

Because we are considering purchasing this property and developing it as a retail shopping center.

8.	**Please identify the type of property, type of property transaction (for example, sale, purchase, exchange), and use of property following transaction (for example, same as current, demolition, rehabilitation).**

-Purchase transaction
-The most recent use was as an office. We are proposing to develop the property as a retail shopping center.

9.	**Please provide a complete and correct address for the property (a map or other documentation showing property location and boundaries is helpful). Is a site location map attached?**

Yes	✓	900 Old Country Road Lots 26, 27, and 28; Block 67, Section 44 Village of Garden City, Town of Hempstead Nassau County, State of New York (see attached copy of survey)
No		

10.	What services are required?	
Please Check All That Apply		**Comments**
ASTM 1527-00 (Former Standard)		
ASTM 1527-05 (All Appropriate Inquiry – Current)	✓	Phase I ESA
Asbestos Containing Materials	✓	
Lead Based Paint		
Lead in Drinking Water		
High Voltage Power Lines		
Wet Utility Audit		
Lender-Specific Scope of Work		
Please list Lender (e.g., Fannie Mae)		
Other (Please Describe)	✓	Phase II ESA

11.	Please list the full name and address for each party that will rely upon the Phase I ESA Report.
Equity One, Inc. Equity One Acquisition Corp. 1600 NE Miami Gardens Drive North Miami Beach, FL 33179	

12.	Please identify one or more site contacts and how each can best be reached.
Robert Malagon – VP of Development – 305/957-1198 Arthur Gallagher – Chief Legal Counsel – 305/947-1664	

13.	Please list any special terms and conditions, which must be agreed upon by the environmental professional.
None	

14.	**Please provide any other knowledge or experience with the property that may be pertinent to the environmental professional (for example, copies of any available prior environmental site assessment reports, documents, correspondence, etc., concerning the property and its environmental condition).**
Previous environmental reports prepared by Oxford Engineering Company were provided to Apex. Also, a letter prepared by Soil Mechanics, dated August 8, 2009, was also provided.	

This ASTM E1527-05 Questionnaire was completed for the following property:

Former Avis Headquarters Site	900 Old Country Road
Property Name	Address
Garden City, NY 11530	
City, State	

This ASTM E1527-05 Questionnaire was completed by:

	Vice President of Development
Robert Malagon	Title
Equity One, Inc.	10/27/09
Company	Date

APPENDIX 2

Site Figures

Apex Companies, LLC

Figure 1 - Site Location Map
900 Old Country Rd., Garden City, NY

Client: Equity One
Project No.: 85157.001
Project Location: Garden City, NY
Date: September 29, 2009

Apex Companies, LLC

Figure 2 - Site Plan

900 Old Country Rd., Garden City, NY

Client: Equity One
Project No.: 85157.001
Project Location: Garden City, NY
Date: September 29, 2009

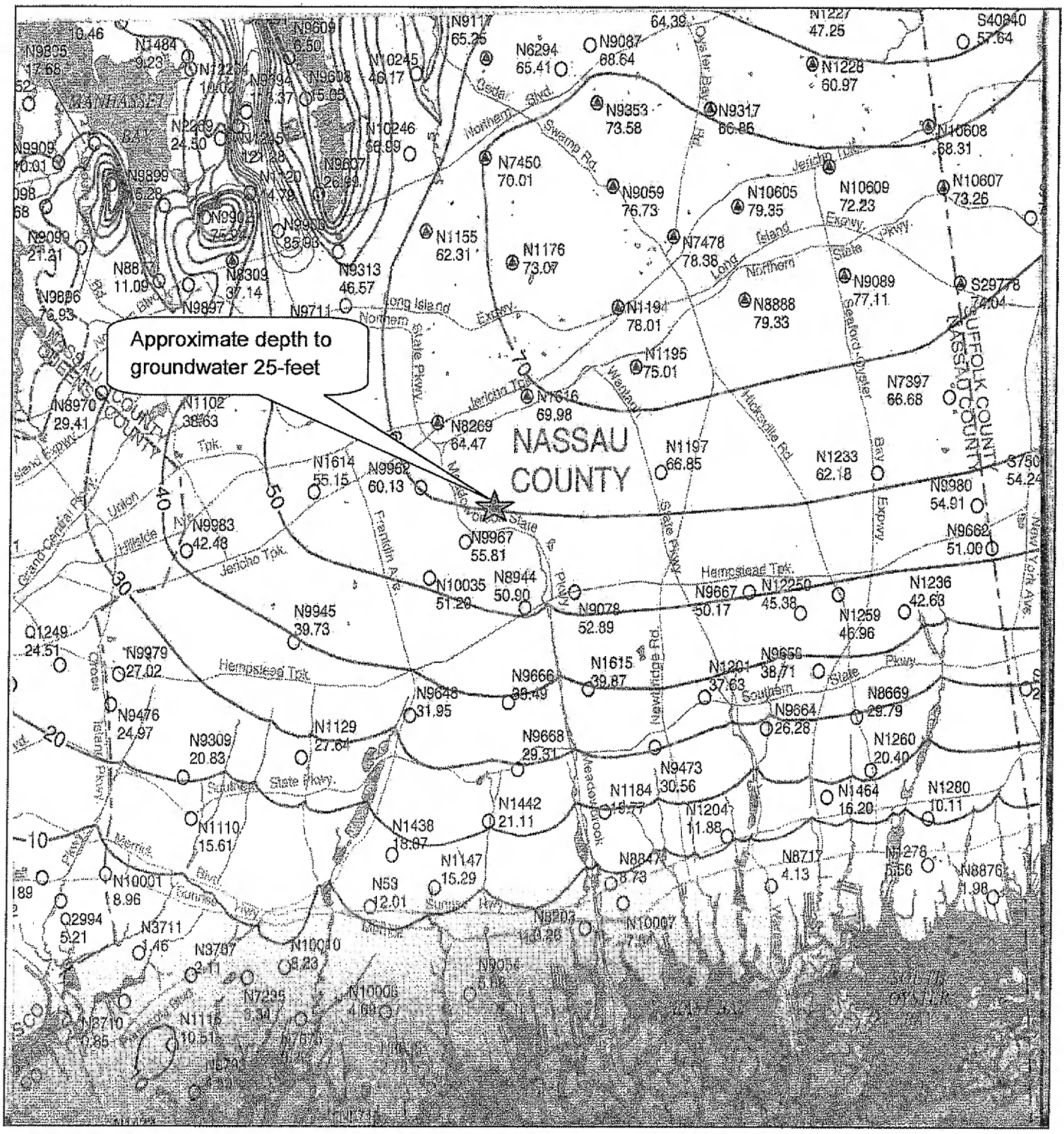

Figure 3: Groundwater Table Map – Water table in the upper glacial aquifer, western Long Island, Plate 1A – Water-Resources Investigations Report 98-4019 (prepared 1997)

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT

FORMER AVIS HEADQUARTERS PROPERTY
900 OLD COUNTRY ROAD
GARDEN CITY, HEMPSTEAD, NEW YORK 11530

Prepared for:

Equity One, Inc. and Equity One Acquisition Corp.
1600 N.E. Miami Gardens Drive
North Miami Beach, Florida 33179

Prepared by:

Apex Companies, LLC
120-D Wilbur Place
Bohemia, New York 11716

October 29, 2009

Apex Companies, LLC
120-D Wilbur Place
Bohemia, New York 11716-2440
Phone: (631) 567-1777 Fax: (631) 567-1967

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Figure 5: Summary of Metals Detected in Interior Soil Sampling Locations Exceeding Unrestricted Use Soil Cleanup Objectives

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Appendix A: Soil Mechanics' July-August 2009 Site Assessment Data Package

Appendix B: Laboratory Data Sheets

Appendix C: Monitoring Well Purge Forms

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT

FORMER AVIS HEADQUARTERS PROPERTY
900 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK 11530

1.0 INTRODUCTION

This Phase II Environmental Site Assessment (ESA) Report documents the results of investigation activities completed by Apex Companies, LLC (Apex) in evaluation of potential areas of concern associated with the former Avis Headquarters Property located at 900 Old Country Road in Garden City, New York (Property).

The Phase II ESA scope of work performed by Apex consisted of the following activities:

- Review of existing environmental reports prepared by others;
- Completion of a limited geophysical survey;
- Collection and laboratory analysis of groundwater samples from twenty-one (21) existing site monitoring wells;
- Collection and laboratory analysis of interior soil samples collected beneath sumps and floor drains and exterior soil samples from leaching pools; and,
- Evaluation of asbestos-containing building materials (ACBMs).

It should be noted that the results of the asbestos evaluation has been provided under separate cover. In addition, Apex performed a Phase I ESA of the Property, which also has been provided under separate cover.

Provided in **Section 2.0** is a summary of the site history and background. **Section 3.0** provides a summary of the previous environmental investigation activities performed by others at the Property. **Section 4.0** and **Section 5.0** provide the Phase II scope of work implemented by Apex, and subsequent findings, respectively. **Section 6.0** provides a summary of our conclusions. Lastly, **Section 7.0** provides a summary of our assumptions and limitations in completing this Phase II ESA.

2.0 SITE HISTORY AND BACKGROUND

The Property, identified as the former Avis Headquarters Property, consists of approximately 21.858 acres located at 900 Old Country Road, between East Gate Boulevard and Zeckendorf Boulevard, in the Town of Hempstead, Village of Garden City, New York (Section 44, Block 67, Lots 26, 27, and 28). The Property is developed with five (5) buildings. The five buildings located at the Property are identified as the following:

- The three (3) story former Avis Office Building;
- The one and one-half (1 ½) story former Cendant Office Building;
- The one (1) story active Thomasville Home Furnishings Building[1];
- The one and one-half (1 ½) story former storage building; and,
- The one (1) story former manufacturing building.

All of the buildings, except the Thomasville Home Furnishings Building, are unoccupied and inactive. The main access to the Property is from Old Country Road (to the north) and from East Gate Boulevard (to the west). The Property is nearly entirely covered with an asphalt parking area with minor landscaped areas. A site plan is provided as **Figure 1**.

The Property is currently owned by the Simon Property Group and previously served as the world headquarters of Avis Rent-A-Car. Based on reports prepared by others, the north three (3) story building was leased and served as office space for Avis and the south one and one-half (1 ½) story office building was leased and served as office space and warehouse space for Cendant Corporation, the parent company of Avis.

Review of historical documentation for the Property indicates the property was occupied by Bosch Arma Corporation (Bosch Arma) from the time of construction through the mid-1960s. Bosch Arma reportedly moved their operations from surrounding aircraft hangers to the Property from 1948 through 1954. Prior to Bosch Arma occupancy, the Property was part of a former airport facility (Roosevelt Field) and included four (4) aircraft hangars. During the mid-1900s Bosch Arma was a Department of Defense (DOD) contractor that was involved in the development of computerized guidance systems for torpedo and rocket ordinances, aircraft fire defense systems, and inertial guidance systems for intercontinental ballistic missiles. According to reports prepared by others, no live ordnance was reportedly used at the Property.

---

1 - The Thomasville Home Furnishings Building was not included within the scope of work of this Phase II ESA.

The above-referenced Phase I ESA Report prepared by Apex under separate cover addresses the site physical setting including utilities, topography, drainage, soils, and regional geology, in addition to a more detailed discussion of the site use history and ownership/occupancy.

3.0 SUMMARY OF PREVIOUS INVESTIGATIONS

As previously discussed, several previous environmental investigations have been performed at the Property by others. As part of the Phase II ESA scoping process, Apex was provided with copies of the following reports:

- "*Phase I Environmental Site Assessment Report*", prepared by Oxford Engineering Company, March 18, 2005;
- "*Phase 2 Records Review*", prepared by Oxford Engineering Company, May 18, 2005;
- "*Phase 2 Environmental Site Assessment Report*", prepared by Oxford Engineering Company, September 12, 2005;
- "*Underground Storage Tank Closure Report*", prepared by Oxford Engineering Company, September 14, 2005 (documenting the removal of one (1) 4,000-gallon diesel fuel UST and one (1) 20,000-gallon No.6 fuel oil UST);
- "*Underground Storage Tank Closure Report*", prepared by Oxford Engineering Company, April 4, 2006 (documenting the removal of one (1) 3,000-gallon No.2 fuel oil UST); and,
- Soil Mechanics' July-August 2009 Site Assessment data package (Apex provided with CD from Equity One, Inc. on October 2, 2009).

The following is a summary of findings following our review of the above-referenced documents, including potential areas of concern identified and assessed as part of the Phase II ESA:

- Prior to construction of the current buildings, the property was part of the Roosevelt Field airport complex. At least four (4) former airplane maintenance hangars were present along Old Country Road at the northern side of the Property. Aircraft hangars are a potential source of subsurface contamination because they typically will house aviation fuels, hydraulic fluids, deicing fluids, and may also have engine repair facilities that could utilize solvents and generate waste oils with Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs) and inorganics (e.g., from metal finishing of aircraft parts). Hangar door systems, especially on older hangar systems, often use PCB-based hydraulic fluids;
- Review of Nassau County Department of Health (NCDH) files indicates that several UST systems were historically present on the subject property prior to the tanks that were more recently removed in 2005. These historic tank systems included: two (2) 20,000-gallon USTs; one (1) 4,000-gallon UST and one (1) 1,000-gallon UST. These tanks were reportedly removed in 1998 and there were indications of contaminated soil excavation observed by others at the time of removal;

- A replacement 20,000-gallon UST (No. 6 Fuel Oil) and 4,000-gallon UST (diesel) were reportedly installed at the northeast corner of the former Cendant Building (i.e., near the southeast corner of the Avis Building) in 1999. These "new" tanks were reportedly removed in July 2005. Although the closure report did not indicate any contamination based upon soil gas screening, no soil sampling was conducted to verify closure at the time. However, subsequent soil borings performed by Soil Mechanics recently have indicated the absence of significant soil impacts in the area of these former UST systems (**see Section 3.2**);

- A former 3,000-gallon No. 2 Fuel Oil UST was present at the southeast corner of the parcel behind the former manufacturing building. Similar to the above-referenced UST closures, soil gas sampling did not indicate any concerns and subsequent soil borings and recent soil sampling performed by Soil Mechanics has indicated the absence of significant contamination associated with the former UST system (**see Section 3.2**);

- Nine (9) interior aboveground storage tanks (ASTs) were present historically in association with an Avis Lube Fast Oil Change facility. As would be expected, these tanks contained oils, waste oils, and transmission fluids;

- As previously discussed, the former Bosch Arma plant included both the Property and lands directly south of the southeast portion of the current parcel. As such, the southeast corner of the Property would have been directly in the heart of the former Bosch Arma plant complex (i.e., immediately adjacent to the former main building of the Bosch Arma plant that was located just south of the present day site). Bosch Arma was a defense contractor specializing in electronics and guidance systems. Defense contractors specializing in electronics often possessed manufacturing operations including plating for printed circuit boards (VOCs, inorganics) and various metal finishing operations (oils, VOCs, SVOCs, inorganics);

- A 275 gallon storage area for "Misc. Chemicals" was reported in the prior Phase I ESA Report completed by Oxford Engineering; however, the location of this area was not identified, nor were the specific chemicals stored;

- Four (4) elevator systems and associated hydraulics systems were previously identified at the Property. Hydraulic fluids can contain VOCs and SVOCs, as well as PCBs. Subsequent sampling performed by others has indicated that PCBs were not present in the hydraulic fluids;

- Floor drains and sumps were observed throughout the buildings on-site during prior investigations. These areas include:

  - A floor drain in the former Uninterruptable Power Supply (UPS) room in the former Avis Building;

  - A floor drain system and associated oil / water separator (OWS) near the loading dock of the former Cendant Building. This area was also a former car wash area and as such may have been a source area for oils, lubricants, and inorganics

related to car washing activities. The former discharge location for these drains is reportedly unknown and may be related to former leach fields identified on-site;

- Several drains exist in the former Boiler Room of the Cendant Building associated with heating and cooling systems. Although these drains reportedly discharge to the sewer currently, their discharge location prior to sewer connection is unknown;

- No drains or sumps were noted by others in the former storage building. However, past inspections were limited due to concerns over structural stability; and,

- There were reportedly five (5) drain systems, a collection / discharge pit and a sump noted in the former manufacturing building on-site. Neither the original operations associated with these drains / sumps nor the ultimate discharge locations were identified by others.

- References to a "former leaching field" prior to sewer service at the facility. Based upon experience, most building wastes – both sanitary and industrial – often were discharged to leaching pools prior to the advent of hazardous waste disposal regulations and sewer connections. The results of the geophysical survey to locate leaching pools not previously identified by others and the subsequent sampling of the leaching pools, is discussed in **Section 4.3**;

- There are indications in the available files regarding Underground Injection Control (UIC) violations associated with floor drain discharges. It is possible these Class V UIC well violations are associated with the former leaching fields and the former Avis Lube operations as the NCDH implemented a programmatic UIC closure program related to oil change facilities at about the same time the violations were noted (early to mid 1990s);

- Thirty-one (31) transformers were reportedly noted throughout the Avis and Cendant Buildings although they were identified by others as "dry" type transformers that should not pose a significant environmental risk. Other transformers were also noted on poles adjacent to the site and in the other buildings;

- No large-scale chemical storage areas were noted during the 2005 Phase I ESA completed by Oxford Engineering in the Avis, Cendant, Thomasville, or small storage buildings (several battery storage areas containing sulfuric acid were identified). However, little is reported regarding any possible former storage areas during the occupancy of the prior tenants, including the Bosch Arma facility;

- Seventeen (17) empty drums (55 gallons each) were noted in the former Manufacturing Building. While the drums were empty, their presence is indicative of past chemical usage;

- A large wooden tank was reported in the west end of the former storage building. Although the tank was apparently filled with water and was used in the past testing of sonar equipment, no additional information was available. However, recent sampling performed by Soil Mechanics has indicated the absence of significant contamination associated with the water contained within the large wooden tank (see **Section 3.5**);

- Pigeon droppings were noted in many of the buildings and may be a source of disease or bacteria; and,

- There are twenty-one (21) existing monitoring wells located on the Property. Chlorinated VOC impacts have reportedly been detected off-site and in association with the former Roosevelt Field Airport operations; however, as of 1989 there were indications that the impacts did not extend toward the subject Property. The presence of twenty-one (21) monitoring wells is indicative of significant site investigation activities. These existing wells (installed by others) were recently sampled by Soil Mechanics, in addition to Apex as part of the Phase II ESA (see **Sections 3.1 and 4.2**).

As indicated above, Apex was provided with a CD containing the results (data only) of recent site assessment activities completed at the Property in July-August 2009 by Soil Mechanics. The following is a summary of the site assessment scope of work activities completed by Soil Mechanics:

- Collection and laboratory analysis of groundwater samples from twenty-one (21) existing site monitoring wells;

- Collection and laboratory analysis of soil samples from ten (10) soil boring locations associated with the above-referenced former UST locations;

- Collection and laboratory analysis of soil samples from twelve (12) dry well/leaching pool locations;

- Collection and laboratory analysis of soil samples from five (5) "General Site Assessment" soil boring locations;

- Collection and laboratory analysis of one (1) water sample from the wooden storage tank in the former storage building; and

- Collection and laboratory analysis of four (4) soil-vapor samples.

Provided below is a summary of the results of Soil Mechanics' July-August 2009 site assessment activities. Copies of the raw data provided are included in **Appendix A.**

3.1 Previous Existing Monitoring Well Sampling (July 2009)

Groundwater samples were collected from twenty-one (21) monitoring wells by Soil Mechanics and analyzed for VOCs, SVOCs, and Target Analyte List (TAL) Metals. The only SVOC detected in groundwater was bis(2-ethylhexyl)phthalate, ranging in concentrations from 20 micrograms per liter (ug/L) to 50 ug/L. However, the detection of bis(2-ethylhexyl)phthalate could likely be due to lab or field contamination because this constituent is a common plasticizer and was identified in fifteen (15) of the monitoring wells sampled (MW-5 through MW-19) at low concentrations.

The main VOCs of concern detected in groundwater at concentrations above the New York State (NYS) Class GA Groundwater Quality Standards consisted of tetrachloroethene (PCE), trichloroethene (TCE), and methylene chloride. PCE was detected in MW-9 and MW-17 at concentrations of 26.4 ug/L and 27.5 ug/L, respectively. TCE was detected in MW-11 and MW-12 at concentrations of 12.9 ug/L and 13.7 ug/L, respectively. Methylene chloride was also detected at a concentration of 7.5 ug/L from the groundwater sample collected at MW-18. The NYS Class GA Groundwater Quality Standard for each of these constituents is 5 ug/L. It should be noted that these concentrations of PCE and TCE detected in groundwater were reported at similar concentrations in comparison to the groundwater sampling program completed by Apex as part of this Phase II ESA (discussed below in **Section 5.2**).

According to the data presented by Soil Mechanics, several metals were detected in groundwater at concentrations exceeding the NYS Class GA Groundwater Quality Standards. The metals exceeding standards included arsenic, barium, chromium, iron, lead, manganese, and nickel. Based on the concentrations reported, in comparison to the detections and concentrations reported as part of the Apex Phase II ESA, it appears likely that the samples collected by Soil Mechanics were turbid, resulting in elevated concentrations of metals in groundwater. The evaluation of metals detected in groundwater samples collected by Apex is discussed in greater detail in **Section 5.2**.

3.2 Former UST Soil Borings and Sampling (July 2009)

As discussed above, a total of ten (10) soil borings were completed by Soil Mechanics at four (4) former UST locations at the Property to determine the presence or absence of soil impacts associated with the former UST system(s). One soil sample was collected from each soil boring location and analyzed for VOCs and SVOCs. It appears that the samples were properly collected at depth(s) which would have represented the bottom of the former tank pit at each former UST location. Based on the soil sampling analytical results, no VOCs were detected in soil and the concentrations of SVOCs were detected below the New York State Department of Environmental Conservation (NYSDEC) Unrestricted Use Soil Cleanup

Objectives[2]. It should also be noted that according to reports prepared by others, it appears as if the NCDH provided approval in July 2005 and March 2006 for these UST removals/closures. Therefore, further assessment of these former UST areas is not warranted at this time.

3.3 Dry Well/Leaching Pool Sampling (July-August 2009)

One (1) soil sample was collected from each dry well/leaching pool location (total of twelve [12]) and it was analyzed for VOCs, SVOCs, TAL Metals, and total petroleum hydrocarbons (TPHC). The soil sampling analytical results indicated that several SVOCs and metals were detected at concentrations exceeding the NYSDEC Unrestricted Use Soil Cleanup Objectives in eleven (11) of the twelve (12) dry wells/leaching pools sampled. In some cases, the concentrations were reported one to two orders of magnitude greater than the NYSDEC Unrestricted Use Soil Cleanup Objectives.

Provided in **Appendix A** is a copy of Soil Mechanics' July-August 2009 site assessment data package. Included in **Appendix A** is a Site Plan prepared by Soil Mechanics identifying the locations of the dry wells/leaching pools sampled. In addition, a summary of the dry well/leaching pool sampling depths is provided in **Table 1** of **Appendix A**, while **Table 6** and **Table 7** present the SVOCs and metals sampling analytical results, respectively.

It should be noted that Apex subsequently identified additional leaching pools at the Property. These additional leaching pools are discussed in **Section 4.3** of this report.

3.4 "General Site Assessment" Soil Borings and Sampling (July 2009)

A total of five (5) soil borings were completed by Soil Mechanics at apparently random locations at the Property to provide an overall assessment of subsurface soil quality. The rationale for sample location selection was not available. One soil sample was collected from each soil boring location and analyzed for VOCs, SVOCs, and TAL Metals. Based on the soil sampling analytical results, no VOCs were detected in soil and the concentrations of SVOCs and metals were detected below the NYSDEC Unrestricted Use Soil Cleanup Objectives.

3.5 Wooden Tank Water Sample Analysis (August 2009)

As previously discussed, a sample of the water contained in the large wooden tank in the west end of the former storage building was collected by Soil Mechanics and analyzed for

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2 - New York State Department of Environmental Conservation Subpart 375-6: Remedial Program Soil Cleanup Objectives (Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives)

VOCs, SVOCs, and TAL Metals. Based on the sampling results, no VOCs were detected in the water sample. The only SVOC detected in the water sample was bis(2-ethylhexyl)phthalate at a concentration of 20 ug/L. As noted previously, the detection of bis(2-ethylhexyl)phthalate could be due to lab contamination. The concentrations of metals detected in the water sample were reported below the NYS Class GA Groundwater Quality Standards.

3.6 Soil-Vapor Sampling (August 2009)

Following a review of the data presented by Soil Mechanics, elevated VOC concentrations (i.e., chlorinated VOCs exceeding New York State Department of Health [NYSDOH] Matrix 1 or Matrix 2 levels recommending soil vapor mitigation or, non-chlorinated / petroleum VOCs exceeding the 95th percentile, Building Assessment and Survey Evaluation [BASE] levels published by USEPA) were observed in all four soil gas sampling locations, which were located outside of the building footprint(s). For example, PCE was detected in soil-vapor sample SVW-2 at a concentration of 330 micrograms per cubic meter (ug/m^3), which exceeds the Matrix 1 level of 250 ug/m^3 for chlorinated solvents requiring mitigation. TCE was also detected at a concentration of 290 ug/m3 at this same sampling location. In addition, toluene was also detected at elevated concentrations in all four soil-vapor sampling locations, ranging in concentrations from 920 ug/m^3 (SVW-1) to 1,600 ug/m^3 (SVW-2).

Based on these soil-vapor sampling results, the NYSDEC and/or the NYSDOH will likely require additional soil vapor intrusion (SVI) investigation activities and possible active SVI mitigation once final redevelopment plans are available indicating the location and design elements of future structures.

Provided in **Appendix A** is a copy of Soil Mechanics' July-August 2009 site assessment data package. The soil-vapor sampling analytical results are included as **Table 12** in **Appendix A**.

After reviewing the above available information, Apex developed the Phase II ESA scope of work presented below in **Section 4.0**. It should be noted that due to the expedited nature of this Phase II ESA, not all of the above potential areas of concern were able to be thoroughly evaluated and/or investigated. However, Apex developed the Phase II ESA scope of work provided below as the best balance of investigation cost and risk evaluation given the time and budget constraints for the project as identified by the client.

4.0 PHASE II SITE INVESTIGATION ACTIVITIES

Provided below is a summary of the Phase II site investigation scope of work activities completed by Apex at the Property between September 29, 2009 and October 14, 2009.

4.1 Limited Geophysical Survey

Apex completed a limited geophysical survey of the property from September 30 through October 1, 2009. The geophysical survey was performed to identify utilities and to attempt to locate former leaching pools and historical infrastructure. It should be noted that the study was limited to GPR and toning of lines where accessible and was not intended to fully delineate all subsurface anomalies.

The results of the geophysical survey are presented in **Section 5.1**.

4.2 Existing Monitoring Well Sampling

As previously discussed, Apex collected groundwater samples from twenty-one (21) existing monitoring wells from September 29 through October 1, 2009. Laboratory analysis consisted of Target Compound List (TCL) VOCs with methyl tert-butyl ether (MTBE) and Freon 113; NYSDEC Spill Technology and Remediation Series (STARS) SVOCs; Priority Pollutant Metals (total and dissolved, including barium and manganese); total cyanide; and, PCBs. The results of the groundwater sampling program, including the collection of water-level elevation data and groundwater flow, are presented in **Section 5.2**. Monitoring well locations are indicated in **Figure 1**.

4.3 Leaching Pool/Exterior Soil Sampling

As previously discussed, leaching pools not previously identified by others, but identified by Apex during the geophysical survey, were sampled as part of the Phase II site investigation on October 13, 2009. According to Soil Mechanics' July-August 2009 Data Package, they sampled a total of twelve (12) dry wells/leaching pools; however, Apex subsequently identified twenty-nine (29) potential leaching pools not previously identified by others during this investigation. It should be noted that although twenty-nine (29) potential former leaching pools were identified during the geophysical survey (discussed below), it was requested by the client that the sampling include enough leaching pools to be representative of the pool areas. The leaching pools sampled were selected to be representative of each of the five (5) leaching pool systems identified during the geophysical survey, which are described further in **Section 5.1** of this report.

At each leaching pool location, a backhoe was utilized to remove the overlying asphalt and/or concrete, followed by the removal of the leach pool cover. A hand auger was then utilized to

extend two (2) feet into the material present within the leach pool and then one soil sample was collected from the next one (1) foot interval (i.e., two to three feet below the top of the standing material present within the leach pool) and submitted for laboratory analysis. Each soil sample was field screened with a photo ionization detector (PID) for the absence or presence of total VOCs. The soil samples were analyzed for TCL VOCs with MTBE and Freon 113, NYSDEC STARS SVOCs, Priority Pollutant Metals (including barium and manganese), and PCBs.

It should be noted that one proposed leaching pool sampling location (LP-5) was determined to be a former building foundation following the completion of test pitting activities. Therefore, thirteen (13) of the originally proposed fourteen (14) leaching pools were sampled based on the above methodology.

Stained soils were observed just below land surface in the area of the former building foundation (LP-5 area); therefore, a shallow soil sample (SS-2, 1-2 feet below land surface [ft bls]) and a deeper soil sample (SS-1, 3-4 ft bls) were collected in this area in an attempt to delineate the vertical extent of the impacted soil. The soil samples collected from SS-1 and SS-2 were analyzed for the same parameters listed above associated with the leaching pool sampling program.

Following the completion of sample collection, the cover to each leaching pool was replaced and the areas were backfilled with previously excavated soil. Asphalt and/or concrete replacement was not required as part of site restoration activities. It should also be noted that the leaching pools that were not sampled were not unearthed at this time.

The results of the leaching pool/exterior soil sampling program are presented in **Section 5.3**. Leaching pool sampling locations are identified in **Figure 4A** and **Figure 4B**.

4.4 Interior Soil Boring and Sampling

Floor drains, trenches and / or sumps were located within the existing buildings at the Property, warranting investigation activities. Apex originally proposed the completion of up to ten (10) interior concrete cores and sampling of underlying soils from beneath these structures. However, only seven (7) interior cores, and subsequent sampling of the underlying soils, were able to be completed due to the thickness of floor slabs (in some cases, up to sixteen (16) inches in thickness) and the presence of underlying utilities, conduits, and/or fill material.

The interior soil boring and sampling program was completed on October 13-14, 2009. Each soil sample was field screened with a PID for the absence or presence of total VOCs. One (1) soil sample was submitted for laboratory analyses from each hand coring sample location from the shallow soil interval located beneath each applicable structure. One soil sample

from each location was analyzed for TCL VOCs with MTBE and Freon 113, NYSDEC STARS SVOCs, Priority Pollutant Metals (including barium and manganese), and PCBs.

The results of the interior soil boring and sampling program are presented in **Section 5.4**. Interior soil boring locations are identified in **Figure 5**.

5.0 RESULTS OF PHASE II SITE INVESTIGATION ACTIVITIES

The results of the Phase II ESA completed by Apex at the Property between September 29, 2009 and October 14, 2009 are provided below.

5.1 Limited Geophysical Survey

A total of twenty-nine (29) potential former leaching pools were identified during the limited geophysical survey. The majority of these leaching pools did not appear to have been identified previously during former ground penetrating radar (GPR) studies performed by others as there were no markings indicating the additional leaching pools noted in the field (other GPR markings were visible). The locations of the leaching pools are provided in **Figure 1.**

A total of five (5) leaching pool systems were identified as part of the limited geophysical survey:

- Adjacent to the west-southwest corner of the former Cendant Office Building (LP-1 through LP-8);
- Adjacent to the south-southwest corner of the former Cendant Office Building (LP-9 through LP-20);
- Adjacent to the west side of the former storage building (LP-21 and LP-22);
- Between the former storage and former manufacturing buildings (LP-23 through LP-27); and,
- Adjacent to the east side of the former Avis Office Building (LP-28 and LP-29).

In addition, as part of the geophysical survey, asphalt patches (made previously by others) were also screened; however, these locations did not reveal any related subsurface anomalies.

5.2 Existing Monitoring Well Sampling

Prior to the collection of groundwater samples, Apex gauged each monitoring well using an inter-phase probe to determine the absence or presence of free product, in addition to determining the depth to groundwater. Free product was not detected in any of the site monitoring wells.

All wells were properly purged prior to sampling and purge waters were containerized on-site in fifty-five (55) gallon drums. All drums have been temporarily staged at the Property pending waste characterization and off-site disposal in accordance with all applicable

Federal, State and Local regulations. Provided in **Appendix C** are copies of the monitoring well purge forms.

On October 23, 2009, Apex completed a comprehensive groundwater-level measurement round from site monitoring wells. In general, groundwater at the Property was encountered at depths ranging from 20 to 23 ft bls. Regional groundwater flow has been reported in a south-southwest direction. As indicated in **Figure 2**, groundwater flow was confirmed to be in a south-southwest direction based on the results of the October 23, 2009 well gauging and surveying activities.

The following is a summary of the groundwater sampling analytical results.

5.2.1 VOCs Results (groundwater)

A total of four (4) VOCs were detected in groundwater from seven (7) of the twenty-one (21) monitoring well locations sampled from September 29 through October 1, 2009. These VOCs consist of the following:

- PCE;
- TCE;
- Cis-1,2-dichlorothene (c12DCE); and,
- Isopropylbenzene (cumene).

PCE was detected at 23 ug/L, 5 ug/L, and 19 ug/L in monitoring wells MW-9, MW-16 and MW-17, respectively. The NYS Class GA Groundwater Quality Standard for PCE is 5 ug/L. TCE was detected in the following three monitoring wells at concentrations exceeding the NYS Class GA Groundwater Quality Standard of 5 ug/L: MW-11 (35 ug/L); MW-12 (15 ug/L); and MW-13 (6 ug/L). c12DCE was detected in one monitoring well (MW-11) at a concentration of 9 ug/L, slightly exceeding the NYS Class GA Groundwater Quality Standard of 5 ug/L. Lastly, isopropylbenzene was detected in one monitoring well (MW-6) at a concentration of 21 ug/L, also exceeding the NYS Class GA Groundwater Quality Standard of 5 ug/L.

Provided in **Table 1** is a summary of VOCs detected in groundwater. In addition, a summary of the VOCs detected in groundwater at concentrations exceeding the NYS Class GA Groundwater Quality Standards is provided in **Figure 3A**.

5.2.2 Metals Results (groundwater)

The groundwater samples collected from the twenty-one (21) monitoring wells at the Property were analyzed for both total and dissolved (i.e., filtered) metals. Although the

majority of the Priority Pollutant Metals analyte list, including barium and manganese, were detected in groundwater, only two constituents were detected at concentrations exceeding the NYS Class GA Groundwater Quality Standards:

- Chromium; and,
- Manganese.

Chromium was detected in the groundwater sample collected from MW-12A at a concentration of 91 ug/L (total). The NYS Class GA Groundwater Quality Standard for chromium is 50 ug/L. However, it should be noted that the dissolved sample collected from MW-12A was reported by the laboratory as non-detect for chromium. Manganese was also detected in the groundwater sample collected from MW-12A at concentrations of 1,270 ug/L (total) and 852 ug/L (dissolved), both exceeding the NYS Class GA Groundwater Quality Standard of 300 ug/L. Manganese was also detected in the groundwater sample collected from MW-19 at a concentration of 320 ug/L (total); however, the dissolved sample was reported at 14 ug/L, which is below the NYS Class GA Groundwater Quality Standard of 300 ug/L. The discrepancy of higher total metals analytical results, in comparison to the lower dissolved analytical results, likely indicates the groundwater samples were slightly turbid, resulting in elevated concentrations of total metals in groundwater due to the likely presence of sediment within the samples. It should be noted that NYSDEC does not accept filtered sample results when comparing groundwater sample data to regulatory guidelines or standards.

Provided in **Table 2** is a summary of metals (total and dissolved) detected in groundwater. In addition, provided in **Figure 3B** is a summary of the metals detected in groundwater at concentrations exceeding the NYS Class GA Groundwater Quality Standards.

5.2.3 SVOCs Results (groundwater)

SVOCs were not detected in the groundwater samples collected at the Property from September 29 through October 1, 2009. Provided in **Table 3** is a summary of the SVOC analysis.

5.2.4 PCBs and Cyanide Results (groundwater)

PCBs and cyanide were not detected in the groundwater samples collected at the Property from September 29 through October 1, 2009. Provided in **Table 4** is a summary of the PCBs and cyanide analysis.

5.3 Leaching Pool/Exterior Soil Sampling

A total of thirteen (13) leaching pools were sampled, in addition to an observed area of stained soil located in the area of a former building foundation, which was encountered as part of test pit activities during the unearthing of the leaching pools. Based on visual observations, the area of impacted soil at the former foundation location was approximately four (4) feet by four (4) feet, extending to two (2) to three (3) ft bls.

The following is a summary of the leaching pool/exterior soil sampling analytical results.

5.3.1 VOCs Results (leaching pools/exterior soils)

Only one leaching pool (LP-21) at the system located adjacent to the west side of the former storage building contained detections of VOCs. PCE was detected in the soil sample collected from twelve (12) to thirteen (13) ft bls (i.e., 2-3 ft into bottom sediments) at a concentration of 75 micrograms per kilogram (ug/kg), which is below the Unrestricted Use Soil Cleanup Objective of 1,300 ug/kg. 1,2,4-trichlorobenzene was also detected at a concentration of 230 ug/kg. It should be noted that there is no Unrestricted Use Soil Cleanup Objective for 1,2,4-trichlorobenzene. No VOCs were detected in the soil samples (SS-1 and SS-2) collected from the stained soil area. All VOC results were below the Unrestricted Use Soil Cleanup Objectives.

Provided in **Table 5** is a summary of VOCs detected in soil.

5.3.2 SVOCs Results (leaching pools/exterior soils)

Only one leaching pool (LP-27; 12-13 ft bls) at the system located between the former storage and former manufacturing buildings contained detections of the following SVOCs exceeding the Unrestricted Use Soil Cleanup Objectives:

- Benzo(a)anthracene (3,300 ug/kg);
- Benzo(a)pyrene (2,900 ug/kg);
- Benzo(b)fluoranthene (3,800 ug/kg);
- Benzo(k)fluoranthene (4,500 ug/kg); and,
- Chrysene (3,400 ug/kg).

The Unrestricted Use Soil Cleanup Objectives for each of the above constituents is 1,000 ug/kg, with the exception of benzo(k)fluoranthene (800 ug/kg). All samples were collected 2-3 ft into the bottom sediments.

With regard to the stained soil area in the area of a former building foundation, the shallow soil sample (SS-2) collected from one (1) to two (2) ft bls contained benzo(a)anthracene (1,100 ug/kg), benzo(b)fluoranthene (1,200 ug/kg), benzo(k)fluoranthene (1,400 ug/kg), and chrysene (1,600 ug/kg) at concentrations exceeding the Unrestricted Use Soil Cleanup Objectives. However, no SVOCs were detected in the deeper soil sample (SS-1) collected from the stained soil area from three (3) to four (4) ft bls. This indicates a shallow/localized impact, likely from a surface spill/release.

Provided in **Table 7** is a summary of SVOCs detected in soil. In addition, provided in **Figure 4A** is a summary of the SVOCs detected in soil at concentrations exceeding the Unrestricted Use Soil Cleanup Objectives.

5.3.3 Metals Results (leaching pools/exterior soils)

Of the thirteen (13) leaching pools sampled, eight (8) of the leaching pools contained metals at concentrations exceeding the Unrestricted Use Soil Cleanup Objectives. These leaching pools consist of LP-4 (10-11 ft bls), LP-15 (12-13 ft bls), LP-21 (12-13 ft bls), LP-22 (12-13 ft bls), LP-23 (12-13 ft bls), LP-25 (10-11 ft bls), LP-26 (10-11 ft bls), and LP-28 (11-12 ft bls). All samples were collected 2-3 ft into the bottom sediments.

The metals detected at concentrations exceeding the Unrestricted Use Soil Cleanup Objectives (maximum concentrations indicated after each constituent) included barium (426 mg/kg; LP-26), cadmium (8 mg/kg; LP-21), chromium (16,400 mg/kg; LP-21), copper (2,110 mg/kg; LP-21), lead (502 mg/kg; LP-21), nickel (572 mg/kg; LP-21), silver (136 mg/kg; LP-28), and zinc (3,380 mg/kg; LP-21). Provided in **Table 6** is a summary of metals detected in soil, including the ranges of concentrations of these metals exceeding the Unrestricted Use Soil Cleanup Objectives.

With regard to the stained soil area in the area of a former building foundation (SS-2, 1-2 ft bls), lead (65.8 milligrams per kilogram (mg/kg) was the only metal detected at a concentration exceeding the Unrestricted Use Soil Cleanup Objectives (63 mg/kg).

Provided in **Figure 4B** is a summary of the metals detected in soil at concentrations exceeding the Unrestricted Use Soil Cleanup Objectives.

5.3.4 PCBs Results (leaching pools/exterior soils)

Of the thirteen (13) leaching pools sampled, ten (10) of the leaching pools contain total PCBs at concentrations exceeding the Unrestricted Use Soil Cleanup Objective of 0.1 mg/kg. All samples were collected 2-3 ft into the bottom sediments. These leaching pools consist of LP-4, LP-14 (12-13 ft bls), LP-15, LP-21, LP-22, LP-23, LP-24 (12-13 ft bls), LP-25, LP-26, and LP-27 (12-13 ft bls) and total PCBs concentrations ranged from 0.17 mg/kg (LP-14, 12-

13 ft bls) to 6.22 mg/kg (LP-26, 10-11 ft bls). Aroclor 1254 and Aroclor 1260 were the two predominant PCBs detected in the samples collected.

With regard to the stained soil area in the area of a former building foundation, total PCBs were not detected at a concentration exceeding the Unrestricted Use Soil Cleanup Objective.

Provided in **Table 8** is a summary of PCBs detected in soil. In addition, provided in **Figure 4A** is a summary of the total PCBs detected in soil at concentrations exceeding the Unrestricted Use Soil Cleanup Objectives.

5.4 Interior Soil Boring and Sampling

Seven (7) interior cores, and subsequent sampling of the underlying soils, were completed within the existing site buildings. The locations of the interior soil boring and sampling locations are provided in **Figure 5**.

The following is a summary of the interior soil boring and sampling analytical results.

5.4.1 VOCs Results (interior soils)

Three interior soil boring locations contained detections of VOCs. PCE was detected in soil samples S-4 (1-2 ft bls) and S-5 (1-2 ft bls) at 11 ug/kg and 38 ug/kg, respectively. However, these concentrations are below the Unrestricted Use Soil Cleanup Objective for tetrachloroethene (1,300 ug/kg). For soil sample S-7 (2-3 ft bls), total xylenes, ethylbenzene, and 2-hexanone were detected at concentrations of 116 ug/kg, 39 ug/kg, and 13 ug/kg, respectively. However, the concentrations of total xylenes and ethylbenzene are also below the Unrestricted Use Soil Cleanup Objectives (260 ug/kg and 1,000 ug/kg, respectively). It should be noted that there is no Unrestricted Use Soil Cleanup Objective for 2-hexanone.

Provided in **Table 5** is a summary of VOCs detected in soil.

5.4.2 SVOCs Results (interior soils)

Only one interior soil boring location (S-5; 1-2 ft bls) contained detections of SVOCs; however, as indicated below, the concentrations were reported below the Unrestricted Use Soil Cleanup Objectives:

- Benzo(a)anthracene (220 ug/kg);
- Benzo(a)pyrene (190 ug/kg);
- Benzo(b)fluoranthene (330 ug/kg);
- Benzo(k)fluoranthene (190 ug/kg);

- Chrysene (280 ug/kg);
- Fluoranthene (480 ug/kg);
- Phenanthrene (410 ug/kg); and,
- Pyrene (420 ug/kg).

The Unrestricted Use Soil Cleanup Objectives for the above constituents is 1,000 ug/kg, with the exception of benzo(k)fluoranthene (800 ug/kg), in addition to fluoranthene, phenanthrene, and pyrene (100,000 ug/kg).

Provided in **Table 7** is a summary of SVOCs detected in soil.

5.4.3 Metals Results (interior soils)

Although the majority of the Priority Pollutant Metals analyte list, including barium and manganese, were detected in soil, only one constituent was detected at a concentration exceeding the Unrestricted Use Soil Cleanup Objective. Copper was detected in the soil sample collected at S-4 (1-2 ft bls) at a concentration of 340 mg/kg, exceeding the Unrestricted Use Soil Cleanup Objective of 50 mg/kg. This sampling location is within the former manufacturing building in the southern portion of the Property.

Provided in **Table 6** is a summary of metals detected in soil. In addition, provided in **Figure 5** is a summary of the metals (copper) detected in soil at concentrations exceeding the Unrestricted Use Soil Cleanup Objectives.

5.4.4 PCBs Results (interior soils)

Four (4) of the seven (7) interior soil sampling locations contained detections of total PCBs; however, as indicated below, the concentrations were reported below the Unrestricted Use Soil Cleanup Objective of 0.1 mg/kg:

- S-1; 1-2 ft bls (0.045 mg/kg);
- S-2; 1-2 ft bls (0.034 mg/kg);
- S-4; 1-2 ft bls (0.019 mg/kg); and,
- S-5; 1-2 ft bls (0.019 mg/kg).

Provided in **Table 8** is a summary of PCBs detected in soil.

6.0 CONCLUSIONS

The following is a summary of the conclusions of the Phase II site investigation scope of work activities completed by Apex at the Property between September 29, 2009 and October 14, 2009.

6.1 Background Information and Prior Reports

The Property, identified as the former Avis Headquarters Property, consists of approximately 21.858 acres located at 900 Old Country Road, between East Gate Boulevard and Zeckendorf Boulevard, in the Town of Hempstead, Village of Garden City, New York (Section 44, Block 67, Lots 26, 27, and 28). The Property is developed with five (5) buildings.

The Property is currently owned by the Simon Property Group and previously served as the world headquarters of Avis Rent-A-Car. Based on reports prepared by others, the north three (3) story building was leased and served as office space for Avis and the south one and one-half (1 ½) story office building was leased and served as office space and warehouse space for Cendant Corporation, the parent company of Avis. Two additional buildings (the one and one-half (1 ½) story former storage building and the one (1) story former manufacturing building) are located to the south of the former Cendant Office Building. As discussed further in detail below, impacted soil was identified within all the leaching pools sampled from the two leaching pool systems associated with these two buildings.

Several previous environmental investigations have been performed at the Property by others. A recent site assessment was completed at the Property in July-August 2009 by Soil Mechanics. The following is a summary of the Soil Mechanics investigation and work completed previously by others (as made available to Apex for review):

- In July 2009, Soil Mechanics completed a total of ten (10) soil borings at four (4) former UST locations at the Property to determine the presence or absence of soil impacts associated with the former UST system(s). It appears that the samples were properly collected at depth(s) which would have represented the bottom of the former tank pit at each former UST location. Based on the soil sampling analytical results, no VOCs were detected in soil and the concentrations of SVOCs detected were below the Unrestricted Use Soil Cleanup Objectives. It should also be noted that according to reports prepared by others, it appears as if the NCDH provided approval in July 2005 and March 2006 for these UST removals/closures;

- Between July and August 2009, Soil Mechanics collected soil samples from twelve (12) dry wells/leaching pools at the Property. Concentrations of several SVOCs and metals were detected at concentrations exceeding the Unrestricted Use Soil Cleanup Objectives in eleven (11) of the twelve (12) dry wells/leaching pools sampled. In some cases, the concentrations were

reported one to two orders of magnitude greater than the Unrestricted Use Soil Cleanup Objectives. Provided in **Appendix A** is a copy of Soil Mechanics' July-August 2009 site assessment data package. Included in **Appendix A** is a Site Plan prepared by Soil Mechanics identifying the locations of the dry wells/leaching pools sampled. In addition, provided in **Table 1** of **Appendix A** is a summary of the dry well/leaching pool sampling depths, while **Table 6** and **Table 7** present the SVOCs and metals sampling analytical results, respectively;

- In July 2009, Soil Mechanics completed five (5) soil borings at apparently random locations at the Property to provide an overall assessment of subsurface soil quality. The rationale for sample location selection was not available. Based on the soil sampling analytical results, no VOCs were detected in soil and the concentrations of SVOCs and metals were detected below the NYSDEC Unrestricted Use Soil Cleanup Objectives;

- In August 2009, Soil Mechanics collected a sample of the water contained in the large wooden tank in the west end of the former storage building. Based on the sampling results, no VOCs were detected in the water sample. The only SVOC detected in the water sample was bis(2-ethylhexyl)phthalate at a concentration of 20 ug/L. The concentrations of metals detected in the water sample were reported below the NYS Class GA Groundwater Quality Standards;

- In August 2009, Soil Mechanics collected four (4) soil gas samples from locations outside of the building footprint(s). Elevated VOC concentrations (i.e., chlorinated VOCs exceeding NYSDOH Matrix 1 or Matrix 2 levels recommending soil vapor mitigation, or non-chlorinated / petroleum VOCs exceeding the 95th percentile, BASE levels published by USEPA) were observed in all four soil gas sampling locations. PCE was detected in soil-vapor sample SVW-2 at a concentration of 330 ug/m3, which exceeds the Matrix 1 level of 250 ug/m3 for chlorinated solvents requiring mitigation. TCE was also detected at a concentration of 290 ug/m3 at this same sampling location. In addition, toluene was detected at elevated concentrations in all four soil-vapor sampling locations, ranging in concentrations from 920 ug/m3 (SVW-1) to 1,600 ug/m3 (SVW-2). Provided in **Appendix A** is a copy of Soil Mechanics' July-August 2009 site assessment data package. The soil-vapor sampling analytical results are included as **Table 12** in **Appendix A**; and,

  Based on these soil-vapor sampling results, the NYSDEC and/or the NYSDOH will likely require additional SVI investigation activities and possibly SVI mitigation once final redevelopment plans are available indicating the location and design elements of future structures.

6.2 Current Apex Findings

A total of twenty-nine (29) potential former leaching pools were identified during the limited geophysical survey completed by Apex. The majority of these leaching pools did not appear to have been identified previously during former GPR studies performed by others. A total of five (5) leaching pool systems were identified as part of the limited geophysical survey:

- Adjacent to the west-southwest corner of the former Cendant Office Building (LP-1 through LP-8);
- Adjacent to the south-southwest corner of the former Cendant Office Building (LP-9 through LP-20);
- Adjacent to the west side of the former storage building (LP-21 and LP-22);
- Between the former storage and former manufacturing buildings (LP-23 through LP-27); and,
- Adjacent to the east side of the former Avis Office Building (LP-28 and LP-29).

In addition, as part of the geophysical survey, asphalt patches (made previously by others) were also screened; however, these locations did not reveal any related subsurface anomalies.

On October 13, 2009, Apex collected soil samples from thirteen (13) leaching pools, in addition to an observed area of stained soil located in the area of a former building foundation, which was encountered as part of test pit activities during the unearthing of the leaching pools. All leaching pool samples were collected 2-3 ft into the bottom sediments. The following is a summary of the results of leaching pool screening:

- PCE was detected at a concentration of 75 ug/kg in LP-21 (leaching pool system located adjacent to the west side of the former storage building), which is well below the Unrestricted Use Soil Cleanup Objective of 1,300 ug/kg. VOCs were not detected in any of the leaching pools at concentrations exceeding the Unrestricted Use Soil Cleanup Objectives;
- SVOCs were detected in one leaching pool (LP-27) at the system located between the former storage and former manufacturing buildings at concentrations exceeding the Unrestricted Use Soil Cleanup Objectives;
- Of the thirteen (13) leaching pools sampled, eight (8) of the leaching pools (LP-4, LP-15, LP-21, LP-22, LP-23, LP-25, LP-26, LP-28) contained metals at concentrations exceeding the Unrestricted Use Soil Cleanup Objectives. The metals detected at concentrations exceeding the Unrestricted Use Soil Cleanup Objectives (maximum concentrations indicated after each constituent) included barium (426 mg/kg; LP-26), cadmium (8 mg/kg; LP-21), chromium (16,400 mg/kg; LP-21), copper (2,110 mg/kg; LP-21), lead (502 mg/kg; LP-21), nickel (572 mg/kg; LP-21), silver (136 mg/kg; LP-28), and zinc (3,380 mg/kg; LP-21);
- Of the thirteen (13) leaching pools sampled, ten (10) of the leaching pools (LP-4, LP-14, LP-15, LP-21, LP-22, LP-23, LP-24, LP-25, LP-26, LP-27) contain total PCBs at concentrations exceeding the Unrestricted Use Soil Cleanup Objective. Total PCBs concentrations ranged from 0.17 mg/kg (LP-14) to 6.22 mg/kg (LP-26). Aroclor 1254 and Aroclor 1260 were the two predominant PCBs detected in the samples collected; and,

- It should be noted that soil contamination was identified in all the leaching pools sampled from the two leaching pool systems associated with the former storage building and the former manufacturing building.

The observed area of stained soil, located in the area of a former building foundation, was approximately four (4) feet by four (4) feet, extending to two (2) to three (3) feet below land surface. One shallow soil sample (SS-2, 1-2 ft bls) and a deeper soil sample (SS-1, 3-4 ft bls) were collected in this area in an attempt to delineate the vertical extent of the impacted soil:

- VOCs were not detected in either soil sample SS-1 or SS-2. SVOCs and lead were detected in the shallow soil sample SS-2 at concentrations exceeding the Unrestricted Use Soil Cleanup Objectives. However, these constituents were not detected above the Unrestricted Use Soil Cleanup Objectives in the deeper soil sample SS-1, which indicates a shallow, localized impact likely from a surface release. Total PCBs were not detected at concentrations exceeding the Unrestricted Use Soil Cleanup Objective in both soil sample SS-1 and SS-2.

Apex collected groundwater samples from twenty-one (21) existing monitoring wells from September 29 through October 1, 2009. The following is a summary of the groundwater sampling program results:

- VOCs detected in groundwater at concentrations exceeding the NYS Class GA Groundwater Quality Standards include PCE (MW-9; 23 ug/L, MW-17; 19 ug/L), TCE (MW-11; 35 ug/L, MW-12; 15 ug/L, MW-13; 6 ug/L), c12DCE (MW-11; 9 ug/L), and isopropylbenzene (MW-6; 21 ug/L). The TCE and c12DCE are likely related to the PCE as degradation products;

- Metals consisting of chromium (total) and manganese (total and dissolved) were detected in MW-12A above the NYS Class GA Groundwater Quality Standards. In addition, manganese (total) was detected above the NYS Class GA Groundwater Quality Standard at MW-19;

- SVOCs, PCBs, and cyanide were not detected in groundwater; and,

- The monitoring wells exceeding the NYS Class GA Groundwater Quality Standards are located in the southern portion of the Property. Regional groundwater flow has been reported in a south-southwest direction. Therefore, it is possible that the above leaching pool system(s) located in the southern portion of the Property may be a contributing source to groundwater contamination at the Property.

Between October 13-14, 2009, Apex completed seven (7) cores, and subsequent sampling of the underlying soils, from interior sampling locations (e.g., floor drains, sumps) within the existing buildings:

- Copper was the only constituent detected in soil (S-4) at a concentration exceeding the Unrestricted Use Soil Cleanup Objective;

- PCE was detected in soil samples S-4 and S-5 at 11 ug/kg and 38 ug/kg, respectively. These results, however, are well below the Unrestricted Use Soil Cleanup Objective of 1,300 ug/kg. Sampling locations S-4 and S-5 are within the former manufacturing building in the southern portion of the Property; and,

- VOCs, SVOCs, and total PCBs were not detected at concentrations exceeding their respective Unrestricted Use Soil Cleanup Objectives.

7.0 ASSUMPTIONS AND LIMITATIONS

Provided below is a summary of our assumptions and limitations in performing this Phase II ESA.

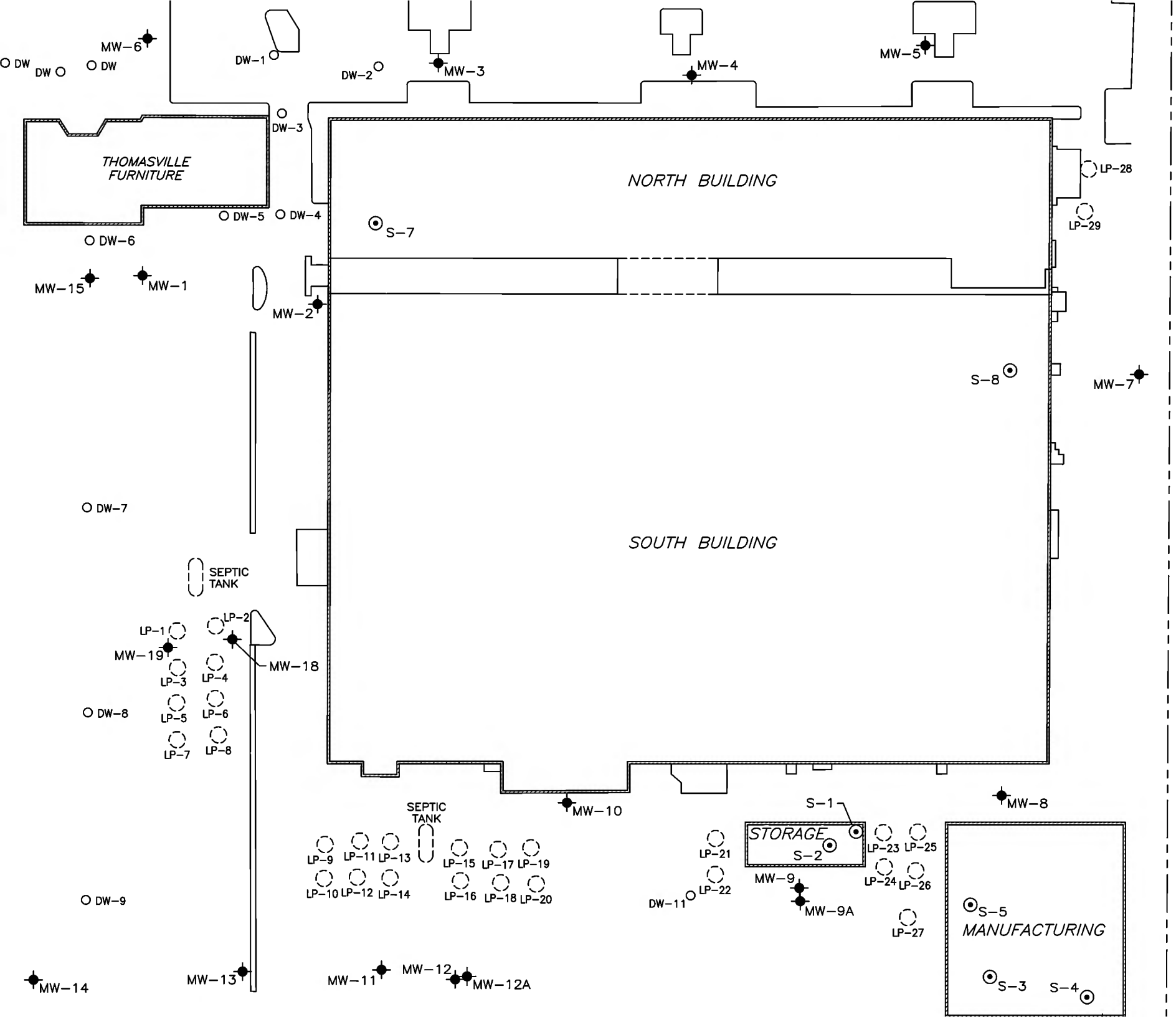
- Access was not provided to the Thomasville Home Furnishings Building as part of this Phase II ESA. Therefore, it is unknown if any subsurface impacts are present in this portion of the Property;

- The soil sampling program implemented by Apex as part of the Phase II ESA was designed to attempt to identify and identify potential significant, source area(s) of contamination at the Property within the budget and time constraints determined for the project by others. Additional site assessment activities will be required to determine the extent of contamination associated with the source area(s) (e.g., dry wells, leaching pools) identified during the completion of this Phase II ESA;

- Limited lighting and structural stability (i.e., collapsed ceilings) associated with all the buildings provided limited access due to health and safety concerns. As a result, some portions of the property may not have been investigated as part of this Phase II ESA;

- The thickness of floor slabs (in some cases, up to sixteen (16) inches in thickness), in addition to the presence of underlying utilities, conduits, and/or fill material, limited the amount of interior coring to be completed within the allowable timeframe to perform this Phase II ESA.

- Due to the expedited nature of this Phase II ESA, as identified by the client, not all of the potential areas of concern identified in this report were able to be thoroughly evaluated and/or investigated. For example, the limited geophysical survey performed by Apex identified twenty-nine (29) potential leaching pools; however, at the request of the client, only fourteen (14) of the leaching pools were to be sampled.


MW-6
DW
DW
DW
DW-1
DW-2
MW-3
MW-4
MW-5
DW-3
THOMASVILLE FURNITURE
NORTH BUILDING
LP-28
LP-29
DW-5
DW-4
S-7
DW-6
MW-15
MW-1
MW-2
S-8
MW-7
DW-7
SOUTH BUILDING
SEPTIC TANK
LP-1
LP-2
MW-19
MW-18
LP-3
LP-4
LP-5
LP-6
LP-7
LP-8
DW-8
SEPTIC TANK
MW-10
S-1
MW-8
STORAGE
S-2
LP-9
LP-11
LP-13
LP-15
LP-17
LP-19
LP-10
LP-12
LP-14
LP-16
LP-18
LP-20
LP-21
LP-22
DW-11
LP-23
LP-25
LP-24
LP-26
MW-9
MW-9A
LP-27
S-5
MANUFACTURING
DW-9
S-3
S-4
MW-14
MW-13
MW-11
MW-12
MW-12A
DW-1
S-8
0
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REV. NO.:
CLIENT:
LOCATION:
900

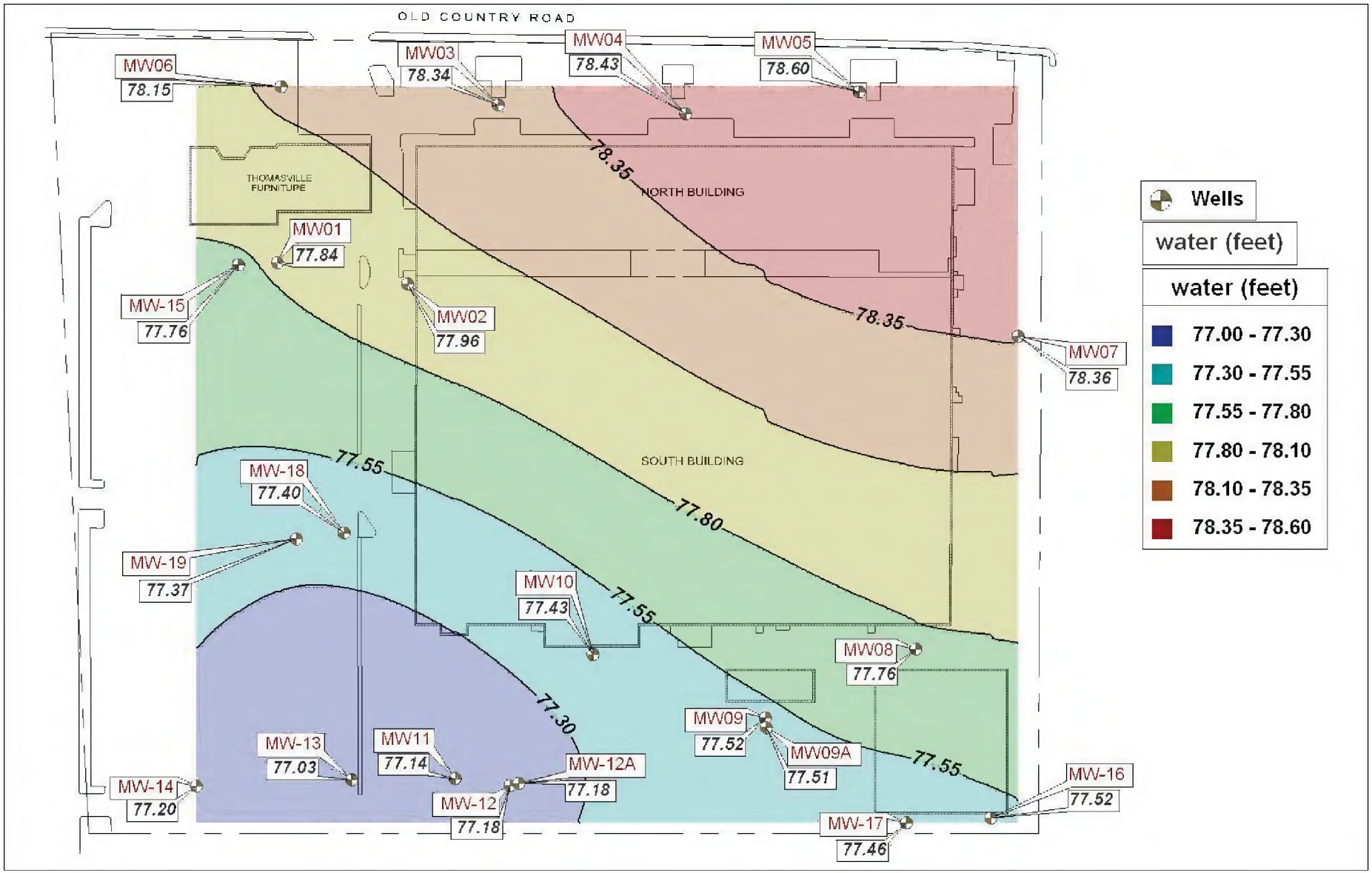


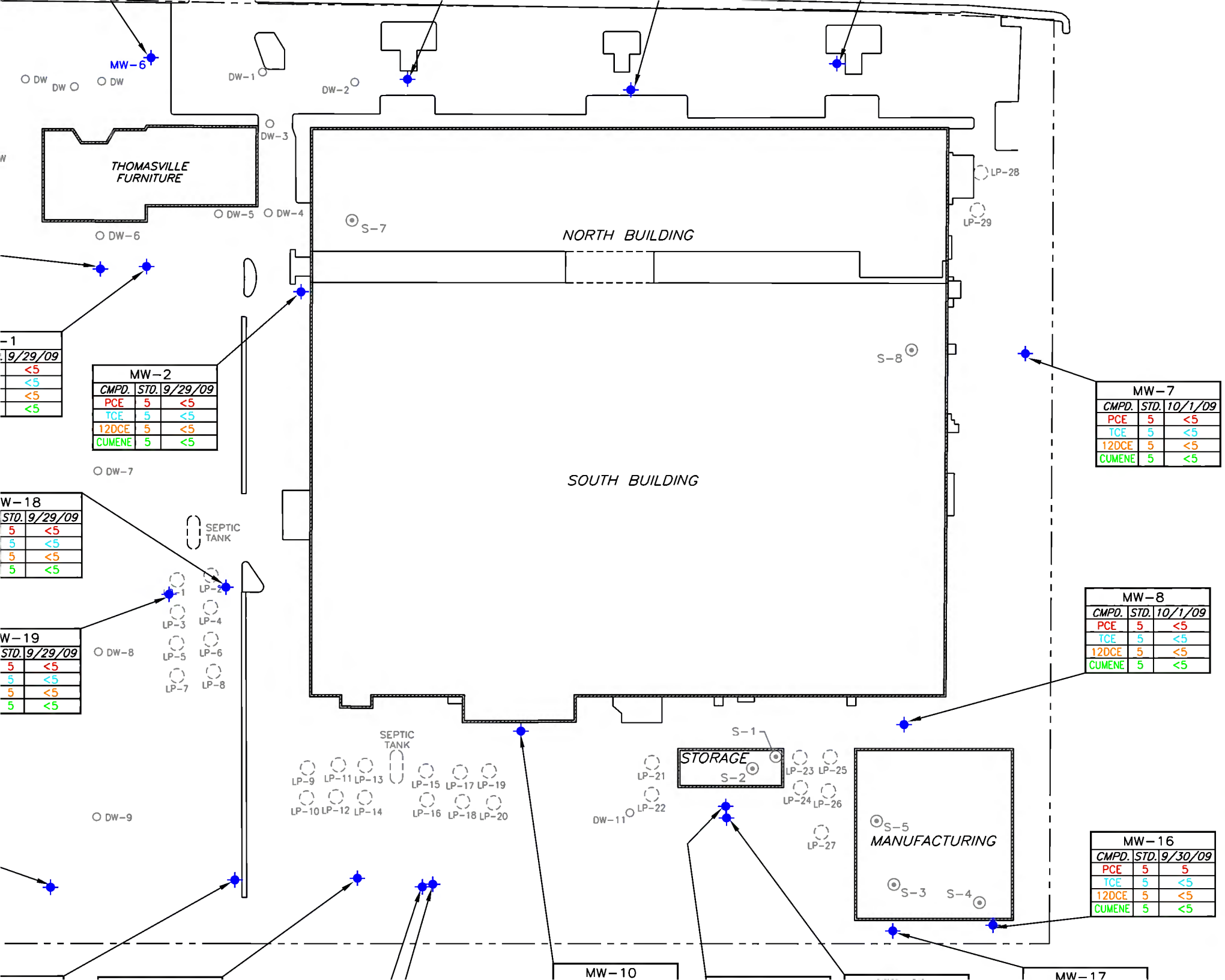
Figure 2 - GROUNDWATER CONTOUR MAP

Former Avis Facility Property, 900 Old Country Road, Garden City NY

October 23, 2009

Apex Companies, LLC

N W E S



MW-1		
		9/29/09
		<5
		<5
		<5
		<5

MW-2		
CMPD.	STD.	9/29/09
PCE	5	<5
TCE	5	<5
12DCE	5	<5
CUMENE	5	<5

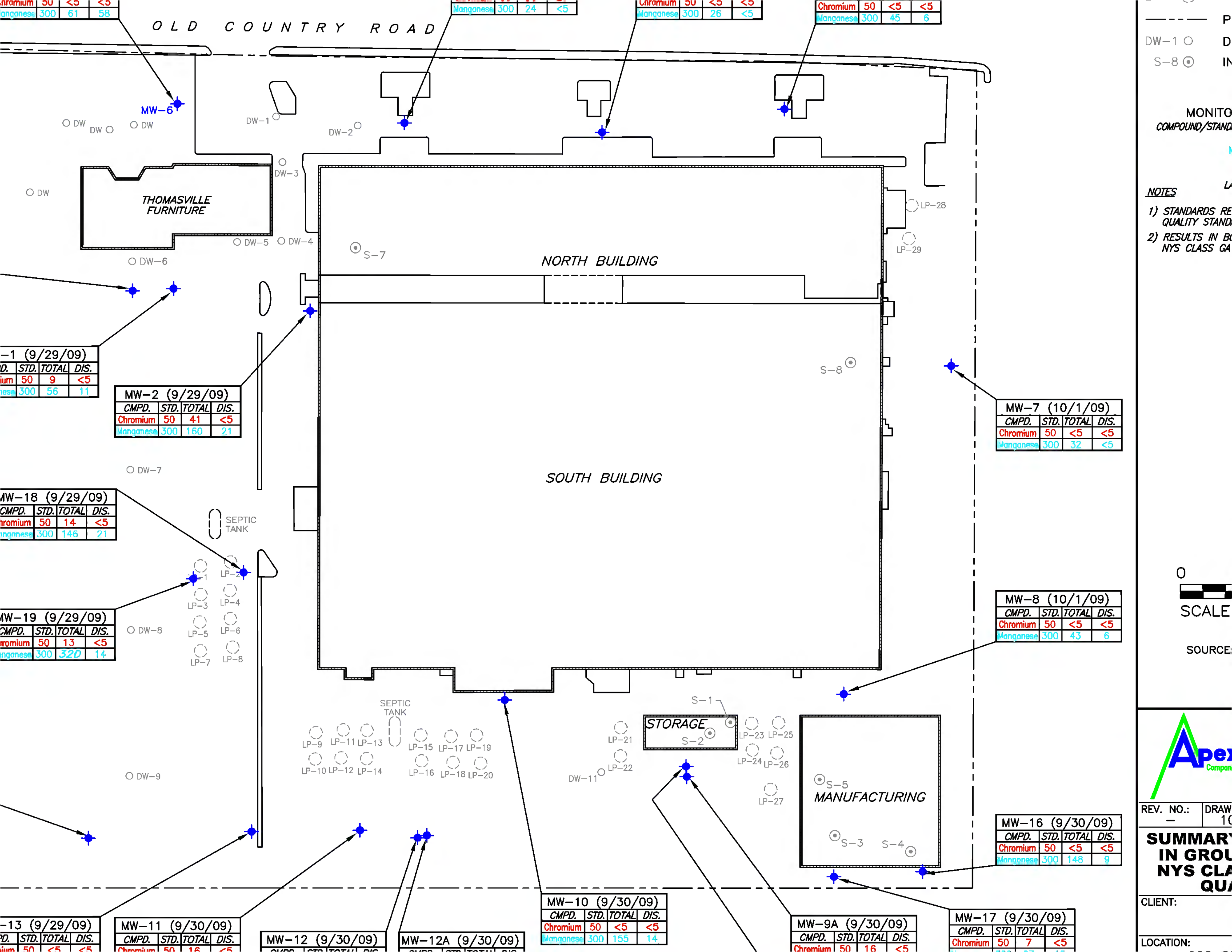
MW-18	
STD.	9/29/09
5	<5
5	<5
5	<5
5	<5

MW-19	
STD.	9/29/09
5	<5
5	<5
5	<5
5	<5

MW-7		
CMPD.	STD.	10/1/09
PCE	5	<5
TCE	5	<5
12DCE	5	<5
CUMENE	5	<5

MW-8		
CMPD.	STD.	10/1/09
PCE	5	<5
TCE	5	<5
12DCE	5	<5
CUMENE	5	<5

MW-16		
CMPD.	STD.	9/30/09
PCE	5	5
TCE	5	<5
12DCE	5	<5
CUMENE	5	<5


OLD COUNTRY ROAD
NORTH BUILDING
SOUTH BUILDING
THOMASVILLE FURNITURE
STORAGE
MANUFACTURING
SEPTIC TANK
SEPTIC TANK
MW-6
MW-2 (9/29/09)
CMPD. STD. TOTAL DIS.
Chromium 50 41 <5
Manganese 300 160 21
MW-7 (10/1/09)
CMPD. STD. TOTAL DIS.
Chromium 50 <5 <5
Manganese 300 32 <5
MW-8 (10/1/09)
CMPD. STD. TOTAL DIS.
Chromium 50 <5 <5
Manganese 300 43 6
MW-16 (9/30/09)
CMPD. STD. TOTAL DIS.
Chromium 50 <5 <5
Manganese 300 148 9
MW-10 (9/30/09)
CMPD. STD. TOTAL DIS.
Chromium 50 <5 <5
Manganese 300 155 14
MW-18 (9/29/09)
CMPD. STD. TOTAL DIS.
Chromium 50 14 <5
Manganese 300 146 21
MW-19 (9/29/09)
CMPD. STD. TOTAL DIS.
Chromium 50 13 <5
Manganese 300 320 14
MW-9A (9/30/09)
MW-17 (9/30/09)
MW-11 (9/30/09)
MW-12 (9/30/09)
MW-12A (9/30/09)
DW-1 DW-2 DW-3 DW-4 DW-5 DW-6 DW-7 DW-8 DW-9 DW-11
S-1 S-2 S-3 S-4 S-5 S-7 S-8
NOTES
1) STANDARDS RE
QUALITY STAND
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NYS CLASS GA
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SOURCE:
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SUMMARY
IN GROU
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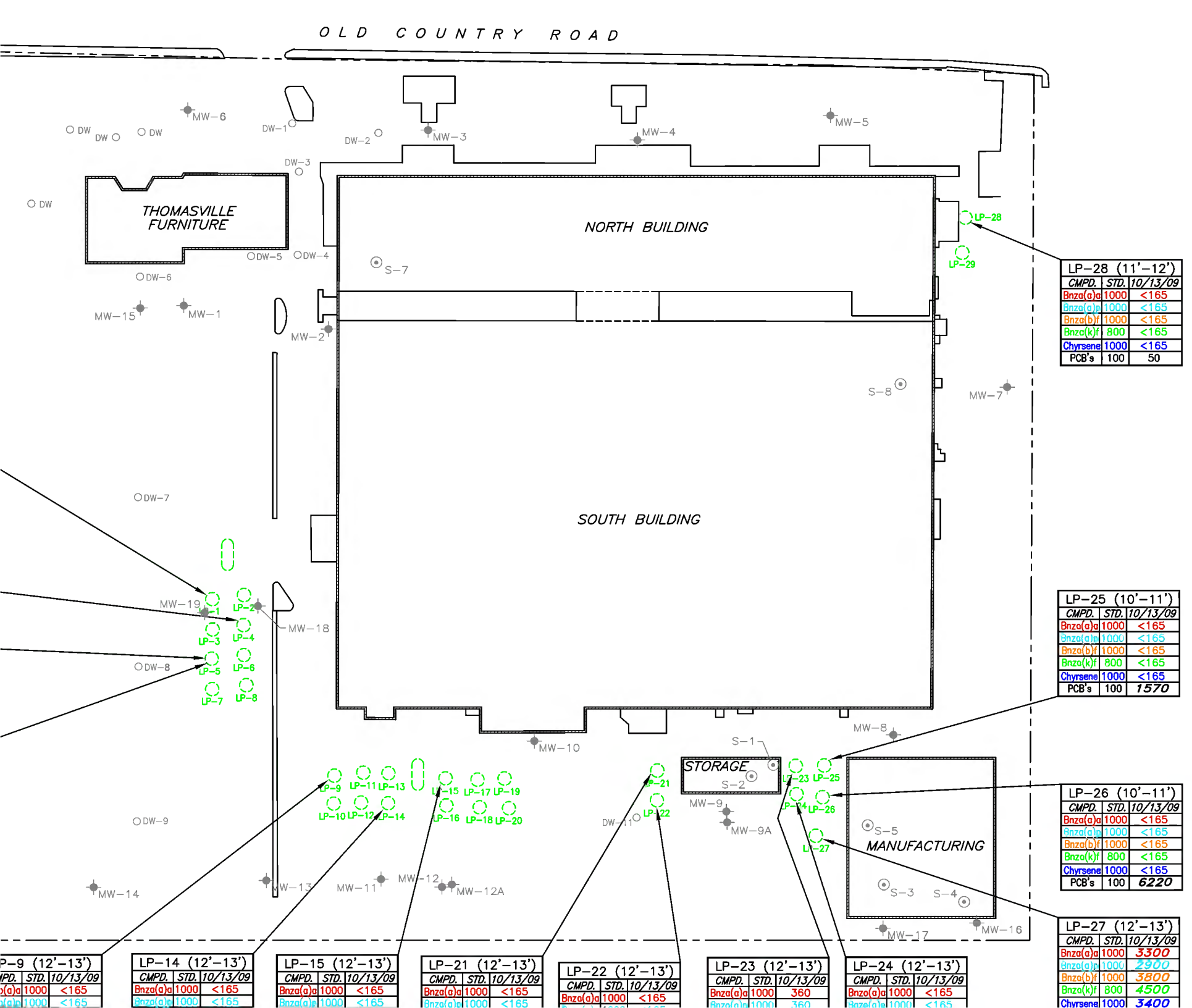
LOCATION:



LP-28 (11'–12')		
CMPD.	STD.	10/13/09
Bnza(a)a	1000	<165
Bnza(a)p	1000	<165
Bnza(b)f	1000	<165
Bnza(k)f	800	<165
Chyrsene	1000	<165
PCB's	100	50

LP-25 (10'–11')		
CMPD.	STD.	10/13/09
Bnza(a)a	1000	<165
Bnza(a)p	1000	<165
Bnza(b)f	1000	<165
Bnza(k)f	800	<165
Chyrsene	1000	<165
PCB's	100	1570

LP-26 (10'–11')		
CMPD.	STD.	10/13/09
Bnza(a)a	1000	<165
Bnza(a)p	1000	<165
Bnza(b)f	1000	<165
Bnza(k)f	800	<165
Chyrsene	1000	<165
PCB's	100	6220

LP-27 (12'–13')		
CMPD.	STD.	10/13/09
Bnza(a)a	1000	3300
Bnza(a)p	1000	2900
Bnza(b)f	1000	3800
Bnza(k)f	800	4500
Chyrsene	1000	3400

LP-9 (12'–13')		
CMPD.	STD.	10/13/09
Bnza(a)a	1000	<165
Bnza(a)p	1000	<165

LP-14 (12'–13')		
CMPD.	STD.	10/13/09
Bnza(a)a	1000	<165
Bnza(a)p	1000	<165

LP-15 (12'–13')		
CMPD.	STD.	10/13/09
Bnza(a)a	1000	<165
Bnza(a)p	1000	<165

LP-21 (12'–13')		
CMPD.	STD.	10/13/09
Bnza(a)a	1000	<165
Bnza(a)p	1000	<165

LP-22 (12'–13')		
CMPD.	STD.	10/13/09
Bnza(a)a	1000	<165

LP-23 (12'–13')		
CMPD.	STD.	10/13/09
Bnza(a)a	1000	360

LP-24 (12'–13')		
CMPD.	STD.	10/13/09
Bnza(a)a	1000	<165

SOIL SAM
COMPOUND / STAN
Benzo(a)
Benz
Benzo(b)fl
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NOTES
1) STANDARDS R
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SUMMARY
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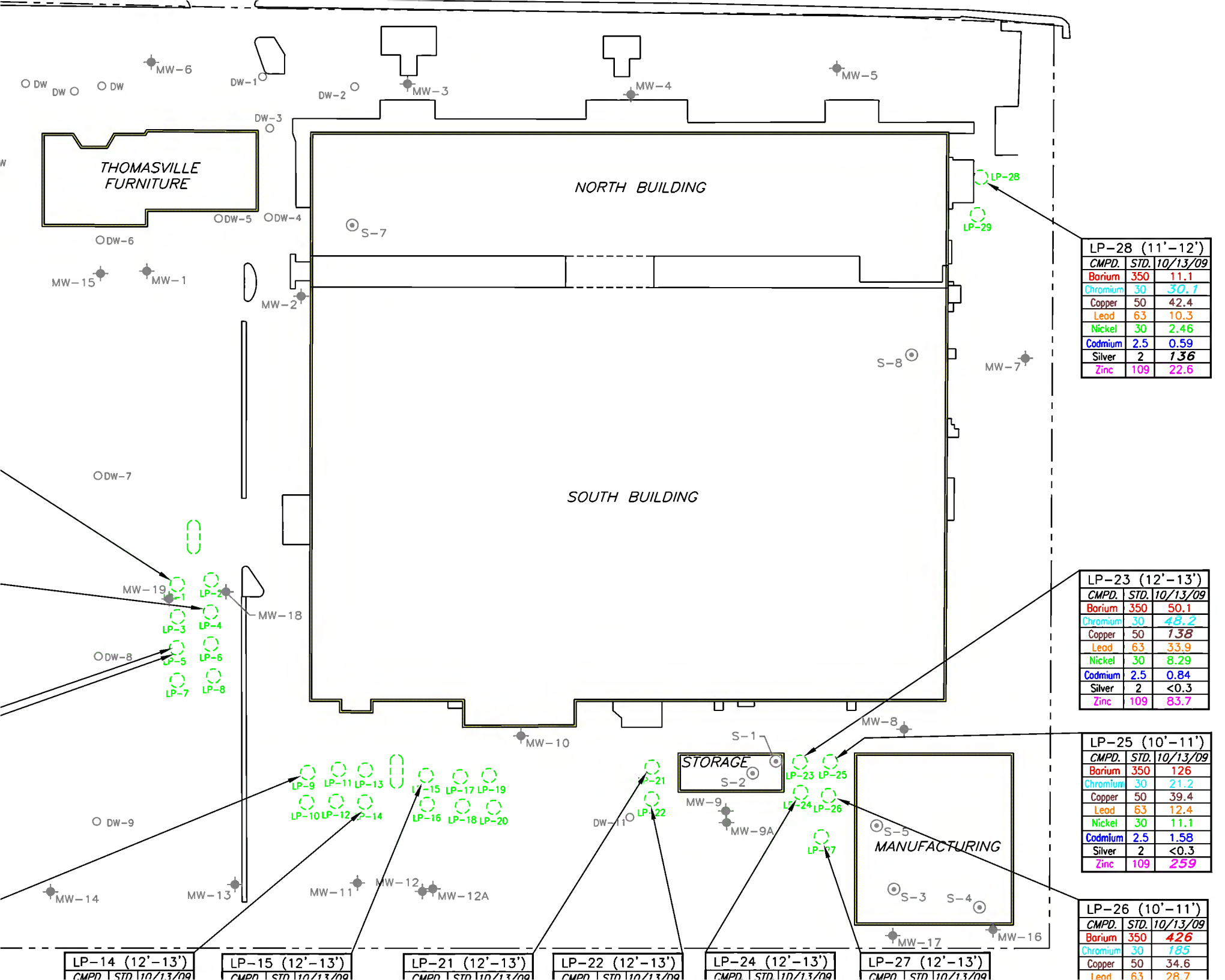
CLIENT:

LOCATION:



LP-28 (11'–12')		
CMPD.	STD.	10/13/09
Barium	350	11.1
Chromium	30	30.1
Copper	50	42.4
Lead	63	10.3
Nickel	30	2.46
Cadmium	2.5	0.59
Silver	2	136
Zinc	109	22.6

LP-23 (12'–13')		
CMPD.	STD.	10/13/09
Barium	350	50.1
Chromium	30	48.2
Copper	50	138
Lead	63	33.9
Nickel	30	8.29
Cadmium	2.5	0.84
Silver	2	<0.3
Zinc	109	83.7

LP-25 (10'–11')		
CMPD.	STD.	10/13/09
Barium	350	126
Chromium	30	21.2
Copper	50	39.4
Lead	63	12.4
Nickel	30	11.1
Cadmium	2.5	1.58
Silver	2	<0.3
Zinc	109	259

LP-26 (10'–11')		
CMPD.	STD.	10/13/09
Barium	350	426
Chromium	30	185
Copper	50	34.6
Lead	63	28.7

LP-14 (12'–13')		
CMPD.	STD.	10/13/09

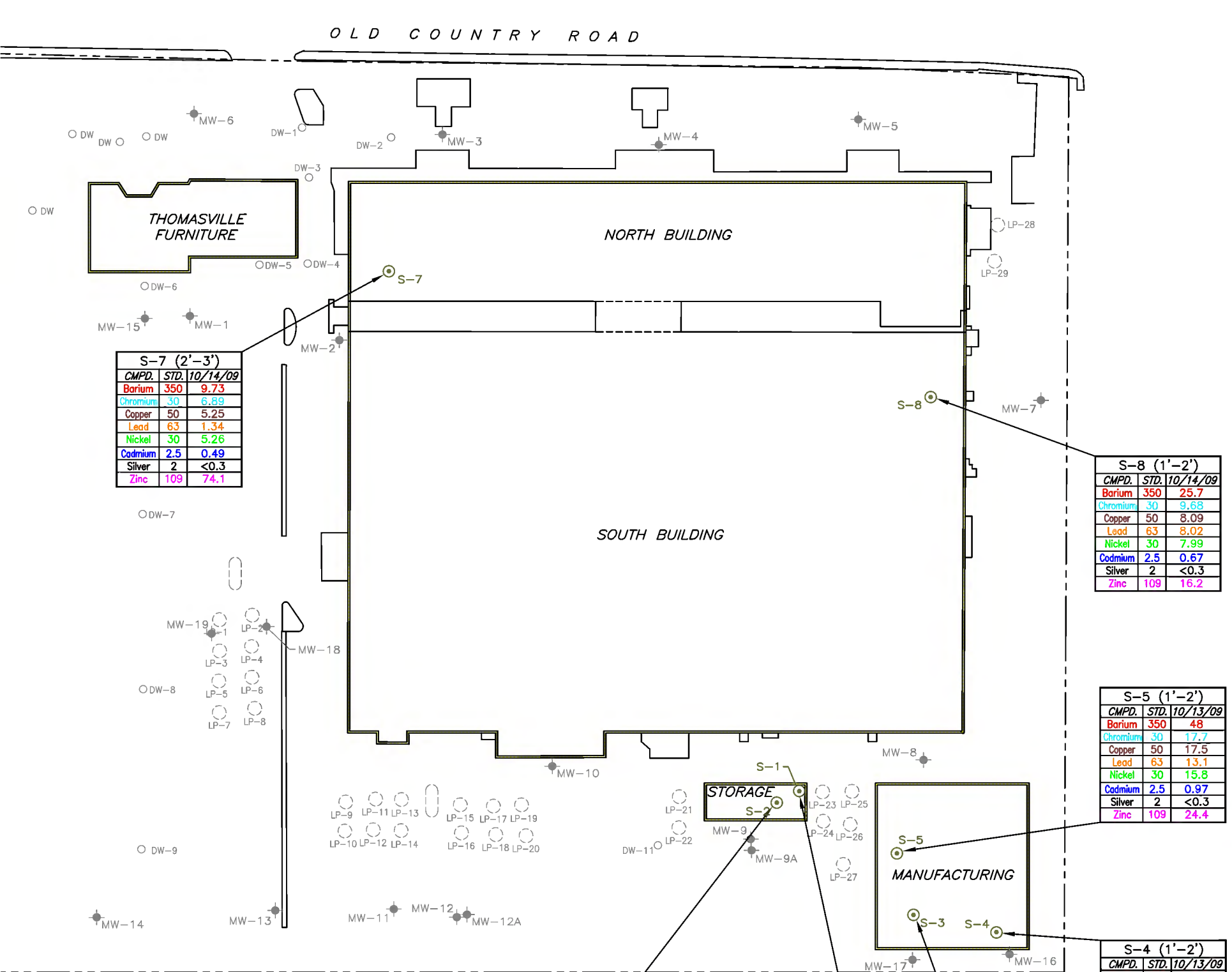
LP-15 (12'–13')		
CMPD.	STD.	10/13/09

LP-21 (12'–13')		
CMPD.	STD.	10/13/09

LP-22 (12'–13')		
CMPD.	STD.	10/13/09

LP-24 (12'–13')		
CMPD.	STD.	10/13/09

LP-27 (12'–13')		
CMPD.	STD.	10/13/09



S-7 (2'–3')		
CMPD.	STD.	10/14/09
Barium	350	9.73
Chromium	30	6.89
Copper	50	5.25
Lead	63	1.34
Nickel	30	5.26
Cadmium	2.5	0.49
Silver	2	<0.3
Zinc	109	74.1

S-8 (1'–2')		
CMPD.	STD.	10/14/09
Barium	350	25.7
Chromium	30	9.68
Copper	50	8.09
Lead	63	8.02
Nickel	30	7.99
Cadmium	2.5	0.67
Silver	2	<0.3
Zinc	109	16.2

S-5 (1'–2')		
CMPD.	STD.	10/13/09
Barium	350	48
Chromium	30	17.7
Copper	50	17.5
Lead	63	13.1
Nickel	30	15.8
Cadmium	2.5	0.97
Silver	2	<0.3
Zinc	109	24.4

S-2 (1'–2')		
CMPD.	STD.	10/14/09
Barium	350	29.5
Chromium	30	19.5
Copper	50	11.6

S-1 (1'–2')		
CMPD.	STD.	10/14/09
Barium	350	21.1
Chromium	30	15.3
Copper	50	12

S-3 (1'–2')		
CMPD.	STD.	10/13/09
Barium	350	20.4
Chromium	30	15.4
Copper	50	22.4

S-4 (1'–2')		
CMPD.	STD.	10/13/09
Barium	350	18.5
Chromium	30	13.4
Copper	50	340
Lead	63	13.5
Nickel	30	20.5
Cadmium	2.5	0.73

P
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S–8 IN

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NOTES

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Table 1
Equity One - Former Avis Facility
Summary of VOCs Detected in Groundwater

Analyte	NYS Class GA Groundwater Quality Standards (µg/l)	MW-1 9/29/2009	MW-2 9/29/2009	MW-3 10/1/2009	MW-4 10/1/2009	MW-5 10/1/2009	MW-6 10/1/2009	MW-7 10/1/2009	MW-8 10/1/2009	MW-9 9/30/2009	MW-9A 9/30/2009	MW-10 9/30/2009
cis-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	*23*	5 U	5 U
Isopropylbenzene (Cumene)	5	5 U	5 U	5 U	5 U	5 U	*21*	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichlorotrifluoroethane (Freon 113)	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	3	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	0.6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	3	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	3	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	60	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	7	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	0.4	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl tert-butyl Ether (MTBE)	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	0.4	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	2	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Xylenes (total)	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Total VOCs	**100**	**ND**	**ND**	**ND**	**ND**	**ND**	**21**	**ND**	**ND**	**23**	**ND**	**ND**

Notes:

1. All results in ug/l (ppb) unless noted.
2. U = Parameter not detected above method detection limit (value represents detection limit).
3. ND = Not detected.
4. Results in bold type are above the NYS Class GA Groundwater Quality Standards.
5. NA = Not available.

Table 1
Equity One - Former Avis Facility
Summary of VOCs Detected in Groundwater

Analyte	NYS Class GA Groundwater Quality Standards (µg/l)	MW-11 9/30/2009	MW-12 9/30/2009	MW-12A 9/30/2009	MW-13 9/30/2009	MW-14 9/30/2009	MW-15 9/29/2009	MW-16 9/30/2009	MW-17 9/30/2009	MW-18 9/29/2009	MW-19 9/29/2009	Trip Blank
cis-1,2-Dichloroethene	5	*9*	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5	*19*	5 U	5 U	5 U
Isopropylbenzene (Cumene)	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5	*35*	*15*	5 U	*6*	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichlorotrifluoroethane (Freon 113)	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	0.04	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	3	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene	0.6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	3	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	3	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	60	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	7	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	0.4	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl tert-butyl Ether (MTBE)	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	0.4	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	2	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Xylenes (total)	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Total VOCs	**100**	**44**	**15**	**ND**	**6**	**ND**	**ND**	**5**	**19**	**ND**	**ND**	**ND**

Notes:

1. All results in ug/l (ppb) unless noted.
2. U = Parameter not detected above method detection limit (value represents detection limit).
3. ND = Not detected.
4. Results in bold type are above the NYS Class GA Groundwater Quality Standards.
5. NA = Not available.

Table 2

Equity One - Former Avis Facility

Summary of Metals Detected in Groundwater

Analyte	NYS Class GA Groundwater Quality Standards (ug/l)	MW-1 (Total) 9/29/2009	MW-1 (Dissolved) 9/29/2009	MW-2 (Total) 9/29/2009	MW-2 (Dissolved) 9/29/2009	MW-3 (Total) 10/1/2009	MW-3 (Dissolved) 10/1/2009
Arsenic	25	4 U	10 U	4 U	10 U	4 U	10 U
Barium	1000	132	116	100	77	159	152
Chromium	50	9	5 U	41	5 U	30	27
Copper	200	5 U	6 U	8	6 U	5 U	6 U
Lead	25	4	3 U	3 U	3 U	3 U	3 U
Manganese	300	56	11	160	21	24	5 U
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	8	9 U	36	11	5 U	9 U
Antimony	3	6 U	8 U	6 U	8 U	6 U	8 U
Beryllium	11	0.1 U	1 U	0.1 U	1 U	0.1 U	1 U
Cadmium	5	3 U	3 U	3 U	3 U	3 U	3 U
Selenium	10	5 U	10 U	5 U	10 U	5 U	10 U
Silver	50	5 U	3 U	5 U	3 U	5 U	3 U
Thallium	NA	5 U	10 U	5 U	10 U	5 U	10 U
Zinc	NA	8	9	16	11	8	8

Notes:

1. Results in bold type are above the NYS Class GA Groundwater Quality Standards.
2. All results in ug/l (ppb) unless noted.
3. NA = Not available.
4. U = Parameter not detected above method detection limit (value represents detection limit).

Table 2
Equity One - Former Avis Facility
Summary of Metals Detected in Groundwater

Analyte	NYS Class GA Groundwater Quality Standards (ug/l)	MW-4 (Total) 10/1/2009	MW-4 (Dissolved) 10/1/2009	MW-5 (Total) 10/1/2009	MW-5 (Dissolved) 10/1/2009	MW-6 (Total) 10/1/2009	MW-6 (Dissolved) 10/1/2009
Arsenic	25	4 U	10 U	4 U	10 U	8	10 U
Barium	1000	10 U	10 U	67	58	175	152
Chromium	50	5 U	5 U	5 U	5 U	5 U	5 U
Copper	200	5 U	6 U	5 U	6 U	7	6
Lead	25	3 U	3 U	3 U	3 U	3 U	3 U
Manganese	300	26	5 U	45	6	61	58
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	5 U	9 U	6	9 U	5 U	9 U
Antimony	3	6 U	8 U	6 U	8 U	6 U	8 U
Beryllium	11	0.1 U	1 U	0.1 U	1 U	0.1 U	1 U
Cadmium	5	3 U	3 U	3 U	3 U	3 U	3 U
Selenium	10	5 U	10 U	5 U	10 U	5 U	10 U
Silver	50	5 U	3 U	5 U	3 U	5 U	3 U
Thallium	NA	5 U	10 U	5 U	10 U	5 U	10 U
Zinc	NA	10	10	9	8	10	8

Notes:

1. Results in bold type are above the NYS Class GA Groundwater Quality Standards.
2. All results in ug/l (ppb) unless noted.
3. NA = Not available.
4. U = Parameter not detected above method detection limit (value represents detection limit).

Table 2

Equity One - Former Avis Facility

Summary of Metals Detected in Groundwater

Analyte	NYS Class GA Groundwater Quality Standards (ug/l)	MW-7 (Total) 10/1/2009	MW-7 (Dissolved) 10/1/2009	MW-8 (Total) 10/1/2009	MW-8 (Dissolved) 10/1/2009	MW-9 (Total) 9/30/2009	MW-9 (Dissolved) 9/30/2009
Arsenic	25	4 U	10 U	4 U	10 U	4 U	10 U
Barium	1000	64	49	42	34	53	41
Chromium	50	5 U	5 U	5 U	5 U	5 U	5 U
Copper	200	5 U	6 U	5 U	6 U	7	7
Lead	25	3 U	3 U	3 U	3 U	3 U	3 U
Manganese	300	32	5 U	43	6	73	9
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	5	9 U	5 U	9 U	5 U	9 U
Antimony	3	6 U	8 U	6 U	8 U	6 U	8 U
Beryllium	11	0.1 U	1 U	0.1 U	1 U	0.1 U	1 U
Cadmium	5	3 U	3 U	3 U	3 U	3 U	3 U
Selenium	10	5 U	10 U	5 U	10 U	5 U	10 U
Silver	50	5 U	3 U	5 U	3 U	5 U	3 U
Thallium	NA	5 U	10 U	5 U	10 U	5 U	10 U
Zinc	NA	12	12	9	8	10	9

Notes:

1. Results in bold type are above the NYS Class GA Groundwater Quality Standards.
2. All results in ug/l (ppb) unless noted.
3. NA = Not available.
4. U = Parameter not detected above method detection limit (value represents detection limit).

Table 2
Equity One - Former Avis Facility
Summary of Metals Detected in Groundwater

Analyte	NYS Class GA Groundwater Quality Standards (ug/l)	MW-9A (Total) 9/30/2009	MW-9A (Dissolved) 9/30/2009	MW-10 (Total) 9/30/2009	MW-10 (Dissolved) 9/30/2009	MW-11 (Total) 9/30/2009	MW-11 (Dissolved) 9/30/2009
Arsenic	25	4 U	10 U	4 U	10 U	4 U	10 U
Barium	1000	139	139	50	35	102	29
Chromium	50	16	5 U	5 U	5 U	16	5 U
Copper	200	5	6 U	5 U	6 U	10	6 U
Lead	25	3 U	3 U	3 U	3 U	6	3 U
Manganese	300	35	15	155	14	57	5 U
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	12	9 U	5 U	9 U	13	9 U
Antimony	3	6 U	8 U	6 U	8 U	6 U	8 U
Beryllium	11	0.1 U	1 U	0.1 U	1 U	0.1 U	1 U
Cadmium	5	3 U	3 U	3 U	3 U	3 U	3 U
Selenium	10	5 U	10 U	5 U	10 U	5 U	10 U
Silver	50	5 U	3 U	5 U	3 U	5 U	3 U
Thallium	NA	5 U	10 U	5 U	10 U	5 U	10 U
Zinc	NA	13	8	8	8	55	6 U

Notes:

1. Results in bold type are above the NYS Class GA Groundwater Quality Standards.
2. All results in ug/l (ppb) unless noted.
3. NA = Not available.
4. U = Parameter not detected above method detection limit (value represents detection limit).

Table 2

Equity One - Former Avis Facility

Summary of Metals Detected in Groundwater

Analyte	NYS Class GA Groundwater Quality Standards (ug/l)	MW-12 (Total) 9/30/2009	MW-12 (Dissolved) 9/30/2009	MW-12A (Total) 9/30/2009	MW-12A (Dissolved) 9/30/2009	MW-13 (Total) 9/30/2009	MW-13 (Dissolved) 9/30/2009
Arsenic	25	4 U	10 U	10	10 U	4 U	10 U
Barium	1000	176	36	178	116	34	28
Chromium	50	18	5 U	***91***	5 U	5 U	5 U
Copper	200	10	6 U	22	6 U	5 U	6 U
Lead	25	8	3 U	25	3 U	3 U	3 U
Manganese	300	271	15	***1270***	***852***	5	5 U
Mercury	0.7	0.2	0.2 U	0.3	0.2 U	0.2 U	0.2 U
Nickel	100	15	9 U	86	30	6	9 U
Antimony	3	6 U	8 U	6 U	8 U	6 U	8 U
Beryllium	11	0.1 U	1 U	0.1 U	1 U	0.1 U	1 U
Cadmium	5	3 U	3 U	3 U	3 U	3 U	3 U
Selenium	10	5 U	10 U	5 U	10 U	5 U	10 U
Silver	50	5 U	3 U	5 U	3 U	5 U	3 U
Thallium	NA	5 U	10 U	5 U	10 U	5 U	10 U
Zinc	NA	33	6 U	17	6 U	6	7

Notes:

1. Results in bold type are above the NYS Class GA Groundwater Quality Standards.
2. All results in ug/l (ppb) unless noted.
3. NA = Not available.
4. U = Parameter not detected above method detection limit (value represents detection limit).

Table 2

Equity One - Former Avis Facility

Summary of Metals Detected in Groundwater

Analyte	NYS Class GA Groundwater Quality Standards (ug/l)	MW-14 (Total) 9/30/2009	MW-14 (Dissolved) 9/30/2009	MW-15 (Total) 9/29/2009	MW-15 (Dissolved) 9/29/2009	MW-16 (Total) 9/30/2009	MW-16 (Dissolved) 9/30/2009
Arsenic	25	4 U	10 U	4 U	10 U	4 U	10 U
Barium	1000	65	22	84	40	120	88
Chromium	50	11	5 U	13	5 U	5 U	5 U
Copper	200	8	6 U	7	6 U	5	6 U
Lead	25	3 U	3 U	5	3 U	3 U	3 U
Manganese	300	29	5 U	120	20	148	9
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	11	9 U	10	9 U	5	9 U
Antimony	3	6 U	8 U	6 U	8 U	6 U	8 U
Beryllium	11	0.1 U	1 U	0.1 U	1 U	0.1 U	1 U
Cadmium	5	3 U	3 U	3 U	3 U	3 U	3 U
Selenium	10	5 U	10 U	5 U	10 U	5 U	10 U
Silver	50	5 U	3 U	5 U	3 U	5 U	3 U
Thallium	NA	5 U	10 U	5 U	10 U	5 U	10 U
Zinc	NA	22	10	23	6 U	10	6

Notes:

1. Results in bold type are above the NYS Class GA Groundwater Quality Standards.
2. All results in ug/l (ppb) unless noted.
3. NA = Not available.
4. U = Parameter not detected above method detection limit (value represents detection limit).

Table 2

Equity One - Former Avis Facility

Summary of Metals Detected in Groundwater

Analyte	NYS Class GA Groundwater Quality Standards (ug/l)	MW-17 (Total) 9/30/2009	MW-17 (Dissolved) 9/30/2009	MW-18 (Total) 9/29/2009	MW-18 (Dissolved) 9/29/2009	MW-19 (Total) 9/29/2009	MW-19 (Dissolved) 9/29/2009
Arsenic	25	4 U	10 U	4 U	10 U	4 U	10 U
Barium	1000	68	56	123	87	102	56
Chromium	50	7	5 U	14	5 U	13	5 U
Copper	200	5 U	6 U	10	6 U	10	6 U
Lead	25	3 U	3 U	5	3 U	7	3 U
Manganese	300	67	15	146	21	***320***	14
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	5	9 U	13	9 U	11	9 U
Antimony	3	6 U	8 U	6 U	8 U	6 U	8 U
Beryllium	11	0.1 U	1 U	0.1 U	1 U	0.1 U	1 U
Cadmium	5	3 U	3 U	3 U	3 U	3 U	3 U
Selenium	10	5 U	10 U	5 U	10 U	5 U	10 U
Silver	50	5 U	3 U	5 U	3 U	5 U	3 U
Thallium	NA	5 U	10 U	5 U	10 U	5 U	10 U
Zinc	NA	9	7	15	6 U	21	6 U

Notes:

1. Results in bold type are above the NYS Class GA Groundwater Quality Standards.
2. All results in ug/l (ppb) unless noted.
3. NA = Not available.
4. U = Parameter not detected above method detection limit (value represents detection limit).

Table 3

Equity One - Former Avis Facility

Summary of SVOCs Dectected in Groundwater

Analyte	NYS Class GA Groundwater Quality Standards (ug/l)	MW-1 9/29/2009	MW-2 9/29/2009	MW-3 9/29/2009	MW-4 9/29/2009	MW-5 10/1/2009	MW-6 10/1/2009
Acenaphthene	NA	11 U	11 U	5.2 U	5.2 U	5.2 U	5.2 U
Acenaphthylene	NA	11 U	11 U	5.2 U	5.2 U	5.2 U	5.2 U
Anthracene	NA	11 U	11 U	5.2 U	5.2 U	5.2 U	5.2 U
Benzo[a]anthracene	NA	11 U	11 U	5.2 U	5.2 U	5.2 U	5.2 U
Benzo[a]pyrene	ND	11 U	11 U	5.2 U	5.2 U	5.2 U	5.2 U
Benzo[b]fluoranthene	NA	11 U	11 U	5.2 U	5.2 U	5.2 U	5.2 U
Benzo[g,h,i]perylene	NA	11 U	11 U	5.2 U	5.2 U	5.2 U	5.2 U
Benzo[k]fluoranthene	NA	11 U	11 U	5.2 U	5.2 U	5.2 U	5.2 U
Chrysene	NA	11 U	11 U	5.2 U	5.2 U	5.2 U	5.2 U
Dibenz[a,h]anthracene	NA	11 U	11 U	5.2 U	5.2 U	5.2 U	5.2 U
Fluoranthene	NA	11 U	11 U	5.2 U	5.2 U	5.2 U	5.2 U
Fluorene	NA	11 U	11 U	5.2 U	5.2 U	5.2 U	5.2 U
Indeno[1,2,3-cd]pyrene	NA	11 U	11 U	5.2 U	5.2 U	5.2 U	5.2 U
Naphthalene	NA	11 U	11 U	5.2 U	5.2 U	5.2 U	5.2 U
Phenanthrene	NA	11 U	11 U	5.2 U	5.2 U	5.2 U	5.2 U
Pyrene	NA	11 U	11 U	5.2 U	5.2 U	5.2 U	5.2 U

Notes:

1. Results in bold type are above the NYS Class GA Groundwater Quality Standards.
2. All results in ug/l (ppb) unless noted.
3. U = Parameter not detected above method detection limit (value represents detection limit).
4. NA = Not Available
5. ND = Not Detected

Table 3
Equity One - Former Avis Facility
Summary of SVOCs Dectected in Groundwater

Analyte	NYS Class GA Groundwater Quality Standards (ug/l)	MW-7 10/1/2009	MW-8 10/1/2009	MW-9 10/1/2009	MW-9A 10/1/2009	MW-10 10/1/2009	MW-11 10/1/2009
Acenaphthene	NA	5.2 U	5.2 U	5.2 U	5.2 U	5.6 U	5.9 U
Acenaphthylene	NA	5.2 U	5.2 U	5.2 U	5.2 U	5.6 U	5.9 U
Anthracene	NA	5.2 U	5.2 U	5.2 U	5.2 U	5.6 U	5.9 U
Benzo[a]anthracene	NA	5.2 U	5.2 U	5.2 U	5.2 U	5.6 U	5.9 U
Benzo[a]pyrene	ND	5.2 U	5.2 U	5.2 U	5.2 U	5.6 U	5.9 U
Benzo[b]fluoranthene	NA	5.2 U	5.2 U	5.2 U	5.2 U	5.6 U	5.9 U
Benzo[g,h,i]perylene	NA	5.2 U	5.2 U	5.2 U	5.2 U	5.6 U	5.9 U
Benzo[k]fluoranthene	NA	5.2 U	5.2 U	5.2 U	5.2 U	5.6 U	5.9 U
Chrysene	NA	5.2 U	5.2 U	5.2 U	5.2 U	5.6 U	5.9 U
Dibenz[a,h]anthracene	NA	5.2 U	5.2 U	5.2 U	5.2 U	5.6 U	5.9 U
Fluoranthene	NA	5.2 U	5.2 U	5.2 U	5.2 U	5.6 U	5.9 U
Fluorene	NA	5.2 U	5.2 U	5.2 U	5.2 U	5.6 U	5.9 U
Indeno[1,2,3-cd]pyrene	NA	5.2 U	5.2 U	5.2 U	5.2 U	5.6 U	5.9 U
Naphthalene	NA	5.2 U	5.2 U	5.2 U	5.2 U	5.6 U	5.9 U
Phenanthrene	NA	5.2 U	5.2 U	5.2 U	5.2 U	5.6 U	5.9 U
Pyrene	NA	5.2 U	5.2 U	5.2 U	5.2 U	5.6 U	5.9 U

Notes:

1. Results in bold type are above the NYS Class GA Groundwater Quality Standards.
2. All results in ug/l (ppb) unless noted.
3. U = Parameter not detected above method detection limit (value represents detection limit).
4. NA = Not Available
5. ND = Not Detected

Table 3

Equity One - Former Avis Facility

Summary of SVOCs Dectected in Groundwater

Analyte	NYS Class GA Groundwater Quality Standards (ug/l)	MW-12 10/1/2009	MW-12A 10/1/2009	MW-13 10/1/2009	MW-14 10/1/2009	MW-15 9/30/2009	MW-16 9/30/2009
Acenaphthene	NA	5.2 U	8 U	5.2 U	5.2 U	11 U	5.2 U
Acenaphthylene	NA	5.2 U	8 U	5.2 U	5.2 U	11 U	5.2 U
Anthracene	NA	5.2 U	8 U	5.2 U	5.2 U	11 U	5.2 U
Benzo[a]anthracene	NA	5.2 U	8 U	5.2 U	5.2 U	11 U	5.2 U
Benzo[a]pyrene	ND	5.2 U	8 U	5.2 U	5.2 U	11 U	5.2 U
Benzo[b]fluoranthene	NA	5.2 U	8 U	5.2 U	5.2 U	11 U	5.2 U
Benzo[g,h,i]perylene	NA	5.2 U	8 U	5.2 U	5.2 U	11 U	5.2 U
Benzo[k]fluoranthene	NA	5.2 U	8 U	5.2 U	5.2 U	11 U	5.2 U
Chrysene	NA	5.2 U	8 U	5.2 U	5.2 U	11 U	5.2 U
Dibenz[a,h]anthracene	NA	5.2 U	8 U	5.2 U	5.2 U	11 U	5.2 U
Fluoranthene	NA	5.2 U	8 U	5.2 U	5.2 U	11 U	5.2 U
Fluorene	NA	5.2 U	8 U	5.2 U	5.2 U	11 U	5.2 U
Indeno[1,2,3-cd]pyrene	NA	5.2 U	8 U	5.2 U	5.2 U	11 U	5.2 U
Naphthalene	NA	5.2 U	8 U	5.2 U	5.2 U	11 U	5.2 U
Phenanthrene	NA	5.2 U	8 U	5.2 U	5.2 U	11 U	5.2 U
Pyrene	NA	5.2 U	8 U	5.2 U	5.2 U	11 U	5.2 U

Notes:

1. Results in bold type are above the NYS Class GA Groundwater Quality Standards.
2. All results in ug/l (ppb) unless noted.
3. U = Parameter not detected above method detection limit (value represents detection limit).
4. NA = Not Available
5. ND = Not Detected

Table 3

Equity One - Former Avis Facility

Summary of SVOCs Dectected in Groundwater

Analyte	NYS Class GA Groundwater Quality Standards (ug/l)	MW-17 9/30/2009	MW-18 9/30/2009	MW-19 9/30/2009
Acenaphthene	NA	5.2 U	11 U	11 U
Acenaphthylene	NA	5.2 U	11 U	11 U
Anthracene	NA	5.2 U	11 U	11 U
Benzo[a]anthracene	NA	5.2 U	11 U	11 U
Benzo[a]pyrene	ND	5.2 U	11 U	11 U
Benzo[b]fluoranthene	NA	5.2 U	11 U	11 U
Benzo[g,h,i]perylene	NA	5.2 U	11 U	11 U
Benzo[k]fluoranthene	NA	5.2 U	11 U	11 U
Chrysene	NA	5.2 U	11 U	11 U
Dibenz[a,h]anthracene	NA	5.2 U	11 U	11 U
Fluoranthene	NA	5.2 U	11 U	11 U
Fluorene	NA	5.2 U	11 U	11 U
Indeno[1,2,3-cd]pyrene	NA	5.2 U	11 U	11 U
Naphthalene	NA	5.2 U	11 U	11 U
Phenanthrene	NA	5.2 U	11 U	11 U
Pyrene	NA	5.2 U	11 U	11 U

Notes:

1. Results in bold type are above the NYS Class GA Groundwater Quality Standards.
2. All results in ug/l (ppb) unless noted.
3. U = Parameter not detected above method detection limit (value represents detection limit).
4. NA = Not Available
5. ND = Not Detected

Table 4

Equity One - Former Avis Facility

Summary of PBCs and Cyanide in Groundwater

Analyte	NYS Class GA Groundwater Quality Standards (ug/l)	MW-1 9/29/2009	MW-2 9/29/2009	MW-3 9/29/2009	MW-4 9/29/2009	MW-5 10/1/2009	MW-6 10/1/2009
Aroclor 1016	*	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Aroclor 1221	*	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Aroclor 1232	*	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Aroclor 1242	*	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Aroclor 1248	*	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Aroclor 1254	*	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Aroclor 1260	*	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyanide	200	10 U	10 U	10 U	10 U	10 U	10 U

Notes:

1. Results in bold type are above the NYS Class GA Groundwater Quality Standards.
2. All results in ug/l (ppb) unless noted.
3. U = Parameter not detected above method detection limit (value represents detection limit).
4. * = The NYS Class GA Groundwater Quality Standard for Total PCBs is 0.09 ug/l.

Table 4

Equity One - Former Avis Facility

Summary of PBCs and Cyanide in Groundwater

Analyte	NYS Class GA Groundwater Quality Standards (ug/l)	MW-7 10/1/2009	MW-8 10/1/2009	MW-9 10/1/2009	MW-9A 10/1/2009	MW-10 10/1/2009	MW-11 10/1/2009	MW-12 10/1/2009
Aroclor 1016	*	0.5 U	0.5 U	0.5 U	0.54 U	0.52 U	0.57 U	0.52 U
Aroclor 1221	*	0.5 U	0.5 U	0.5 U	0.54 U	0.52 U	0.57 U	0.52 U
Aroclor 1232	*	0.5 U	0.5 U	0.5 U	0.54 U	0.52 U	0.57 U	0.52 U
Aroclor 1242	*	0.5 U	0.5 U	0.5 U	0.54 U	0.52 U	0.57 U	0.52 U
Aroclor 1248	*	0.5 U	0.5 U	0.5 U	0.54 U	0.52 U	0.57 U	0.52 U
Aroclor 1254	*	0.5 U	0.5 U	0.5 U	0.54 U	0.52 U	0.57 U	0.52 U
Aroclor 1260	*	0.5 U	0.5 U	0.5 U	0.54 U	0.52 U	0.57 U	0.52 U
Cyanide	200	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:

1. Results in bold type are above the NYS Class GA Groundwater Quality Standards.
2. All results in ug/l (ppb) unless noted.
3. U = Parameter not detected above method detection limit (value represents detection limit).
4. * = The NYS Class GA Groundwater Quality Standard for Total PCBs is 0.09 ug/l.

Table 4

Equity One - Former Avis Facility

Summary of PBCs and Cyanide in Groundwater

Analyte	NYS Class GA Groundwater Quality Standards (ug/l)	MW-12A 10/1/2009	MW-13 10/1/2009	MW-14 10/1/2009	MW-15 9/30/2009	MW-16 9/30/2009	MW-17 9/30/2009	MW-18 9/30/2009	MW-19 9/30/2009
Aroclor 1016	*	0.71 U	0.54 U	0.54 U	1 U	0.5 U	0.5 U	1 U	1 U
Aroclor 1221	*	0.71 U	0.54 U	0.54 U	1 U	0.5 U	0.5 U	1 U	1 U
Aroclor 1232	*	0.71 U	0.54 U	0.54 U	1 U	0.5 U	0.5 U	1 U	1 U
Aroclor 1242	*	0.71 U	0.54 U	0.54 U	1 U	0.5 U	0.5 U	1 U	1 U
Aroclor 1248	*	0.71 U	0.54 U	0.54 U	1 U	0.5 U	0.5 U	1 U	1 U
Aroclor 1254	*	0.71 U	0.54 U	0.54 U	1 U	0.5 U	0.5 U	1 U	1 U
Aroclor 1260	*	0.71 U	0.54 U	0.54 U	1 U	0.5 U	0.5 U	1 U	1 U
Cyanide	200	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:

1. Results in bold type are above the NYS Class GA Groundwater Quality Standards.
2. All results in ug/l (ppb) unless noted.
3. U = Parameter not detected above method detection limit (value represents detection limit).
4. * = The NYS Class GA Groundwater Quality Standard for Total PCBs is 0.09 ug/l.

Table 5
Equity One - Former Avis Facility
Summary of VOCs Detected in Soil

Analyte	Unrestricted Use Soil Cleanup Objective (ug/kg)	LP-1 (10'-11') 10/13/2009	LP-4 (10'-11') 10/13/2009	LP-9 (12'-13') 10/13/2009	LP-14 (12'-13') 10/13/2009	LP-15 (12'-13') 10/13/2009	LP-21 (12'-13') 10/13/2009	LP-22 (12'-13') 10/13/2009	LP-23 (12'-13') 10/13/2009	LP-24 (12'-13') 10/13/2009	LP-25 (10'-11') 10/13/2009
cis-1,2-Dichloroethene	250	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Tetrachloroethene	1300	10 U	10 U	10 U	10 U	10 U	75	10 U	10 U	10 U	10 U
Isopropylbenzene (Cumene)	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Trichloroethene	470	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	680	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
1,1,2-Trichlorotrifluoroethane (Freon 113)	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	270	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	330	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	NA	10 U	10 U	10 U	10 U	10 U	230	10 U	10 U	10 U	10 U
1,2-Dibromo-3-Chloropropane	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane (Ethylene Dibromide)	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	1100	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	20	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	190	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	2400	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	1800	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
2-Butanone	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
2-Hexanone	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Acetone	50	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Benzene	60	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Bromodichloromethane	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Bromoform	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Bromomethane	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Carbon Disulfide	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	760	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Chlorobenzene	1100	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Chloroethane	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Chloroform	370	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Chloromethane	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Dibromochloromethane	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Dichlorodifluoromethane	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Ethylbenzene	1000	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Methyl tert-butyl Ether (MTBE)	930	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Methylene Chloride	50	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Styrene	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Toluene	700	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Trichlorofluoromethane	NA	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Vinyl Chloride	20	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Xylenes (total)	260	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U
Total VOCs		**ND**	**ND**	**ND**	**ND**	**ND**	**305**	**ND**	**ND**	**ND**	**ND**

Notes:
1. All results in ug/kg (ppb) unless noted.
2. U = Parameter not detected above method detection limit (value represents detection limit).
3. ND = Not detected.
4. Results in bold type are above Unrestricted Use Soil Cleanup Objectives.
5. NA = Not available.

Table 5
Equity One - Former Avis Facility
Summary of VOCs Detected in Soil

Analyte	Unrestricted Use Soil Cleanup Objective (ug/kg)	LP-26 (10'-11') 10/13/2009	LP-27 (12'-13') 10/13/2009	LP-28 (11'-12') 10/13/2009	SS-1 (3'-4') 10/13/2009	SS-2 (1'-2') 10/13/2009	S-1 (1'-2') 10/14/2009	S-2 (1'-2') 10/14/2009	S-3 (1'-2') 10/13/2009	S-4 (1'-2') 10/13/2009	S-5 (1'-2') 10/13/2009	S-7 (2'-3') 10/14/2009
cis-1,2-Dichloroethene	250	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	1300	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11	38	10 U
Isopropylbenzene (Cumene)	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	470	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	680	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichlorotrifluoroethane (Freon 113)	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	270	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	330	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dibromo-3-Chloropropane	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane (Ethylene Dibromide)	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	1100	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	20	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	190	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	2400	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	1800	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	13
4-Methyl-2-Pentanone	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	60	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	760	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	1100	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	370	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloromethane	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dichlorodifluoromethane	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	1000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	39
Methyl tert-butyl Ether (MTBE)	930	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	700	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichlorofluoromethane	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	20	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylenes (total)	260	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	116
Total VOCs		**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**11**	**38**	**168**

Notes:
1. All results in ug/kg (ppb) unless noted.
2. U = Parameter not detected above method detection limit (value represents detection limit).
3. ND = Not detected.
4. Results in bold type are above Unrestricted Use Soil Cleanup Objectives.
5. NA = Not available.

Table 5
Equity One - Former Avis Facility
Summary of VOCs Detected in Soil

Analyte	Unrestricted Use Soil Cleanup Objective (ug/kg)	S-8 (1'-2') 10/14/2009	Trip Blank
cis-1,2-Dichloroethene	250	10 U	5 U
Tetrachloroethene	1300	10 U	5 U
Isopropylbenzene (Cumene)	NA	10 U	5 U
Trichloroethene	470	10 U	5 U
1,1,1-Trichloroethane	680	10 U	5 U
1,1,2,2-Tetrachloroethane	NA	10 U	5 U
1,1,2-Trichloroethane	NA	10 U	5 U
1,1,2-Trichlorotrifluoroethane (Freon 113)	NA	10 U	5 U
1,1-Dichloroethane	270	10 U	5 U
1,1-Dichloroethene	330	10 U	5 U
1,2,4-Trichlorobenzene	NA	10 U	5 U
1,2-Dibromo-3-Chloropropane	NA	10 U	5 U
1,2-Dibromoethane (Ethylene Dibromide)	NA	10 U	5 U
1,2-Dichlorobenzene	1100	10 U	5 U
1,2-Dichloroethane	20	10 U	5 U
trans-1,2-Dichloroethene	190	10 U	5 U
1,2-Dichloropropane	NA	10 U	5 U
1,3-Dichlorobenzene	2400	10 U	5 U
1,4-Dichlorobenzene	1800	10 U	5 U
2-Butanone	NA	10 U	5 U
2-Hexanone	NA	10 U	5 U
4-Methyl-2-Pentanone	NA	10 U	5 U
Acetone	50	10 U	5 U
Benzene	60	10 U	5 U
Bromodichloromethane	NA	10 U	5 U
Bromoform	NA	10 U	5 U
Bromomethane	NA	10 U	5 U
Carbon Disulfide	NA	10 U	5 U
Carbon Tetrachloride	760	10 U	5 U
Chlorobenzene	1100	10 U	5 U
Chloroethane	NA	10 U	5 U
Chloroform	370	10 U	5 U
Chloromethane	NA	10 U	5 U
cis-1,3-Dichloropropene	NA	10 U	5 U
Dibromochloromethane	NA	10 U	5 U
Dichlorodifluoromethane	NA	10 U	5 U
Ethylbenzene	1000	10 U	5 U
Methyl tert-butyl Ether (MTBE)	930	10 U	5 U
Methylene Chloride	50	10 U	5 U
Styrene	NA	10 U	5 U
Toluene	700	10 U	5 U
trans-1,3-Dichloropropene	NA	10 U	5 U
Trichlorofluoromethane	NA	10 U	5 U
Vinyl Chloride	20	10 U	5 U
Xylenes (total)	260	10 U	5 U
Total VOCs		**ND**	**ND**

Notes:
1. All results in ug/kg (ppb) unless noted.
2. U = Parameter not detected above method detection limit (value represents detection limit).
3. ND = Not detected.
4. Results in bold type are above Unrestricted Use Soil Cleanup Objectives.
5. NA = Not available.

Table 6
Equity One - Former Avis Facility
Summary of Metals Detected in Soil

Analyte	Unrestricted Use Soil Cleanup Objective (mg/kg)	LP-1 (10'-11') 10/13/2009	LP-4 (10'-11') 10/13/2009	LP-9 (12'-13') 10/13/2009	LP-14 (12'-13') 10/13/2009	LP-15 (12'-13') 10/13/2009	LP-21 (12'-13') 10/13/2009	LP-22 (12'-13') 10/13/2009	LP-23 (12'-13') 10/13/2009	LP-24 (12'-13') 10/13/2009
Arsenic	13	1.7	1.91	1 U	1 U	1.11	10 U	5.12	1.85	1.05
Barium	350	10.7	14.9	5.97	5.4	14.6	177	46.6	50.1	111
Chromium	30	8.02	7.01	3.13	3.7	5.27	***16400***	***394***	***48.2***	26.1
Copper	50	26.2	14.4	11.6	5.58	36.5	***2110***	***274***	***138***	10.9
Lead	63	9.31	6.5	2.75	2.29	7.87	***502***	29.5	33.9	5.87
Manganese	1600	37.7	48.6	5.57	10.3	22.2	44.7	28.9	165	13.2
Mercury	0.18	0.105 U	0.106 U	0.103 U	0.104 U	0.106 U	0.345 U	0.104 U	0.105 U	0.102 U
Nickel	30	6.74	7.17	2.55	2.98	3.55	***572***	18.9	8.29	3.69
Antimony	NA	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	193	4.67	0.8 U	0.8 U
Beryllium	7.2	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U	0.1 U	0.1 U	0.1 U
Cadmium	2.5	0.54	0.64	0.3 U	0.3 U	0.83	***8***	0.69	0.84	0.51
Selenium	3.9	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Silver	2	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	3 U	0.3 U	0.3 U	0.3 U
Thallium	NA	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U
Zinc	109	38	***153***	29.4	31.3	***207***	***3380***	***147***	83.7	57.8

Notes:
1. Results in bold type are above Unrestricted Use Soil Cleanup Objectives.
2. All results in mg/kg (ppm) unless noted.
3. NA = Not available.
4. U = Parameter not detected above method detection limit (value represents detection limit).

Table 6
Equity One - Former Avis Facility
Summary of Metals Detected in Soil

Analyte	Unrestricted Use Soil Cleanup Objective (mg/kg)	LP-25 (10'-11') 10/13/2009	LP-26 (10'-11') 10/13/2009	LP-27 (12'-13') 10/13/2009	LP-28 (11'-12') 10/13/2009	SS-1 (3'-4') 10/13/2009	SS-2 (1'-2') 10/13/2009	S-1 (1'-2') 10/14/2009	S-2 (1'-2') 10/14/2009	S-3 (1'-2') 10/13/2009	S-4 (1'-2') 10/13/2009
Arsenic	13	3.13	1.38	1.61	1 U	2.46	5.46	4.09	3.37	2.51	1.91
Barium	350	126	***426***	45.8	11.1	27.9	28.2	21.1	29.5	20.4	18.5
Chromium	30	21.2	***185***	6.05	***30.1***	10.6	19.9	15.3	19.5	15.4	13.4
Copper	50	39.4	34.6	16.8	42.4	10.9	18.5	12	11.6	22.4	***340***
Lead	63	12.4	28.7	24.1	10.3	15.6	***65.8***	12.1	4.79	3.82	13.5
Manganese	1600	118	27.7	43.3	6.57	62	154	162	313	140	104
Mercury	0.18	0.106 U	0.104 U	0.105 U	0.103 U	0.115 U	0.112 U	0.102 U	0.111 U	0.105 U	0.103 U
Nickel	30	11.1	12.1	4.78	2.46	7.17	11.2	12.2	15	15.3	20.5
Antimony	NA	0.8 U	2.3	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Beryllium	7.2	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Cadmium	2.5	1.58	1.16	0.76	0.59	0.63	1.45	1.06	0.99	0.99	0.73
Selenium	3.9	1 U	1	1 U	1 U	1 U	1.56	1 U	1 U	1 U	1 U
Silver	2	0.3 U	0.3 U	0.3 U	***136***	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Thallium	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Zinc	109	***259***	***137***	91.8	22.6	20.7	44.6	28.3	23.4	13.9	60.1

Notes:
1. Results in bold type are above Unrestricted Use Soil Cleanup Objectives.
2. All results in mg/kg (ppm) unless noted.
3. NA = Not available.
4. U = Parameter not detected above method detection limit (value represents detection limit).

Table 6
Equity One - Former Avis Facility
Summary of Metals Detected in Soil

Analyte	Unrestricted Use Soil Cleanup Objective (mg/kg)	S-5 (1'-2') 10/13/2009	S-7 (2'-3') 10/14/2009	S-8 (1'-2') 10/14/2009
Arsenic	13	3.42	1.15	2.25
Barium	350	48	9.73	25.7
Chromium	30	17.7	6.89	9.68
Copper	50	17.5	5.25	8.09
Lead	63	13.1	1.34	8.02
Manganese	1600	344	83.8	155
Mercury	0.18	0.106 U	0.101 U	0.113 U
Nickel	30	15.8	5.26	7.99
Antimony	NA	0.82	0.8 U	0.8 U
Beryllium	7.2	0.1 U	0.1 U	0.1 U
Cadmium	2.5	0.97	0.49	0.67
Selenium	3.9	1 U	1 U	1 U
Silver	2	0.3 U	0.3 U	0.3 U
Thallium	NA	1 U	1 U	1 U
Zinc	109	24.4	74.1	16.2

Notes:
1. Results in bold type are above Unrestricted Use Soil Cleanup Objectives.
2. All results in mg/kg (ppm) unless noted.
3. NA = Not available.
4. U = Parameter not detected above method detection limit (value represents detection limit).

Table 7
Equity One - Former Avis Facility
Summary of SVOCs Detected in Soil

Analyte	Unrestricted Use Soil Cleanup Objective (ug/kg)	LP-1 (10'-11') 10/13/2009	LP-4 (10'-11') 10/13/2009	LP-9 (12'-13') 10/13/2009	LP-14 (12'-13') 10/13/2009	LP-15 (12'-13') 10/13/2009	LP-21 (12'-13') 10/13/2009
Acenaphthene	20000	165 U	165 U	165 U	165 U	165 U	165 U
Acenaphthylene	100000	165 U	165 U	165 U	165 U	165 U	165 U
Anthracene	100000	165 U	165 U	165 U	165 U	165 U	165 U
Benzo[a]anthracene	1000	165 U	200	165 U	165 U	165 U	165 U
Benzo[a]pyrene	1000	165 U	230	165 U	165 U	165 U	165 U
Benzo[b]fluoranthene	1000	165 U	430	165 U	165 U	165 U	165 U
Benzo[g,h,i]perylene	100000	165 U	165 U	165 U	165 U	165 U	165 U
Benzo[k]fluoranthene	800	165 U	520	165 U	165 U	165 U	165 U
Chrysene	1000	165 U	240	165 U	165 U	165 U	165 U
Dibenz[a,h]anthracene	330	165 U	165 U	165 U	165 U	165 U	165 U
Fluoranthene	100000	250	380	165 U	165 U	165 U	165 U
Fluorene	30000	165 U	165 U	165 U	165 U	165 U	165 U
Indeno[1,2,3-cd]pyrene	500	165 U	165 U	165 U	165 U	165 U	165 U
Naphthalene	12000	165 U	165 U	165 U	165 U	165 U	165 U
Phenanthrene	100000	165 U	165 U	165 U	165 U	165 U	165 U
Pyrene	100000	210	290	165 U	165 U	165 U	165 U

Notes:
1. Results in bold type are above Unrestricted Use Soil Cleanup Objectives.
2. All results in ug/kg (ppb) unless noted.
3. U = Parameter not detected above method detection limit (value represents detection limit).
4. NA = Not Available

Table 7
Equity One - Former Avis Facility
Summary of SVOCs Detected in Soil

Analyte	Unrestricted Use Soil Cleanup Objective (ug/kg)	LP-22 (12'-13') 10/13/2009	LP-23 (12'-13') 10/13/2009	LP-24 (12'-13') 10/13/2009	LP-25 (10'-11') 10/13/2009	LP-26 (10'-11') 10/13/2009	LP-27 (12'-13') 10/13/2009	LP-28 (11'-12') 10/13/2009
Acenaphthene	20000	165 U	165 U	165 U	165 U	165 U	825 U	165 U
Acenaphthylene	100000	165 U	165 U	165 U	165 U	165 U	825 U	165 U
Anthracene	100000	165 U	165 U	165 U	165 U	165 U	825 U	165 U
Benzo[a]anthracene	1000	165 U	360	165 U	165 U	165 U	***3300***	165 U
Benzo[a]pyrene	1000	165 U	360	165 U	165 U	165 U	***2900***	165 U
Benzo[b]fluoranthene	1000	165 U	270	165 U	165 U	165 U	***3800***	165 U
Benzo[g,h,i]perylene	100000	165 U	165 U	165 U	165 U	165 U	825 U	165 U
Benzo[k]fluoranthene	800	165 U	320	165 U	165 U	165 U	***4500***	165 U
Chrysene	1000	165 U	350	165 U	165 U	165 U	***3400***	165 U
Dibenz[a,h]anthracene	330	165 U	165 U	165 U	165 U	165 U	825 U	165 U
Fluoranthene	100000	165 U	630	165 U	165 U	165 U	6300	165 U
Fluorene	30000	165 U	165 U	165 U	165 U	165 U	825 U	165 U
Indeno[1,2,3-cd]pyrene	500	165 U	165 U	165 U	165 U	165 U	825 U	165 U
Naphthalene	12000	165 U	165 U	165 U	165 U	165 U	825 U	165 U
Phenanthrene	100000	165 U	310	165 U	165 U	165 U	1800	165 U
Pyrene	100000	165 U	480	165 U	165 U	165 U	3800	165 U

Notes:
1. Results in bold type are above Unrestricted Use Soil Cleanup Objectives.
2. All results in ug/kg (ppb) unless noted.
3. U = Parameter not detected above method detection limit (value represents detection limit).
4. NA = Not Available

Table 7
Equity One - Former Avis Facility
Summary of SVOCs Detected in Soil

Analyte	Unrestricted Use Soil Cleanup Objective (ug/kg)	SS-1 (3'-4') 10/13/2009	SS-2 (1'-2') 10/13/2009	S-1 (1'-2') 10/14/2009	S-2 (1'-2') 10/14/2009	S-3 (1'-2') 10/13/2009	S-4 (1'-2') 10/13/2009
Acenaphthene	20000	165 U	825 U	165 U	165 U	165 U	165 U
Acenaphthylene	100000	165 U	825 U	165 U	165 U	165 U	165 U
Anthracene	100000	165 U	825 U	165 U	165 U	165 U	165 U
Benzo[a]anthracene	1000	165 U	***1100***	165 U	165 U	165 U	165 U
Benzo[a]pyrene	1000	165 U	825 U	165 U	165 U	165 U	165 U
Benzo[b]fluoranthene	1000	165 U	***1200***	165 U	165 U	165 U	165 U
Benzo[g,h,i]perylene	100000	165 U	825 U	165 U	165 U	165 U	165 U
Benzo[k]fluoranthene	800	165 U	***1400***	165 U	165 U	165 U	165 U
Chrysene	1000	165 U	***1600***	165 U	165 U	165 U	165 U
Dibenz[a,h]anthracene	330	165 U	825 U	165 U	165 U	165 U	165 U
Fluoranthene	100000	165 U	2900	165 U	165 U	165 U	165 U
Fluorene	30000	165 U	825 U	165 U	165 U	165 U	165 U
Indeno[1,2,3-cd]pyrene	500	165 U	825 U	165 U	165 U	165 U	165 U
Naphthalene	12000	165 U	825 U	165 U	165 U	165 U	165 U
Phenanthrene	100000	165 U	1200	165 U	165 U	165 U	165 U
Pyrene	100000	165 U	2100	165 U	165 U	165 U	165 U

Notes:
1. Results in bold type are above Unrestricted Use Soil Cleanup Objectives.
2. All results in ug/kg (ppb) unless noted.
3. U = Parameter not detected above method detection limit (value represents detection limit).
4. NA = Not Available

Table 7
Equity One - Former Avis Facility
Summary of SVOCs Detected in Soil

Analyte	Unrestricted Use Soil Cleanup Objective (ug/kg)	S-5 (1'-2') 10/13/2009	S-7 (2'-3') 10/14/2009	S-8 (1'-2') 10/14/2009
Acenaphthene	20000	165 U	1650 U	165 U
Acenaphthylene	100000	165 U	1650 U	165 U
Anthracene	100000	165 U	1650 U	165 U
Benzo[a]anthracene	1000	220	1650 U	165 U
Benzo[a]pyrene	1000	190	1650 U	165 U
Benzo[b]fluoranthene	1000	330	1650 U	165 U
Benzo[g,h,i]perylene	100000	165 U	1650 U	165 U
Benzo[k]fluoranthene	800	190	1650 U	165 U
Chrysene	1000	280	1650 U	165 U
Dibenz[a,h]anthracene	330	165 U	1650 U	165 U
Fluoranthene	100000	480	1650 U	165 U
Fluorene	30000	165 U	1650 U	165 U
Indeno[1,2,3-cd]pyrene	500	165 U	1650 U	165 U
Naphthalene	12000	165 U	1650 U	165 U
Phenanthrene	100000	410	1650 U	165 U
Pyrene	100000	420	1650 U	165 U

Notes:
1. Results in bold type are above Unrestricted Use Soil Cleanup Objectives.
2. All results in ug/kg (ppb) unless noted.
3. U = Parameter not detected above method detection limit (value represents detection limit).
4. NA = Not Available

Table 8
Equity One - Former Avis Facility
Summary of PCBs Detected in Soil

Analyte	Unrestricted Use Soil Cleanup Objective (mg/kg)	LP-1 (10'-11') 10/13/2009	LP-4 (10'-11') 10/13/2009	LP-9 (12'-13') 10/13/2009	LP-14 (12'-13') 10/13/2009	LP-15 (12'-13') 10/13/2009	LP-21 (12'-13') 10/13/2009	LP-22 (12'-13') 10/13/2009
Aroclor 1016	*	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.17 U
Aroclor 1221	*	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.17 U
Aroclor 1232	*	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.17 U
Aroclor 1242	*	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.17 U
Aroclor 1248	*	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.17 U
Aroclor 1254	*	0.017 U	***0.26***	0.04	***0.13***	***0.25***	***0.14***	***3.02***
Aroclor 1260	*	0.03	0.07	0.017 U	0.04	***0.12***	***0.18***	***1.34***
Total PCBs	**0.1**	0.03	***0.33***	0.04	***0.17***	***0.37***	***0.32***	***4.36***

Notes:
1. Results in bold type are above Unrestricted Use Soil Cleanup Objectives.
2. All results in mg/kg (ppm) unless noted.
3. U = Parameter not detected above method detection limit (value represents detection limit).
4. * = The
5. ND = Not Detected.

Table 8
Equity One - Former Avis Facility
Summary of PCBs Detected in Soil

Analyte	Unrestricted Use Soil Cleanup Objective (mg/kg)	LP-23 (12'-13') 10/13/2009	LP-24 (12'-13') 10/13/2009	LP-25 (10'-11') 10/13/2009	LP-26 (10'-11') 10/13/2009	LP-27 (12'-13') 10/13/2009	LP-28 (11'-12') 10/13/2009	SS-1 (3'-4') 10/13/2009	SS-2 (1'-2') 10/13/2009
Aroclor 1016	*	0.017 U	0.17 U	0.017 U	0.17 U	0.017 U	0.017 U	0.017 U	0.017 U
Aroclor 1221	*	0.017 U	0.17 U	0.017 U	0.17 U	0.017 U	0.017 U	0.017 U	0.017 U
Aroclor 1232	*	0.017 U	0.17 U	0.017 U	0.17 U	0.017 U	0.017 U	0.017 U	0.017 U
Aroclor 1242	*	0.017 U	0.17 U	0.017 U	0.17 U	0.017 U	0.017 U	0.017 U	0.017 U
Aroclor 1248	*	0.017 U	0.17 U	0.017 U	0.17 U	0.017 U	0.017 U	0.017 U	0.017 U
Aroclor 1254	*	***0.89***	***1.63***	***1.04***	***2.85***	0.07	0.03	0.017 U	0.017 U
Aroclor 1260	*	***1.07***	***2.44***	***0.53***	***3.37***	***0.16***	0.02	0.07	0.06
Total PCBs	**0.1**	***1.96***	***4.07***	***1.57***	***6.22***	***0.23***	0.05	0.07	0.06

Notes:
1. Results in bold type are above Unrestricted Use Soil Cleanup Objectives.
2. All results in mg/kg (ppm) unless noted.
3. U = Parameter not detected above method detection limit (value represents detection limit).
4. * = The
5. ND = Not Detected.

Table 8
Equity One - Former Avis Facility
Summary of PCBs Detected in Soil

Analyte	Unrestricted Use Soil Cleanup Objective (mg/kg)	S-1 (1'-2') 10/14/2009	S-2 (1'-2') 10/14/2009	S-3 (1'-2') 10/13/2009	S-4 (1'-2') 10/13/2009	S-5 (1'-2') 10/13/2009	S-7 (2'-3') 10/14/2009	S-8 (1'-2') 10/14/2009
Aroclor 1016	*	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U
Aroclor 1221	*	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U
Aroclor 1232	*	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U
Aroclor 1242	*	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U
Aroclor 1248	*	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U
Aroclor 1254	*	0.023	0.034	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U
Aroclor 1260	*	0.022	0.017 U	0.017 U	0.019	0.019	0.017 U	0.017 U
Total PCBs	**0.1**	0.045	0.034	ND	0.019	0.019	ND	ND

Notes:
1. Results in bold type are above Unrestricted Use Soil Cleanup Objectives.
2. All results in mg/kg (ppm) unless noted.
3. U = Parameter not detected above method detection limit (value represents detection limit).
4. * = The
5. ND = Not Detected.

Table 9
WATER LEVEL MEASUREMENTS AND SURVEY DATA
FORMER AVIS FACILITY
900 Old Country Road
Garden City, New York
October 23, 2009

Well No.	Top of Casing Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)
MW-1	98.96	21.12	77.84
MW-2	99.89	21.93	77.96
MW-3	101.94	23.60	78.34
MW-4	102.11	23.68	78.43
MW-5	102.31	23.71	78.60
MW-6	101.06	22.91	78.15
MW-7	99.08	20.72	78.36
MW-8	99.88	22.12	77.76
MW-9	99.81	22.29	77.52
MW-9A	99.51	22.00	77.51
MW-10	99.53	22.10	77.43
MW-11	99.47	22.33	77.14
MW-12	99.67	22.49	77.18
MW-12A	99.62	22.44	77.18
MW-13	99.39	22.36	77.03
MW-14	99.13	21.93	77.20
MW-15	99.13	21.37	77.76
MW-16	100.12	22.60	77.52
MW-17	100.27	22.81	77.46
MW-18	98.87	21.47	77.40
MW-19	98.80	21.43	77.37

1) Elevations were taken from an assumed common datum of 100'.
2) Groundwater data and elevation data was collected on 10/23/09.

Table 10
Equity One - Former Avis Facility
Leaching Pool Sampling Log

Sample ID	Location	Type	Date	PID (ppm)*	Depth to Top of Bottom Sediments	Sampling Depth Interval	Odor or Visual Staining	Notes/Comments
LP-1	West parking lot outside of South Building	Soil	10/13/2009	0.0	8'	10'-11'	N	Leaching Pool's manhole cover encountered 1 foot below land surface.
LP-4	West parking lot outside of South Building	Soil	10/13/2009	0.0	8'	10'-11'	N	Leaching Pool's manhole cover encountered 1 foot below land surface.
LP-9	South parking lot outside of South Building	Soil	10/13/2009	0.0	10'	12'-13'	N	Leaching Pool's manhole cover encountered 1 foot below land surface.
LP-14	South parking lot outside of South Building	Soil	10/13/2009	0.0	10'	12'-13'	N	Leaching Pool's manhole cover encountered 1 foot below land surface.
LP-15	South parking lot outside of South Building	Soil	10/13/2009	0.0	10'	12'-13'	N	Leaching Pool's Manhole cover encountered 1 foot below land surface.
LP-21	West of Storage Building	Soil	10/13/2009	0.0	10'	12'-13'	Y	Leaching Pool's Manhole cover encountered 1 foot below land surface. Sample consisted of very wet mixture of silty soils with blue and orange staining.
LP-22	West of Storage Building	Soil	10/13/2009	0.0	10'	12'-13'	N	Leaching Pool's manhole cover encountered 1 foot below land surface.
LP-23	In between Storage Building and the Manufacturing	Soil	10/13/2009	2.9	10'	12'-13'	N	Leaching Pool's manhole cover encountered 1 foot below land surface.
LP-24	In between Storage Building and the Manufacturing	Soil	10/13/2009	0.0	10'	12'-13'	N	Leaching Pool's manhole cover encountered 1 foot below land surface.
LP-25	In between Storage Building and the Manufacturing	Soil	10/13/2009	0.0	8'	10'-11'	N	Leaching Pool's manhole cover encountered 1 foot below land surface.
LP-26	In between Storage Building and the Manufacturing	Soil	10/13/2009	0.0	8'	10'-11'	N	Leaching Pool's manhole cover encountered 1 foot below land surface.
LP-27	In between Storage Building and the Manufacturing	Soil	10/13/2009	0.0	10'	12'-13'	N	Leaching Pool's manhole cover encountered 1 foot below land surface.
LP-28	East of North Building	Soil	10/13/2009	0.0	9'	11'-12'	N	Leaching Pool's manhole cover encountered 3-4 feet below land surface.
SS-1	West parking lot outside of South Building	Soil	10/13/2009	0.0	NA	3'-4'	N	Sample consists of medium brown sandy soil with no odors detected.
SS-2	West parking lot outside of South Building	Soil	10/13/2009	0.0	NA	1'-2'	Y	Sample consists of dark gray stained sandy soil with strong petroleum odor.

Note: * = total VOC parts per million (ppm) equivalence units in reference to calibration gas.

Table - 11
Equity One - Former Avis Facility
Interior Soil Sampling Log

Sample ID	Type	Date	PID (ppm)	Thickness of Concrete Slab (inches)	Depth of Sample (feet below bottom of concrete slab)	Odor	Notes/Comments
S-1	Soil	10/14/2009	0.0	6-8	1-2	N	
S-2	Soil	10/14/2009	0.0	6-8	1-2	N	
S-3	Soil	10/13/2009	0.0	6-8	1-2	N	
S-4	Soil	10/13/2009	0.0	6-8	1-2	N	
S-5	Soil	10/13/2009	0.0	6-8	1-2	N	
S-7	Soil	10/14/2009	0.0	6	2-3	N	Sample consisted of medium brown sand, saturated with lubricant and/or oil. Sample taken beneath a room flooded with hydraulic oils and lubricants.
S-8	Soil	10/14/2009	0.0	12	1-2	N	

Note: * = total VOC parts per million (ppm) equivalence units in reference to calibration gas.


Apex
Companies, LLC


Apex
Companies, LLC

APPENDIX A

SOIL MECHANICS' JULY-AUGUST 2009 SITE ASSESSMENT DATA PACKAGE

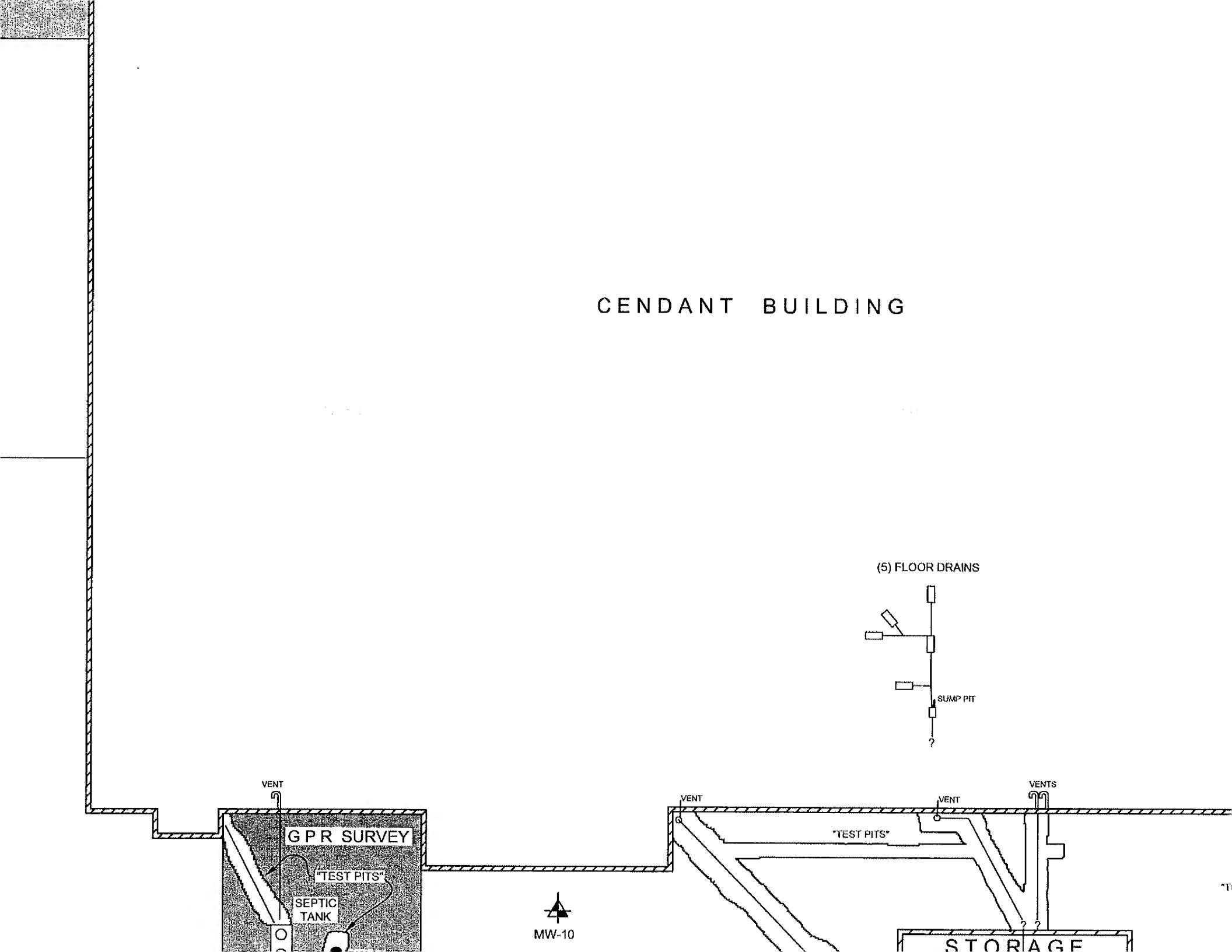
CENDANT BUILDING
(5) FLOOR DRAINS
SUMP PIT
VENT
GPR SURVEY
"TEST PITS"
SEPTIC TANK
MW-10
VENT
VENT
VENTS
"TEST PITS"
STORAGE

Table #1 - Sampling Summary

Sample ID	Area of Concern (sample matrix)	PID Readings (ppm)	Sample Depth (ft. bgs)	Ref. Table	Laboratory Parameters
B-1	General Site Assessment (soil)	0.0-0.0	20-22	#9, 10, 11	VOC (8260), SVOC (8270), TAL metals
B-2	General Site Assessment (soil)	0.0-0.0	20-22	#9, 10, 11	VOC (8260), SVOC (8270), TAL metals
B-3	General Site Assessment (soil)	0.0-0.0	20-22	#9, 10, 11	VOC (8260), SVOC (8270), TAL metals
B-4	Assessment of soils in area of former 4,000 gallon capacity diesel fuel UST (soil)	0.0-0.0	16-18	#9, 10	VOC (8260), SVOC (8270)
B-5	Assessment of soils in area of former 4,000 gallon capacity diesel fuel UST (soil)	0.0-45.5	10-12	#9, 10	VOC (8260), SVOC (8270)
B-6	Assessment of soils in area of former 20,000 gallon capacity fuel oil UST (soil)	0.0-0.0	16-18	#9, 10	VOC (8260), SVOC (8270)
B-7	Assessment of soils in area of former 20,000 gallon capacity fuel oil UST (soil)	0.0-0.0	16-18	#9, 10	VOC (8260), SVOC (8270)
B-8	Assessment of soils in area of former 3,000 gallon capacity fuel oil UST (soil)	0.0-0.0	18-20	#9, 10	VOC (8260), SVOC (8270)
B-9	Assessment of soils in area of former 3,000 gallon capacity fuel oil UST (soil)	0.0-0.0	18-20	#9, 10	VOC (8260), SVOC (8270)
B-10	Assessment of soils in area of former 3,000 gallon capacity fuel oil UST (soil)	0.0-0.0	18-20	#9, 10	VOC (8260), SVOC (8270)
B-11	Assessment of soils in suspect UST and former flammable liquid storage area (soil)	0.0-0.0	18-20	#9, 10	VOC (8260), SVOC (8270)
B-12	Assessment of soils in suspect UST and former flammable liquid storage area (soil)	1.0-7.7	0-2	#9, 10	VOC (8260), SVOC (8270)
B-13	Assessment of soils in suspect UST and former flammable liquid storage area (soil)	0.0-0.0	18-20	#9, 10	VOC (8260), SVOC (8270)
B-14	General Site Assessment (soil)	0.0-7.6	2-4	#9, 10, 11	VOC (8260), SVOC (8270), TAL metals
B-15	General Site Assessment (soil)	*	±3-4	#9, 10, 11	VOC (8260), SVOC (8270), TAL metals
AQ-1	Assessment of water in holding tank – storage building (aqueous)	-	-	#2, 3, 4	VOC (8260), SVOC (8270), TAL metals
MW-1 to MW-19	Assessment of groundwater (aqueous)	-	±22-32	#2, 3, 4	VOC (8260), SVOC (8270), TAL metals
MW-9A, MW-12A	Assessment of groundwater (aqueous)	-	±44-51 ±42-50	#2	VOC (8260)
GS-1	Assessment of soil formations at sump pit outfall pipe (soil)	-	5-6	#5, 6, 7, 8	VOC (8260), SVOC (8270), TPHC (418.1), TAL metals
DW-1	Assessment Storm Water Class V Injection Well (soil/sludge)	-	7-8	#5, 6, 7, 8	VOC (8260), SVOC (8270), TPHC (418.1), TAL metals
DW-2	Assessment Storm Water Class V Injection Well (soil/sludge)	-	8-9	#5, 6, 7, 8	VOC (8260), SVOC (8270), TPHC (418.1), TAL metals
DW-14	Assessment Storm Water Class V Injection Well (soil/sludge)	-	12-13	#5, 6, 7, 8	VOC (8260), SVOC (8270), TPHC (418.1), TAL metals
DW-16	Assessment Storm Water Class V Injection Well (soil/sludge)	-	11-12	#5, 6, 7, 8	VOC (8260), SVOC (8270), TPHC (418.1), TAL metals
DW-19	Assessment Storm Water Class V Injection Well (soil/sludge)	-	10-11	#5, 6, 7, 8	VOC (8260), SVOC (8270), TPHC (418.1), TAL metals
DW-20	Assessment Storm Water Class V Injection Well (soil/sludge)	-	17- 18	#5, 6, 7, 8	VOC (8260), SVOC (8270), TPHC (418.1), TAL metals
DW-21	Assessment Storm Water Class V Injection Well (soil/sludge)	-	12-13	#5, 6, 7, 8	VOC (8260), SVOC (8270), TPHC (418.1), TAL metals
DW-22	Assessment Storm Water Class V Injection Well (soil/sludge)	-	8–9	#5, 6, 7, 8	VOC (8260), SVOC (8270), TPHC (418.1), TAL metals
DW-23	Assessment Sanitary Class V Injection Well (soil/sludge)	-	7-8	#5, 6, 7, 8	VOC (8260), SVOC (8270), TPHC (418.1), TAL metals
DW-24	Assessment Sanitary Class V Injection Well (soil/sludge)	-	9-10	#5, 6, 7, 8	VOC (8260), SVOC (8270), TPHC (418.1), TAL metals
DW-25	Assessment Sanitary Class V Injection Well (soil/sludge)	-	9-10	#5, 6, 7, 8	VOC (8260), SVOC (8270), TPHC (418.1), TAL metals
DW-26	Assessment Sanitary Class V Injection Well (soil/sludge)	-	12-13	#5, 6, 7, 8	VOC (8260), SVOC (8270), TPHC (418.1), TAL metals
SVW-1 to 4	Assessment of soil-vapor	-	2	#12	VOCs (TO-15)

* sample exhibited olfactory evidence of hydrocarbon-like contamination; not screed with PID

bgs below ground surface

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

Parameter	AQ-1	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-9A	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	Standard/ Criteria
DICHLORODIFLUOROMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHLOROMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VINYL CHLORIDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BROMOMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRICHLOROFLUOROMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-DICHLOROETHENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
METHYLENE CHLORIDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.5	-	5.0
trans-1 ,2-DICHLOROETHENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-DICHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-DICHLOROPROPANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1 ,2-DICHLOROETHENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BROMOCHLOROMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHLOROFORM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-TRICHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARBON TETRACHLORIDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-DICHLOROPROPENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-DICHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRICHLOROETHENE	-	-	-	-	-	-	-	-	-	-	-	-	12.9	13.7	-	-	-	-	-	-	-	-	5.0
1,2-DICHLOROPROPANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIBROMOMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BROMODICHLOROMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-DICHLOROPROPENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOLUENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1, 3-DICHLOROPROPENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-TRICHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TETRACHLOROETHYLENE	-	-	-	-	-	-	-	-	-	26.4	-	-	-	-	-	-	-	-	-	27.5	-	-	5.0
1,3-DICHLOROPROPANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIBROMOCHLOROMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-DIBROMOETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1,2-TETRACHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ETHYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

Parameter	AQ-1	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-9A	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	Standard/ Criteria
STYRENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BROMOFORM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ISOPROPYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BROMOBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-TETRACHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-TRICHLOROPROPANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-PROPYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-CHLOROTOLUENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-CHLOROTOLUENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-TRIMETHYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-BUTYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-TRIMETHYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-BUTYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-DICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P-ISOPROPYLTOLUENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-DICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-DICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-BUTYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-DIBROMO-S-CHLOROPROPANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-TRICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEXACHLOROBUTADIENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NAPHTHALENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-TRICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-CHLOROETHYLVINYL ETHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ACETONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
METHYL ETHYL KETONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
METHYL ISOBUTYL KETONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p & m-XYLENES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-XYLENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARBON DISULFIDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MTBE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VINYL ACETATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-HEXANONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

All results reported in ug/L
Standard/Criteria from NYSDEC 6NYCRR part 700-7005
- not applicable or targeted parameter not detected in excess of laboratory minimum detection limit

Table #3
Semi-Volatile Organic Compounds (ug/L)
EPA Method 8270

Parameter	AQ-1	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	Standard/ Criteria
BIS(2-CHLOROETHYL)ETHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-CHLOROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-DICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-DICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-DICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIS(2-CHLOROISOPROPYL)ETHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-METHYLPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEXACHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-NITROSODI-N-PROPYL AMINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-METHYLPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NITROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ISOPHORONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-NITROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-DIMETHYLPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIS(2-CHLOROETHOXY)METHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-DICHLOROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-TRICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NAPHTHALENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-CHLOROANILINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEXACHLOROBUTADIENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-CHLORO-3-METHYLPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-METHYLNAPHTHALENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEXACHLOROCYCLOPENTADIENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-TRICHLOROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-TRICHLOROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-CHLORONAPHTHALENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-NITROANILINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ACENAPHTHYLENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIMETHYLPHTHALATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-DINITROTOLUENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ACENAPHTHENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-NITROANILINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-DINITROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table #3 (Continued)
Semi-Volatile Organic Compounds (ug/L)
EPA Method 8270

Parameter	AQ-1	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	Standard/ Criteria
DIBENZOFURAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2,4-DINTROTOLUENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4-NITROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FLUORENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4-CHLOROPHENYL PHENYL ETHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DIETHYLPHTHALATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4-NITROANILINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4,6-DINITRO-2-METHYLPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
N-NITROSODIPHENYLAMINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4-BROMOPHENYL-PHENYL ETHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HEXACHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PENTACHLORPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PHENANTHRENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ANTHRACENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DI-N-BUTYLPHTHALATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FLUORANTHENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PYRENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BUTYLBENZYLPHTHALATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3,3-DICHLOROBENZIDINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BENZO-A-ANTHRACENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CHRYSENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BIS(2-ETHYLEXYL)PHTALATE	20.0	-	-	-	-	**30.0**	**30.0**	**20.0**	**20.0**	**20.0**	**20.0**	**30.0**	**20.0**	**30.0**	**30.0**	**30.0**	**30.0**	**30.0**	**50.0**	**20.0**	5.0
DI-N-OCTYLPHTHALATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BENZO-B-FLUOROANTHENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BENZO-K-FLUOROANTHENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BENZO-A-PYRENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INDENO(1,2,3-C,D)PYRENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DIBENZO-A,H-ANTHRACENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BENZO-G,H,I-PERYLENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

All results reported in ug/L
Standard/Criteria from NYSDEC 6NYCRR part 700-7005
- not applicable or targeted parameter not detected in excess of laboratory minimum detection limit

Table #4
TAL Metals (mg/L)

Parameter	AQ-1	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	Standard/ Criteria
Aluminum as Al		4.5	2.57	1.88	2.22	139.0	104.0	269.0	45.3	16.1	169.0	36.7	12.8	37.0	1.96	0.12	5.02	1.91	0.36	14.6	-
Antimony as Sb		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003
Arsenic as As		-	-	-	-	-	**0.08**	**0.053**	-	-	-	-	-	-	-	-	-	-	-	-	0.025
Barium as Ba		-	-	-	-	-	-	**1.02**	-	-	-	-	-	-	-	-	-	-	-	-	1.0
Beryllium as Be		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003
Cadmium as Cd		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.005
Calcium as Ca	1.27	28.0	21.8	63.3	6.55	76.2	55.5	34.0	11.1	19.8	32.3	19.7	11.5	12.1	8.49	20.2	18.2	37.0	36.6	19.1	-
Chromium as Cr		-	-	**0.3**	-	**0.093**	**0.099**	**0.15**	-	-	**0.13**	-	-	-	-	-	-	-	-	-	0.05
Cobalt as Co		-	-	-	-	-	-	0.079	-	-	0.059	-	-	-	-	-	-	-	-	-	-
Copper as Cu		-	-	-	-	0.099	0.12	0.16	-	-	0.13	-	-	-	-	-	-	-	-	-	0.2
Iron as Fe	0.218	**5.8**	**1.67**	**1.51**	**1.67**	**104.0**	**218.0**	**213.0**	**39.6**	**7.85**	**124.0**	**17.2**	**6.13**	**26.0**	**1.55**	**0.87**	**3.36**	**1.33**	**0.56**	**7.57**	0.3
Lead as Pb		-	-	-	-	**0.08**	**0.1**	**0.14**	-	-	**0.085**	-	-	-	-	-	-	-	-	-	0.025
Magnesium as Mg	0.344	3.8	2.45	7.74	1.16	17.9	13.5	16.8	4.15	6.52	11.9	6.42	2.9	5.36	1.8	3.07	3.65	6.86	3.51	2.79	35.0
Manganese as Mn		0.1	0.098	0.091	**0.2**	**2.83**	**0.59**	**2.95**	**1.41**	0.42	**5.07**	0.23	0.11	0.17	-	-	0.24	0.12	0.08	0.37	0.5
Mercury as Hg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0007
Nickel as Ni		-	-	-	-	**0.11**	0.076	**0.14**	-	-	0.091	-	-	-	-	-	-	-	-	-	0.1
Potassium as K	0.703	3.64	6.57	3.54	0.87	7.91	10.7	10.3	3.18	3.72	9.38	2.88	1.78	2.43	0.77	2.97	3.42	4.37	6.1	2.84	-
Selenium as Se		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
Silver as Ag		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05
Sodium as Na	1.16	95.9	50.1	48.9	3.99	43.8	241.0	5.36	10.2	16.6	38.4	29.2	33.3	14.9	42.7	79.2	19.7	7.95	68.2	74.3	-
Thallium as Ti		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0005
Vanadium as V		-	-	-	-	0.12	0.15	0.26	-	-	0.15	-	-	0.052	-	-	-	-	-	-	-
Zinc as Zn	0.277	0.54	0.12	0.047	0.033	0.26	0.27	0.39	0.15	0.029	0.29	0.068	0.049	0.13	0.08	-	-	-	-	-	2.0

All results reported in mg/L
Standard/Criteria from NYSDEC 6NYCRR part 700-7005
- not applicable or targeted parameter not detected in excess of laboratory minimum detection limit

Table #5
Volatile Organic Compounds (mg/kg)
EPA Method 8260

Parameter	GS-1	DW-1	DW-2	DW-14	DW-16	DW-19	DW-20	DW-21	DW-22	DW-23	DW-24	DW-25	DW-26	RSCO
DICHLORODIFLUOROMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHLOROMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VINYL CHLORIDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BROMOMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRICHLOROFLUOROMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-DICHLOROETHENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
METHYLENE CHLORIDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1 ,2-DICHLOROETHENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-DICHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-DICHLOROPROPANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1 ,2-DICHLOROETHENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BROMOCHLOROMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHLOROFORM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-TRICHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARBON TETRACHLORIDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-DICHLOROPROPENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-DICHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRICHLOROETHENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-DICHLOROPROPANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIBROMOMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BROMODICHLOROMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1.3-DICHLOROPROPENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOLUENE	-	-	-	-	-	-	-	7.72	-	-	-	-	-	1500.0
trans-1. 3-DICHLOROPROPENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1.2-TRICHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TETRACHLOROETHYLENE	-	-	-	-	-	-	-	-	-	-	-	-	23.8	1400.0
1,3-DICHLOROPROPANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIBROMOCHLOROMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-DIBROMOETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1,1,2-TETRACHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ETHYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table #5 (Continued)
Volatile Organic Compounds (mg/kg)
EPA Method 8260

Parameter	GS-1	DW-1	DW-2	DW-14	DW-16	DW-19	DW-20	DW-21	DW-22	DW-23	DW-24	DW-25	DW-26	RSCO
STYRENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BROMOFORM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ISOPROPYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BROMOBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-TETRACHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-TRICHLOROPROPANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-PROPYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-CHLOROTOLUENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-CHLOROTOLUENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-TRIMETHYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-BUTYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-TRIMETHYLBENZENE	-	-	-	-	-	-	-	-	10.8	-	-	-	-	10000.0
sec-BUTYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-DICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P-ISOPROPYLTOLUENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-DICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-DICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-BUTYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-DIBROMO-S-CHLOROPROPANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-TRICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEXACHLOROBUTADIENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NAPHTHALENE	-	-	14.9	-	-	-	-	-	101.0	-	-	-	-	13000.0
1,2,3-TRICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-CHLOROETHYLVINYL ETHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ACETONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
METHYL ETHYL KETONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
METHYL ISOBUTYL KETONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p & m-XYLENES	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-XYLENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARBON DISULFIDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MTBE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VINYL ACETATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-HEXANONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-

All results reported in ug/kg
RSCO recommend soil cleanup objective from NYSDEC TAGM 4046
- not applicable or targeted parameter not detected in excess of laboratory minimum detection limit

Table #6
Semi-Volatile Organic Compounds (mg/kg)
EPA Method 8270

Parameter	GS-1	DW-1*	DW-2*	DW-I4*	DW-I6	DW-I9*	DW-20*	DW-21*	DW-22*	DW-23	DW-24	DW-25	DW-26*	RSCO
1,2,4-TRICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	999.0	3400.0
1,2-DICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-DICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-DICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	261.0	8500.0
2,4,5-TRICHLOROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-TRICHLOROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-DICHLOROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-DIMETHYLPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-DINITROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-DINITROTOLUENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-CHLORONAPHTHALENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-CHLOROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-METHYLNAPHTHALENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-METHYLPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-NITROANILINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-NITROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-NITROANILINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-CHLORO-3-METHYLPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-CHLOROANILINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-METHYLPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ACENAPHTHENE	-	1382.0	23004.0	1327.0	-	3444.0	-	-	3831.0	-	-	-	-	50000.0
ACENAPHTHYLENE	-	-	-	-	-	-	-	-	-	-	58.0	-	-	41000.0
BIS(2-CHLOROETHOXY)METHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIS(2-CHLOROETHYL)ETHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIS(2-CHLOROISOPROPYL)ETHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIMETHYLPHTHALATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEXACHLOROBUTADIENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEXACHLOROCYCLOPENTADIENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEXACHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ISOPHORONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NAPHTHALENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NITROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-NITROSODI-N-PROPYL AMINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table #6 (Continued)
Semi-Volatile Organic Compounds (mg/kg)
EPA Method 8270

Parameter	GS-1	DW-1*	DW-2*	DW-14*	DW-16	DW-19*	DW-20*	DW-21*	DW-22*	DW-23	DW-24*	DW-25	DW-26*	RSCO
DIBENZOFURAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-DINTROTOLUENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-NITROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLUORENE	-	1488.0	35678.0	1564.0	-	4178.0	-	15678.0	5715.0	-	-	-	-	50000.0
4-CHLOROPHENYL PHENYL ETHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIETHYLPHTHALATE	-	1453.0	-	-	-	-	-	-	-	-	-	-	-	7100.0
4-NITROANILINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-DINITRO-2-METHYLPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-NITROSODIPHENYLAMINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-BROMOPHENYL-PHENYL ETHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEXACHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENTACHLORPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHENANTHRENE	-	31559.0	**256452.0**	31304.0	515.0	**73099.0**	**76898.0**	**224517.0**	**68954.0**	399.0	-	-	**6474.0**	1000.0
ANTHRACENE	-	6415.0	36742.0	3821.0	73.1	9394.0	8607.0	34773.0	9043.0	77.6	-	-	719.0	50000.0
DI-N-BUTYLPHTHALATE	-	-	-	-	-	-	-	-	-	-	-	-	-	50000.0
FLUORANTHENE	-	**85694.0**	**388086.0**	**91476.0**	1787.0	**132702.0**	**210394.0**	**360393.0**	**154676.0**	594.0	58.8	-	1854.0	50000.0
PYRENE	-	**67035.0**	**268700.0**	**66904.0**	1396.0	**96773.0**	**153235.0**	**265018.0**	**117122.0**	476.0	58.8	-	2244.0	50000.0
BUTYLBENZYLPHTHALATE	78.4	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3-DICHLOROBENZIDINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENZO-A-ANTHRACENE	-	**34678.0**	**89780.0**	**23582.0**	**514.0**	**34866.0**	**55662.0**	**109444.0**	**40004.0**	206.0	67.7	-	**1468.0**	224.0
CHRYSENE	-	**48953.0**	**167418.0**	**54113.0**	**1109.0**	**68668.0**	**119931.0**	**169443.0**	**83964.0**	400.0	118.0	-	**991.0**	400.0
BIS(2-ETHYLEXYL)PHTALATE	-	-	-	-	-	-	-	-	-	-	-	-	**3156.0**	50000.0
DI-N-OCTYLPHTHALATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENZO-B-FLUOROANTHENE	-	**53922.0**	**162200.0**	**66805.0**	**1367.0**	**70997.0**	**124609.0**	**165724.0**	**81389.0**	361.0	158.0	48.7	**1162.0**	1100.0
BENZO-K-FLUOROANTHENE	-	**41199.0**	**113422.0**	**35343.0**	929.0	**42563.0**	**85785.0**	**108439.0**	**58844.0**	344.0	122.0	-	749.0	1100.0
BENZO-A-PYRENE	-	**48517.0**	**126842.0**	**41342.0**	**1016.0**	**51476.0**	**85037.0**	**136680.0**	**64433.0**	**382.0**	**172.0**	**64.5**	**1124.0**	61.0
INDENO(1,2,3-C,D)PYRENE	-	**40171.0**	**98406.0**	**43065.0**	1015.0	**48057.0**	**87002.0**	**102912.0**	**56834.0**	295.0	135.0	62.9	768.0	3200.0
DIBENZO-A,H-ANTHRACENE	-	**8736.0**	**20235.0**	**7821.0**	**181.0**	**9799.0**	**17026.0**	**25225.0**	**11492.0**	**78.4**	**51.4**	-	-	14.0
BENZO-G,H,I-PERYLENE	-	36556.0	**82964.0**	36907.0	955.0	44538.0	**84289.0**	**96480.0**	**57525.0**	299.0	132.0	76.3	662.0	50000.0

All results reported in ug/kg
RSCO recommend soil cleanup objective from NYSDEC TAGM 4046
- not applicable or targeted parameter not detected in excess of laboratory minimum detection limit
* Laboratory MDLs raised due to target compound interference

Table #7
TAL Metals (mg/kg)

Parameter	GS-1	DW-1	DW-2	DW-14	DW-16	DW-19	DW-20	DW-21	DW-22	DW-23	DW-24	DW-25	DW-26	RSCO
Aluminum as Al	6827.0	3458.0	4157.0	3855.0	1202.0	7058.0	4022.0	5622.0	13067.0	36538.0	13380.0	6185.0	9986.0	SB
Antimony as Sb	-	-	-	-	-	3.99	-	-	-	-	-	-	5.02	SB
Arsenic as As	2.3	-	-	-	1.85	-	2.09	2.39	6.32	-	-	3.88	**204.0**	7.5
Barium as Ba	71.5	32.8	32.6	23.6	5.51	44.1	29.0	36.3	81.9	33.1	22.1	44.3	**387.0**	300.0
Beryllium as Be	-	-	-	-	-	-	-	-	-	-	-	-	-	0.16
Cadmium as Cd	-	-	**1.74**	-	-	-	-	**2.24**	**3.66**	-	-	**1.97**	**8.39**	1.0
Calcium as Ca	-	4657.0	2406.0	1983.0	141.0	2342.0	1118.0	1090.0	20182.0	24865.0	288.0	966.0	4598.0	SB
Chromium as Cr	**11.6**	**27.8**	**30.9**	**24.2**	5.1	**31.8**	**27.9**	**42.1**	**42.9**	**14.4**	9.46	**29.2**	**16232.0**	10.0
Cobalt as Co	**32.3**	5.03	3.33	2.76	-	4.03	2.89	3.97	7.52	4.11	2.24	2.89	8.75	30.0
Copper as Cu	11.4	**38.7**	**48.7**	**40.2**	3.55	**204.0**	**61.5**	**77.4**	**170.0**	18.6	**35.8**	**687.0**	**7382.0**	25.0
Iron as Fe	**22229.0**	**9516.0**	**5843.0**	**7558.0**	**6532.0**	**8107.0**	**7349.0**	**8685.0**	**19381.0**	**32232.0**	**14367.0**	**5539.0**	**60753.0**	2000.0
Lead as Pb	4.38	117.0	143.0	77.8	4.62	355.0	113.0	232.0	377.0	12.5	5.27	119.0	**1841.0**	200.0-500.0
Magnesium as Mg	1544.0	2329.0	1453.0	1323.0	223.0	1643.0	937.0	1167.0	6716.0	13960.0	902.0	1516.0	1889.0	SB
Manganese as Mn	3952.0	93.7	33.4	36.5	41.3	49.5	32.9	39.9	**135.0**	82.5	26.2	35.9	196.0	SB
Mercury as Hg	0.057	0.087	0.078	0.075		0.037	0.096	**0.168**	**0.294**	**0.247**	0.05	**0.481**	**1.69**	0.1
Nickel as Ni	12.8	12.8	**13.2**	9.77	2.12	10.6	12.8	**32.0**	**29.5**	8.07	6.96	**14.8**	**31.4**	13.0
Potassium as K	606.0	248.0	308.0	289.0	134.0	359.0	298.0	427.0	802.0	631.0	738.0	416.0	466.0	SB
Selenium as Se	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0
Silver as Ag	-	-	-	-	-	-	-	-	-	-	-	3.44	9.58	SB
Sodium as Na	30.9	110.0	81.0	50.7	10.9	154.0	172.0	118.0	883.0	82.8	112.0	1112.0	867.0	SB
Thallium as Tl	-	-	-	-	-	-	-	-	-	-	-	27.8	-	SB
Vanadium as V	13.0	25.9	22.9	18.0	9.71	41.0	32.9	54.2	55.0	19.2	8.69	-	103.0	150.0
Zinc as Zn	**33.0**	**361.0**	**258.0**	**158.8**	18.4	**766.0**	**283.0**	**463.0**	**829.0**	**83.8**	**83.9**	**369.0**	**3948.0**	20.0

All results reported in mg/kg
RSCO recommend soil cleanup objective from NYSDEC TAGM 4046
- not applicable or targeted parameter not detected in excess of laboratory minimum detection limit

Table #8
Total Petroleum Hydrocarbons (mg/kg)
EPA Method 418.1

Sample ID#	Sample Depth (ft.)	TPHC Concentration	Guideline
DW-1	7.0 to 8.0	**2,700.0**	*
DW-2	8.0 to 9.0	**17,917.0**	*
DW-14	12.0 to 13.0	**5,691**	*
DW-16	11.0 to 12.0	248.0	*
DW-19	10.0 to 11.0	**5,197.0**	*
DW-20	17.0 to 18.0	**5,841.0**	*
DW-21	12.0 to 13.0	**5,438.0**	*
DW-22	8.0 to 9.0	**6,035.0**	*
DW-23	7.0 to 8.0	**64,960.0**	*
DW-24	9.0 to 10.0	14.0	*
DW-25	9.5 to 10.5	**2,694.0**	*
DW-26	12.0 to 13.0	**3,324.0**	*
GS-1	5.0 to 6.0	10.0	*

All results reported in mg/kg
* the NYSDEC does not maintain a recommended soil cleanup objective for TPHC in soil. 1,000.0, mg/kg is, however, the currently recognized action level guideline for determining the need for the implementation of additional investigative and/or remedial efforts.

Table #9
Volatile Organic Compounds (mg/kg)
EPA Method 8260

Parameter	B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11	B-12	B-13	B-14	B-15	RSCO
DICHLORODIFLUOROMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHLOROMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VINYL CHLORIDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BROMOMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRICHLOROFLUOROMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-DICHLOROETHENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
METHYLENE CHLORIDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1 ,2-DICHLOROETHENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-DICHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-DICHLOROPROPANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1 ,2-DICHLOROETHENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BROMOCHLOROMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHLOROFORM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-TRICHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARBON TETRACHLORIDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-DICHLOROPROPENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-DICHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRICHLOROETHENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-DICHLOROPROPANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIBROMOMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BROMODICHLOROMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-DICHLOROPROPENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOLUENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1, 3-DICHLOROPROPENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-TRICHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TETRACHLOROETHYLENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-DICHLOROPROPANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIBROMOCHLOROMETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-DIBROMOETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1,2-TETRACHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ETHYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table #9 (Continued)
Volatile Organic Compounds (mg/kg)
EPA Method 8260

Parameter	B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11	B-12	B-13	B-14	B-15	RSCO
STYRENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BROMOFORM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ISOPROPYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BROMOBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-TETRACHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-TRICHLOROPROPANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-PROPYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-CHLOROTOLUENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-CHLOROTOLUENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-TRIMETHYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-BUTYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-TRIMETHYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-BUTYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-DICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P-ISOPROPYLTOLUENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-DICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-DICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-BUTYLBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-DIBROMO-S-CHLOROPROPANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-TRICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEXACHLOROBUTADIENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NAPHTHALENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-TRICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-CHLOROETHYLVINYL ETHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ACETONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
METHYL ETHYL KETONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
METHYL ISOBUTYL KETONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p & m-XYLENES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-XYLENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARBON DISULFIDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MTBE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VINYL ACETATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-HEXANONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

All results reported in ug/kg
RSCO recommend soil cleanup objective from NYSDEC TAGM 4046
- not applicable or targeted parameter not detected in excess of laboratory minimum detection limit

Table #10
Semi-Volatile Organic Compounds (mg/kg)
EPA Method 8270

Parameter	B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11	B-12	B-13	B-14	B-15	RSCO
1,2,4-TRICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-DICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-DICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-DICHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-TRICHLOROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-TRICHLOROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-DICHLOROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-DIMETHYLPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-DINITROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-DINITROTOLUENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-CHLORONAPHTHALENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-CHLOROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-METHYLNAPHTHALENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-METHYLPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-NITROANILINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-NITROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-NITROANILINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-CHLORO-3-METHYLPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-CHLOROANILINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-METHYLPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ACENAPHTHENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ACENAPHTHYLENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIS(2-CHLOROETHOXY)METHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIS(2-CHLOROETHYL)ETHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIS(2-CHLOROISOPROPYL)ETHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIMETHYLPHTHALATE	-	-	-	-	-	101.0	-	-	-	-	-	-	-	-	-	2000.0
HEXACHLOROBUTADIENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEXACHLOROCYCLOPENTADIENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEXACHLOROETHANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ISOPHORONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NAPHTHALENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NITROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-NITROSODI-N-PROPYL AMINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table #10 (Continued)
Semi-Volatile Organic Compounds (mg/kg)
EPA Method 8270

Parameter	B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11	B-12	B-13	B-14	B-15	RSCO
DIBENZOFURAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-DINTROTOLUENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-NITROPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLUORENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-CHLOROPHENYL PHENYL ETHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIETHYLPHTHALATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-NITROANILINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-DINITRO-2-METHYLPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-NITROSODIPHENYLAMINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-BROMOPHENYL-PHENYL ETHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEXACHLOROBENZENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENTACHLORPHENOL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHENANTHRENE	-	-	-	-	55.3	-	-	-	-	-	-	55.9	61.6	54.8	150.0	50000.0
ANTHRACENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DI-N-BUTYLPHTHALATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLUORANTHENE	-	-	-	-	137.0	-	-	-	-	51.0	-	173.0	47.0	82.3	143.0	50000.0
PYRENE	-	-	-	-	124.0	-	-	-	-	58.7	-	134.0	-	66.4	132.0	50000.0
BUTYLBENZYLPHTHALATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3-DICHLOROBENZIDINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENZO-A-ANTHRACENE	-	-	-	-	84.5	-	-	-	-	-	-	67.9	-	-	79.0	224.0
CHRYSENE	-	-	-	-	109.0	-	-	-	-	44.0	-	105.0	-	-	116.0	400.0
BIS(2-ETHYLEXYL)PHTALATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DI-N-OCTYLPHTHALATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENZO-B-FLUOROANTHENE	-	-	-	-	102.0	-	-	-	-	-	-	109.0	-	-	91.8	1100.0
BENZO-K-FLUOROANTHENE	-	-	-	-	96.8	-	-	-	-	-	-	92.0	-	-	97.7	1100.0
BENZO-A-PYRENE	-	-	-	-	**130.0**	-	-	-	-	-	-	**84.2**	-	-	**121.0**	61.0
INDENO(1,2,3-C,D)PYRENE	-	-	-	-	82.2	-	-	-	-	-	-	94.8	-	-	91.8	3200.0
DIBENZO-A,H-ANTHRACENE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BENZO-G,H,I-PERYLENE	-	-	-	-	69.1	-	-	-	-	-	-	80.70	-	-	73.1	50000.0

All results reported in ug/kg
RSCO recommend soil cleanup objective from NYSDEC TAGM 4046
- not applicable or targeted parameter not detected in excess of laboratory minimum detection limit

Table #11
TAL Metals (mg/kg)

Parameter	B-1	B-2	B-3	B-14	B-15	RSCO
Aluminum as Al	1417.0	1486.0	941.0	7246.0	14528.0	SB
Antimony as Sb	-	-	-	-	-	SB
Arsenic as As	-	-	-	-	2.81	7.5
Barium as Ba	-	-	-	13.1	37.7	300.0
Beryllium as Be	-	-	-	-	-	0.16
Cadmium as Cd	-	-	-	-	-	1.0
Calcium as Ca	53.1	26.6	39.8	185.0	1560.0	SB
Chromium as Cr	4.37	1.76	-	**11.8**	**11.0**	10.0
Cobalt as Co	-	-	-	2.4	3..36	30.0
Copper as Cu	-	-	-	4.03	7.04	25.0
Iron as Fe	425.0	1192.0	510.0	**9577.0**	**18584.0**	2000.0
Lead as Pb	-	-	-	4.58	10.1	200.0-500.0
Magnesium as Mg	60.0	74.5	60.9	850.0	1423.0	SB
Manganese as Mn	10.9	63.6	4.32	32.1	138.0	SB
Mercury as Hg	-	-	-	-	0.056	0.1
Nickel as Ni	-	-	-	7.23	6.45	13.0
Potassium as K	49.6	61.0	29.5	189.0	318.0	SB
Selenium as Se	-	-	-	-	-	2.0
Silver as Ag	-	-	-	-	-	SB
Sodium as Na	17.7	6.91	9.79	67.4	249.0	SB
Thallium as Tl	-	-	-	-	-	SB
Vanadium as V	-	2.07	1.99	11.4	19.0	150.0
Zinc as Zn	4.16	3.73	4.03	14.1	**27.1**	20.0

All results reported in mg/kg
RSCO recommend soil cleanup objective from NYSDEC TAGM 4046
- not applicable or targeted parameter not detected in excess of laboratory minimum detection limit

Table #12
Volatile Organic Compounds
EPA Method TO-15 (ug/m^3)

EPA Method TO-15 Perimeters	SVW-1	SVW-2	SVW-3	SVW-4
1,1,1-Trichloroethane	5.2	94.0	0.67	-
1,1,2,2-Tetrachloroethane	-	-	-	-
1,1,2-Trichloroethane	-	-	-	-
1,1-Dichloroethane	-	-	-	-
1,1-Dichloroethene	-	-	-	-
1,2,4-Trichlorobenzene	-	-	-	-
1,2,4-Trimethylbenzene	55.0	290.0	280.0	170.0
1,2-Dibromoethane	-	-	-	-
1,2-Dichlorobenzene	-	-	-	-
1,2-Dichloroethane	-	-	-	-
1,2-Dichloropropane	-	-	-	-
1,3,5-Trimethylbenzene	14.0	49.0	49.0	34.0
1,3-butadiene	-	-	-	-
1,3-Dichlorobenzene	2.7	-	-	-
1,4-Dichlorobenzene	59.0	65.0	57.0	69.0
1,4-Dioxane	-	-	-	-
2,2,4-trimethylpentane	360.0	360.0	290.0	290.0
4-ethyltoluene	22.0	94.0	92.0	64.0
Acetone	220.0	200.0	150.0	200.0
Allyl chloride	-	-	-	-
Benzene	260.0	190.0	190.0	200.0
Benzyl chloride	-	-	-	-
Bromodichloromethane	-	-	-	-
Bromoform	-	-	-	-
Bromomethane	-	-	-	-
Carbon disulfide	4.4	19.0	22.0	18.0
Carbon tetrachloride	-	-	-	-
Chlorobenzene	-	-	-	-
Chloroethane	0.75	-	0.7	0.8
Chloroform	-	-	-	-
Chloromethane	3.4	0.86	0.69	1.1
cis-1,2-Dichloroethene	-	36.0	-	-
cis-1,3-Dichloropropene	-	-	-	-
Cyclohexane	250.0	180.0	200.0	280.0
Dibromochloromethane	-	-	-	-
Ethyl acetate	-	-	-	-

Table #12 (continued)
Volatile Organic Compounds
EPA Method TO-15 (ug/m^3)

EPA Method TO-15 Perimeters	SVW-1	SVW-2	SVW-3	SVW-4
Ethyl benzene	110.0	150.0	290.0	230.0
Freon 11	2.0	14.0	1.3	16.0
Freon 113	10.0	26.0	76.0	-
Freon 114	-	-	-	-
Freon 12	1.8	1.7	1.9	1.7
Heptane	250.0	180.0	290.0	280.0
Hexachloro-1,3-butadiene	-	-	-	-
Hexane	550.0	370.0	280.0	280.0
Isopropyl alcohol	-	-	-	-
m&p-Xylene	270.0	530.0	460.0	350.0
Methyl Butyl Ketone	-	-	-	-
Methyl Ethyl Ketone	-	-	-	-
Methyl Isobutyl Ketone	8.2	-	7.9	-
Methyl tert-butyl ether	-	-	-	-
Methylene chloride	3.0	1.8	1.4	1.2
o-Xylene	90.0	330.0	260.0	200.0
Propylene	-	-	-	-
Styrene	10.0	24.0	19.0	16.0
Tetrachloroethylene	6.0	330.0	1.2	0.69
Tetrahydrofuran	-	-	-	-
Toluene	920.0	1600.0	1000.0	1200.0
trans-1,2-Dichloroethene	-	-	-	-
trans-1,3-Dichloropropene	-	-	-	-
Trichloroethene	-	290.0	5.2	-
Vinyl acetate	-	-	-	-
Vinyl Bromide	-	-	-	-
Vinyl chloride	0.23	-	-	0.49

- not detected at reporting limit
Date of work: 8-12-09
Weather: sunny; 79^0 F; barometric pressure 29.85 inches mercury
Bolded constituents are identified in Table 3.3 (Volatile Chemicals and Their Decision Making Matrices) of NYSDOH – Guidance for Evaluating Soil Vapor Intrusion in New York State (10/06)

Centek Laboratories, LLC

Date: *17-Aug-09*

CLIENT: Soil Mechanics Environmental Services
Lab Order: C0908014
Project: Garden City, Avis
Lab ID: C0908014-001A

Client Sample ID: SVW-1 (MW-9)
Tag Number: 140, 155
Collection Date: 8/12/2009
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: LL
1,1,1-Trichloroethane	5.2	0.83		ug/m3	1	8/13/2009 7:21:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/13/2009 7:21:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/13/2009 7:21:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/13/2009 7:21:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/13/2009 7:21:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/13/2009 7:21:00 PM
1,2,4-Trimethylbenzene	55	7.5		ug/m3	10	8/13/2009 7:57:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/13/2009 7:21:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/13/2009 7:21:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/13/2009 7:21:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/13/2009 7:21:00 PM
1,3,5-Trimethylbenzene	14	7.5		ug/m3	10	8/13/2009 7:57:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/13/2009 7:21:00 PM
1,3-Dichlorobenzene	2.7	0.92		ug/m3	1	8/13/2009 7:21:00 PM
1,4-Dichlorobenzene	59	9.2		ug/m3	10	8/13/2009 7:57:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/13/2009 7:21:00 PM
2,2,4-trimethylpentane	360	28		ug/m3	40	8/13/2009 8:35:00 PM
4-ethyltoluene	22	7.5		ug/m3	10	8/13/2009 7:57:00 PM
Acetone	220	58		ug/m3	80	8/15/2009 3:56:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/13/2009 7:21:00 PM
Benzene	260	39		ug/m3	80	8/15/2009 3:56:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/13/2009 7:21:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/13/2009 7:21:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/13/2009 7:21:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/13/2009 7:21:00 PM
Carbon disulfide	4.4	0.47		ug/m3	1	8/13/2009 7:21:00 PM
Carbon tetrachloride	< 0.96	0.96		ug/m3	1	8/13/2009 7:21:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/13/2009 7:21:00 PM
Chloroethane	0.75	0.40		ug/m3	1	8/13/2009 7:21:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/13/2009 7:21:00 PM
Chloromethane	3.4	0.31		ug/m3	1	8/13/2009 7:21:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/13/2009 7:21:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/13/2009 7:21:00 PM
Cyclohexane	250	42		ug/m3	80	8/15/2009 3:56:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/13/2009 7:21:00 PM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/13/2009 7:21:00 PM
Ethylbenzene	110	26		ug/m3	40	8/13/2009 8:35:00 PM
Freon 11	2.0	0.86		ug/m3	1	8/13/2009 7:21:00 PM
Freon 113	10	1.2		ug/m3	1	8/13/2009 7:21:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/13/2009 7:21:00 PM

Qualifiers:

*	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: *17-Aug-09*

CLIENT: Soil Mechanics Environmental Services
Lab Order: C0908014
Project: Garden City, Avis
Lab ID: C0908014-001A

Client Sample ID: SVW-1 (MW-9)
Tag Number: 140, 155
Collection Date: 8/12/2009
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: LL
Freon 12	1.8	0.75		ug/m3	1	8/13/2009 7:21:00 PM
Heptane	250	50		ug/m3	80	8/15/2009 3:56:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/13/2009 7:21:00 PM
Hexane	550	43		ug/m3	80	8/15/2009 3:56:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	8/13/2009 7:21:00 PM
m&p-Xylene	270	110		ug/m3	80	8/15/2009 3:56:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/13/2009 7:21:00 PM
Methyl Ethyl Ketone	< 0.90	0.90		ug/m3	1	8/13/2009 7:21:00 PM
Methyl Isobutyl Ketone	8.2	1.2		ug/m3	1	8/13/2009 7:21:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/13/2009 7:21:00 PM
Methylene chloride	3.0	0.53		ug/m3	1	8/13/2009 7:21:00 PM
o-Xylene	90	6.6		ug/m3	10	8/13/2009 7:57:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/13/2009 7:21:00 PM
Styrene	10	6.5		ug/m3	10	8/13/2009 7:57:00 PM
Tetrachloroethylene	6.0	1.0		ug/m3	1	8/13/2009 7:21:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/13/2009 7:21:00 PM
Toluene	920	180		ug/m3	320	8/15/2009 4:33:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/13/2009 7:21:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/13/2009 7:21:00 PM
Trichloroethene	< 0.82	0.82		ug/m3	1	8/13/2009 7:21:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/13/2009 7:21:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/13/2009 7:21:00 PM
Vinyl chloride	0.23	0.39	J	ug/m3	1	8/13/2009 7:21:00 PM

Qualifiers:

*	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: *17-Aug-09*

CLIENT: Soil Mechanics Environmental Services
Lab Order: C0908014
Project: Garden City, Avis
Lab ID: C0908014-002A

Client Sample ID: SVW-2 (MW-17)
Tag Number: 136, 149
Collection Date: 8/12/2009
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	94	8.3		ug/m3	10	8/13/2009 9:46:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/13/2009 9:12:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/13/2009 9:12:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/13/2009 9:12:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/13/2009 9:12:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/13/2009 9:12:00 PM
1,2,4-Trimethylbenzene	290	30		ug/m3	40	8/13/2009 10:21:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/13/2009 9:12:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/13/2009 9:12:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/13/2009 9:12:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/13/2009 9:12:00 PM
1,3,5-Trimethylbenzene	49	7.5		ug/m3	10	8/13/2009 9:46:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/13/2009 9:12:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/13/2009 9:12:00 PM
1,4-Dichlorobenzene	65	9.2		ug/m3	10	8/13/2009 9:46:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/13/2009 9:12:00 PM
2,2,4-trimethylpentane	360	28		ug/m3	40	8/13/2009 10:21:00 PM
4-ethyltoluene	94	7.5		ug/m3	10	8/13/2009 9:46:00 PM
Acetone	200	120		ug/m3	160	8/15/2009 5:08:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/13/2009 9:12:00 PM
Benzene	190	78		ug/m3	160	8/15/2009 5:08:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/13/2009 9:12:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/13/2009 9:12:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/13/2009 9:12:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/13/2009 9:12:00 PM
Carbon disulfide	19	4.7		ug/m3	10	8/13/2009 9:46:00 PM
Carbon tetrachloride	< 0.96	0.96		ug/m3	1	8/13/2009 9:12:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/13/2009 9:12:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	8/13/2009 9:12:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/13/2009 9:12:00 PM
Chloromethane	0.86	0.31		ug/m3	1	8/13/2009 9:12:00 PM
cis-1,2-Dichloroethene	36	6.0		ug/m3	10	8/13/2009 9:46:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/13/2009 9:12:00 PM
Cyclohexane	180	84		ug/m3	160	8/15/2009 5:08:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/13/2009 9:12:00 PM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/13/2009 9:12:00 PM
Ethylbenzene	150	110		ug/m3	160	8/15/2009 5:08:00 AM
Freon 11	14	8.6		ug/m3	10	8/13/2009 9:46:00 PM
Freon 113	26	12		ug/m3	10	8/13/2009 9:46:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/13/2009 9:12:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: *17-Aug-09*

CLIENT: Soil Mechanics Environmental Services
Lab Order: C0908014
Project: Garden City, Avis
Lab ID: C0908014-002A

Client Sample ID: SVW-2 (MW-17)
Tag Number: 136, 149
Collection Date: 8/12/2009
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
Freon 12	1.7	0.75		ug/m3	1	8/13/2009 9:12:00 PM
Heptane	180	100		ug/m3	160	8/15/2009 5:08:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/13/2009 9:12:00 PM
Hexane	370	86		ug/m3	160	8/15/2009 5:08:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	8/13/2009 9:12:00 PM
m&p-Xylene	530	210		ug/m3	160	8/15/2009 5:08:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/13/2009 9:12:00 PM
Methyl Ethyl Ketone	< 0.90	0.90		ug/m3	1	8/13/2009 9:12:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	8/13/2009 9:12:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/13/2009 9:12:00 PM
Methylene chloride	1.8	0.53		ug/m3	1	8/13/2009 9:12:00 PM
o-Xylene	330	26		ug/m3	40	8/13/2009 10:21:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/13/2009 9:12:00 PM
Styrene	24	6.5		ug/m3	10	8/13/2009 9:46:00 PM
Tetrachloroethylene	330	41		ug/m3	40	8/13/2009 10:21:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/13/2009 9:12:00 PM
Toluene	1600	370		ug/m3	640	8/15/2009 5:43:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/13/2009 9:12:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/13/2009 9:12:00 PM
Trichloroethene	290	33		ug/m3	40	8/13/2009 10:21:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/13/2009 9:12:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/13/2009 9:12:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	8/13/2009 9:12:00 PM

NOTES:
* Based on the chromatographic evidence, it appears that the contamination is from a fuel.
Surrogate reported in original analysis and dilutions.

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: *17-Aug-09*

CLIENT: Soil Mechanics Environmental Services
Lab Order: C0908014
Project: Garden City, Avis
Lab ID: C0908014-003A

Client Sample ID: SVW-3 (MW-12)
Tag Number: 163, 269
Collection Date: 8/12/2009
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	0.67	0.83	J	ug/m3	1	8/13/2009 10:57:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/13/2009 10:57:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/13/2009 10:57:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/13/2009 10:57:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/13/2009 10:57:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/13/2009 10:57:00 PM
1,2,4-Trimethylbenzene	280	30		ug/m3	40	8/14/2009 12:11:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/13/2009 10:57:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/13/2009 10:57:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/13/2009 10:57:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/13/2009 10:57:00 PM
1,3,5-Trimethylbenzene	49	7.5		ug/m3	10	8/13/2009 11:34:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/13/2009 10:57:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/13/2009 10:57:00 PM
1,4-Dichlorobenzene	57	9.2		ug/m3	10	8/13/2009 11:34:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/13/2009 10:57:00 PM
2,2,4-trimethylpentane	290	28		ug/m3	40	8/14/2009 12:11:00 AM
4-ethyltoluene	92	7.5		ug/m3	10	8/13/2009 11:34:00 PM
Acetone	150	120		ug/m3	160	8/15/2009 6:17:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/13/2009 10:57:00 PM
Benzene	190	19		ug/m3	40	8/14/2009 12:11:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/13/2009 10:57:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/13/2009 10:57:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/13/2009 10:57:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/13/2009 10:57:00 PM
Carbon disulfide	22	4.7		ug/m3	10	8/13/2009 11:34:00 PM
Carbon tetrachloride	< 0.96	0.96		ug/m3	1	8/13/2009 10:57:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/13/2009 10:57:00 PM
Chloroethane	0.70	0.40		ug/m3	1	8/13/2009 10:57:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/13/2009 10:57:00 PM
Chloromethane	0.69	0.31		ug/m3	1	8/13/2009 10:57:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/13/2009 10:57:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/13/2009 10:57:00 PM
Cyclohexane	200	21		ug/m3	40	8/14/2009 12:11:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/13/2009 10:57:00 PM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/13/2009 10:57:00 PM
Ethylbenzene	290	26		ug/m3	40	8/14/2009 12:11:00 AM
Freon 11	1.3	0.86		ug/m3	1	8/13/2009 10:57:00 PM
Freon 113	76	12		ug/m3	10	8/13/2009 11:34:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/13/2009 10:57:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: *17-Aug-09*

CLIENT: Soil Mechanics Environmental Services
Lab Order: C0908014
Project: Garden City, Avis
Lab ID: C0908014-003A

Client Sample ID: SVW-3 (MW-12)
Tag Number: 163, 269
Collection Date: 8/12/2009
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 12	1.9	0.75		ug/m3	1	8/13/2009 10:57:00 PM
Heptane	290	25		ug/m3	40	8/14/2009 12:11:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/13/2009 10:57:00 PM
Hexane	280	86		ug/m3	160	8/15/2009 6:17:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	8/13/2009 10:57:00 PM
m&p-Xylene	460	210		ug/m3	160	8/15/2009 6:17:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/13/2009 10:57:00 PM
Methyl Ethyl Ketone	< 0.90	0.90		ug/m3	1	8/13/2009 10:57:00 PM
Methyl Isobutyl Ketone	7.9	1.2		ug/m3	1	8/13/2009 10:57:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/13/2009 10:57:00 PM
Methylene chloride	1.4	0.53		ug/m3	1	8/13/2009 10:57:00 PM
o-Xylene	260	26		ug/m3	40	8/14/2009 12:11:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/13/2009 10:57:00 PM
Styrene	19	6.5		ug/m3	10	8/13/2009 11:34:00 PM
Tetrachloroethylene	1.2	1.0		ug/m3	1	8/13/2009 10:57:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/13/2009 10:57:00 PM
Toluene	1000	92		ug/m3	160	8/15/2009 6:17:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/13/2009 10:57:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/13/2009 10:57:00 PM
Trichloroethene	5.2	0.82		ug/m3	1	8/13/2009 10:57:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/13/2009 10:57:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/13/2009 10:57:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	8/13/2009 10:57:00 PM

NOTES:
* Based on the chromatographic evidence, it appears that the contamination is from a fuel.
Surrogate reported in original analysis and dilutions.

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: *17-Aug-09*

CLIENT: Soil Mechanics Environmental Services
Lab Order: C0908014
Project: Garden City, Avis
Lab ID: C0908014-004A

Client Sample ID: SVW-4 (MW-18)
Tag Number: 190, 441
Collection Date: 8/12/2009
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/14/2009 12:47:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/14/2009 12:47:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/14/2009 12:47:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/14/2009 12:47:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/14/2009 12:47:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/14/2009 12:47:00 AM
1,2,4-Trimethylbenzene	170	30		ug/m3	40	8/14/2009 2:00:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/14/2009 12:47:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/14/2009 12:47:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/14/2009 12:47:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/14/2009 12:47:00 AM
1,3,5-Trimethylbenzene	34	7.5		ug/m3	10	8/14/2009 1:24:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/14/2009 12:47:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/14/2009 12:47:00 AM
1,4-Dichlorobenzene	69	9.2		ug/m3	10	8/14/2009 1:24:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/14/2009 12:47:00 AM
2,2,4-trimethylpentane	290	28		ug/m3	40	8/14/2009 2:00:00 AM
4-ethyltoluene	64	7.5		ug/m3	10	8/14/2009 1:24:00 AM
Acetone	200	120		ug/m3	160	8/15/2009 7:59:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/14/2009 12:47:00 AM
Benzene	200	19		ug/m3	40	8/14/2009 2:00:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/14/2009 12:47:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/14/2009 12:47:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/14/2009 12:47:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/14/2009 12:47:00 AM
Carbon disulfide	18	4.7		ug/m3	10	8/14/2009 1:24:00 AM
Carbon tetrachloride	< 0.96	0.96		ug/m3	1	8/14/2009 12:47:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/14/2009 12:47:00 AM
Chloroethane	0.80	0.40		ug/m3	1	8/14/2009 12:47:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/14/2009 12:47:00 AM
Chloromethane	1.1	0.31		ug/m3	1	8/14/2009 12:47:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/14/2009 12:47:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/14/2009 12:47:00 AM
Cyclohexane	280	21		ug/m3	40	8/14/2009 2:00:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/14/2009 12:47:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/14/2009 12:47:00 AM
Ethylbenzene	230	26		ug/m3	40	8/14/2009 2:00:00 AM
Freon 11	16	8.6		ug/m3	10	8/14/2009 1:24:00 AM
Freon 113	< 1.2	1.2		ug/m3	1	8/14/2009 12:47:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/14/2009 12:47:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: *17-Aug-09*

CLIENT: Soil Mechanics Environmental Services
Lab Order: C0908014
Project: Garden City, Avis
Lab ID: C0908014-004A

Client Sample ID: SVW-4 (MW-18)
Tag Number: 190, 441
Collection Date: 8/12/2009
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 12	1.7	0.75		ug/m3	1	8/14/2009 12:47:00 AM
Heptane	280	25		ug/m3	40	8/14/2009 2:00:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/14/2009 12:47:00 AM
Hexane	280	86		ug/m3	160	8/15/2009 7:59:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	8/14/2009 12:47:00 AM
m&p-Xylene	350	210		ug/m3	160	8/15/2009 7:59:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/14/2009 12:47:00 AM
Methyl Ethyl Ketone	< 0.90	0.90		ug/m3	1	8/14/2009 12:47:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	8/14/2009 12:47:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/14/2009 12:47:00 AM
Methylene chloride	1.2	0.53		ug/m3	1	8/14/2009 12:47:00 AM
o-Xylene	200	26		ug/m3	40	8/14/2009 2:00:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/14/2009 12:47:00 AM
Styrene	16	6.5		ug/m3	10	8/14/2009 1:24:00 AM
Tetrachloroethylene	0.69	1.0	J	ug/m3	1	8/14/2009 12:47:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/14/2009 12:47:00 AM
Toluene	1200	92		ug/m3	160	8/15/2009 7:59:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/14/2009 12:47:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/14/2009 12:47:00 AM
Trichloroethene	< 0.82	0.82		ug/m3	1	8/14/2009 12:47:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/14/2009 12:47:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/14/2009 12:47:00 AM
Vinyl chloride	0.49	0.39		ug/m3	1	8/14/2009 12:47:00 AM

NOTES:

* Based on the chromatographic evidence, it appears that the contamination is from a fuel.
Surrogate reported in original analysis and dilutions.

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: *17-Aug-09*

CLIENT: Soil Mechanics Environmental Services
Lab Order: C0908014
Project: Garden City, Avis
Lab ID: C0908014-001A

Client Sample ID: SVW-1 (MW-9)
Tag Number: 140, 155
Collection Date: 8/12/2009
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab's Vacuum Reading	-7			"Hg		8/13/2009
HELIUM LEAK TEST		GC				Analyst: LL
Helium	ND	1.6		%	2	8/14/2009
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	0.93	0.15		ppbV	1	8/13/2009 7:21:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
1,2,4-Trimethylbenzene	11	1.5		ppbV	10	8/13/2009 7:57:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
1,3,5-Trimethylbenzene	2.8	1.5		ppbV	10	8/13/2009 7:57:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
1,3-Dichlorobenzene	0.44	0.15		ppbV	1	8/13/2009 7:21:00 PM
1,4-Dichlorobenzene	9.6	1.5		ppbV	10	8/13/2009 7:57:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/13/2009 7:21:00 PM
2,2,4-trimethylpentane	75	6.0		ppbV	40	8/13/2009 8:35:00 PM
4-ethyltoluene	4.5	1.5		ppbV	10	8/13/2009 7:57:00 PM
Acetone	90	24		ppbV	80	8/15/2009 3:56:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
Benzene	81	12		ppbV	80	8/15/2009 3:56:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
Carbon disulfide	1.4	0.15		ppbV	1	8/13/2009 7:21:00 PM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
Chloroethane	0.28	0.15		ppbV	1	8/13/2009 7:21:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
Chloromethane	1.6	0.15		ppbV	1	8/13/2009 7:21:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
Cyclohexane	72	12		ppbV	80	8/15/2009 3:56:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM

Qualifiers:

- ** Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- . Results reported are not blank corrected
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: *17-Aug-09*

CLIENT: Soil Mechanics Environmental Services
Lab Order: C0908014
Project: Garden City, Avis
Lab ID: C0908014-001A

Client Sample ID: SVW-1 (MW-9)
Tag Number: 140, 155
Collection Date: 8/12/2009
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
Ethyl acetate	< 0.25	0.25		ppbV	1	8/13/2009 7:21:00 PM
Ethylbenzene	26	6.0		ppbV	40	8/13/2009 8:35:00 PM
Freon 11	0.35	0.15		ppbV	1	8/13/2009 7:21:00 PM
Freon 113	1.3	0.15		ppbV	1	8/13/2009 7:21:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
Freon 12	0.35	0.15		ppbV	1	8/13/2009 7:21:00 PM
Heptane	61	12		ppbV	80	8/15/2009 3:56:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
Hexane	150	12		ppbV	80	8/15/2009 3:56:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
m&p-Xylene	62	24		ppbV	80	8/15/2009 3:56:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/13/2009 7:21:00 PM
Methyl Ethyl Ketone	< 0.30	0.30		ppbV	1	8/13/2009 7:21:00 PM
Methyl Isobutyl Ketone	2.0	0.30		ppbV	1	8/13/2009 7:21:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
Methylene chloride	0.85	0.15		ppbV	1	8/13/2009 7:21:00 PM
o-Xylene	20	1.5		ppbV	10	8/13/2009 7:57:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
Styrene	2.4	1.5		ppbV	10	8/13/2009 7:57:00 PM
Tetrachloroethylene	0.87	0.15		ppbV	1	8/13/2009 7:21:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
Toluene	240	48		ppbV	320	8/15/2009 4:33:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
Trichloroethene	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/13/2009 7:21:00 PM
Vinyl chloride	0.090	0.15	J	ppbV	1	8/13/2009 7:21:00 PM
Surr: Bromofluorobenzene	104	70-130		%REC	1	8/13/2009 7:21:00 PM

Qualifiers:

- ** Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- . Results reported are not blank corrected
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: *17-Aug-09*

CLIENT: Soil Mechanics Environmental Services
Lab Order: C0908014
Project: Garden City, Avis
Lab ID: C0908014-002A

Client Sample ID: SVW-2 (MW-17)
Tag Number: 136, 149
Collection Date: 8/12/2009
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab's Vacuum Reading	-6			"Hg		8/13/2009
HELIUM LEAK TEST		GC				Analyst: LL
Helium	ND	1.6		%	2	8/14/2009
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	17	1.5		ppbV	10	8/13/2009 9:46:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
1,2,4-Trimethylbenzene	58	6.0		ppbV	40	8/13/2009 10:21:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
1,3,5-Trimethylbenzene	9.9	1.5		ppbV	10	8/13/2009 9:46:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
1,4-Dichlorobenzene	11	1.5		ppbV	10	8/13/2009 9:46:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/13/2009 9:12:00 PM
2,2,4-trimethylpentane	77	6.0		ppbV	40	8/13/2009 10:21:00 PM
4-ethyltoluene	19	1.5		ppbV	10	8/13/2009 9:46:00 PM
Acetone	83	48		ppbV	160	8/15/2009 5:08:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
Benzene	58	24		ppbV	160	8/15/2009 5:08:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
Carbon disulfide	6.0	1.5		ppbV	10	8/13/2009 9:46:00 PM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
Chloromethane	0.41	0.15		ppbV	1	8/13/2009 9:12:00 PM
cis-1,2-Dichloroethene	8.9	1.5		ppbV	10	8/13/2009 9:46:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
Cyclohexane	51	24		ppbV	160	8/15/2009 5:08:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: *17-Aug-09*

CLIENT: Soil Mechanics Environmental Services
Lab Order: C0908014
Project: Garden City, Avis
Lab ID: C0908014-002A

Client Sample ID: SVW-2 (MW-17)
Tag Number: 136, 149
Collection Date: 8/12/2009
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
Ethyl acetate	< 0.25	0.25		ppbV	1	8/13/2009 9:12:00 PM
Ethylbenzene	34	24		ppbV	160	8/15/2009 5:08:00 AM
Freon 11	2.4	1.5		ppbV	10	8/13/2009 9:46:00 PM
Freon 113	3.4	1.5		ppbV	10	8/13/2009 9:46:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
Freon 12	0.33	0.15		ppbV	1	8/13/2009 9:12:00 PM
Heptane	43	24		ppbV	160	8/15/2009 5:08:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
Hexane	100	24		ppbV	160	8/15/2009 5:08:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
m&p-Xylene	120	48		ppbV	160	8/15/2009 5:08:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/13/2009 9:12:00 PM
Methyl Ethyl Ketone	< 0.30	0.30		ppbV	1	8/13/2009 9:12:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	8/13/2009 9:12:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
Methylene chloride	0.50	0.15		ppbV	1	8/13/2009 9:12:00 PM
o-Xylene	74	6.0		ppbV	40	8/13/2009 10:21:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
Styrene	5.6	1.5		ppbV	10	8/13/2009 9:46:00 PM
Tetrachloroethylene	48	6.0		ppbV	40	8/13/2009 10:21:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
Toluene	420	96		ppbV	640	8/15/2009 5:43:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
Trichloroethene	54	6.0		ppbV	40	8/13/2009 10:21:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	8/13/2009 9:12:00 PM
Surr: Bromofluorobenzene	149	70-130	S	%REC	1	8/13/2009 9:12:00 PM
Surr: Bromofluorobenzene	99.0	70-130		%REC	40	8/13/2009 10:21:00 PM
Surr: Bromofluorobenzene	89.0	70-130		%REC	160	8/15/2009 5:08:00 AM
Surr: Bromofluorobenzene	88.0	70-130		%REC	640	8/15/2009 5:43:00 AM
Surr: Bromofluorobenzene	99.0	70-130		%REC	10	8/13/2009 9:46:00 PM

NOTES:
* Based on the chromatographic evidence, it appears that the contamination is from a fuel.
Surrogate reported in original analysis and dilutions.

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: *17-Aug-09*

CLIENT: Soil Mechanics Environmental Services
Lab Order: C0908014
Project: Garden City, Avis
Lab ID: C0908014-003A

Client Sample ID: SVW-3 (MW-12)
Tag Number: 163, 269
Collection Date: 8/12/2009
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab's Vacuum Reading	-5			"Hg		8/13/2009
HELIUM LEAK TEST		GC				Analyst: LL
Helium	ND	1.6		%	2	8/14/2009
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	0.12	0.15	J	ppbV	1	8/13/2009 10:57:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
1,2,4-Trimethylbenzene	55	6.0		ppbV	40	8/14/2009 12:11:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
1,3,5-Trimethylbenzene	9.8	1.5		ppbV	10	8/13/2009 11:34:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
1,4-Dichlorobenzene	9.3	1.5		ppbV	10	8/13/2009 11:34:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/13/2009 10:57:00 PM
2,2,4-trimethylpentane	61	6.0		ppbV	40	8/14/2009 12:11:00 AM
4-ethyltoluene	18	1.5		ppbV	10	8/13/2009 11:34:00 PM
Acetone	64	48		ppbV	160	8/15/2009 6:17:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
Benzene	58	6.0		ppbV	40	8/14/2009 12:11:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
Carbon disulfide	6.9	1.5		ppbV	10	8/13/2009 11:34:00 PM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
Chloroethane	0.26	0.15		ppbV	1	8/13/2009 10:57:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
Chloromethane	0.33	0.15		ppbV	1	8/13/2009 10:57:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
Cyclohexane	58	6.0		ppbV	40	8/14/2009 12:11:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: *17-Aug-09*

CLIENT: Soil Mechanics Environmental Services
Lab Order: C0908014
Project: Garden City, Avis
Lab ID: C0908014-003A

Client Sample ID: SVW-3 (MW-12)
Tag Number: 163, 269
Collection Date: 8/12/2009
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
Ethyl acetate	< 0.25	0.25		ppbV	1	8/13/2009 10:57:00 PM
Ethylbenzene	65	6.0		ppbV	40	8/14/2009 12:11:00 AM
Freon 11	0.23	0.15		ppbV	1	8/13/2009 10:57:00 PM
Freon 113	9.7	1.5		ppbV	10	8/13/2009 11:34:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
Freon 12	0.38	0.15		ppbV	1	8/13/2009 10:57:00 PM
Heptane	70	6.0		ppbV	40	8/14/2009 12:11:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
Hexane	77	24		ppbV	160	8/15/2009 6:17:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
m&p-Xylene	100	48		ppbV	160	8/15/2009 6:17:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/13/2009 10:57:00 PM
Methyl Ethyl Ketone	< 0.30	0.30		ppbV	1	8/13/2009 10:57:00 PM
Methyl Isobutyl Ketone	1.9	0.30		ppbV	1	8/13/2009 10:57:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
Methylene chloride	0.40	0.15		ppbV	1	8/13/2009 10:57:00 PM
o-Xylene	58	6.0		ppbV	40	8/14/2009 12:11:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
Styrene	4.3	1.5		ppbV	10	8/13/2009 11:34:00 PM
Tetrachloroethylene	0.18	0.15		ppbV	1	8/13/2009 10:57:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
Toluene	270	24		ppbV	160	8/15/2009 6:17:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
Trichloroethene	0.96	0.15		ppbV	1	8/13/2009 10:57:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	8/13/2009 10:57:00 PM
Surr: Bromofluorobenzene	106	70-130		%REC	10	8/13/2009 11:34:00 PM
Surr: Bromofluorobenzene	147	70-130	S	%REC	1	8/13/2009 10:57:00 PM
Surr: Bromofluorobenzene	96.0	70-130		%REC	40	8/14/2009 12:11:00 AM
Surr: Bromofluorobenzene	85.0	70-130		%REC	160	8/15/2009 6:17:00 AM

NOTES:

* Based on the chromatographic evidence, it appears that the contamination is from a fuel.
Surrogate reported in original analysis and dilutions.

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: *17-Aug-09*

CLIENT: Soil Mechanics Environmental Services
Lab Order: C0908014
Project: Garden City, Avis
Lab ID: C0908014-004A

Client Sample ID: SVW-4 (MW-18)
Tag Number: 190, 441
Collection Date: 8/12/2009
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab's Vacuum Reading	-7			"Hg		8/13/2009
HELIUM LEAK TEST		GC				Analyst: LL
Helium	ND	1.6		%	2	8/14/2009
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
1,2,4-Trimethylbenzene	34	6.0		ppbV	40	8/14/2009 2:00:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
1,3,5-Trimethylbenzene	6.9	1.5		ppbV	10	8/14/2009 1:24:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
1,4-Dichlorobenzene	11	1.5		ppbV	10	8/14/2009 1:24:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/14/2009 12:47:00 AM
2,2,4-trimethylpentane	60	6.0		ppbV	40	8/14/2009 2:00:00 AM
4-ethyltoluene	13	1.5		ppbV	10	8/14/2009 1:24:00 AM
Acetone	83	48		ppbV	160	8/15/2009 7:59:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
Benzene	61	6.0		ppbV	40	8/14/2009 2:00:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
Carbon disulfide	5.6	1.5		ppbV	10	8/14/2009 1:24:00 AM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
Chloroethane	0.30	0.15		ppbV	1	8/14/2009 12:47:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
Chloromethane	0.52	0.15		ppbV	1	8/14/2009 12:47:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
Cyclohexane	81	6.0		ppbV	40	8/14/2009 2:00:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM

Qualifiers:
** Reporting Limit
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
JN Non-routine analyte. Quantitation estimated.
S Spike Recovery outside accepted recovery limits
. Results reported are not blank corrected
E Value above quantitation range
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: *17-Aug-09*

CLIENT: Soil Mechanics Environmental Services
Lab Order: C0908014
Project: Garden City, Avis
Lab ID: C0908014-004A

Client Sample ID: SVW-4 (MW-18)
Tag Number: 190, 441
Collection Date: 8/12/2009
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
Ethyl acetate	< 0.25	0.25		ppbV	1	8/14/2009 12:47:00 AM
Ethylbenzene	52	6.0		ppbV	40	8/14/2009 2:00:00 AM
Freon 11	2.8	1.5		ppbV	10	8/14/2009 1:24:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
Freon 12	0.33	0.15		ppbV	1	8/14/2009 12:47:00 AM
Heptane	66	6.0		ppbV	40	8/14/2009 2:00:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
Hexane	78	24		ppbV	160	8/15/2009 7:59:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
m&p-Xylene	80	48		ppbV	160	8/15/2009 7:59:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/14/2009 12:47:00 AM
Methyl Ethyl Ketone	< 0.30	0.30		ppbV	1	8/14/2009 12:47:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	8/14/2009 12:47:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
Methylene chloride	0.34	0.15		ppbV	1	8/14/2009 12:47:00 AM
o-Xylene	46	6.0		ppbV	40	8/14/2009 2:00:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
Styrene	3.7	1.5		ppbV	10	8/14/2009 1:24:00 AM
Tetrachloroethylene	0.10	0.15	J	ppbV	1	8/14/2009 12:47:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
Toluene	300	24		ppbV	160	8/15/2009 7:59:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
Trichloroethene	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/14/2009 12:47:00 AM
Vinyl chloride	0.19	0.15		ppbV	1	8/14/2009 12:47:00 AM
Surr: Bromofluorobenzene	94.0	70-130		%REC	10	8/14/2009 1:24:00 AM
Surr: Bromofluorobenzene	142	70-130	S	%REC	1	8/14/2009 12:47:00 AM
Surr: Bromofluorobenzene	100	70-130		%REC	40	8/14/2009 2:00:00 AM
Surr: Bromofluorobenzene	79.0	70-130		%REC	160	8/15/2009 7:59:00 AM

NOTES:
* Based on the chromatographic evidence, it appears that the contamination is from a fuel.
Surrogate reported in original analysis and dilutions.

Qualifiers:
** Reporting Limit
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
JN Non-routine analyte. Quantitation estimated.
S Spike Recovery outside accepted recovery limits
. Results reported are not blank corrected
E Value above quantitation range
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-1/S-8)
Date received: 7/14/09	Laboratory ID: 1180625
Date extracted: 7/15/09	Matrix: Soil
Date analyzed: 7/15/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5.17	<5.17	
1,1,1-TRICHLOROETHANE	71-55-6	5.17	<5.17	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.17	<5.17	
1,1,2-TRICHLOROETHANE	79-00-5	5.17	<5.17	
1,1-DICHLOROETHANE	75-34-3	5.17	<5.17	
1,1-DICHLOROETHENE	75-35-4	5.17	<5.17	
1,1-DICHLOROPROPENE	563-58-6	5.17	<5.17	
1,2,3-TRICHLOROBENZENE	87-61-6	5.17	<5.17	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5.17	<5.17	
1,2,4-TRICHLOROBENZENE	120-82-1	5.17	<5.17	
1,2,4-TRIMETHYLBENZENE	95-63-6	5.17	<5.17	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5.17	<5.17	
1,2-DIBROMOETHANE	106-93-4	5.17	<5.17	
1,2-DICHLOROBENZENE	95-50-1	5.17	<5.17	
1,2-DICHLOROETHANE	107-06-2	5.17	<5.17	
1,2-DICHLOROPROPANE	78-87-5	5.17	<5.17	
1,3,5-TRIMETHYLBENZENE	108-67-8	5.17	<5.17	
1,3-DICHLOROBENZENE	541-73-1	5.17	<5.17	
1,3-DICHLOROPROPANE	142-28-9	5.17	<5.17	
1,4-DICHLOROBENZENE	106-46-7	5.17	<5.17	
2,2-DICHLOROPROPANE	594-20-7	5.17	<5.17	
2-BUTANONE (MEK)	78-93-3	10.30	<10.30	
2-CHLOROETHYL VINYL ETHER	110-75-8	5.17	<5.17	
2-CHLOROTOLUENE	95-49-8	5.17	<5.17	
2-HEXANONE	591-78-6	5.17	<5.17	
4-CHLOROTOLUENE	106-43-4	5.17	<5.17	
ACETONE	67-64-1	51.70	<51.70	
BENZENE	71-43-2	5.17	<5.17	
BROMOBENZENE	108-86-1	5.17	<5.17	
BROMOCHLOROMETHANE	74-97-5	5.17	<5.17	
BROMODICHLOROMETHANE	75-27-4	5.17	<5.17	
BROMOFORM	75-25-2	5.17	<5.17	
BROMOMETHANE	74-83-9	5.17	<5.17	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

LONG ISLAND ANALYTICAL LABORATORIES INC.
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Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Soil Mechanics	Client ID: 09-090, Garden City (B-1/S-8)
Date received: 7/14/09	Laboratory ID: 1180625
Date extracted: 7/15/09	Matrix: Soil
Date analyzed: 7/15/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CARBON DISULFIDE	75-15-0	5.17	<5.17	
CARBON TETRACHLORIDE	56-23-5	5.17	<5.17	
CHLOROBENZENE	108-90-7	5.17	<5.17	
CHLOROETHANE	75-00-3	5.17	<5.17	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5.17	<5.17	
CHLOROFORM	67-66-3	5.17	<5.17	
CHLOROMETHANE	74-87-3	5.17	<5.17	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5.17	<5.17	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5.17	<5.17	
DIBROMOCHLOROMETHANE	124-48-1	5.17	<5.17	
DIBROMOMETHANE	74-95-3	5.17	<5.17	
DICHLORODIFLUOROMETHANE	75-71-8	5.17	<5.17	
ETHYLBENZENE	100-41-4	5.17	<5.17	
HEXACHLOROBUTADIENE	87-68-3	5.17	<5.17	
ISOPROPYLBENZENE	98-82-8	5.17	<5.17	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5.17	<5.17	
METHYLENE CHLORIDE	75-09-2	5.17	<5.17	
MTBE	1634-04-4	5.17	<5.17	
NAPHTHALENE	91-20-3	5.17	<5.17	
n-BUTYLBENZENE	104-51-8	5.17	<5.17	
n-PROPYLBENZENE	103-65-1	5.17	<5.17	
o-XYLENE	95-47-6	5.17	<5.17	
p&m-XYLENE	1330-20-7	10.30	<10.30	
p-ISOPROPYLTOLUENE	99-87-6	5.17	<5.17	
sec-BUTYLBENZENE	135-98-8	5.17	<5.17	
STYRENE	100-42-5	5.17	<5.17	
tert-BUTYLBENZENE	98-06-6	5.17	<5.17	
TETRACHLOROETHYLENE	127-18-4	5.17	<5.17	
TOLUENE	108-88-3	5.17	<5.17	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5.17	<5.17	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5.17	<5.17	
TRICHLOROETHYLENE	79-01-6	5.17	<5.17	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5.17	<5.17	
VINYL ACETATE	108-05-4	5.17	<5.17	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-1/S-8)
Date received: 7/14/09	Laboratory ID: 1180625
Date extracted: 7/16/09	Matrix: Soil
Date analyzed: 7/16/09	ELAP #: 11693

EPA METHOD 8270C

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	41.30	<41.30	4.B
1,2-DICHLOROBENZENE	95-50-1	41.30	<41.30	4.B
1,3-DICHLOROBENZENE	541-73-1	41.30	<41.30	4.B
1,4-DICHLOROBENZENE	106-46-7	41.30	<41.30	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	41.30	<41.30	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	41.30	<41.30	4.B
2,4-DICHLOROPHENOL	120-83-2	41.30	<41.30	4.B
2,4-DIMETHYPHENOL	105-67-9	41.30	<41.30	4.B
2,4-DINITROPHENOL	51-28-5	41.30	<41.30	4.B
2,4-DINITROTOLUENE	121-14-2	41.30	<41.30	4.B
2,6-DINITROTOLUENE	606-20-2	41.30	<41.30	4.B
2-CHLORONAPHTHALENE	91-58-7	41.30	<41.30	4.B
2-CHLOROPHENOL	95-57-8	41.30	<41.30	4.B
2-METHYLNAPHTHALENE	91-57-6	41.30	<41.30	4.B
2-METHYLPHENOL	95-48-7	41.30	<41.30	4.B
2-NITROANILINE	88-74-4	41.30	<41.30	4.B
2-NITROPHENOL	88-75-5	41.30	<41.30	4.B
3,3-DICHLOROBENZIDINE	91-94-1	41.30	<41.30	4.B
3+4-METHYLPHENOL	15831-10-4	41.30	<41.30	4.B
3-NITROANILINE	99-09-2	41.30	<41.30	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	41.30	<41.30	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	41.30	<41.30	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	41.30	<41.30	4.B
4-CHLOROANILINE	106-47-8	41.30	<41.30	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	41.30	<41.30	4.B
4-NITROANILINE	100-01-6	41.30	<41.30	4.B
4-NITROPHENOL	100-02-7	41.30	<41.30	4.B
ACENAPHTHENE	83-32-9	41.30	<41.30	4.B
ACENAPHTHYLENE	208-96-8	41.30	<41.30	4.B
ANILINE	62-53-3	41.30	<41.30	4.B
ANTHRACENE	120-12-7	41.30	<41.30	4.B
BENZO-a-ANTHRACENE	56-55-3	41.30	<41.30	4.B
BENZO-a-PYRENE	50-32-8	41.30	<41.30	4.B
BENZO-b-FLUORANTHENE	205-99-2	41.30	<41.30	4.B
BENZO-g,h,i-PERYLENE	191-24-2	41.30	<41.30	4.B
BENZO-k-FLUORANTHENE	207-08-9	41.30	<41.30	4.B

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-1/S-8)
Date received: 7/14/09	Laboratory ID: 1180625
Date extracted: 7/16/09	Matrix: Soil
Date analyzed: 7/16/09	ELAP #: 11693

EPA METHOD 8270C

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
BENZYL ALCOHOL	100-51-6	41.30	<41.30	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	41.30	<41.30	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	41.30	<41.30	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	41.30	<41.30	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	517	<517	
BUTYLBENZYLPHTHALATE	85-68-7	41.30	<41.30	4.B
CARBAZOLE	86-74-8	41.30	<41.30	4.B
CHRYSENE	218-01-9	41.30	<41.30	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	41.30	<41.30	4.B
DIBENZOFURAN	132-64-9	41.30	<41.30	4.B
DIETHYLPHTHALATE	84-66-2	41.30	<41.30	4.B
DIMETHYLPHTHALATE	131-11-3	41.30	<41.30	4.B
DI-n-BUTYLPHTHALATE	84-74-2	517	<517	
DI-n-OCTYLPHTHALATE	117-84-0	41.30	<41.30	4.B
FLUORANTHENE	206-44-0	41.30	<41.30	4.B
FLUORENE	86-73-7	41.30	<41.30	4.B
HEXACHLOROBENZENE	118-74-1	41.30	<41.30	4.B
HEXACHLOROBUTADIENE	87-68-3	41.30	<41.30	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	41.30	<41.30	4.B
HEXACHLOROETHANE	67-72-1	41.30	<41.30	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	41.30	<41.30	4.B
ISOPHORONE	78-59-1	41.30	<41.30	4.B
NAPHTHALENE	91-20-3	41.30	<41.30	4.B
NITROBENZENE	98-95-3	41.30	<41.30	4.B
n-NITROSODIMETHYLAMINE	62-75-9	41.30	<41.30	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	41.30	<41.30	4.B
n-NITROSODIPHENYLAMINE	86-30-6	41.30	<41.30	4.B
PENTACHLOROPHENOL	87-86-5	41.30	<41.30	4.B
PHENANTHRENE	85-01-8	41.30	<41.30	4.B
PHENOL	108-95-2	41.30	<41.30	4.B
PYRENE	129-00-0	41.30	<41.30	4.B

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Soil Mechanics	Client ID: 09-090, Garden City (B-1/S-8)
Date received: 7/14/09	Laboratory ID: 1180625
Date analyzed: See Below	Matrix: Soil

Priority Pollutant Metals

PARAMETER	MDL	DATE ANALYZED	RESULTS mg/kg	FLAG
SILVER, Ag	1.65 mg/kg	7/17/09	<1.65	
ALUMINUM, Al	1.65 mg/kg	7/17/09	1,471	
ARSENIC, As	1.65 mg/kg	7/17/09	<1.65	
BARIUM, Ba	3.33 mg/kg	7/17/09	<3.33	
BERYLLIUM, Be	1.65 mg/kg	7/17/09	<1.65	
CALCIUM, Ca	1.65 mg/kg	7/17/09	53.1	
CADMIUM, Cd	1.00 mg/kg	7/17/09	<1.00	
COBALT, Co	1.65 mg/kg	7/17/09	<1.65	
CHROMIUM, Cr	1.65 mg/kg	7/17/09	4.37	
COPPER, Cu	1.65 mg/kg	7/17/09	<1.65	
IRON, Fe	1.65 mg/kg	7/17/09	425	
MERCURY, Hg•	0.02 mg/kg	7/23/09	<0.020	
POTASSIUM, K	1.65 mg/kg	7/17/09	49.6	
MAGNESIUM, Mg	1.65 mg/kg	7/17/09	60.0	
MANGANESE, Mn	1.65 mg/kg	7/17/09	10.9	
SODIUM, Na	1.65 mg/kg	7/17/09	17.7	
NICKEL, Ni	1.65 mg/kg	7/17/09	<1.65	
LEAD, Pb	1.65 mg/kg	7/17/09	<1.65	
ANTIMONY, Sb	1.65 mg/kg	7/17/09	<1.65	
SELENIUM, Se	1.65 mg/kg	7/17/09	<1.65	
THALIUM, Tl	1.65 mg/kg	7/17/09	<1.65	
VANADIUM, V	1.65 mg/kg	7/17/09	<1.65	
ZINC, Zn	1.65 mg/kg	7/17/09	4.16	

MDL = Minimum Detection Limit. Calculated on a dry weight basis
Performed by SW-846 Method 6010
•Method: EPA 7471A

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-2/S-8)
Date received: 7/14/09	Laboratory ID: 1180626
Date extracted: 7/15/09	Matrix: Soil
Date analyzed: 7/15/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5.21	<5.21	
1,1,1-TRICHLOROETHANE	71-55-6	5.21	<5.21	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.21	<5.21	
1,1,2-TRICHLOROETHANE	79-00-5	5.21	<5.21	
1,1-DICHLOROETHANE	75-34-3	5.21	<5.21	
1,1-DICHLOROETHENE	75-35-4	5.21	<5.21	
1,1-DICHLOROPROPENE	563-58-6	5.21	<5.21	
1,2,3-TRICHLOROBENZENE	87-61-6	5.21	<5.21	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5.21	<5.21	
1,2,4-TRICHLOROBENZENE	120-82-1	5.21	<5.21	
1,2,4-TRIMETHYLBENZENE	95-63-6	5.21	<5.21	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5.21	<5.21	
1,2-DIBROMOETHANE	106-93-4	5.21	<5.21	
1,2-DICHLOROBENZENE	95-50-1	5.21	<5.21	
1,2-DICHLOROETHANE	107-06-2	5.21	<5.21	
1,2-DICHLOROPROPANE	78-87-5	5.21	<5.21	
1,3,5-TRIMETHYLBENZENE	108-67-8	5.21	<5.21	
1,3-DICHLOROBENZENE	541-73-1	5.21	<5.21	
1,3-DICHLOROPROPANE	142-28-9	5.21	<5.21	
1,4-DICHLOROBENZENE	106-46-7	5.21	<5.21	
2,2-DICHLOROPROPANE	594-20-7	5.21	<5.21	
2-BUTANONE (MEK)	78-93-3	10.40	<10.40	
2-CHLOROETHYL VINYL ETHER	110-75-8	5.21	<5.21	
2-CHLOROTOLUENE	95-49-8	5.21	<5.21	
2-HEXANONE	591-78-6	5.21	<5.21	
4-CHLOROTOLUENE	106-43-4	5.21	<5.21	
ACETONE	67-64-1	52.10	<52.10	
BENZENE	71-43-2	5.21	<5.21	
BROMOBENZENE	108-86-1	5.21	<5.21	
BROMOCHLOROMETHANE	74-97-5	5.21	<5.21	
BROMODICHLOROMETHANE	75-27-4	5.21	<5.21	
BROMOFORM	75-25-2	5.21	<5.21	
BROMOMETHANE	74-83-9	5.21	<5.21	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-2/S-8)
Date received: 7/14/09	Laboratory ID: 1180626
Date extracted: 7/15/09	Matrix: Soil
Date analyzed: 7/15/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CARBON DISULFIDE	75-15-0	5.21	<5.21	
CARBON TETRACHLORIDE	56-23-5	5.21	<5.21	
CHLOROBENZENE	108-90-7	5.21	<5.21	
CHLOROETHANE	75-00-3	5.21	<5.21	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5.21	<5.21	
CHLOROFORM	67-66-3	5.21	<5.21	
CHLOROMETHANE	74-87-3	5.21	<5.21	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5.21	<5.21	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5.21	<5.21	
DIBROMOCHLOROMETHANE	124-48-1	5.21	<5.21	
DIBROMOMETHANE	74-95-3	5.21	<5.21	
DICHLORODIFLUOROMETHANE	75-71-8	5.21	<5.21	
ETHYLBENZENE	100-41-4	5.21	<5.21	
HEXACHLOROBUTADIENE	87-68-3	5.21	<5.21	
ISOPROPYLBENZENE	98-82-8	5.21	<5.21	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5.21	<5.21	
METHYLENE CHLORIDE	75-09-2	5.21	<5.21	
MTBE	1634-04-4	5.21	<5.21	
NAPHTHALENE	91-20-3	5.21	<5.21	
n-BUTYLBENZENE	104-51-8	5.21	<5.21	
n-PROPYLBENZENE	103-65-1	5.21	<5.21	
o-XYLENE	95-47-6	5.21	<5.21	
p&m-XYLENE	1330-20-7	10.40	<10.40	
p-ISOPROPYLTOLUENE	99-87-6	5.21	<5.21	
sec-BUTYLBENZENE	135-98-8	5.21	<5.21	
STYRENE	100-42-5	5.21	<5.21	
tert-BUTYLBENZENE	98-06-6	5.21	<5.21	
TETRACHLOROETHYLENE	127-18-4	5.21	<5.21	
TOLUENE	108-88-3	5.21	<5.21	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5.21	<5.21	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5.21	<5.21	
TRICHLOROETHYLENE	79-01-6	5.21	<5.21	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5.21	<5.21	
VINYL ACETATE	108-05-4	5.21	<5.21	

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Date received: 7/14/09	Laboratory ID: 1180626
Date extracted: 7/16/09	Matrix: Soil
Date analyzed: 7/16/09	ELAP #: 11693

EPA METHOD 8270C

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	41.70	<41.70	4.B
1,2-DICHLOROBENZENE	95-50-1	41.70	<41.70	4.B
1,3-DICHLOROBENZENE	541-73-1	41.70	<41.70	4.B
1,4-DICHLOROBENZENE	106-46-7	41.70	<41.70	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	41.70	<41.70	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	41.70	<41.70	4.B
2,4-DICHLOROPHENOL	120-83-2	41.70	<41.70	4.B
2,4-DIMETHYPHENOL	105-67-9	41.70	<41.70	4.B
2,4-DINITROPHENOL	51-28-5	41.70	<41.70	4.B
2,4-DINITROTOLUENE	121-14-2	41.70	<41.70	4.B
2,6-DINITROTOLUENE	606-20-2	41.70	<41.70	4.B
2-CHLORONAPHTHALENE	91-58-7	41.70	<41.70	4.B
2-CHLOROPHENOL	95-57-8	41.70	<41.70	4.B
2-METHYLNAPHTHALENE	91-57-6	41.70	<41.70	4.B
2-METHYLPHENOL	95-48-7	41.70	<41.70	4.B
2-NITROANILINE	88-74-4	41.70	<41.70	4.B
2-NITROPHENOL	88-75-5	41.70	<41.70	4.B
3,3-DICHLOROBENZIDINE	91-94-1	41.70	<41.70	4.B
3+4-METHYLPHENOL	15831-10-4	41.70	<41.70	4.B
3-NITROANILINE	99-09-2	41.70	<41.70	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	41.70	<41.70	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	41.70	<41.70	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	41.70	<41.70	4.B
4-CHLOROANILINE	106-47-8	41.70	<41.70	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	41.70	<41.70	4.B
4-NITROANILINE	100-01-6	41.70	<41.70	4.B
4-NITROPHENOL	100-02-7	41.70	<41.70	4.B
ACENAPHTHENE	83-32-9	41.70	<41.70	4.B
ACENAPHTHYLENE	208-96-8	41.70	<41.70	4.B
ANILINE	62-53-3	41.70	<41.70	4.B
ANTHRACENE	120-12-7	41.70	<41.70	4.B
BENZO-a-ANTHRACENE	56-55-3	41.70	<41.70	4.B
BENZO-a-PYRENE	50-32-8	41.70	<41.70	4.B
BENZO-b-FLUOROANTHENE	205-99-2	41.70	<41.70	4.B
BENZO-g,h,i-PERYLENE	191-24-2	41.70	<41.70	4.B
BENZO-k-FLUOROANTHENE	207-08-9	41.70	<41.70	4.B

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-2/S-8)
Date received: 7/14/09	Laboratory ID: 1180626
Date extracted: 7/16/09	Matrix: Soil
Date analyzed: 7/16/09	ELAP #: 11693

EPA METHOD 8270C

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
BENZYL ALCOHOL	100-51-6	41.70	<41.70	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	41.70	<41.70	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	41.70	<41.70	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	41.70	<41.70	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	521	<521	
BUTYLBENZYLPHTHALATE	85-68-7	41.70	<41.70	4.B
CARBAZOLE	86-74-8	41.70	<41.70	4.B
CHRYSENE	218-01-9	41.70	<41.70	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	41.70	<41.70	4.B
DIBENZOFURAN	132-64-9	41.70	<41.70	4.B
DIETHYLPHTHALATE	84-66-2	41.70	<41.70	4.B
DIMETHYLPHTHALATE	131-11-3	41.70	<41.70	4.B
DI-n-BUTYLPHTHALATE	84-74-2	521	<521	
DI-n-OCTYLPHTHALATE	117-84-0	41.70	<41.70	4.B
FLUORANTHENE	206-44-0	41.70	<41.70	4.B
FLUORENE	86-73-7	41.70	<41.70	4.B
HEXACHLOROBENZENE	118-74-1	41.70	<41.70	4.B
HEXACHLOROBUTADIENE	87-68-3	41.70	<41.70	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	41.70	<41.70	4.B
HEXACHLOROETHANE	67-72-1	41.70	<41.70	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	41.70	<41.70	4.B
ISOPHORONE	78-59-1	41.70	<41.70	4.B
NAPHTHALENE	91-20-3	41.70	<41.70	4.B
NITROBENZENE	98-95-3	41.70	<41.70	4.B
n-NITROSODIMETHYLAMINE	62-75-9	41.70	<41.70	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	41.70	<41.70	4.B
n-NITROSODIPHENYLAMINE	86-30-6	41.70	<41.70	4.B
PENTACHLOROPHENOL	87-86-5	41.70	<41.70	4.B
PHENANTHRENE	85-01-8	41.70	<41.70	4.B
PHENOL	108-95-2	41.70	<41.70	4.B
PYRENE	129-00-0	41.70	<41.70	4.B

MDL = Minimum Detection Limit. Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-2/S-8)
Date received: 7/14/09	Laboratory ID: 1180626
Date analyzed: See Below	Matrix: Soil

Priority Pollutant Metals

PARAMETER	MDL	DATE ANALYZED	RESULTS mg/kg	FLAG
SILVER, Ag	1.65 mg/kg	7/17/09	<1.65	
ALUMINUM, Al	1.65 mg/kg	7/17/09	1,486	
ARSENIC, As	1.65 mg/kg	7/17/09	<1.65	
BARIUM, Ba	3.33 mg/kg	7/17/09	<3.33	
BERYLLIUM, Be	1.65 mg/kg	7/17/09	<1.65	
CALCIUM, Ca	1.65 mg/kg	7/17/09	26.6	
CADMIUM, Cd	1.00 mg/kg	7/17/09	<1.00	
COBALT, Co	1.65 mg/kg	7/17/09	<1.65	
CHROMIUM, Cr	1.65 mg/kg	7/17/09	1.76	
COPPER, Cu	1.65 mg/kg	7/17/09	<1.65	
IRON, Fe	1.65 mg/kg	7/17/09	1,192	
MERCURY, Hg•	0.02 mg/kg	7/23/09	<0.020	
POTASSIUM, K	1.65 mg/kg	7/17/09	61.0	
MAGNESIUM, Mg	1.65 mg/kg	7/17/09	74.5	
MANGANESE, Mn	1.65 mg/kg	7/17/09	63.6	
SODIUM, Na	1.65 mg/kg	7/17/09	6.91	
NICKEL, Ni	1.65 mg/kg	7/17/09	<1.65	
LEAD, Pb	1.65 mg/kg	7/17/09	<1.65	
ANTIMONY, Sb	1.65 mg/kg	7/17/09	<1.65	
SELENIUM, Se	1.65 mg/kg	7/17/09	<1.65	
THALIUM, Tl	1.65 mg/kg	7/17/09	<1.65	
VANADIUM, V	1.65 mg/kg	7/17/09	2.07	
ZINC, Zn	1.65 mg/kg	7/17/09	3.73	

MDL = Minimum Detection Limit. Calculated on a dry weight basis
Performed by SW-846 Method 6010
•Method: EPA 7471A

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-3/S-8)
Date received: 7/14/09	Laboratory ID: 1180627
Date extracted: 7/15/09	Matrix: Soil
Date analyzed: 7/15/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5.24	<5.24	
1,1,1-TRICHLOROETHANE	71-55-6	5.24	<5.24	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.24	<5.24	
1,1,2-TRICHLOROETHANE	79-00-5	5.24	<5.24	
1,1-DICHLOROETHANE	75-34-3	5.24	<5.24	
1,1-DICHLOROETHENE	75-35-4	5.24	<5.24	
1,1-DICHLOROPROPENE	563-58-6	5.24	<5.24	
1,2,3-TRICHLOROBENZENE	87-61-6	5.24	<5.24	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5.24	<5.24	
1,2,4-TRICHLOROBENZENE	120-82-1	5.24	<5.24	
1,2,4-TRIMETHYLBENZENE	95-63-6	5.24	<5.24	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5.24	<5.24	
1,2-DIBROMOETHANE	106-93-4	5.24	<5.24	
1,2-DICHLOROBENZENE	95-50-1	5.24	<5.24	
1,2-DICHLOROETHANE	107-06-2	5.24	<5.24	
1,2-DICHLOROPROPANE	78-87-5	5.24	<5.24	
1,3,5-TRIMETHYLBENZENE	108-67-8	5.24	<5.24	
1,3-DICHLOROBENZENE	541-73-1	5.24	<5.24	
1,3-DICHLOROPROPANE	142-28-9	5.24	<5.24	
1,4-DICHLOROBENZENE	106-46-7	5.24	<5.24	
2,2-DICHLOROPROPANE	594-20-7	5.24	<5.24	
2-BUTANONE (MEK)	78-93-3	10.50	<10.50	
2-CHLOROETHYL VINYL ETHER	110-75-8	5.24	<5.24	
2-CHLOROTOLUENE	95-49-8	5.24	<5.24	
2-HEXANONE	591-78-6	5.24	<5.24	
4-CHLOROTOLUENE	106-43-4	5.24	<5.24	
ACETONE	67-64-1	52.40	<52.40	
BENZENE	71-43-2	5.24	<5.24	
BROMOBENZENE	108-86-1	5.24	<5.24	
BROMOCHLOROMETHANE	74-97-5	5.24	<5.24	
BROMODICHLOROMETHANE	75-27-4	5.24	<5.24	
BROMOFORM	75-25-2	5.24	<5.24	
BROMOMETHANE	74-83-9	5.24	<5.24	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-3/S-8)
Date received: 7/14/09	Laboratory ID: 1180627
Date extracted: 7/15/09	Matrix: Soil
Date analyzed: 7/15/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CARBON DISULFIDE	75-15-0	5.24	<5.24	
CARBON TETRACHLORIDE	56-23-5	5.24	<5.24	
CHLOROBENZENE	108-90-7	5.24	<5.24	
CHLOROETHANE	75-00-3	5.24	<5.24	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5.24	<5.24	
CHLOROFORM	67-66-3	5.24	<5.24	
CHLOROMETHANE	74-87-3	5.24	<5.24	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5.24	<5.24	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5.24	<5.24	
DIBROMOCHLOROMETHANE	124-48-1	5.24	<5.24	
DIBROMOMETHANE	74-95-3	5.24	<5.24	
DICHLORODIFLUOROMETHANE	75-71-8	5.24	<5.24	
ETHYLBENZENE	100-41-4	5.24	<5.24	
HEXACHLOROBUTADIENE	87-68-3	5.24	<5.24	
ISOPROPYLBENZENE	98-82-8	5.24	<5.24	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5.24	<5.24	
METHYLENE CHLORIDE	75-09-2	5.24	<5.24	
MTBE	1634-04-4	5.24	<5.24	
NAPHTHALENE	91-20-3	5.24	<5.24	
n-BUTYLBENZENE	104-51-8	5.24	<5.24	
n-PROPYLBENZENE	103-65-1	5.24	<5.24	
o-XYLENE	95-47-6	5.24	<5.24	
p&m-XYLENE	1330-20-7	10.50	<10.50	
p-ISOPROPYLTOLUENE	99-87-6	5.24	<5.24	
sec-BUTYLBENZENE	135-98-8	5.24	<5.24	
STYRENE	100-42-5	5.24	<5.24	
tert-BUTYLBENZENE	98-06-6	5.24	<5.24	
TETRACHLOROETHYLENE	127-18-4	5.24	<5.24	
TOLUENE	108-88-3	5.24	<5.24	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5.24	<5.24	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5.24	<5.24	
TRICHLOROETHYLENE	79-01-6	5.24	<5.24	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5.24	<5.24	
VINYL ACETATE	108-05-4	5.24	<5.24	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Soil Mechanics	Client ID: 09-090, Garden City (B-3/S-8)
Date received: 7/14/09	Laboratory ID: 1180627
Date extracted: 7/16/09	Matrix: Soil
Date analyzed: 7/16/09	ELAP #: 11693

EPA METHOD 8270C

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	42	<42	4.B
1,2-DICHLOROBENZENE	95-50-1	42	<42	4.B
1,3-DICHLOROBENZENE	541-73-1	42	<42	4.B
1,4-DICHLOROBENZENE	106-46-7	42	<42	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	42	<42	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	42	<42	4.B
2,4-DICHLOROPHENOL	120-83-2	42	<42	4.B
2,4-DIMETHYPHENOL	105-67-9	42	<42	4.B
2,4-DINITROPHENOL	51-28-5	42	<42	4.B
2,4-DINITROTOLUENE	121-14-2	42	<42	4.B
2,6-DINITROTOLUENE	606-20-2	42	<42	4.B
2-CHLORONAPHTHALENE	91-58-7	42	<42	4.B
2-CHLOROPHENOL	95-57-8	42	<42	4.B
2-METHYLNAPHTHALENE	91-57-6	42	<42	4.B
2-METHYLPHENOL	95-48-7	42	<42	4.B
2-NITROANILINE	88-74-4	42	<42	4.B
2-NITROPHENOL	88-75-5	42	<42	4.B
3,3-DICHLOROBENZIDINE	91-94-1	42	<42	4.B
3+4-METHYLPHENOL	15831-10-4	42	<42	4.B
3-NITROANILINE	99-09-2	42	<42	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	42	<42	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	42	<42	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	42	<42	4.B
4-CHLOROANILINE	106-47-8	42	<42	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	42	<42	4.B
4-NITROANILINE	100-01-6	42	<42	4.B
4-NITROPHENOL	100-02-7	42	<42	4.B
ACENAPHTHENE	83-32-9	42	<42	4.B
ACENAPHTHYLENE	208-96-8	42	<42	4.B
ANILINE	62-53-3	42	<42	4.B
ANTHRACENE	120-12-7	42	<42	4.B
BENZO-a-ANTHRACENE	56-55-3	42	<42	4.B
BENZO-a-PYRENE	50-32-8	42	<42	4.B
BENZO-b-FLUORANTHENE	205-99-2	42	<42	4.B
BENZO-g,h,i-PERYLENE	191-24-2	42	<42	4.B
BENZO-k-FLUORANTHENE	207-08-9	42	<42	4.B

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Client: Soil Mechanics	Client ID: 09-090, Garden City (B-3/S-8)
Date received: 7/14/09	Laboratory ID: 1180627
Date extracted: 7/16/09	Matrix: Soil
Date analyzed: 7/16/09	ELAP #: 11693

EPA METHOD 8270C

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
BENZYL ALCOHOL	100-51-6	42	<42	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	42	<42	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	42	<42	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	42	<42	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	524	<524	
BUTYLBENZYLPHTHALATE	85-68-7	42	<42	4.B
CARBAZOLE	86-74-8	42	<42	4.B
CHRYSENE	218-01-9	42	<42	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	42	<42	4.B
DIBENZOFURAN	132-64-9	42	<42	4.B
DIETHYLPHTHALATE	84-66-2	42	<42	4.B
DIMETHYLPHTHALATE	131-11-3	42	<42	4.B
DI-n-BUTYLPHTHALATE	84-74-2	524	<524	
DI-n-OCTYLPHTHALATE	117-84-0	42	<42	4.B
FLUORANTHENE	206-44-0	42	<42	4.B
FLUORENE	86-73-7	42	<42	4.B
HEXACHLOROBENZENE	118-74-1	42	<42	4.B
HEXACHLOROBUTADIENE	87-68-3	42	<42	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	42	<42	4.B
HEXACHLOROETHANE	67-72-1	42	<42	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	42	<42	4.B
ISOPHORONE	78-59-1	42	<42	4.B
NAPHTHALENE	91-20-3	42	<42	4.B
NITROBENZENE	98-95-3	42	<42	4.B
n-NITROSODIMETHYLAMINE	62-75-9	42	<42	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	42	<42	4.B
n-NITROSODIPHENYLAMINE	86-30-6	42	<42	4.B
PENTACHLOROPHENOL	87-86-5	42	<42	4.B
PHENANTHRENE	85-01-8	42	<42	4.B
PHENOL	108-95-2	42	<42	4.B
PYRENE	129-00-0	42	<42	4.B

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Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-3/S-8)
Date received: 7/14/09	Laboratory ID: 1180627
Date analyzed: See Below	Matrix: Soil

Priority Pollutant Metals

PARAMETER	MDL	DATE ANALYZED	RESULTS mg/kg	FLAG
SILVER, Ag	1.65 mg/kg	7/17/09	<1.65	
ALUMINUM, Al	1.65 mg/kg	7/17/09	941	
ARSENIC, As	1.65 mg/kg	7/17/09	<1.65	
BARIUM, Ba	3.33 mg/kg	7/17/09	<3.33	
BERYLLIUM, Be	1.65 mg/kg	7/17/09	<1.65	
CALCIUM, Ca	1.65 mg/kg	7/17/09	39.8	
CADMIUM, Cd	1.00 mg/kg	7/17/09	<1.00	
COBALT, Co	1.65 mg/kg	7/17/09	<1.65	
CHROMIUM, Cr	1.65 mg/kg	7/17/09	<1.65	
COPPER, Cu	1.65 mg/kg	7/17/09	<1.65	
IRON, Fe	1.65 mg/kg	7/17/09	510	
MERCURY, Hg•	0.02 mg/kg	7/23/09	<0.020	
POTASSIUM, K	1.65 mg/kg	7/17/09	29.5	
MAGNESIUM, Mg	1.65 mg/kg	7/17/09	60.9	
MANGANESE, Mn	1.65 mg/kg	7/17/09	4.32	
SODIUM, Na	1.65 mg/kg	7/17/09	9.79	
NICKEL, Ni	1.65 mg/kg	7/17/09	<1.65	
LEAD, Pb	1.65 mg/kg	7/17/09	<1.65	
ANTIMONY, Sb	1.65 mg/kg	7/17/09	<1.65	
SELENIUM, Se	1.65 mg/kg	7/17/09	<1.65	
THALIUM, Tl	1.65 mg/kg	7/17/09	<1.65	
VANADIUM, V	1.65 mg/kg	7/17/09	1.99	
ZINC, Zn	1.65 mg/kg	7/17/09	4.03	

MDL = Minimum Detection Limit. Calculated on a dry weight basis
Performed by SW-846 Method 6010
•Method: EPA 7471A

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-4/S-9)
Date received: 7/14/09	Laboratory ID: 1180628
Date extracted: 7/15/09	Matrix: Soil
Date analyzed: 7/15/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5.11	<5.11	
1,1,1-TRICHLOROETHANE	71-55-6	5.11	<5.11	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.11	<5.11	
1,1,2-TRICHLOROETHANE	79-00-5	5.11	<5.11	
1,1-DICHLOROETHANE	75-34-3	5.11	<5.11	
1,1-DICHLOROETHENE	75-35-4	5.11	<5.11	
1,1-DICHLOROPROPENE	563-58-6	5.11	<5.11	
1,2,3-TRICHLOROBENZENE	87-61-6	5.11	<5.11	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5.11	<5.11	
1,2,4-TRICHLOROBENZENE	120-82-1	5.11	<5.11	
1,2,4-TRIMETHYLBENZENE	95-63-6	5.11	<5.11	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5.11	<5.11	
1,2-DIBROMOETHANE	106-93-4	5.11	<5.11	
1,2-DICHLOROBENZENE	95-50-1	5.11	<5.11	
1,2-DICHLOROETHANE	107-06-2	5.11	<5.11	
1,2-DICHLOROPROPANE	78-87-5	5.11	<5.11	
1,3,5-TRIMETHYLBENZENE	108-67-8	5.11	<5.11	
1,3-DICHLOROBENZENE	541-73-1	5.11	<5.11	
1,3-DICHLOROPROPANE	142-28-9	5.11	<5.11	
1,4-DICHLOROBENZENE	106-46-7	5.11	<5.11	
2,2-DICHLOROPROPANE	594-20-7	5.11	<5.11	
2-BUTANONE (MEK)	78-93-3	10.20	<10.20	
2-CHLOROETHYL VINYL ETHER	110-75-8	5.11	<5.11	
2-CHLOROTOLUENE	95-49-8	5.11	<5.11	
2-HEXANONE	591-78-6	5.11	<5.11	
4-CHLOROTOLUENE	106-43-4	5.11	<5.11	
ACETONE	67-64-1	51.10	<51.10	
BENZENE	71-43-2	5.11	<5.11	
BROMOBENZENE	108-86-1	5.11	<5.11	
BROMOCHLOROMETHANE	74-97-5	5.11	<5.11	
BROMODICHLOROMETHANE	75-27-4	5.11	<5.11	
BROMOFORM	75-25-2	5.11	<5.11	
BROMOMETHANE	74-83-9	5.11	<5.11	

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-4/S-9)
Date received: 7/14/09	Laboratory ID: 1180628
Date extracted: 7/15/09	Matrix: Soil
Date analyzed: 7/15/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CARBON DISULFIDE	75-15-0	5.11	<5.11	
CARBON TETRACHLORIDE	56-23-5	5.11	<5.11	
CHLOROBENZENE	108-90-7	5.11	<5.11	
CHLOROETHANE	75-00-3	5.11	<5.11	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5.11	<5.11	
CHLOROFORM	67-66-3	5.11	<5.11	
CHLOROMETHANE	74-87-3	5.11	<5.11	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5.11	<5.11	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5.11	<5.11	
DIBROMOCHLOROMETHANE	124-48-1	5.11	<5.11	
DIBROMOMETHANE	74-95-3	5.11	<5.11	
DICHLORODIFLUOROMETHANE	75-71-8	5.11	<5.11	
ETHYLBENZENE	100-41-4	5.11	<5.11	
HEXACHLOROBUTADIENE	87-68-3	5.11	<5.11	
ISOPROPYLBENZENE	98-82-8	5.11	<5.11	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5.11	<5.11	
METHYLENE CHLORIDE	75-09-2	5.11	<5.11	
MTBE	1634-04-4	5.11	<5.11	
NAPHTHALENE	91-20-3	5.11	<5.11	
n-BUTYLBENZENE	104-51-8	5.11	<5.11	
n-PROPYLBENZENE	103-65-1	5.11	<5.11	
o-XYLENE	95-47-6	5.11	<5.11	
p&m-XYLENE	1330-20-7	10.20	<10.20	
p-ISOPROPYLTOLUENE	99-87-6	5.11	<5.11	
sec-BUTYLBENZENE	135-98-8	5.11	<5.11	
STYRENE	100-42-5	5.11	<5.11	
tert-BUTYLBENZENE	98-06-6	5.11	<5.11	
TETRACHLOROETHYLENE	127-18-4	5.11	<5.11	
TOLUENE	108-88-3	5.11	<5.11	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5.11	<5.11	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5.11	<5.11	
TRICHLOROETHYLENE	79-01-6	5.11	<5.11	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5.11	<5.11	
VINYL ACETATE	108-05-4	5.11	<5.11	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-4/S-9)
Date received: 7/14/09	Laboratory ID: 1180628
Date extracted: 7/16/09	Matrix: Soil
Date analyzed: 7/16/09	ELAP #: 11693

EPA METHOD 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
bis(2-CHLOROETHYL)ETHER	111-44-4	40.90	<40.90	4.B
1,3-DICHLOROBENZENE	541-73-1	40.90	<40.90	4.B
1,4-DICHLOROBENZENE	106-46-7	40.90	<40.90	4.B
1,2-DICHLOROBENZENE	95-50-1	40.90	<40.90	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	40.90	<40.90	4.B
HEXACHLOROETHANE	67-72-1	40.90	<40.90	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	40.90	<40.90	4.B
NITROBENZENE	98-95-3	40.90	<40.90	4.B
ISOPHORONE	78-59-1	40.90	<40.90	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	40.90	<40.90	4.B
1,2,4-TRICHLOROBENZENE	120-82-1	40.90	<40.90	4.B
NAPHTHALENE	91-20-3	40.90	<40.90	4.B
HEXACHLOROBUTADIENE	87-68-3	40.90	<40.90	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	40.90	<40.90	4.B
2-CHLORONAPHTHALENE	91-58-7	40.90	<40.90	4.B
ACENAPHTHYLENE	208-96-8	40.90	<40.90	4.B
DIMETHYLPHTHALATE	131-11-3	40.90	<40.90	4.B
2,6-DINITROTOLUENE	606-20-2	40.90	<40.90	4.B
ACENAPHTHENE	83-32-9	40.90	<40.90	4.B
2,4-DINITROTOLUENE	121-14-2	40.90	<40.90	4.B
FLUORENE	86-73-7	40.90	<40.90	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	40.90	<40.90	4.B

MDL = Minimum Detection Limit.

Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-4/S-9)
Date received: 7/14/09	Laboratory ID: 1180628
Date extracted: 7/16/09	Matrix: Soil
Date analyzed: 7/16/09	ELAP #: 11693

EPA METHOD 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
DIETHYLPHTHALATE	84-66-2	40.90	<40.90	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	40.90	<40.90	4.B
HEXACHLOROBENZENE	118-74-1	40.90	<40.90	4.B
PHENANTHRENE	85-01-8	40.90	<40.90	4.B
ANTHRACENE	120-12-7	40.90	<40.90	4.B
DI-n-BUTYLPHTHALATE	84-74-2	511	<511	
FLUORANTHENE	206-44-0	40.90	<40.90	4.B
PYRENE	129-00-0	40.90	<40.90	4.B
BUTYLBENZYLPHTHALATE	85-68-7	40.90	<40.90	4.B
CHRYSENE	218-01-9	40.90	<40.90	4.B
BENZO-a-ANTHRACENE	56-55-3	40.90	<40.90	4.B
3,3-DICHLOROBENZIDINE	91-94-1	40.90	<40.90	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	511	<511	
DI-n-OCTYLPHTHALATE	117-84-0	40.90	<40.90	4.B
BENZO-b-FLUOROANTHENE	205-99-2	40.90	<40.90	4.B
BENZO-k-FLUOROANTHENE	207-08-9	40.90	<40.90	4.B
BENZO-a-PYRENE	50-32-8	40.90	<40.90	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	40.90	<40.90	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	40.90	<40.90	4.B
BENZO-g,h,i-PERYLENE	191-24-2	40.90	<40.90	4.B

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-5/S-6)
Date received: 7/14/09	Laboratory ID: 1180629
Date extracted: 7/15/09	Matrix: Soil
Date analyzed: 7/15/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5.76	<5.76	
1,1,1-TRICHLOROETHANE	71-55-6	5.76	<5.76	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.76	<5.76	
1,1,2-TRICHLOROETHANE	79-00-5	5.76	<5.76	
1,1-DICHLOROETHANE	75-34-3	5.76	<5.76	
1,1-DICHLOROETHENE	75-35-4	5.76	<5.76	
1,1-DICHLOROPROPENE	563-58-6	5.76	<5.76	
1,2,3-TRICHLOROBENZENE	87-61-6	5.76	<5.76	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5.76	<5.76	
1,2,4-TRICHLOROBENZENE	120-82-1	5.76	<5.76	
1,2,4-TRIMETHYLBENZENE	95-63-6	5.76	<5.76	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5.76	<5.76	
1,2-DIBROMOETHANE	106-93-4	5.76	<5.76	
1,2-DICHLOROBENZENE	95-50-1	5.76	<5.76	
1,2-DICHLOROETHANE	107-06-2	5.76	<5.76	
1,2-DICHLOROPROPANE	78-87-5	5.76	<5.76	
1,3,5-TRIMETHYLBENZENE	108-67-8	5.76	<5.76	
1,3-DICHLOROBENZENE	541-73-1	5.76	<5.76	
1,3-DICHLOROPROPANE	142-28-9	5.76	<5.76	
1,4-DICHLOROBENZENE	106-46-7	5.76	<5.76	
2,2-DICHLOROPROPANE	594-20-7	5.76	<5.76	
2-BUTANONE (MEK)	78-93-3	11.50	<11.50	
2-CHLOROETHYL VINYL ETHER	110-75-8	5.76	<5.76	
2-CHLOROTOLUENE	95-49-8	5.76	<5.76	
2-HEXANONE	591-78-6	5.76	<5.76	
4-CHLOROTOLUENE	106-43-4	5.76	<5.76	
ACETONE	67-64-1	57.60	<57.60	
BENZENE	71-43-2	5.76	<5.76	
BROMOBENZENE	108-86-1	5.76	<5.76	
BROMOCHLOROMETHANE	74-97-5	5.76	<5.76	
BROMODICHLOROMETHANE	75-27-4	5.76	<5.76	
BROMOFORM	75-25-2	5.76	<5.76	
BROMOMETHANE	74-83-9	5.76	<5.76	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-5/S-6)
Date received: 7/14/09	Laboratory ID: 1180629
Date extracted: 7/15/09	Matrix: Soil
Date analyzed: 7/15/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CARBON DISULFIDE	75-15-0	5.76	<5.76	
CARBON TETRACHLORIDE	56-23-5	5.76	<5.76	
CHLOROBENZENE	108-90-7	5.76	<5.76	
CHLOROETHANE	75-00-3	5.76	<5.76	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5.76	<5.76	
CHLOROFORM	67-66-3	5.76	<5.76	
CHLOROMETHANE	74-87-3	5.76	<5.76	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5.76	<5.76	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5.76	<5.76	
DIBROMOCHLOROMETHANE	124-48-1	5.76	<5.76	
DIBROMOMETHANE	74-95-3	5.76	<5.76	
DICHLORODIFLUOROMETHANE	75-71-8	5.76	<5.76	
ETHYLBENZENE	100-41-4	5.76	<5.76	
HEXACHLOROBUTADIENE	87-68-3	5.76	<5.76	
ISOPROPYLBENZENE	98-82-8	5.76	<5.76	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5.76	<5.76	
METHYLENE CHLORIDE	75-09-2	5.76	<5.76	
MTBE	1634-04-4	5.76	<5.76	
NAPHTHALENE	91-20-3	5.76	<5.76	
n-BUTYLBENZENE	104-51-8	5.76	<5.76	
n-PROPYLBENZENE	103-65-1	5.76	<5.76	
o-XYLENE	95-47-6	5.76	<5.76	
p&m-XYLENE	1330-20-7	11.50	<11.50	
p-ISOPROPYLTOLUENE	99-87-6	5.76	<5.76	
sec-BUTYLBENZENE	135-98-8	5.76	<5.76	
STYRENE	100-42-5	5.76	<5.76	
tert-BUTYLBENZENE	98-06-6	5.76	<5.76	
TETRACHLOROETHYLENE	127-18-4	5.76	<5.76	
TOLUENE	108-88-3	5.76	<5.76	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5.76	<5.76	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5.76	<5.76	
TRICHLOROETHYLENE	79-01-6	5.76	<5.76	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5.76	<5.76	
VINYL ACETATE	108-05-4	5.76	<5.76	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-5/S-6)
Date received: 7/14/09	Laboratory ID: 1180629
Date extracted: 7/16/09	Matrix: Soil
Date analyzed: 7/16/09	ELAP #: 11693

EPA METHOD 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
bis(2-CHLOROETHYL)ETHER	111-44-4	46.10	<46.10	4.B
1,3-DICHLOROBENZENE	541-73-1	46.10	<46.10	4.B
1,4-DICHLOROBENZENE	106-46-7	46.10	<46.10	4.B
1,2-DICHLOROBENZENE	95-50-1	46.10	<46.10	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	46.10	<46.10	4.B
HEXACHLOROETHANE	67-72-1	46.10	<46.10	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	46.10	<46.10	4.B
NITROBENZENE	98-95-3	46.10	<46.10	4.B
ISOPHORONE	78-59-1	46.10	<46.10	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	46.10	<46.10	4.B
1,2,4-TRICHLOROBENZENE	120-82-1	46.10	<46.10	4.B
NAPHTHALENE	91-20-3	46.10	<46.10	4.B
HEXACHLOROBUTADIENE	87-68-3	46.10	<46.10	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	46.10	<46.10	4.B
2-CHLORONAPHTHALENE	91-58-7	46.10	<46.10	4.B
ACENAPHTHYLENE	208-96-8	46.10	<46.10	4.B
DIMETHYLPHTHALATE	131-11-3	46.10	<46.10	4.B
2,6-DINITROTOLUENE	606-20-2	46.10	<46.10	4.B
ACENAPHTHENE	83-32-9	46.10	<46.10	4.B
2.4-DINITROTOLUENE	121-14-2	46.10	<46.10	4.B
FLUORENE	86-73-7	46.10	<46.10	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	46.10	<46.10	4.B

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-5/S-6)
Date received: 7/14/09	Laboratory ID: 1180629
Date extracted: 7/16/09	Matrix: Soil
Date analyzed: 7/16/09	ELAP #: 11693

EPA METHOD 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
DIETHYLPHTHALATE	84-66-2	46.10	<46.10	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	46.10	<46.10	4.B
HEXACHLOROBENZENE	118-74-1	46.10	<46.10	4.B
PHENANTHRENE	85-01-8	46.10	55.30	4.B
ANTHRACENE	120-12-7	46.10	<46.10	4.B
DI-n-BUTYLPHTHALATE	84-74-2	576	<576	
FLUORANTHENE	206-44-0	46.10	137	4.B
PYRENE	129-00-0	46.10	124	4.B
BUTYLBENZYLPHTHALATE	85-68-7	46.10	<46.10	4.B
CHRYSENE	218-01-9	46.10	109	4.B
BENZO-a-ANTHRACENE	56-55-3	46.10	84.50	4.B
3,3-DICHLOROBENZIDINE	91-94-1	46.10	<46.10	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	576	<576	
DI-n-OCTYLPHTHALATE	117-84-0	46.10	<46.10	4.B
BENZO-b-FLUORANTHENE	205-99-2	46.10	102	4.B
BENZO-k-FLUORANTHENE	207-08-9	46.10	96.80	4.B
BENZO-a-PYRENE	50-32-8	46.10	130	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	46.10	82.20	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	46.10	<46.10	4.B
BENZO-g,h,i-PERYLENE	191-24-2	46.10	69.10	4.B

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Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-6/S-9)
Date received: 7/14/09	Laboratory ID: 1180630
Date extracted: 7/15/09	Matrix: Soil
Date analyzed: 7/15/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5.28	<5.28	
1,1,1-TRICHLOROETHANE	71-55-6	5.28	<5.28	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.28	<5.28	
1,1,2-TRICHLOROETHANE	79-00-5	5.28	<5.28	
1,1-DICHLOROETHANE	75-34-3	5.28	<5.28	
1,1-DICHLOROETHENE	75-35-4	5.28	<5.28	
1,1-DICHLOROPROPENE	563-58-6	5.28	<5.28	
1,2,3-TRICHLOROBENZENE	87-61-6	5.28	<5.28	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5.28	<5.28	
1,2,4-TRICHLOROBENZENE	120-82-1	5.28	<5.28	
1,2,4-TRIMETHYLBENZENE	95-63-6	5.28	<5.28	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5.28	<5.28	
1,2-DIBROMOETHANE	106-93-4	5.28	<5.28	
1,2-DICHLOROBENZENE	95-50-1	5.28	<5.28	
1,2-DICHLOROETHANE	107-06-2	5.28	<5.28	
1,2-DICHLOROPROPANE	78-87-5	5.28	<5.28	
1,3,5-TRIMETHYLBENZENE	108-67-8	5.28	<5.28	
1,3-DICHLOROBENZENE	541-73-1	5.28	<5.28	
1,3-DICHLOROPROPANE	142-28-9	5.28	<5.28	
1,4-DICHLOROBENZENE	106-46-7	5.28	<5.28	
2,2-DICHLOROPROPANE	594-20-7	5.28	<5.28	
2-BUTANONE (MEK)	78-93-3	10.60	<10.60	
2-CHLOROETHYL VINYL ETHER	110-75-8	5.28	<5.28	
2-CHLOROTOLUENE	95-49-8	5.28	<5.28	
2-HEXANONE	591-78-6	5.28	<5.28	
4-CHLOROTOLUENE	106-43-4	5.28	<5.28	
ACETONE	67-64-1	52.80	<52.80	
BENZENE	71-43-2	5.28	<5.28	
BROMOBENZENE	108-86-1	5.28	<5.28	
BROMOCHLOROMETHANE	74-97-5	5.28	<5.28	
BROMODICHLOROMETHANE	75-27-4	5.28	<5.28	
BROMOFORM	75-25-2	5.28	<5.28	
BROMOMETHANE	74-83-9	5.28	<5.28	

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-6/S-9)
Date received: 7/14/09	Laboratory ID: 1180630
Date extracted: 7/15/09	Matrix: Soil
Date analyzed: 7/15/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CARBON DISULFIDE	75-15-0	5.28	<5.28	
CARBON TETRACHLORIDE	56-23-5	5.28	<5.28	
CHLOROBENZENE	108-90-7	5.28	<5.28	
CHLOROETHANE	75-00-3	5.28	<5.28	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5.28	<5.28	
CHLOROFORM	67-66-3	5.28	<5.28	
CHLOROMETHANE	74-87-3	5.28	<5.28	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5.28	<5.28	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5.28	<5.28	
DIBROMOCHLOROMETHANE	124-48-1	5.28	<5.28	
DIBROMOMETHANE	74-95-3	5.28	<5.28	
DICHLORODIFLUOROMETHANE	75-71-8	5.28	<5.28	
ETHYLBENZENE	100-41-4	5.28	<5.28	
HEXACHLOROBUTADIENE	87-68-3	5.28	<5.28	
ISOPROPYLBENZENE	98-82-8	5.28	<5.28	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5.28	<5.28	
METHYLENE CHLORIDE	75-09-2	5.28	<5.28	
MTBE	1634-04-4	5.28	<5.28	
NAPHTHALENE	91-20-3	5.28	<5.28	
n-BUTYLBENZENE	104-51-8	5.28	<5.28	
n-PROPYLBENZENE	103-65-1	5.28	<5.28	
o-XYLENE	95-47-6	5.28	<5.28	
p&m-XYLENE	1330-20-7	10.60	<10.60	
p-ISOPROPYLTOLUENE	99-87-6	5.28	<5.28	
sec-BUTYLBENZENE	135-98-8	5.28	<5.28	
STYRENE	100-42-5	5.28	<5.28	
tert-BUTYLBENZENE	98-06-6	5.28	<5.28	
TETRACHLOROETHYLENE	127-18-4	5.28	<5.28	
TOLUENE	108-88-3	5.28	<5.28	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5.28	<5.28	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5.28	<5.28	
TRICHLOROETHYLENE	79-01-6	5.28	<5.28	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5.28	<5.28	
VINYL ACETATE	108-05-4	5.28	<5.28	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-6/S-9)
Date received: 7/14/09	Laboratory ID: 1180630
Date extracted: 7/16/09	Matrix: Soil
Date analyzed: 7/16/09	ELAP #: 11693

EPA METHOD 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
bis(2-CHLOROETHYL)ETHER	111-44-4	42.30	<42.30	4,B
1,3-DICHLOROBENZENE	541-73-1	42.30	<42.30	4,B
1,4-DICHLOROBENZENE	106-46-7	42.30	<42.30	4,B
1,2-DICHLOROBENZENE	95-50-1	42.30	<42.30	4,B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	42.30	<42.30	4,B
HEXACHLOROETHANE	67-72-1	42.30	<42.30	4,B
n-NITROSODI-n-PROPYLAMINE	621-64-7	42.30	<42.30	4,B
NITROBENZENE	98-95-3	42.30	<42.30	4,B
ISOPHORONE	78-59-1	42.30	<42.30	4,B
bis(2-CHLOROETHOXY)METHANE	111-91-1	42.30	<42.30	4,B
1,2,4-TRICHLOROBENZENE	120-82-1	42.30	<42.30	4,B
NAPHTHALENE	91-20-3	42.30	<42.30	4,B
HEXACHLOROBUTADIENE	87-68-3	42.30	<42.30	4,B
HEXACHLOROCYCLOPENTADIENE	77-47-4	42.30	<42.30	4,B
2-CHLORONAPHTHALENE	91-58-7	42.30	<42.30	4,B
ACENAPHTHYLENE	208-96-8	42.30	<42.30	4,B
DIMETHYLPHTHALATE	131-11-3	42.30	101	4,B
2,6-DINITROTOLUENE	606-20-2	42.30	<42.30	4,B
ACENAPHTHENE	83-32-9	42.30	<42.30	4,B
2,4-DINITROTOLUENE	121-14-2	42.30	<42.30	4,B
FLUORENE	86-73-7	42.30	<42.30	4,B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	42.30	<42.30	4,B

MDL = Minimum Detection Limit. Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-6/S-9)
Date received: 7/14/09	Laboratory ID: 1180630
Date extracted: 7/16/09	Matrix: Soil
Date analyzed: 7/16/09	ELAP #: 11693

EPA METHOD 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
DIETHYLPHTHALATE	84-66-2	42.30	<42.30	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	42.30	<42.30	4.B
HEXACHLOROBENZENE	118-74-1	42.30	<42.30	4.B
PHENANTHRENE	85-01-8	42.30	<42.30	4.B
ANTHRACENE	120-12-7	42.30	<42.30	4.B
DI-n-BUTYLPHTHALATE	84-74-2	528	<528	
FLUORANTHENE	206-44-0	42.30	<42.30	4.B
PYRENE	129-00-0	42.30	<42.30	4.B
BUTYLBENZYLPHTHALATE	85-68-7	42.30	<42.30	4.B
CHRYSENE	218-01-9	42.30	<42.30	4.B
BENZO-a-ANTHRACENE	56-55-3	42.30	<42.30	4.B
3,3-DICHLOROBENZIDINE	91-94-1	42.30	<42.30	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	528	<528	
DI-n-OCTYLPHTHALATE	117-84-0	42.30	<42.30	4.B
BENZO-b-FLUOROANTHENE	205-99-2	42.30	<42.30	4.B
BENZO-k-FLUOROANTHENE	207-08-9	42.30	<42.30	4.B
BENZO-a-PYRENE	50-32-8	42.30	<42.30	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	42.30	<42.30	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	42.30	<42.30	4.B
BENZO-g,h,i-PERYLENE	191-24-2	42.30	<42.30	4.B

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

Client: Soil Mechanics	Client ID: 09-090, Garden City (B-7/S-9)
Date received: 7/14/09	Laboratory ID: 1180631
Date extracted: 7/15/09	Matrix: Soil
Date analyzed: 7/15/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5.19	<5.19	
1,1,1-TRICHLOROETHANE	71-55-6	5.19	<5.19	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.19	<5.19	
1,1,2-TRICHLOROETHANE	79-00-5	5.19	<5.19	
1,1-DICHLOROETHANE	75-34-3	5.19	<5.19	
1,1-DICHLOROETHENE	75-35-4	5.19	<5.19	
1,1-DICHLOROPROPENE	563-58-6	5.19	<5.19	
1,2,3-TRICHLOROBENZENE	87-61-6	5.19	<5.19	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5.19	<5.19	
1,2,4-TRICHLOROBENZENE	120-82-1	5.19	<5.19	
1,2,4-TRIMETHYLBENZENE	95-63-6	5.19	<5.19	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5.19	<5.19	
1,2-DIBROMOETHANE	106-93-4	5.19	<5.19	
1,2-DICHLOROBENZENE	95-50-1	5.19	<5.19	
1,2-DICHLOROETHANE	107-06-2	5.19	<5.19	
1,2-DICHLOROPROPANE	78-87-5	5.19	<5.19	
1,3,5-TRIMETHYLBENZENE	108-67-8	5.19	<5.19	
1,3-DICHLOROBENZENE	541-73-1	5.19	<5.19	
1,3-DICHLOROPROPANE	142-28-9	5.19	<5.19	
1,4-DICHLOROBENZENE	106-46-7	5.19	<5.19	
2,2-DICHLOROPROPANE	594-20-7	5.19	<5.19	
2-BUTANONE (MEK)	78-93-3	10.40	<10.40	
2-CHLOROETHYL VINYL ETHER	110-75-8	5.19	<5.19	
2-CHLOROTOLUENE	95-49-8	5.19	<5.19	
2-HEXANONE	591-78-6	5.19	<5.19	
4-CHLOROTOLUENE	106-43-4	5.19	<5.19	
ACETONE	67-64-1	51.90	<51.90	
BENZENE	71-43-2	5.19	<5.19	
BROMOBENZENE	108-86-1	5.19	<5.19	
BROMOCHLOROMETHANE	74-97-5	5.19	<5.19	
BROMODICHLOROMETHANE	75-27-4	5.19	<5.19	
BROMOFORM	75-25-2	5.19	<5.19	
BROMOMETHANE	74-83-9	5.19	<5.19	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-7/S-9)
Date received: 7/14/09	Laboratory ID: 1180631
Date extracted: 7/15/09	Matrix: Soil
Date analyzed: 7/15/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CARBON DISULFIDE	75-15-0	5.19	<5.19	
CARBON TETRACHLORIDE	56-23-5	5.19	<5.19	
CHLOROBENZENE	108-90-7	5.19	<5.19	
CHLOROETHANE	75-00-3	5.19	<5.19	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5.19	<5.19	
CHLOROFORM	67-66-3	5.19	<5.19	
CHLOROMETHANE	74-87-3	5.19	<5.19	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5.19	<5.19	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5.19	<5.19	
DIBROMOCHLOROMETHANE	124-48-1	5.19	<5.19	
DIBROMOMETHANE	74-95-3	5.19	<5.19	
DICHLORODIFLUOROMETHANE	75-71-8	5.19	<5.19	
ETHYLBENZENE	100-41-4	5.19	<5.19	
HEXACHLOROBUTADIENE	87-68-3	5.19	<5.19	
ISOPROPYLBENZENE	98-82-8	5.19	<5.19	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5.19	<5.19	
METHYLENE CHLORIDE	75-09-2	5.19	<5.19	
MTBE	1634-04-4	5.19	<5.19	
NAPHTHALENE	91-20-3	5.19	<5.19	
n-BUTYLBENZENE	104-51-8	5.19	<5.19	
n-PROPYLBENZENE	103-65-1	5.19	<5.19	
o-XYLENE	95-47-6	5.19	<5.19	
p&m-XYLENE	1330-20-7	10.40	<10.40	
p-ISOPROPYLTOLUENE	99-87-6	5.19	<5.19	
sec-BUTYLBENZENE	135-98-8	5.19	<5.19	
STYRENE	100-42-5	5.19	<5.19	
tert-BUTYLBENZENE	98-06-6	5.19	<5.19	
TETRACHLOROETHYLENE	127-18-4	5.19	<5.19	
TOLUENE	108-88-3	5.19	<5.19	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5.19	<5.19	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5.19	<5.19	
TRICHLOROETHYLENE	79-01-6	5.19	<5.19	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5.19	<5.19	
VINYL ACETATE	108-05-4	5.19	<5.19	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-7/S-9)
Date received: 7/14/09	Laboratory ID: 1180631
Date extracted: 7/16/09	Matrix: Soil
Date analyzed: 7/16/09	ELAP #: 11693

EPA METHOD 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
bis(2-CHLOROETHYL)ETHER	111-44-4	41.50	<41.50	4,B
1,3-DICHLOROBENZENE	541-73-1	41.50	<41.50	4,B
1,4-DICHLOROBENZENE	106-46-7	41.50	<41.50	4,B
1,2-DICHLOROBENZENE	95-50-1	41.50	<41.50	4,B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	41.50	<41.50	4,B
HEXACHLOROETHANE	67-72-1	41.50	<41.50	4,B
n-NITROSODI-n-PROPYLAMINE	621-64-7	41.50	<41.50	4,B
NITROBENZENE	98-95-3	41.50	<41.50	4,B
ISOPHORONE	78-59-1	41.50	<41.50	4,B
bis(2-CHLOROETHOXY)METHANE	111-91-1	41.50	<41.50	4,B
1,2,4-TRICHLOROBENZENE	120-82-1	41.50	<41.50	4,B
NAPHTHALENE	91-20-3	41.50	<41.50	4,B
HEXACHLOROBUTADIENE	87-68-3	41.50	<41.50	4,B
HEXACHLOROCYCLOPENTADIENE	77-47-4	41.50	<41.50	4,B
2-CHLORONAPHTHALENE	91-58-7	41.50	<41.50	4,B
ACENAPHTHYLENE	208-96-8	41.50	<41.50	4,B
DIMETHYLPHTHALATE	131-11-3	41.50	<41.50	4,B
2,6-DINITROTOLUENE	606-20-2	41.50	<41.50	4,B
ACENAPHTHENE	83-32-9	41.50	<41.50	4,B
2,4-DINITROTOLUENE	121-14-2	41.50	<41.50	4,B
FLUORENE	86-73-7	41.50	<41.50	4,B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	41.50	<41.50	4,B

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-7/S-9)
Date received: 7/14/09	Laboratory ID: 1180631
Date extracted: 7/16/09	Matrix: Soil
Date analyzed: 7/16/09	ELAP #: 11693

EPA METHOD 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
DIETHYLPHTHALATE	84-66-2	41.50	<41.50	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	41.50	<41.50	4.B
HEXACHLOROBENZENE	118-74-1	41.50	<41.50	4.B
PHENANTHRENE	85-01-8	41.50	<41.50	4.B
ANTHRACENE	120-12-7	41.50	<41.50	4.B
DI-n-BUTYLPHTHALATE	84-74-2	519	<519	
FLUORANTHENE	206-44-0	41.50	<41.50	4.B
PYRENE	129-00-0	41.50	<41.50	4.B
BUTYLBENZYLPHTHALATE	85-68-7	41.50	<41.50	4.B
CHRYSENE	218-01-9	41.50	<41.50	4.B
BENZO-a-ANTHRACENE	56-55-3	41.50	<41.50	4.B
3,3-DICHLOROBENZIDINE	91-94-1	41.50	<41.50	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	519	<519	
DI-n-OCTYLPHTHALATE	117-84-0	41.50	<41.50	4.B
BENZO-b-FLUOROANTHENE	205-99-2	41.50	<41.50	4.B
BENZO-k-FLUOROANTHENE	207-08-9	41.50	<41.50	4.B
BENZO-a-PYRENE	50-32-8	41.50	<41.50	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	41.50	<41.50	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	41.50	<41.50	4.B
BENZO-g,h,i-PERYLENE	191-24-2	41.50	<41.50	4.B

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-8/S-10)
Date received: 7/14/09	Laboratory ID: 1180632
Date extracted: 7/15/09	Matrix: Soil
Date analyzed: 7/15/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5.16	<5.16	
1,1,1-TRICHLOROETHANE	71-55-6	5.16	<5.16	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.16	<5.16	
1,1,2-TRICHLOROETHANE	79-00-5	5.16	<5.16	
1,1-DICHLOROETHANE	75-34-3	5.16	<5.16	
1,1-DICHLOROETHENE	75-35-4	5.16	<5.16	
1,1-DICHLOROPROPENE	563-58-6	5.16	<5.16	
1,2,3-TRICHLOROBENZENE	87-61-6	5.16	<5.16	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5.16	<5.16	
1,2,4-TRICHLOROBENZENE	120-82-1	5.16	<5.16	
1,2,4-TRIMETHYLBENZENE	95-63-6	5.16	<5.16	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5.16	<5.16	
1,2-DIBROMOETHANE	106-93-4	5.16	<5.16	
1,2-DICHLOROBENZENE	95-50-1	5.16	<5.16	
1,2-DICHLOROETHANE	107-06-2	5.16	<5.16	
1,2-DICHLOROPROPANE	78-87-5	5.16	<5.16	
1,3,5-TRIMETHYLBENZENE	108-67-8	5.16	<5.16	
1,3-DICHLOROBENZENE	541-73-1	5.16	<5.16	
1,3-DICHLOROPROPANE	142-28-9	5.16	<5.16	
1,4-DICHLOROBENZENE	106-46-7	5.16	<5.16	
2,2-DICHLOROPROPANE	594-20-7	5.16	<5.16	
2-BUTANONE (MEK)	78-93-3	10.30	<10.30	
2-CHLOROETHYL VINYL ETHER	110-75-8	5.16	<5.16	
2-CHLOROTOLUENE	95-49-8	5.16	<5.16	
2-HEXANONE	591-78-6	5.16	<5.16	
4-CHLOROTOLUENE	106-43-4	5.16	<5.16	
ACETONE	67-64-1	51.60	<51.60	
BENZENE	71-43-2	5.16	<5.16	
BROMOBENZENE	108-86-1	5.16	<5.16	
BROMOCHLOROMETHANE	74-97-5	5.16	<5.16	
BROMODICHLOROMETHANE	75-27-4	5.16	<5.16	
BROMOFORM	75-25-2	5.16	<5.16	
BROMOMETHANE	74-83-9	5.16	<5.16	

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Date received: 7/14/09	Laboratory ID: 1180632
Date extracted: 7/15/09	Matrix: Soil
Date analyzed: 7/15/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CARBON DISULFIDE	75-15-0	5.16	<5.16	
CARBON TETRACHLORIDE	56-23-5	5.16	<5.16	
CHLOROBENZENE	108-90-7	5.16	<5.16	
CHLOROETHANE	75-00-3	5.16	<5.16	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5.16	<5.16	
CHLOROFORM	67-66-3	5.16	<5.16	
CHLOROMETHANE	74-87-3	5.16	<5.16	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5.16	<5.16	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5.16	<5.16	
DIBROMOCHLOROMETHANE	124-48-1	5.16	<5.16	
DIBROMOMETHANE	74-95-3	5.16	<5.16	
DICHLORODIFLUOROMETHANE	75-71-8	5.16	<5.16	
ETHYLBENZENE	100-41-4	5.16	<5.16	
HEXACHLOROBUTADIENE	87-68-3	5.16	<5.16	
ISOPROPYLBENZENE	98-82-8	5.16	<5.16	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5.16	<5.16	
METHYLENE CHLORIDE	75-09-2	5.16	<5.16	
MTBE	1634-04-4	5.16	<5.16	
NAPHTHALENE	91-20-3	5.16	<5.16	
n-BUTYLBENZENE	104-51-8	5.16	<5.16	
n-PROPYLBENZENE	103-65-1	5.16	<5.16	
o-XYLENE	95-47-6	5.16	<5.16	
p&m-XYLENE	1330-20-7	10.30	<10 30	
p-ISOPROPYLTOLUENE	99-87-6	5.16	<5.16	
sec-BUTYLBENZENE	135-98-8	5.16	<5.16	
STYRENE	100-42-5	5.16	<5.16	
tert-BUTYLBENZENE	98-06-6	5.16	<5.16	
TETRACHLOROETHYLENE	127-18-4	5.16	<5.16	
TOLUENE	108-88-3	5.16	<5.16	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5.16	<5.16	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5.16	<5.16	
TRICHLOROETHYLENE	79-01-6	5.16	<5.16	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5.16	<5.16	
VINYL ACETATE	108-05-4	5.16	<5.16	

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Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-8/S-10)
Date received: 7/14/09	Laboratory ID: 1180632
Date extracted: 7/16/09	Matrix: Soil
Date analyzed: 7/16/09	ELAP #: 11693

EPA METHOD 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
bis(2-CHLOROETHYL)ETHER	111-44-4	41.30	<41.30	4.B
1,3-DICHLOROBENZENE	541-73-1	41.30	<41.30	4.B
1,4-DICHLOROBENZENE	106-46-7	41.30	<41.30	4.B
1,2-DICHLOROBENZENE	95-50-1	41.30	<41.30	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	41.30	<41.30	4.B
HEXACHLOROETHANE	67-72-1	41.30	<41.30	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	41.30	<41.30	4.B
NITROBENZENE	98-95-3	41.30	<41.30	4.B
ISOPHORONE	78-59-1	41.30	<41.30	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	41.30	<41.30	4.B
1,2,4-TRICHLOROBENZENE	120-82-1	41.30	<41.30	4.B
NAPHTHALENE	91-20-3	41.30	<41.30	4.B
HEXACHLOROBUTADIENE	87-68-3	41.30	<41.30	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	41.30	<41.30	4.B
2-CHLORONAPHTHALENE	91-58-7	41.30	<41.30	4.B
ACENAPHTHYLENE	208-96-8	41.30	<41.30	4.B
DIMETHYLPHTHALATE	131-11-3	41.30	<41.30	4.B
2,6-DINITROTOLUENE	606-20-2	41.30	<41.30	4.B
ACENAPHTHENE	83-32-9	41.30	<41.30	4.B
2,4-DINITROTOLUENE	121-14-2	41.30	<41.30	4.B
FLUORENE	86-73-7	41.30	<41.30	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	41.30	<41.30	4.B

MDL = Minimum Detection Limit. Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-8/S-10)
Date received: 7/14/09	Laboratory ID: 1180632
Date extracted: 7/16/09	Matrix: Soil
Date analyzed: 7/16/09	ELAP #: 11693

EPA METHOD 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
DIETHYLPHTHALATE	84-66-2	41.30	<41.30	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	41.30	<41.30	4.B
HEXACHLOROBENZENE	118-74-1	41.30	<41.30	4.B
PHENANTHRENE	85-01-8	41.30	<41.30	4.B
ANTHRACENE	120-12-7	41.30	<41.30	4.B
DI-n-BUTYLPHTHALATE	84-74-2	516	<516	
FLUORANTHENE	206-44-0	41.30	<41.30	4.B
PYRENE	129-00-0	41.30	<41.30	4.B
BUTYLBENZYLPHTHALATE	85-68-7	41.30	<41.30	4.B
CHRYSENE	218-01-9	41.30	<41.30	4.B
BENZO-a-ANTHRACENE	56-55-3	41.30	<41.30	4.B
3,3-DICHLOROBENZIDINE	91-94-1	41.30	<41.30	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	516	<516	
DI-n-OCTYLPHTHALATE	117-84-0	41.30	<41.30	4.B
BENZO-b-FLUOROANTHENE	205-99-2	41.30	<41.30	4.B
BENZO-k-FLUOROANTHENE	207-08-9	41.30	<41.30	4.B
BENZO-a-PYRENE	50-32-8	41.30	<41.30	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	41.30	<41.30	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	41.30	<41.30	4.B
BENZO-g,h,i-PERYLENE	191-24-2	41.30	<41.30	4.B

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-9/S-10)
Date received: 7/14/09	Laboratory ID: 1180633
Date extracted: 7/15/09	Matrix: Soil
Date analyzed: 7/15/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5.22	<5.22	
1,1,1-TRICHLOROETHANE	71-55-6	5.22	<5.22	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.22	<5.22	
1,1,2-TRICHLOROETHANE	79-00-5	5.22	<5.22	
1,1-DICHLOROETHANE	75-34-3	5.22	<5.22	
1,1-DICHLOROETHENE	75-35-4	5.22	<5.22	
1,1-DICHLOROPROPENE	563-58-6	5.22	<5.22	
1,2,3-TRICHLOROBENZENE	87-61-6	5.22	<5.22	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5.22	<5.22	
1,2,4-TRICHLOROBENZENE	120-82-1	5.22	<5.22	
1,2,4-TRIMETHYLBENZENE	95-63-6	5.22	<5.22	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5.22	<5.22	
1,2-DIBROMOETHANE	106-93-4	5.22	<5.22	
1,2-DICHLOROBENZENE	95-50-1	5.22	<5.22	
1,2-DICHLOROETHANE	107-06-2	5.22	<5.22	
1,2-DICHLOROPROPANE	78-87-5	5.22	<5.22	
1,3,5-TRIMETHYLBENZENE	108-67-8	5.22	<5.22	
1,3-DICHLOROBENZENE	541-73-1	5.22	<5.22	
1,3-DICHLOROPROPANE	142-28-9	5.22	<5.22	
1,4-DICHLOROBENZENE	106-46-7	5.22	<5.22	
2,2-DICHLOROPROPANE	594-20-7	5.22	<5.22	
2-BUTANONE (MEK)	78-93-3	10.40	<10.40	
2-CHLOROETHYL VINYL ETHER	110-75-8	5.22	<5.22	
2-CHLOROTOLUENE	95-49-8	5.22	<5.22	
2-HEXANONE	591-78-6	5.22	<5.22	
4-CHLOROTOLUENE	106-43-4	5.22	<5.22	
ACETONE	67-64-1	52.20	<52.20	
BENZENE	71-43-2	5.22	<5.22	
BROMOBENZENE	108-86-1	5.22	<5.22	
BROMOCHLOROMETHANE	74-97-5	5.22	<5.22	
BROMODICHLOROMETHANE	75-27-4	5.22	<5.22	
BROMOFORM	75-25-2	5.22	<5.22	
BROMOMETHANE	74-83-9	5.22	<5.22	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-9/S-10)
Date received: 7/14/09	Laboratory ID: 1180633
Date extracted: 7/15/09	Matrix: Soil
Date analyzed: 7/15/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CARBON DISULFIDE	75-15-0	5.22	<5.22	
CARBON TETRACHLORIDE	56-23-5	5.22	<5.22	
CHLOROBENZENE	108-90-7	5.22	<5.22	
CHLOROETHANE	75-00-3	5.22	<5.22	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5.22	<5.22	
CHLOROFORM	67-66-3	5.22	<5.22	
CHLOROMETHANE	74-87-3	5.22	<5.22	
cis[Z]-1.2DICHLOROETHENE	156-59-2	5.22	<5.22	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5.22	<5.22	
DIBROMOCHLOROMETHANE	124-48-1	5.22	<5.22	
DIBROMOMETHANE	74-95-3	5.22	<5.22	
DICHLORODIFLUOROMETHANE	75-71-8	5.22	<5.22	
ETHYLBENZENE	100-41-4	5.22	<5.22	
HEXACHLOROBUTADIENE	87-68-3	5.22	<5.22	
ISOPROPYLBENZENE	98-82-8	5.22	<5.22	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5.22	<5.22	
METHYLENE CHLORIDE	75-09-2	5.22	<5.22	
MTBE	1634-04-4	5.22	<5.22	
NAPHTHALENE	91-20-3	5.22	<5.22	
n-BUTYLBENZENE	104-51-8	5.22	<5.22	
n-PROPYLBENZENE	103-65-1	5.22	<5.22	
o-XYLENE	95-47-6	5.22	<5.22	
p&m-XYLENE	1330-20-7	10.40	<10.40	
p-ISOPROPYLTOLUENE	99-87-6	5.22	<5.22	
sec-BUTYLBENZENE	135-98-8	5.22	<5.22	
STYRENE	100-42-5	5.22	<5.22	
tert-BUTYLBENZENE	98-06-6	5.22	<5.22	
TETRACHLOROETHYLENE	127-18-4	5.22	<5.22	
TOLUENE	108-88-3	5.22	<5.22	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5.22	<5.22	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5.22	<5.22	
TRICHLOROETHYLENE	79-01-6	5.22	<5.22	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5.22	<5.22	
VINYL ACETATE	108-05-4	5.22	<5.22	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-9/S-10)
Date received: 7/14/09	Laboratory ID: 1180633
Date extracted: 7/16/09	Matrix: Soil
Date analyzed: 7/16/09	ELAP #: 11693

EPA METHOD 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
bis(2-CHLOROETHYL)ETHER	111-44-4	41.70	<41.70	4.B
1,3-DICHLOROBENZENE	541-73-1	41.70	<41.70	4.B
1,4-DICHLOROBENZENE	106-46-7	41.70	<41.70	4.B
1,2-DICHLOROBENZENE	95-50-1	41.70	<41.70	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	41.70	<41.70	4.B
HEXACHLOROETHANE	67-72-1	41.70	<41.70	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	41.70	<41.70	4.B
NITROBENZENE	98-95-3	41.70	<41.70	4.B
ISOPHORONE	78-59-1	41.70	<41.70	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	41.70	<41.70	4.B
1,2,4-TRICHLOROBENZENE	120-82-1	41.70	<41.70	4.B
NAPHTHALENE	91-20-3	41.70	<41.70	4.B
HEXACHLOROBUTADIENE	87-68-3	41.70	<41.70	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	41.70	<41.70	4.B
2-CHLORONAPHTHALENE	91-58-7	41.70	<41.70	4.B
ACENAPHTHYLENE	208-96-8	41.70	<41.70	4.B
DIMETHYLPHTHALATE	131-11-3	41.70	<41.70	4.B
2,6-DINITROTOLUENE	606-20-2	41.70	<41.70	4.B
ACENAPHTHENE	83-32-9	41.70	<41.70	4.B
2,4-DINITROTOLUENE	121-14-2	41.70	<41.70	4.B
FLUORENE	86-73-7	41.70	<41.70	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	41.70	<41.70	4.B

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-9/S-10)
Date received: 7/14/09	Laboratory ID: 1180633
Date extracted: 7/16/09	Matrix: Soil
Date analyzed: 7/16/09	ELAP #: 11693

EPA METHOD 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
DIETHYLPHTHALATE	84-66-2	41.70	<41.70	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	41.70	<41.70	4.B
HEXACHLOROBENZENE	118-74-1	41.70	<41.70	4.B
PHENANTHRENE	85-01-8	41.70	<41.70	4.B
ANTHRACENE	120-12-7	41.70	<41.70	4.B
DI-n-BUTYLPHTHALATE	84-74-2	522	<522	
FLUORANTHENE	206-44-0	41.70	<41.70	4.B
PYRENE	129-00-0	41.70	<41.70	4.B
BUTYLBENZYLPHTHALATE	85-68-7	41.70	<41.70	4.B
CHRYSENE	218-01-9	41.70	<41.70	4.B
BENZO-a-ANTHRACENE	56-55-3	41.70	<41.70	4.B
3,3-DICHLOROBENZIDINE	91-94-1	41.70	<41.70	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	522	<522	
DI-n-OCTYLPHTHALATE	117-84-0	41.70	<41.70	4.B
BENZO-b-FLUOROANTHENE	205-99-2	41.70	<41.70	4.B
BENZO-k-FLUOROANTHENE	207-08-9	41.70	<41.70	4.B
BENZO-a-PYRENE	50-32-8	41.70	<41.70	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	41.70	<41.70	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	41.70	<41.70	4.B
BENZO-g,h,i-PERYLENE	191-24-2	41.70	<41.70	4.B

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Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-10/S-10)
Date received: 7/14/09	Laboratory ID: 1180634
Date extracted: 7/15/09	Matrix: Soil
Date analyzed: 7/15/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5.24	<5.24	
1,1,1-TRICHLOROETHANE	71-55-6	5.24	<5.24	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.24	<5.24	
1,1,2-TRICHLOROETHANE	79-00-5	5.24	<5.24	
1,1-DICHLOROETHANE	75-34-3	5.24	<5.24	
1,1-DICHLOROETHENE	75-35-4	5.24	<5.24	
1,1-DICHLOROPROPENE	563-58-6	5.24	<5.24	
1,2,3-TRICHLOROBENZENE	87-61-6	5.24	<5.24	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5.24	<5.24	
1,2,4-TRICHLOROBENZENE	120-82-1	5.24	<5.24	
1,2,4-TRIMETHYLBENZENE	95-63-6	5.24	<5.24	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5.24	<5.24	
1,2-DIBROMOETHANE	106-93-4	5.24	<5.24	
1,2-DICHLOROBENZENE	95-50-1	5.24	<5.24	
1,2-DICHLOROETHANE	107-06-2	5.24	<5.24	
1,2-DICHLOROPROPANE	78-87-5	5.24	<5.24	
1,3,5-TRIMETHYLBENZENE	108-67-8	5.24	<5.24	
1,3-DICHLOROBENZENE	541-73-1	5.24	<5.24	
1,3-DICHLOROPROPANE	142-28-9	5.24	<5.24	
1,4-DICHLOROBENZENE	106-46-7	5.24	<5.24	
2,2-DICHLOROPROPANE	594-20-7	5.24	<5.24	
2-BUTANONE (MEK)	78-93-3	10.50	<10.50	
2-CHLOROETHYL VINYL ETHER	110-75-8	5.24	<5.24	
2-CHLOROTOLUENE	95-49-8	5.24	<5.24	
2-HEXANONE	591-78-6	5.24	<5.24	
4-CHLOROTOLUENE	106-43-4	5.24	<5.24	
ACETONE	67-64-1	52.40	<52.40	
BENZENE	71-43-2	5.24	<5.24	
BROMOBENZENE	108-86-1	5.24	<5.24	
BROMOCHLOROMETHANE	74-97-5	5.24	<5.24	
BROMODICHLOROMETHANE	75-27-4	5.24	<5.24	
BROMOFORM	75-25-2	5.24	<5.24	
BROMOMETHANE	74-83-9	5.24	<5.24	

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-10/S-10)
Date received: 7/14/09	Laboratory ID: 1180634
Date extracted: 7/15/09	Matrix: Soil
Date analyzed: 7/15/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CARBON DISULFIDE	75-15-0	5.24	<5.24	
CARBON TETRACHLORIDE	56-23-5	5.24	<5.24	
CHLOROBENZENE	108-90-7	5.24	<5.24	
CHLOROETHANE	75-00-3	5.24	<5.24	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5.24	<5.24	
CHLOROFORM	67-66-3	5.24	<5.24	
CHLOROMETHANE	74-87-3	5.24	<5.24	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5.24	<5.24	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5.24	<5.24	
DIBROMOCHLOROMETHANE	124-48-1	5.24	<5.24	
DIBROMOMETHANE	74-95-3	5.24	<5.24	
DICHLORODIFLUOROMETHANE	75-71-8	5.24	<5.24	
ETHYLBENZENE	100-41-4	5.24	<5.24	
HEXACHLOROBUTADIENE	87-68-3	5.24	<5.24	
ISOPROPYLBENZENE	98-82-8	5.24	<5.24	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5.24	<5.24	
METHYLENE CHLORIDE	75-09-2	5.24	<5.24	
MTBE	1634-04-4	5.24	<5.24	
NAPHTHALENE	91-20-3	5.24	<5.24	
n-BUTYLBENZENE	104-51-8	5.24	<5.24	
n-PROPYLBENZENE	103-65-1	5.24	<5.24	
o-XYLENE	95-47-6	5.24	<5.24	
p&m-XYLENE	1330-20-7	10.50	<10.50	
p-ISOPROPYLTOLUENE	99-87-6	5.24	<5.24	
sec-BUTYLBENZENE	135-98-8	5.24	<5.24	
STYRENE	100-42-5	5.24	<5.24	
tert-BUTYLBENZENE	98-06-6	5.24	<5.24	
TETRACHLOROETHYLENE	127-18-4	5.24	<5.24	
TOLUENE	108-88-3	5.24	<5.24	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5.24	<5.24	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5.24	<5.24	
TRICHLOROETHYLENE	79-01-6	5.24	<5.24	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5.24	<5.24	
VINYL ACETATE	108-05-4	5.24	<5.24	

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Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-10/S-10)
Date received: 7/14/09	Laboratory ID: 1180634
Date extracted: 7/16/09	Matrix: Soil
Date analyzed: 7/16/09	ELAP #: 11693

EPA METHOD 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
bis(2-CHLOROETHYL)ETHER	111-44-4	41.90	<41.90	4.B
1,3-DICHLOROBENZENE	541-73-1	41.90	<41.90	4.B
1,4-DICHLOROBENZENE	106-46-7	41.90	<41.90	4.B
1,2-DICHLOROBENZENE	95-50-1	41.90	<41.90	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	41.90	<41.90	4.B
HEXACHLOROETHANE	67-72-1	41.90	<41.90	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	41.90	<41.90	4.B
NITROBENZENE	98-95-3	41.90	<41.90	4.B
ISOPHORONE	78-59-1	41.90	<41.90	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	41.90	<41.90	4.B
1,2,4-TRICHLOROBENZENE	120-82-1	41.90	<41.90	4.B
NAPHTHALENE	91-20-3	41.90	<41.90	4.B
HEXACHLOROBUTADIENE	87-68-3	41.90	<41.90	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	41.90	<41.90	4.B
2-CHLORONAPHTHALENE	91-58-7	41.90	<41.90	4.B
ACENAPHTHYLENE	208-96-8	41.90	<41.90	4.B
DIMETHYLPHTHALATE	131-11-3	41.90	<41.90	4.B
2,6-DINITROTOLUENE	606-20-2	41.90	<41.90	4.B
ACENAPHTHENE	83-32-9	41.90	<41.90	4.B
2,4-DINITROTOLUENE	121-14-2	41.90	<41.90	4.B
FLUORENE	86-73-7	41.90	<41.90	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	41.90	<41.90	4.B

MDL = Minimum Detection Limit. Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-10/S-10)
Date received: 7/14/09	Laboratory ID: 1180634
Date extracted: 7/16/09	Matrix: Soil
Date analyzed: 7/16/09	ELAP #: 11693

EPA METHOD 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
DIETHYLPHTHALATE	84-66-2	41.90	<41.90	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	41.90	<41.90	4.B
HEXACHLOROBENZENE	118-74-1	41.90	<41.90	4.B
PHENANTHRENE	85-01-8	41.90	<41.90	4.B
ANTHRACENE	120-12-7	41.90	<41.90	4.B
DI-n-BUTYLPHTHALATE	84-74-2	524	<524	
FLUORANTHENE	206-44-0	41.90	51	4.B
PYRENE	129-00-0	41.90	58.70	4.B
BUTYLBENZYLPHTHALATE	85-68-7	41.90	<41.90	4.B
CHRYSENE	218-01-9	41.90	44	4.B
BENZO-a-ANTHRACENE	56-55-3	41.90	<41.90	4.B
3,3-DICHLOROBENZIDINE	91-94-1	41.90	<41.90	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	524	<524	
DI-n-OCTYLPHTHALATE	117-84-0	41.90	<41.90	4.B
BENZO-b-FLUORANTHENE	205-99-2	41.90	<41.90	4.B
BENZO-k-FLUORANTHENE	207-08-9	41.90	<41.90	4.B
BENZO-a-PYRENE	50-32-8	41.90	<41.90	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	41.90	<41.90	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	41.90	<41.90	4.B
BENZO-g,h,i-PERYLENE	191-24-2	41.90	<41.90	4.B

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (B-11/S-10)
Date received: 7/17/09	Laboratory ID: 1180883
Date extracted: 7/20/09	Matrix: Soil
Date analyzed: 7/20/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5.21	<5.21	
1,1,1-TRICHLOROETHANE	71-55-6	5.21	<5.21	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.21	<5.21	
1,1,2-TRICHLOROETHANE	79-00-5	5.21	<5.21	
1,1-DICHLOROETHANE	75-34-3	5.21	<5.21	
1,1-DICHLOROETHENE	75-35-4	5.21	<5.21	
1,1-DICHLOROPROPENE	563-58-6	5.21	<5.21	
1,2,3-TRICHLOROBENZENE	87-61-6	5.21	<5.21	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5.21	<5.21	
1,2,4-TRICHLOROBENZENE	120-82-1	5.21	<5.21	
1,2,4-TRIMETHYLBENZENE	95-63-6	5.21	<5.21	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5.21	<5.21	
1,2-DIBROMOETHANE	106-93-4	5.21	<5.21	
1,2-DICHLOROBENZENE	95-50-1	5.21	<5.21	
1,2-DICHLOROETHANE	107-06-2	5.21	<5.21	
1,2-DICHLOROPROPANE	78-87-5	5.21	<5.21	
1,3,5-TRIMETHYLBENZENE	108-67-8	5.21	<5.21	
1,3-DICHLOROBENZENE	541-73-1	5.21	<5.21	
1,3-DICHLOROPROPANE	142-28-9	5.21	<5.21	
1,4-DICHLOROBENZENE	106-46-7	5.21	<5.21	
2,2-DICHLOROPROPANE	594-20-7	5.21	<5.21	
2-BUTANONE (MEK)	78-93-3	10.40	<10.40	
2-CHLOROETHYL VINYL ETHER	110-75-8	5.21	<5.21	
2-CHLOROTOLUENE	95-49-8	5.21	<5.21	
2-HEXANONE	591-78-6	5.21	<5.21	
4-CHLOROTOLUENE	106-43-4	5.21	<5.21	
ACETONE	67-64-1	52.10	<52.10	
BENZENE	71-43-2	5.21	<5.21	
BROMOBENZENE	108-86-1	5.21	<5.21	
BROMOCHLOROMETHANE	74-97-5	5.21	<5.21	
BROMODICHLOROMETHANE	75-27-4	5.21	<5.21	
BROMOFORM	75-25-2	5.21	<5.21	
BROMOMETHANE	74-83-9	5.21	<5.21	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (B-11/S-10)
Date received: 7/17/09	Laboratory ID: 1180883
Date extracted: 7/20/09	Matrix: Soil
Date analyzed: 7/20/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CARBON DISULFIDE	75-15-0	5.21	<5.21	
CARBON TETRACHLORIDE	56-23-5	5.21	<5.21	
CHLOROBENZENE	108-90-7	5.21	<5.21	
CHLOROETHANE	75-00-3	5.21	<5.21	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5.21	<5.21	
CHLOROFORM	67-66-3	5.21	<5.21	
CHLOROMETHANE	74-87-3	5.21	<5.21	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5.21	<5.21	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5.21	<5.21	
DIBROMOCHLOROMETHANE	124-48-1	5.21	<5.21	
DIBROMOMETHANE	74-95-3	5.21	<5.21	
DICHLORODIFLUOROMETHANE	75-71-8	5.21	<5.21	
ETHYLBENZENE	100-41-4	5.21	<5.21	
HEXACHLOROBUTADIENE	87-68-3	5.21	<5.21	
ISOPROPYLBENZENE	98-82-8	5.21	<5.21	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5.21	<5.21	
METHYLENE CHLORIDE	75-09-2	5.21	<5.21	
MTBE	1634-04-4	5.21	<5.21	
NAPHTHALENE	91-20-3	5.21	<5.21	
n-BUTYLBENZENE	104-51-8	5.21	<5.21	
n-PROPYLBENZENE	103-65-1	5.21	<5.21	
o-XYLENE	95-47-6	5.21	<5.21	
p&m-XYLENE	1330-20-7	10.40	<10.40	
p-ISOPROPYLTOLUENE	99-87-6	5.21	<5.21	
sec-BUTYLBENZENE	135-98-8	5.21	<5.21	
STYRENE	100-42-5	5.21	<5.21	
tert-BUTYLBENZENE	98-06-6	5.21	<5.21	
TETRACHLOROETHYLENE	127-18-4	5.21	<5.21	
TOLUENE	108-88-3	5.21	<5.21	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5.21	<5.21	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5.21	<5.21	
TRICHLOROETHYLENE	79-01-6	5.21	<5.21	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5.21	<5.21	
VINYL ACETATE	108-05-4	5.21	<5.21	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (B-11/S-10)
Date received: 7/17/09	Laboratory ID: 1180883
Date extracted: 7/20/09	Matrix: Soil
Date analyzed: 7/20/09	ELAP #: 11693

EPA METHOD 8270C(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
bis(2-CHLOROETHYL)ETHER	111-44-4	41.70	<41.70	4.B
1,3-DICHLOROBENZENE	541-73-1	41.70	<41.70	4.B
1,4-DICHLOROBENZENE	106-46-7	41.70	<41.70	4.B
1,2-DICHLOROBENZENE	95-50-1	41.70	<41.70	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	41.70	<41.70	4.B
HEXACHLOROETHANE	67-72-1	41.70	<41.70	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	41.70	<41.70	4.B
NITROBENZENE	98-95-3	41.70	<41.70	4.B
ISOPHORONE	78-59-1	41.70	<41.70	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	41.70	<41.70	4.B
1,2,4-TRICHLOROBENZENE	120-82-1	41.70	<41.70	4.B
NAPHTHALENE	91-20-3	41.70	<41.70	4.B
HEXACHLOROBUTADIENE	87-68-3	41.70	<41.70	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	41.70	<41.70	4.B
2-CHLORONAPHTHALENE	91-58-7	41.70	<41.70	4.B
ACENAPHTHYLENE	208-96-8	41.70	<41.70	4.B
DIMETHYLPHTHALATE	131-11-3	41.70	<41.70	4.B
2,6-DINITROTOLUENE	606-20-2	41.70	<41.70	4.B
ACENAPHTHENE	83-32-9	41.70	<41.70	4.B
2,4-DINITROTOLUENE	121-14-2	41.70	<41.70	4.B
FLUORENE	86-73-7	41.70	<41.70	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	41.70	<41.70	4.B

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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (B-11/S-10)
Date received: 7/17/09	Laboratory ID: 1180883
Date extracted: 7/20/09	Matrix: Soil
Date analyzed: 7/20/09	ELAP #: 11693

EPA METHOD 8270C(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
DIETHYLPHTHALATE	84-66-2	41.70	<41.70	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	41.70	<41.70	4.B
HEXACHLOROBENZENE	118-74-1	41.70	<41.70	4.B
PHENANTHRENE	85-01-8	41.70	<41.70	4.B
ANTHRACENE	120-12-7	41.70	<41.70	4.B
DI-n-BUTYLPHTHALATE	84-74-2	521	<521	
FLUORANTHENE	206-44-0	41.70	<41.70	4.B
PYRENE	129-00-0	41.70	<41.70	4.B
BUTYLBENZYLPHTHALATE	85-68-7	41.70	<41.70	4.B
CHRYSENE	218-01-9	41.70	<41.70	4.B
BENZO-a-ANTHRACENE	56-55-3	41.70	<41.70	4.B
3,3-DICHLOROBENZIDINE	91-94-1	41.70	<41.70	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	521	<521	
DI-n-OCTYLPHTHALATE	117-84-0	41.70	<41.70	4.B
BENZO-b-FLUOROANTHENE	205-99-2	41.70	<41.70	4.B
BENZO-k-FLUOROANTHENE	207-08-9	41.70	<41.70	4.B
BENZO-a-PYRENE	50-32-8	41.70	<41.70	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	41.70	<41.70	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	41.70	<41.70	4.B
BENZO-g,h,i-PERYLENE	191-24-2	41.70	<41.70	4.B

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Date received: 7/17/09	Laboratory ID: 1180884
Date extracted: 7/20/09	Matrix: Soil
Date analyzed: 7/20/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5.31	<5.31	
1,1,1-TRICHLOROETHANE	71-55-6	5.31	<5.31	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.31	<5.31	
1,1,2-TRICHLOROETHANE	79-00-5	5.31	<5.31	
1,1-DICHLOROETHANE	75-34-3	5.31	<5.31	
1,1-DICHLOROETHENE	75-35-4	5.31	<5.31	
1,1-DICHLOROPROPENE	563-58-6	5.31	<5.31	
1,2,3-TRICHLOROBENZENE	87-61-6	5.31	<5.31	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5.31	<5.31	
1,2,4-TRICHLOROBENZENE	120-82-1	5.31	<5.31	
1,2,4-TRIMETHYLBENZENE	95-63-6	5.31	<5.31	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5.31	<5.31	
1,2-DIBROMOETHANE	106-93-4	5.31	<5.31	
1,2-DICHLOROBENZENE	95-50-1	5.31	<5.31	
1,2-DICHLOROETHANE	107-06-2	5.31	<5.31	
1,2-DICHLOROPROPANE	78-87-5	5.31	<5.31	
1,3,5-TRIMETHYLBENZENE	108-67-8	5.31	<5.31	
1,3-DICHLOROBENZENE	541-73-1	5.31	<5.31	
1,3-DICHLOROPROPANE	142-28-9	5.31	<5.31	
1,4-DICHLOROBENZENE	106-46-7	5.31	<5.31	
2,2-DICHLOROPROPANE	594-20-7	5.31	<5.31	
2-BUTANONE (MEK)	78-93-3	10.60	<10.60	
2-CHLOROETHYL VINYL ETHER	110-75-8	5.31	<5.31	
2-CHLOROTOLUENE	95-49-8	5.31	<5.31	
2-HEXANONE	591-78-6	5.31	<5.31	
4-CHLOROTOLUENE	106-43-4	5.31	<5.31	
ACETONE	67-64-1	53.10	<53.10	
BENZENE	71-43-2	5.31	<5.31	
BROMOBENZENE	108-86-1	5.31	<5.31	
BROMOCHLOROMETHANE	74-97-5	5.31	<5.31	
BROMODICHLOROMETHANE	75-27-4	5.31	<5.31	
BROMOFORM	75-25-2	5.31	<5.31	
BROMOMETHANE	74-83-9	5.31	<5.31	

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Date received: 7/17/09	Laboratory ID: 1180884
Date extracted: 7/20/09	Matrix: Soil
Date analyzed: 7/20/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CARBON DISULFIDE	75-15-0	5.31	<5.31	
CARBON TETRACHLORIDE	56-23-5	5.31	<5.31	
CHLOROBENZENE	108-90-7	5.31	<5.31	
CHLOROETHANE	75-00-3	5.31	<5.31	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5.31	<5.31	
CHLOROFORM	67-66-3	5.31	<5.31	
CHLOROMETHANE	74-87-3	5.31	<5.31	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5.31	<5.31	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5.31	<5.31	
DIBROMOCHLOROMETHANE	124-48-1	5.31	<5.31	
DIBROMOMETHANE	74-95-3	5.31	<5.31	
DICHLORODIFLUOROMETHANE	75-71-8	5.31	<5.31	
ETHYLBENZENE	100-41-4	5.31	<5.31	
HEXACHLOROBUTADIENE	87-68-3	5.31	<5.31	
ISOPROPYLBENZENE	98-82-8	5.31	<5.31	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5.31	<5.31	
METHYLENE CHLORIDE	75-09-2	5.31	<5.31	
MTBE	1634-04-4	5.31	<5.31	
NAPHTHALENE	91-20-3	5.31	<5.31	
n-BUTYLBENZENE	104-51-8	5.31	<5.31	
n-PROPYLBENZENE	103-65-1	5.31	<5.31	
o-XYLENE	95-47-6	5.31	<5.31	
p&m-XYLENE	1330-20-7	10.60	<10.60	
p-ISOPROPYLTOLUENE	99-87-6	5.31	<5.31	
sec-BUTYLBENZENE	135-98-8	5.31	<5.31	
STYRENE	100-42-5	5.31	<5.31	
tert-BUTYLBENZENE	98-06-6	5.31	<5.31	
TETRACHLOROETHYLENE	127-18-4	5.31	<5.31	
TOLUENE	108-88-3	5.31	<5.31	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5.31	<5.31	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5.31	<5.31	
TRICHLOROETHYLENE	79-01-6	5.31	<5.31	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5.31	<5.31	
VINYL ACETATE	108-05-4	5.31	<5.31	

MDL = Minimum Detection Limit.

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Date received: 7/17/09	Laboratory ID: 1180884
Date extracted: 7/20/09	Matrix: Soil
Date analyzed: 7/20/09	ELAP #: 11693

EPA METHOD 8270C(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
bis(2-CHLOROETHYL)ETHER	111-44-4	42.50	<42.50	4,B
1,3-DICHLOROBENZENE	541-73-1	42.50	<42.50	4,B
1,4-DICHLOROBENZENE	106-46-7	42.50	<42.50	4,B
1,2-DICHLOROBENZENE	95-50-1	42.50	<42.50	4,B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	42.50	<42.50	4,B
HEXACHLOROETHANE	67-72-1	42.50	<42.50	4,B
n-NITROSODI-n-PROPYLAMINE	621-64-7	42.50	<42.50	4,B
NITROBENZENE	98-95-3	42.50	<42.50	4,B
ISOPHORONE	78-59-1	42.50	<42.50	4,B
bis(2-CHLOROETHOXY)METHANE	111-91-1	42.50	<42.50	4,B
1,2,4-TRICHLOROBENZENE	120-82-1	42.50	<42.50	4,B
NAPHTHALENE	91-20-3	42.50	<42.50	4,B
HEXACHLOROBUTADIENE	87-68-3	42.50	<42.50	4,B
HEXACHLOROCYCLOPENTADIENE	77-47-4	42.50	<42.50	4,B
2-CHLORONAPHTHALENE	91-58-7	42.50	<42.50	4,B
ACENAPHTHYLENE	208-96-8	42.50	<42.50	4,B
DIMETHYLPHTHALATE	131-11-3	42.50	<42.50	4,B
2,6-DINITROTOLUENE	606-20-2	42.50	<42.50	4,B
ACENAPHTHENE	83-32-9	42.50	<42.50	4,B
2,4-DINITROTOLUENE	121-14-2	42.50	<42.50	4,B
FLUORENE	86-73-7	42.50	<42.50	4,B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	42.50	<42.50	4,B

MDL = Minimum Detection Limit.

Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (B-12/S-1)
Date received: 7/17/09	Laboratory ID: 1180884
Date extracted: 7/20/09	Matrix: Soil
Date analyzed: 7/20/09	ELAP #: 11693

EPA METHOD 8270C(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
DIETHYLPHTHALATE	84-66-2	42.50	<42.50	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	42.50	<42.50	4.B
HEXACHLOROBENZENE	118-74-1	42.50	<42.50	4.B
PHENANTHRENE	85-01-8	42.50	55.90	4.B
ANTHRACENE	120-12-7	42.50	<42.50	4.B
DI-n-BUTYLPHTHALATE	84-74-2	531	<531	
FLUORANTHENE	206-44-0	42.50	173	
PYRENE	129-00-0	42.50	134	4.B
BUTYLBENZYLPHTHALATE	85-68-7	42.50	<42.50	4.B
CHRYSENE	218-01-9	42.50	105	4.B
BENZO-a-ANTHRACENE	56-55-3	42.50	67.90	4.B
3,3-DICHLOROBENZIDINE	91-94-1	42.50	<42.50	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	531	<531	
DI-n-OCTYLPHTHALATE	117-84-0	42.50	<42.50	4.B
BENZO-b-FLUORANTHENE	205-99-2	42.50	109	4.B
BENZO-k-FLUORANTHENE	207-08-9	42.50	92	4.B
BENZO-a-PYRENE	50-32-8	42.50	84.20	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	42.50	94.80	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	42.50	<42.50	4.B
BENZO-g,h,i-PERYLENE	191-24-2	42.50	80.70	4.B

MDL = Minimum Detection Limit

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Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (B-13/S-10)
Date received: 7/17/09	Laboratory ID: 1180885
Date extracted: 7/20/09	Matrix: Soil
Date analyzed: 7/20/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5.19	<5.19	
1,1,1-TRICHLOROETHANE	71-55-6	5.19	<5.19	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.19	<5.19	
1,1,2-TRICHLOROETHANE	79-00-5	5.19	<5.19	
1,1-DICHLOROETHANE	75-34-3	5.19	<5.19	
1,1-DICHLOROETHENE	75-35-4	5.19	<5.19	
1,1-DICHLOROPROPENE	563-58-6	5.19	<5.19	
1,2,3-TRICHLOROBENZENE	87-61-6	5.19	<5.19	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5.19	<5.19	
1,2,4-TRICHLOROBENZENE	120-82-1	5.19	<5.19	
1,2,4-TRIMETHYLBENZENE	95-63-6	5.19	<5.19	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5.19	<5.19	
1,2-DIBROMOETHANE	106-93-4	5.19	<5.19	
1,2-DICHLOROBENZENE	95-50-1	5.19	<5.19	
1,2-DICHLOROETHANE	107-06-2	5.19	<5.19	
1,2-DICHLOROPROPANE	78-87-5	5.19	<5.19	
1,3,5-TRIMETHYLBENZENE	108-67-8	5.19	<5.19	
1,3-DICHLOROBENZENE	541-73-1	5.19	<5.19	
1,3-DICHLOROPROPANE	142-28-9	5.19	<5.19	
1,4-DICHLOROBENZENE	106-46-7	5.19	<5.19	
2,2-DICHLOROPROPANE	594-20-7	5.19	<5.19	
2-BUTANONE (MEK)	78-93-3	10.40	<10.40	
2-CHLOROETHYL VINYL ETHER	110-75-8	5.19	<5.19	
2-CHLOROTOLUENE	95-49-8	5.19	<5.19	
2-HEXANONE	591-78-6	5.19	<5.19	
4-CHLOROTOLUENE	106-43-4	5.19	<5.19	
ACETONE	67-64-1	51.90	<51.90	
BENZENE	71-43-2	5.19	<5.19	
BROMOBENZENE	108-86-1	5.19	<5.19	
BROMOCHLOROMETHANE	74-97-5	5.19	<5.19	
BROMODICHLOROMETHANE	75-27-4	5.19	<5.19	
BROMOFORM	75-25-2	5.19	<5.19	
BROMOMETHANE	74-83-9	5.19	<5.19	

MDL = Minimum Detection Limit.

Calculated on a dry weight basis

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (B-13/S-10)
Date received: 7/17/09	Laboratory ID: 1180885
Date extracted: 7/20/09	Matrix: Soil
Date analyzed: 7/20/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CARBON DISULFIDE	75-15-0	5.19	<5.19	
CARBON TETRACHLORIDE	56-23-5	5.19	<5.19	
CHLOROBENZENE	108-90-7	5.19	<5.19	
CHLOROETHANE	75-00-3	5.19	<5.19	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5.19	<5.19	
CHLOROFORM	67-66-3	5.19	<5.19	
CHLOROMETHANE	74-87-3	5.19	<5.19	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5.19	<5.19	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5.19	<5.19	
DIBROMOCHLOROMETHANE	124-48-1	5.19	<5.19	
DIBROMOMETHANE	74-95-3	5.19	<5.19	
DICHLORODIFLUOROMETHANE	75-71-8	5.19	<5.19	
ETHYLBENZENE	100-41-4	5.19	<5.19	
HEXACHLOROBUTADIENE	87-68-3	5.19	<5.19	
ISOPROPYLBENZENE	98-82-8	5.19	<5.19	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5.19	<5.19	
METHYLENE CHLORIDE	75-09-2	5.19	<5.19	
MTBE	1634-04-4	5.19	<5.19	
NAPHTHALENE	91-20-3	5.19	<5.19	
n-BUTYLBENZENE	104-51-8	5.19	<5.19	
n-PROPYLBENZENE	103-65-1	5.19	<5.19	
o-XYLENE	95-47-6	5.19	<5.19	
p&m-XYLENE	1330-20-7	10.40	<10.40	
p-ISOPROPYLTOLUENE	99-87-6	5.19	<5.19	
sec-BUTYLBENZENE	135-98-8	5.19	<5.19	
STYRENE	100-42-5	5.19	<5.19	
tert-BUTYLBENZENE	98-06-6	5.19	<5.19	
TETRACHLOROETHYLENE	127-18-4	5.19	<5.19	
TOLUENE	108-88-3	5.19	<5.19	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5.19	<5.19	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5.19	<5.19	
TRICHLOROETHYLENE	79-01-6	5.19	<5.19	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5.19	<5.19	
VINYL ACETATE	108-05-4	5.19	<5.19	

MDL = Minimum Detection Limit.

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (B-13/S-10)
Date received: 7/17/09	Laboratory ID: 1180885
Date extracted: 7/20/09	Matrix: Soil
Date analyzed: 7/20/09	ELAP #: 11693

EPA METHOD 8270C(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
bis(2-CHLOROETHYL)ETHER	111-44-4	41.50	<41.50	4.B
1,3-DICHLOROBENZENE	541-73-1	41.50	<41.50	4.B
1,4-DICHLOROBENZENE	106-46-7	41.50	<41.50	4.B
1,2-DICHLOROBENZENE	95-50-1	41.50	<41.50	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	41.50	<41.50	4.B
HEXACHLOROETHANE	67-72-1	41.50	<41.50	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	41.50	<41.50	4.B
NITROBENZENE	98-95-3	41.50	<41.50	4.B
ISOPHORONE	78-59-1	41.50	<41.50	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	41.50	<41.50	4.B
1,2,4-TRICHLOROBENZENE	120-82-1	41.50	<41.50	4.B
NAPHTHALENE	91-20-3	41.50	<41.50	4.B
HEXACHLOROBUTADIENE	87-68-3	41.50	<41.50	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	41.50	<41.50	4.B
2-CHLORONAPHTHALENE	91-58-7	41.50	<41.50	4.B
ACENAPHTHYLENE	208-96-8	41.50	<41.50	4.B
DIMETHYLPHTHALATE	131-11-3	41.50	<41.50	4.B
2,6-DINITROTOLUENE	606-20-2	41.50	<41.50	4.B
ACENAPHTHENE	83-32-9	41.50	<41.50	4.B
2,4-DINITROTOLUENE	121-14-2	41.50	<41.50	4.B
FLUORENE	86-73-7	41.50	<41.50	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	41.50	<41.50	4.B

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Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (B-13/S-10)
Date received: 7/17/09	Laboratory ID: 1180885
Date extracted: 7/20/09	Matrix: Soil
Date analyzed: 7/20/09	ELAP #: 11693

EPA METHOD 8270C(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
DIETHYLPHTHALATE	84-66-2	41.50	<41.50	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	41.50	<41.50	4.B
HEXACHLOROBENZENE	118-74-1	41.50	<41.50	4.B
PHENANTHRENE	85-01-8	41.50	61.60	4.B
ANTHRACENE	120-12-7	41.50	<41.50	4.B
DI-n-BUTYLPHTHALATE	84-74-2	519	<519	
FLUORANTHENE	206-44-0	41.50	47	4.B
PYRENE	129-00-0	41.50	<41.50	4.B
BUTYLBENZYLPHTHALATE	85-68-7	41.50	<41.50	4.B
CHRYSENE	218-01-9	41.50	<41.50	4.B
BENZO-a-ANTHRACENE	56-55-3	41.50	<41.50	4.B
3,3-DICHLOROBENZIDINE	91-94-1	41.50	<41.50	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	519	<519	
DI-n-OCTYLPHTHALATE	117-84-0	41.50	<41.50	4.B
BENZO-b-FLUORANTHENE	205-99-2	41.50	<41.50	4.B
BENZO-k-FLUORANTHENE	207-08-9	41.50	<41.50	4.B
BENZO-a-PYRENE	50-32-8	41.50	<41.50	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	41.50	<41.50	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	41.50	<41.50	4.B
BENZO-g,h,i-PERYLENE	191-24-2	41.50	<41.50	4.B

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Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-14/S-2)
Date received: 7/21/09	Laboratory ID: 1181073
Date extracted: 7/22/09	Matrix: Soil
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5.41	<5.41	
1,1,1-TRICHLOROETHANE	71-55-6	5.41	<5.41	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.41	<5.41	
1,1,2-TRICHLOROETHANE	79-00-5	5.41	<5.41	
1,1-DICHLOROETHANE	75-34-3	5.41	<5.41	
1,1-DICHLOROETHENE	75-35-4	5.41	<5.41	
1,1-DICHLOROPROPENE	563-58-6	5.41	<5.41	
1,2,3-TRICHLOROBENZENE	87-61-6	5.41	<5.41	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5.41	<5.41	
1,2,4-TRICHLOROBENZENE	120-82-1	5.41	<5.41	
1,2,4-TRIMETHYLBENZENE	95-63-6	5.41	<5.41	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5.41	<5.41	
1,2-DIBROMOETHANE	106-93-4	5.41	<5.41	
1,2-DICHLOROBENZENE	95-50-1	5.41	<5.41	
1,2-DICHLOROETHANE	107-06-2	5.41	<5.41	
1,2-DICHLOROPROPANE	78-87-5	5.41	<5.41	
1,3,5-TRIMETHYLBENZENE	108-67-8	5.41	<5.41	
1,3-DICHLOROBENZENE	541-73-1	5.41	<5.41	
1,3-DICHLOROPROPANE	142-28-9	5.41	<5.41	
1,4-DICHLOROBENZENE	106-46-7	5.41	<5.41	
2,2-DICHLOROPROPANE	594-20-7	5.41	<5.41	
2-BUTANONE (MEK)	78-93-3	10.80	<10.80	
2-CHLOROETHYL VINYL ETHER	110-75-8	5.41	<5.41	
2-CHLOROTOLUENE	95-49-8	5.41	<5.41	
2-HEXANONE	591-78-6	5.41	<5.41	
4-CHLOROTOLUENE	106-43-4	5.41	<5.41	
ACETONE	67-64-1	54.10	<54.10	
BENZENE	71-43-2	5.41	<5.41	
BROMOBENZENE	108-86-1	5.41	<5.41	
BROMOCHLOROMETHANE	74-97-5	5.41	<5.41	
BROMODICHLOROMETHANE	75-27-4	5.41	<5.41	
BROMOFORM	75-25-2	5.41	<5.41	
BROMOMETHANE	74-83-9	5.41	<5.41	
CARBON DISULFIDE	75-15-0	5.41	<5.41	
CARBON TETRACHLORIDE	56-23-5	5.41	<5.41	
CHLOROBENZENE	108-90-7	5.41	<5.41	

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-14/S-2)
Date received: 7/21/09	Laboratory ID: 1181073
Date extracted: 7/22/09	Matrix: Soil
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CHLOROETHANE	75-00-3	5.41	<5.41	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5.41	<5.41	
CHLOROFORM	67-66-3	5.41	<5.41	
CHLOROMETHANE	74-87-3	5.41	<5.41	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5.41	<5.41	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5.41	<5.41	
DIBROMOCHLOROMETHANE	124-48-1	5.41	<5.41	
DIBROMOMETHANE	74-95-3	5.41	<5.41	
DICHLORODIFLUOROMETHANE	75-71-8	5.41	<5.41	
ETHYLBENZENE	100-41-4	5.41	<5.41	
HEXACHLOROBUTADIENE	87-68-3	5.41	<5.41	
ISOPROPYLBENZENE	98-82-8	5.41	<5.41	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5.41	<5.41	
METHYLENE CHLORIDE	75-09-2	5.41	<5.41	
MTBE	1634-04-4	5.41	<5.41	
NAPHTHALENE	91-20-3	5.41	<5.41	
n-BUTYLBENZENE	104-51-8	5.41	<5.41	
n-PROPYLBENZENE	103-65-1	5.41	<5.41	
o-XYLENE	95-47-6	5.41	<5.41	
p&m-XYLENE	1330-20-7	10.80	<10.80	
p-ISOPROPYLTOLUENE	99-87-6	5.41	<5.41	
sec-BUTYLBENZENE	135-98-8	5.41	<5.41	
STYRENE	100-42-5	5.41	<5.41	
tert-BUTYLBENZENE	98-06-6	5.41	<5.41	
TETRACHLOROETHYLENE	127-18-4	5.41	<5.41	
TOLUENE	108-88-3	5.41	<5.41	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5.41	<5.41	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5.41	<5.41	
TRICHLOROETHYLENE	79-01-6	5.41	<5.41	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5.41	<5.41	
VINYL ACETATE	108-05-4	5.41	<5.41	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-14/S-2)
Date received: 7/21/09	Laboratory ID: 1181073
Date extracted: 7/24/09	Matrix: Soil
Date analyzed: 7/24/09	ELAP #: 11693

EPA METHOD 8270C

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	43.30	<43.30	4.B
1,2-DICHLOROBENZENE	95-50-1	43.30	<43.30	4.B
1,3-DICHLOROBENZENE	541-73-1	43.30	<43.30	4.B
1,4-DICHLOROBENZENE	106-46-7	43.30	<43.30	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	43.30	<43.30	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	43.30	<43.30	4.B
2,4-DICHLOROPHENOL	120-83-2	43.30	<43.30	4.B
2,4-DIMETHYPHENOL	105-67-9	43.30	<43.30	4.B
2,4-DINITROPHENOL	51-28-5	43.30	<43.30	4.B
2,4-DINITROTOLUENE	121-14-2	43.30	<43.30	4.B
2,6-DINITROTOLUENE	606-20-2	43.30	<43.30	4.B
2-CHLORONAPHTHALENE	91-58-7	43.30	<43.30	4.B
2-CHLOROPHENOL	95-57-8	43.30	<43.30	4.B
2-METHYLNAPHTHALENE	91-57-6	43.30	<43.30	4.B
2-METHYLPHENOL	95-48-7	43.30	<43.30	4.B
2-NITROANILINE	88-74-4	43.30	<43.30	4.B
2-NITROPHENOL	88-75-5	43.30	<43.30	4.B
3,3-DICHLOROBENZIDINE	91-94-1	43.30	<43.30	4.B
3+4-METHYLPHENOL	15831-10-4	43.30	<43.30	4.B
3-NITROANILINE	99-09-2	43.30	<43.30	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	43.30	<43.30	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	43.30	<43.30	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	43.30	<43.30	4.B
4-CHLOROANILINE	106-47-8	43.30	<43.30	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	43.30	<43.30	4.B
4-NITROANILINE	100-01-6	43.30	<43.30	4.B
4-NITROPHENOL	100-02-7	43.30	<43.30	4.B
ACENAPHTHENE	83-32-9	43.30	<43.30	4.B
ACENAPHTHYLENE	208-96-8	43.30	<43.30	4.B
ANILINE	62-53-3	43.30	<43.30	4.B
ANTHRACENE	120-12-7	43.30	<43.30	4.B
BENZO-a-ANTHRACENE	56-55-3	43.30	<43.30	4.B
BENZO-a-PYRENE	50-32-8	43.30	<43.30	4.B
BENZO-b-FLUOROANTHENE	205-99-2	43.30	<43.30	4.B
BENZO-g,h,i-PERYLENE	191-24-2	43.30	<43.30	4.B
BENZO-k-FLUOROANTHENE	207-08-9	43.30	<43.30	4.B

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Date received: 7/21/09	Laboratory ID: 1181073
Date extracted: 7/24/09	Matrix: Soil
Date analyzed: 7/24/09	ELAP #: 11693

EPA METHOD 8270C

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
BENZYL ALCOHOL	100-51-6	43.30	<43.30	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	43.30	<43.30	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	43.30	<43.30	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	43.30	<43.30	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	541	<541	
BUTYLBENZYLPHTHALATE	85-68-7	43.30	<43.30	4.B
CARBAZOLE	86-74-8	43.30	<43.30	4.B
CHRYSENE	218-01-9	43.30	<43.30	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	43.30	<43.30	4.B
DIBENZOFURAN	132-64-9	43.30	<43.30	4.B
DIETHYLPHTHALATE	84-66-2	43.30	<43.30	4.B
DIMETHYLPHTHALATE	131-11-3	43.30	<43.30	4.B
DI-n-BUTYLPHTHALATE	84-74-2	541	<541	
DI-n-OCTYLPHTHALATE	117-84-0	43.30	<43.30	4.B
FLUORANTHENE	206-44-0	43.30	82.30	4.B
FLUORENE	86-73-7	43.30	<43.30	4.B
HEXACHLOROBENZENE	118-74-1	43.30	<43.30	4.B
HEXACHLOROBUTADIENE	87-68-3	43.30	<43.30	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	43.30	<43.30	4.B
HEXACHLOROETHANE	67-72-1	43.30	<43.30	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	43.30	<43.30	4.B
ISOPHORONE	78-59-1	43.30	<43.30	4.B
NAPHTHALENE	91-20-3	43.30	<43.30	4.B
NITROBENZENE	98-95-3	43.30	<43.30	4.B
n-NITROSODIMETHYLAMINE	62-75-9	43.30	<43.30	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	43.30	<43.30	4.B
n-NITROSODIPHENYLAMINE	86-30-6	43.30	<43.30	4.B
PENTACHLOROPHENOL	87-86-5	43.30	<43.30	4.B
PHENANTHRENE	85-01-8	43.30	54.80	4.B
PHENOL	108-95-2	43.30	<43.30	4.B
PYRENE	129-00-0	43.30	66.40	4.B

MDL = Minimum Detection Limit.

Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (B-14/S-2)
Date received: 7/21/09	Laboratory ID: 1181073
Date analyzed: See Below	Matrix: Soil

Priority Pollutant Metals

PARAMETER	MDL mg/kg	Date Analyzed	RESULTS mg/kg	FLAG
ALUMINUM, Al	1.65	7/24/2009	7,246	4.F
ANTIMONY, Sb	1.65	7/23/2009	<1.65	
ARSENIC, As	1.65	7/23/2009	<1.65	
BARIUM, Ba	3.33	7/23/2009	13.10	
BERYLLIUM, Be	1.65	7/23/2009	<1.65	
CADMIUM, Cd	1.00	7/23/2009	<1.00	
CALCIUM, Ca	1.65	7/23/2009	185	
CHROMIUM, Cr	1.65	7/23/2009	11.80	
COBALT, Co	1.65	7/23/2009	2.40	
COPPER, Cu	1.65	7/23/2009	4.03	
IRON, Fe	1.65	7/24/2009	9,577	4.F
LEAD, Pb	1.65	7/23/2009	4.58	
MAGNESIUM, Mg	1.65	7/23/2009	850	
MANGANESE, Mn	1.65	7/23/2009	32.10	
MERCURY, Hg•	0.02	7/23/2009	<0.02	
NICKEL, Ni	1.65	7/23/2009	7.23	
POTASSIUM, K	1.65	7/23/2009	189	
SELENIUM, Se	1.65	7/23/2009	<1.65	
SILVER, Ag	1.65	7/23/2009	<1.65	
SODIUM, Na	1.65	7/23/2009	67.40	
THALIUM, Tl	1.65	7/23/2009	<1.65	
VANADIUM, V	1.65	7/23/2009	11.40	
ZINC, Zn	1.65	7/23/2009	14.10	

MDL = Minimum Detection Limit.
Performed by SW-846 Method 6010
•Method: EPA 7471A

Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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B-15/S-1

Client: Soil Mechanics	Client ID: 09-090, Garden City (S-1)
Date received: 7/22/09	Laboratory ID: 1181284
Date extracted: 7/24/09	Matrix: Soil
Date analyzed: 7/24/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	6.37	<6.37	
1,1,1-TRICHLOROETHANE	71-55-6	6.37	<6.37	
1,1,2,2-TETRACHLOROETHANE	79-34-5	6.37	<6.37	
1,1,2-TRICHLOROETHANE	79-00-5	6.37	<6.37	
1,1-DICHLOROETHANE	75-34-3	6.37	<6.37	
1,1-DICHLOROETHENE	75-35-4	6.37	<6.37	
1,1-DICHLOROPROPENE	563-58-6	6.37	<6.37	
1,2,3-TRICHLOROBENZENE	87-61-6	6.37	<6.37	
1,2,3-TRICHLOROPROPANE	96-18-4	6.37	<6.37	
1,2,4-TRICHLOROBENZENE	120-82-1	6.37	<6.37	
1,2,4-TRIMETHYLBENZENE	95-63-6	6.37	<6.37	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	6.37	<6.37	
1,2-DIBROMOETHANE	106-93-4	6.37	<6.37	
1,2-DICHLOROBENZENE	95-50-1	6.37	<6.37	
1,2-DICHLOROETHANE	107-06-2	6.37	<6.37	
1,2-DICHLOROPROPANE	78-87-5	6.37	<6.37	
1,3,5-TRIMETHYLBENZENE	108-67-8	6.37	<6.37	
1,3-DICHLOROBENZENE	541-73-1	6.37	<6.37	
1,3-DICHLOROPROPANE	142-28-9	6.37	<6.37	
1,4-DICHLOROBENZENE	106-46-7	6.37	<6.37	
2,2-DICHLOROPROPANE	594-20-7	6.37	<6.37	
2-BUTANONE (MEK)	78-93-3	12.70	<12.70	
2-CHLOROETHYL VINYL ETHER	110-75-8	6.37	<6.37	
2-CHLOROTOLUENE	95-49-8	6.37	<6.37	
2-HEXANONE	591-78-6	6.37	<6.37	
4-CHLOROTOLUENE	106-43-4	6.37	<6.37	
ACETONE	67-64-1	63.70	<63.70	
BENZENE	71-43-2	6.37	<6.37	
BROMOBENZENE	108-86-1	6.37	<6.37	
BROMOCHLOROMETHANE	74-97-5	6.37	<6.37	
BROMODICHLOROMETHANE	75-27-4	6.37	<6.37	
BROMOFORM	75-25-2	6.37	<6.37	
BROMOMETHANE	74-83-9	6.37	<6.37	
CARBON DISULFIDE	75-15-0	6.37	<6.37	
CARBON TETRACHLORIDE	56-23-5	6.37	<6.37	
CHLOROBENZENE	108-90-7	6.37	<6.37	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

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B-15/S-1

Client: Soil Mechanics Environmental Services	Client ID: Garden City Avis Garden City (S-1)
Date Received: 07/22/2009	Laboratory ID: 1181284
Date Extracted: 07/24/2009	Matrix: Soil
Date Analyzed: 07/24/2009	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CHLOROETHANE	75-00-3	6.37	<6.37	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	6.37	<6.37	
CHLOROFORM	67-66-3	6.37	<6.37	
CHLOROMETHANE	74-87-3	6.37	<6.37	
cis[Z]-1,2DICHLOROETHENE	156-59-2	6.37	<6.37	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	6.37	<6.37	
DIBROMOCHLOROMETHANE	124-48-1	6.37	<6.37	
DIBROMOMETHANE	74-95-3	6.37	<6.37	
DICHLORODIFLUOROMETHANE	75-71-8	6.37	<6.37	
ETHYLBENZENE	100-41-4	6.37	<6.37	
HEXACHLOROBUTADIENE	87-68-3	6.37	<6.37	
ISOPROPYLBENZENE	98-82-8	6.37	<6.37	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	6.37	<6.37	
METHYLENE CHLORIDE	75-09-2	6.37	<6.37	
MTBE	1634-04-4	6.37	<6.37	
NAPHTHALENE	91-20-3	6.37	<6.37	
n-BUTYLBENZENE	104-51-8	6.37	<6.37	
n-PROPYLBENZENE	103-65-1	6.37	<6.37	
o-XYLENE	95-47-6	6.37	<6.37	
p&m-XYLENE	1330-20-7	12.70	<12.70	
p-ISOPROPYLTOLUENE	99-87-6	6.37	<6.37	
sec-BUTYLBENZENE	135-98-8	6.37	<6.37	
STYRENE	100-42-5	6.37	<6.37	
tert-BUTYLBENZENE	98-06-6	6.37	<6.37	
TETRACHLOROETHYLENE	127-18-4	6.37	<6.37	
TOLUENE	108-88-3	6.37	<6.37	
trans[E]-1,2-DICHLOROETHENE	156-60-5	6.37	<6.37	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	6.37	<6.37	
TRICHLOROETHYLENE	79-01-6	6.37	<6.37	
TRICHLOROMONOFLUOROMETHANE	75-69-4	6.37	<6.37	
VINYL ACETATE	108-05-4	6.37	<6.37	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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B-15/S-1

Client: Soil Mechanics	Client ID: 09-090, Garden City (S-1)
Date received: 7/22/09	Laboratory ID: 1181284
Date extracted: 7/24/09	Matrix: Soil
Date analyzed: 7/24/09	ELAP #: 11693

EPA METHOD 8270C

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	51	<51	4.B
1,2-DICHLOROBENZENE	95-50-1	51	<51	4.B
1,3-DICHLOROBENZENE	541-73-1	51	<51	4.B
1,4-DICHLOROBENZENE	106-46-7	51	<51	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	51	<51	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	51	<51	4.B
2,4-DICHLOROPHENOL	120-83-2	51	<51	4.B
2,4-DIMETHYPHENOL	105-67-9	51	<51	4.B
2,4-DINITROPHENOL	51-28-5	51	<51	4.B
2,4-DINITROTOLUENE	121-14-2	51	<51	4.B
2,6-DINITROTOLUENE	606-20-2	51	<51	4.B
2-CHLORONAPHTHALENE	91-58-7	51	<51	4.B
2-CHLOROPHENOL	95-57-8	51	<51	4.B
2-METHYLNAPHTHALENE	91-57-6	51	<51	4.B
2-METHYLPHENOL	95-48-7	51	<51	4.B
2-NITROANILINE	88-74-4	51	<51	4.B
2-NITROPHENOL	88-75-5	51	<51	4.B
3,3-DICHLOROBENZIDINE	91-94-1	51	<51	4.B
3+4-METHYLPHENOL	15831-10-4	51	<51	4.B
3-NITROANILINE	99-09-2	51	<51	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	51	<51	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	51	<51	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	51	<51	4.B
4-CHLOROANILINE	106-47-8	51	<51	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	51	<51	4.B
4-NITROANILINE	100-01-6	51	<51	4.B
4-NITROPHENOL	100-02-7	51	<51	4.B
ACENAPHTHENE	83-32-9	51	<51	4.B
ACENAPHTHYLENE	208-96-8	51	<51	4.B
ANILINE	62-53-3	51	<51	4.B
ANTHRACENE	120-12-7	51	<51	4.B
BENZO-a-ANTHRACENE	56-55-3	51	79	4.B
BENZO-a-PYRENE	50-32-8	51	121	4.B
BENZO-b-FLUORANTHENE	205-99-2	51	91.80	4.B
BENZO-g,h,i-PERYLENE	191-24-2	51	73.10	4.B
BENZO-k-FLUORANTHENE	207-08-9	51	97.70	4.B

MDL = Minimum Detection Limit. Calculated on a dry weight basis

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B-15/S-1

Client: Soil Mechanics	Client ID: 09-090, Garden City (S-1)
Date received: 7/22/09	Laboratory ID: 1181284
Date extracted: 7/24/09	Matrix: Soil
Date analyzed: 7/24/09	ELAP #: 11693

EPA METHOD 8270C

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
BENZYL ALCOHOL	100-51-6	51	<51	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	51	<51	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	51	<51	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	51	<51	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	637	<637	
BUTYLBENZYLPHTHALATE	85-68-7	51	<51	4.B
CARBAZOLE	86-74-8	51	<51	4.B
CHRYSENE	218-01-9	51	116	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	51	<51	4.B
DIBENZOFURAN	132-64-9	51	<51	4.B
DIETHYLPHTHALATE	84-66-2	51	<51	4.B
DIMETHYLPHTHALATE	131-11-3	51	<51	4.B
Di-n-BUTYLPHTHALATE	84-74-2	637	<637	
Di-n-OCTYLPHTHALATE	117-84-0	51	<51	4.B
FLUORANTHENE	206-44-0	51	143	4.B
FLUORENE	86-73-7	51	<51	4.B
HEXACHLOROBENZENE	118-74-1	51	<51	4.B
HEXACHLOROBUTADIENE	87-68-3	51	<51	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	51	<51	4.B
HEXACHLOROETHANE	67-72-1	51	<51	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	51	91.80	4.B
ISOPHORONE	78-59-1	51	<51	4.B
NAPHTHALENE	91-20-3	51	<51	4.B
NITROBENZENE	98-95-3	51	<51	4.B
n-NITROSODIMETHYLAMINE	62-75-9	51	<51	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	51	<51	4.B
n-NITROSODIPHENYLAMINE	86-30-6	51	<51	4.B
PENTACHLOROPHENOL	87-86-5	51	<51	4.B
PHENANTHRENE	85-01-8	51	150	4.B
PHENOL	108-95-2	51	<51	4.B
PYRENE	129-00-0	51	132	4.B

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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B-15/S-1

Client: Soil Mechanics	Client ID: 09-090, Garden City (S-1)
Date received: 7/22/09	Laboratory ID: 1181284
Date analyzed: See Below	Matrix: Soil

Priority Pollutant Metals

PARAMETER	MDL	DATE ANALYZED	RESULTS mg/kg	FLAG
SILVER, Ag	1.67 mg/kg	7/27/09	<1.67	
ALUMINUM, Al	1.67 mg/kg	7/30/09	14,528	4.F
ARSENIC, As	1.67 mg/kg	7/27/09	2.81	
BARIUM, Ba	3.33 mg/kg	7/27/09	37.7	
BERYLLIUM, Be	1.67 mg/kg	7/27/09	<1.67	
CALCIUM, Ca	1.67 mg/kg	7/27/09	1,560	
CADMIUM, Cd	1.00 mg/kg	7/27/09	<1.00	
COBALT, Co	1.67 mg/kg	7/27/09	3.36	
CHROMIUM, Cr	1.67 mg/kg	7/27/09	11.0	
COPPER, Cu	1.67 mg/kg	7/27/09	7.04	
IRON, Fe	1.67 mg/kg	7/30/09	18,584	4.F
MERCURY, Hg•	0.02 mg/kg	7/28/09	0.056	
POTASSIUM, K	1.67 mg/kg	7/27/09	318	
MAGNESIUM, Mg	1.67 mg/kg	7/27/09	1,423	
MANGANESE, Mn	1.67 mg/kg	7/27/09	138	
SODIUM, Na	1.67 mg/kg	7/27/09	249	
NICKEL, Ni	1.67 mg/kg	7/27/09	6.45	
LEAD, Pb	1.67 mg/kg	7/27/09	10.1	
ANTIMONY, Sb	1.67 mg/kg	7/27/09	<1.67	
SELENIUM, Se	1.67 mg/kg	7/27/09	<1.67	
THALIUM, Tl	1.67 mg/kg	7/27/09	<1.67	
VANADIUM, V	1.67 mg/kg	7/27/09	19.0	
ZINC, Zn	1.67 mg/kg	7/27/09	27.1	

MDL = Minimum Detection Limit. Calculated on a dry weight basis
Performed by SW-846 Method 6010
•Method: EPA 7471A

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: AVIS, Garden City (GS-1 {NW Corner Bldg 4})
Date received: 8/13/09	Laboratory ID: 1182930
Date extracted: 8/13/09	Matrix: Soil
Date analyzed: 8/13/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5.20	<5.20	
1,1,1-TRICHLOROETHANE	71-55-6	5.20	<5.20	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.20	<5.20	
1,1,2-TRICHLOROETHANE	79-00-5	5.20	<5.20	
1,1-DICHLOROETHANE	75-34-3	5.20	<5.20	
1,1-DICHLOROETHENE	75-35-4	5.20	<5.20	
1,1-DICHLOROPROPENE	563-58-6	5.20	<5.20	
1,2,3-TRICHLOROBENZENE	87-61-6	5.20	<5.20	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5.20	<5.20	
1,2,4-TRICHLOROBENZENE	120-82-1	5.20	<5.20	
1,2,4-TRIMETHYLBENZENE	95-63-6	5.20	<5.20	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5.20	<5.20	
1,2-DIBROMOETHANE	106-93-4	5.20	<5.20	
1,2-DICHLOROBENZENE	95-50-1	5.20	<5.20	
1,2-DICHLOROETHANE	107-06-2	5.20	<5.20	
1,2-DICHLOROPROPANE	78-87-5	5.20	<5.20	
1,3,5-TRIMETHYLBENZENE	108-67-8	5.20	<5.20	
1,3-DICHLOROBENZENE	541-73-1	5.20	<5.20	
1,3-DICHLOROPROPANE	142-28-9	5.20	<5.20	
1,4-DICHLOROBENZENE	106-46-7	5.20	<5.20	
2,2-DICHLOROPROPANE	594-20-7	5.20	<5.20	
2-BUTANONE (MEK)	78-93-3	10.4	<10.4	
2-CHLOROETHYL VINYL ETHER	110-75-8	5.20	<5.20	
2-CHLOROTOLUENE	95-49-8	5.20	<5.20	
2-HEXANONE	591-78-6	5.20	<5.20	
4-CHLOROTOLUENE	106-43-4	5.20	<5.20	
ACETONE	67-64-1	52	<52	
BENZENE	71-43-2	5.20	<5.20	
BROMOBENZENE	108-86-1	5.20	<5.20	
BROMOCHLOROMETHANE	74-97-5	5.20	<5.20	
BROMODICHLOROMETHANE	75-27-4	5.20	<5.20	
BROMOFORM	75-25-2	5.20	<5.20	
BROMOMETHANE	74-83-9	5.20	<5.20	
CARBON DISULFIDE	75-15-0	5.20	<5.20	
CARBON TETRACHLORIDE	56-23-5	5.20	<5.20	
CHLOROBENZENE	108-90-7	5.20	<5.20	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: AVIS, Garden City (GS-1 {NW Corner Bldg 4})
Date received: 8/13/09	Laboratory ID: 1182930
Date extracted: 8/13/09	Matrix: Soil
Date analyzed: 8/13/09	ELAP #: 11693

EPA Method 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CHLOROETHANE	75-00-3	5.20	<5.20	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5.20	<5.20	
CHLOROFORM	67-66-3	5.20	<5.20	
CHLOROMETHANE	74-87-3	5.20	<5.20	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5.20	<5.20	
cis[Z]-1.3-DICHLOROPROPENE	10061-01-5	5.20	<5.20	
DIBROMOCHLOROMETHANE	124-48-1	5.20	<5.20	
DIBROMOMETHANE	74-95-3	5.20	<5.20	
DICHLORODIFLUOROMETHANE	75-71-8	5.20	<5.20	
ETHYLBENZENE	100-41-4	5.20	<5.20	
HEXACHLOROBUTADIENE	87-68-3	5.20	<5.20	
ISOPROPYLBENZENE	98-82-8	5.20	<5.20	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5.20	<5.20	
METHYLENE CHLORIDE	75-09-2	5.20	<5.20	
MTBE	1634-04-4	5.20	<5.20	
NAPHTHALENE	91-20-3	5.20	<5.20	
n-BUTYLBENZENE	104-51-8	5.20	<5.20	
n-PROPYLBENZENE	103-65-1	5.20	<5.20	
o-XYLENE	95-47-6	5.20	<5.20	
p&m-XYLENE	1330-20-7	10.4	<10.4	
p-ISOPROPYLTOLUENE	99-87-6	5.20	<5.20	
sec-BUTYLBENZENE	135-98-8	5.20	<5.20	
STYRENE	100-42-5	5.20	<5.20	
tert-BUTYLBENZENE	98-06-6	5.20	<5.20	
TETRACHLOROETHYLENE	127-18-4	5.20	<5.20	
TOLUENE	108-88-3	5.20	<5.20	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5.20	<5.20	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5.20	<5.20	
TRICHLOROETHYLENE	79-01-6	5.20	<5.20	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5.20	<5.20	
VINYL ACETATE	108-05-4	5.20	<5.20	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: AVIS, Garden City (GS-1 {NW Corner Bldg 4})
Date received: 8/13/09	Laboratory ID: 1182930
Date extracted: 8/14/09	Matrix: Soil
Date analyzed: 8/14/09	ELAP #: 11693

EPA METHOD 8270C(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
bis(2-CHLOROETHYL)ETHER	111-44-4	41.6	<41.6	2.A, 4.B
1,3-DICHLOROBENZENE	541-73-1	41.6	<41.6	2.A, 4.B
1,4-DICHLOROBENZENE	106-46-7	41.6	<41.6	2.A, 4.B
1,2-DICHLOROBENZENE	95-50-1	41.6	<41.6	2.A, 4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	41.6	<41.6	2.A, 4.B
HEXACHLOROETHANE	67-72-1	41.6	<41.6	2.A, 4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	41.6	<41.6	2.A, 4.B
NITROBENZENE	98-95-3	41.6	<41.6	2.A, 4.B
ISOPHORONE	78-59-1	41.6	<41.6	2.A, 4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	41.6	<41.6	2.A, 4.B
1,2,4-TRICHLOROBENZENE	120-82-1	41.6	<41.6	2.A, 4.B
NAPHTHALENE	91-20-3	41.6	<41.6	2.A, 4.B
HEXACHLOROBUTADIENE	87-68-3	41.6	<41.6	2.A, 4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	41.6	<41.6	2.A, 4.B
2-CHLORONAPHTHALENE	91-58-7	41.6	<41.6	2.A, 4.B
ACENAPHTHYLENE	208-96-8	41.6	<41.6	2.A, 4.B
DIMETHYLPHTHALATE	131-11-3	41.6	<41.6	2.A, 4.B
2,6-DINITROTOLUENE	606-20-2	41.6	<41.6	2.A, 4.B
ACENAPHTHENE	83-32-9	41.6	<41.6	2.A, 4.B
2,4-DINITROTOLUENE	121-14-2	41.6	<41.6	2.A, 4.B
FLUORENE	86-73-7	41.6	<41.6	2.A, 4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	41.6	<41.6	2.A, 4.B
DIETHYLPHTHALATE	84-66-2	41.6	<41.6	2.A, 4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	41.6	<41.6	2.A, 4.B
HEXACHLOROBENZENE	118-74-1	41.6	<41.6	2.A, 4.B
PHENANTHRENE	85-01-8	41.6	<41.6	2.A, 4.B
ANTHRACENE	120-12-7	41.6	<41.6	2.A, 4.B
DI-n-BUTYLPHTHALATE	84-74-2	520	<520	2.A
FLUORANTHENE	206-44-0	41.6	<41.6	2.A, 4.B
PYRENE	129-00-0	41.6	<41.6	2.A, 4.B
BUTYLBENZYLPHTHALATE	85-68-7	41.6	78.4	2.A, 4.B
CHRYSENE	218-01-9	41.6	<41.6	2.A, 4.B
BENZO-a-ANTHRACENE	56-55-3	41.6	<41.6	2.A, 4.B
3,3-DICHLOROBENZIDINE	91-94-1	41.6	<41.6	2.A, 4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	520	<520	2.A
DI-n-OCTYLPHTHALATE	117-84-0	41.6	<41.6	4.B

MDL = Minimum Detection Limit

Calculated on a dry weight basis

LONG ISLAND ANALYTICAL LABORATORIES INC.
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Client: Soil Mechanics	Client ID: AVIS, Garden City (GS-1 {NW Corner Bldg 4})
Date received: 8/13/09	Laboratory ID: 1182930
Date extracted: 8/14/09	Matrix: Soil
Date analyzed: 8/14/09	ELAP #: 11693

EPA Method 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
BENZO-b-FLUOROANTHENE	205-99-2	41.6	<41.6	2.A, 4.B
BENZO-k-FLUOROANTHENE	207-08-9	41.6	<41.6	2.A, 4.B
BENZO-a-PYRENE	50-32-8	41.6	<41.6	2.A, 4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	41.6	<41.6	2.A, 4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	41.6	<41.6	2.A, 4.B
BENZO-g,h,i-PERYLENE	191-24-2	41.6	<41.6	2.A, 4.B

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: AVIS, Garden City (GS-1 {NW Corner Bldg 4})
Date received: 8/13/09	Laboratory ID: 1182930
Date analyzed: See Below	Matrix: Soil

Priority Pollutant Metals

PARAMETER	MDL	DATE ANALYZED	RESULTS mg/kg	FLAG
SILVER, Ag	1.65 mg/kg	8/14/09	<1.65	
ALUMINUM, Al	1.65 mg/kg	8/14/09	6,827	
ARSENIC, As	1.65 mg/kg	8/14/09	2.30	
BARIUM, Ba	3.33 mg/kg	8/14/09	71.5	
BERYLLIUM, Be	1.65 mg/kg	8/14/09	<1.65	
CALCIUM, Ca	1.65 mg/kg	8/14/09	<1.65	
CADMIUM, Cd	1.00 mg/kg	8/14/09	<1.00	
COBALT, Co	1.65 mg/kg	8/14/09	32.3	
CHROMIUM, Cr	1.65 mg/kg	8/14/09	11.6	
COPPER, Cu	1.65 mg/kg	8/14/09	11.4	
IRON, Fe	1.65 mg/kg	8/14/09	22,229	
MERCURY, Hg•	0.02 mg/kg	8/14/09	0.057	
POTASSIUM, K	1.65 mg/kg	8/14/09	606	
MAGNESIUM, Mg	1.65 mg/kg	8/14/09	1,544	
MANGANESE, Mn	1.65 mg/kg	8/14/09	3,952	
SODIUM, Na	1.65 mg/kg	8/14/09	30.9	
NICKEL, Ni	1.65 mg/kg	8/14/09	12.8	
LEAD, Pb	1.65 mg/kg	8/14/09	4.38	
ANTIMONY, Sb	1.65 mg/kg	8/14/09	<1.65	
SELENIUM, Se	1.65 mg/kg	8/14/09	<1.65	
THALIUM, Tl	1.65 mg/kg	8/14/09	<1.65	
VANADIUM, V	1.65 mg/kg	8/14/09	13.0	
ZINC, Zn	1.65 mg/kg	8/14/09	33.0	

MDL = Minimum Detection Limit. Calculated on a dry weight basis
Performed by SW-846 Method 6010
•Method: EPA 7471A

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City (Dry Well #1)
Date received: 7/27/09	Laboratory ID: 1181774
Date extracted: 7/29/09	Matrix: Soil
Date analyzed: 7/29/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	6.64	<6.64	
1,1,1-TRICHLOROETHANE	71-55-6	6.64	<6.64	
1,1,2,2-TETRACHLOROETHANE	79-34-5	6.64	<6.64	
1,1,2-TRICHLOROETHANE	79-00-5	6.64	<6.64	
1,1-DICHLOROETHANE	75-34-3	6.64	<6.64	
1,1-DICHLOROETHENE	75-35-4	6.64	<6.64	
1,1-DICHLOROPROPENE	563-58-6	6.64	<6.64	
1,2,3-TRICHLOROBENZENE	87-61-6	6.64	<6.64	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	6.64	<6.64	
1,2,4-TRICHLOROBENZENE	120-82-1	6.64	<6.64	
1,2,4-TRIMETHYLBENZENE	95-63-6	6.64	<6.64	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	6.64	<6.64	
1,2-DIBROMOETHANE	106-93-4	6.64	<6.64	
1,2-DICHLOROBENZENE	95-50-1	6.64	<6.64	
1,2-DICHLOROETHANE	107-06-2	6.64	<6.64	
1,2-DICHLOROPROPANE	78-87-5	6.64	<6.64	
1,3,5-TRIMETHYLBENZENE	108-67-8	6.64	<6.64	
1,3-DICHLOROBENZENE	541-73-1	6.64	<6.64	
1,3-DICHLOROPROPANE	142-28-9	6.64	<6.64	
1,4-DICHLOROBENZENE	106-46-7	6.64	<6.64	
2,2-DICHLOROPROPANE	594-20-7	6.64	<6.64	
2-BUTANONE (MEK)	78-93-3	13.30	<13.30	
2-CHLOROETHYL VINYL ETHER	110-75-8	6.64	<6.64	
2-CHLOROTOLUENE	95-49-8	6.64	<6.64	
2-HEXANONE	591-78-6	6.64	<6.64	
4-CHLOROTOLUENE	106-43-4	6.64	<6.64	
ACETONE	67-64-1	66.40	<66.40	
BENZENE	71-43-2	6.64	<6.64	
BROMOBENZENE	108-86-1	6.64	<6.64	
BROMOCHLOROMETHANE	74-97-5	6.64	<6.64	
BROMODICHLOROMETHANE	75-27-4	6.64	<6.64	
BROMOFORM	75-25-2	6.64	<6.64	
BROMOMETHANE	74-83-9	6.64	<6.64	
CARBON DISULFIDE	75-15-0	6.64	<6.64	
CARBON TETRACHLORIDE	56-23-5	6.64	<6.64	
CHLOROBENZENE	108-90-7	6.64	<6.64	

MDL = Minimum Detection Limit Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City (Dry Well #1)
Date received: 7/27/09	Laboratory ID: 1181774
Date extracted: 7/29/09	Matrix: Soil
Date analyzed: 7/29/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CHLOROETHANE	75-00-3	6.64	<6.64	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	6.64	<6.64	
CHLOROFORM	67-66-3	6.64	<6.64	
CHLOROMETHANE	74-87-3	6.64	<6.64	
cis[Z]-1,2DICHLOROETHENE	156-59-2	6.64	<6.64	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	6.64	<6.64	
DIBROMOCHLOROMETHANE	124-48-1	6.64	<6.64	
DIBROMOMETHANE	74-95-3	6.64	<6.64	
DICHLORODIFLUOROMETHANE	75-71-8	6.64	<6.64	
ETHYLBENZENE	100-41-4	6.64	<6.64	
HEXACHLOROBUTADIENE	87-68-3	6.64	<6.64	
ISOPROPYLBENZENE	98-82-8	6.64	<6.64	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	6.64	<6.64	
METHYLENE CHLORIDE	75-09-2	6.64	<6.64	
MTBE	1634-04-4	6.64	<6.64	
NAPHTHALENE	91-20-3	6.64	<6.64	
n-BUTYLBENZENE	104-51-8	6.64	<6.64	
n-PROPYLBENZENE	103-65-1	6.64	<6.64	
o-XYLENE	95-47-6	6.64	<6.64	
p&m-XYLENE	1330-20-7	13.30	<13.30	
p-ISOPROPYLTOLUENE	99-87-6	6.64	<6.64	
sec-BUTYLBENZENE	135-98-8	6.64	<6.64	
STYRENE	100-42-5	6.64	<6.64	
tert-BUTYLBENZENE	98-06-6	6.64	<6.64	
TETRACHLOROETHYLENE	127-18-4	6.64	<6.64	
TOLUENE	108-88-3	6.64	<6.64	
trans[E]-1,2-DICHLOROETHENE	156-60-5	6.64	<6.64	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	6.64	<6.64	
TRICHLOROETHYLENE	79-01-6	6.64	<6.64	
TRICHLOROMONOFLUOROMETHANE	75-69-4	6.64	<6.64	
VINYL ACETATE	108-05-4	6.64	<6.64	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City (Dry Well #1)
Date received: 7/27/09	Laboratory ID: 1181774
Date extracted: 7/31/09	Matrix: Soil
Date analyzed: 7/31/09	ELAP #: 11693

EPA METHOD 8270C(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
bis(2-CHLOROETHYL)ETHER	111-44-4	53.20	<1,063	3.B 4.B
1.3-DICHLOROBENZENE	541-73-1	53.20	<1,063	3.B 4.B
1.4-DICHLOROBENZENE	106-46-7	53.20	<1,063	3.B 4.B
1,2-DICHLOROBENZENE	95-50-1	53.20	<1,063	3.B 4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	53.20	<1,063	3.B 4.B
HEXACHLOROETHANE	67-72-1	53.20	<1,063	3.B 4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	53.20	<1,063	3.B 4.B
NITROBENZENE	98-95-3	53.20	<1,063	3.B 4.B
ISOPHORONE	78-59-1	53.20	<1,063	3.B 4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	53.20	<1,063	3.B 4.B
1,2,4-TRICHLOROBENZENE	120-82-1	53.20	<1,063	3.B 4.B
NAPHTHALENE	91-20-3	53.20	<1,063	3.B 4.B
HEXACHLOROBUTADIENE	87-68-3	53.20	<1,063	3.B 4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	53.20	<1,063	3.B 4.B
2-CHLORONAPHTHALENE	91-58-7	53.20	<1,063	3.B 4.B
ACENAPHTHYLENE	208-96-8	53.20	<1,063	3.B 4.B
DIMETHYLPHTHALATE	131-11-3	53.20	<1,063	3.B 4.B
2,6-DINITROTOLUENE	606-20-2	53.20	<1,063	3.B 4.B
ACENAPHTHENE	83-32-9	53.20	1,382	4.B
2,4-DINITROTOLUENE	121-14-2	53.20	<1,063	3.B 4.B
FLUORENE	86-73-7	53.20	1,488	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	53.20	<1,063	3.B 4.B
DIETHYLPHTHALATE	84-66-2	53.20	1,453	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	53.20	<1,063	3.B 4.B
HEXACHLOROBENZENE	118-74-1	53.20	<1,063	3.B 4.B
PHENANTHRENE	85-01-8	53.20	31,559	
ANTHRACENE	120-12-7	53.20	6,415	
DI-n-BUTYLPHTHALATE	84-74-2	664	<13,289	3.B
FLUORANTHENE	206-44-0	53.20	85,694	
PYRENE	129-00-0	53.20	67,035	
BUTYLBENZYLPHTHALATE	85-68-7	53.20	<1,063	3.B 4.B
CHRYSENE	218-01-9	53.20	48,943	
BENZO-a-ANTHRACENE	56-55-3	53.20	34,678	
3,3-DICHLOROBENZIDINE	91-94-1	53.20	<1,063	3.B 4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	664	<13,289	3.B
DI-n-OCTYLPHTHALATE	117-84-0	53.20	<1,063	3.B 4.B

MDL = Minimum Detection Limit

Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City (Dry Well #1)
Date received: 7/27/09	Laboratory ID: 1181774
Date extracted: 7/31/09	Matrix: Soil
Date analyzed: 7/31/09	ELAP #: 11693

EPA Method 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
BENZO-b-FLUOROANTHENE	205-99-2	53.20	53,922	
BENZO-k-FLUOROANTHENE	207-08-9	53.20	41,199	
BENZO-a-PYRENE	50-32-8	53.20	48,517	
INDENO(1,2,3-c,d)PYRENE	193-39-5	53.20	40,171	
DIBENZO-a,h-ANTHRACENE	53-70-3	53.20	8,736	
BENZO-g,h,i-PERYLENE	191-24-2	53.20	36,556	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City (Dry Well #1)
Date received: 7/27/09	Laboratory ID: 1181774
Date analyzed: See Below	Matrix: Soil

Priority Pollutant Metals

PARAMETER	MDL mg/kg	Date Analyzed	RESULTS mg/kg	FLAG
ALUMINUM, Al	2.11	7/29/2009	3,458	4.F
ANTIMONY, Sb	2.11	7/29/2009	<2.11	4.G
ARSENIC, As	2.11	7/29/2009	<2.11	
BARIUM, Ba	4.26	7/29/2009	32.80	
BERYLLIUM, Be	2.11	7/29/2009	<2.11	
CADMIUM, Cd	1.28	7/29/2009	<1.28	
CALCIUM, Ca	2.11	7/29/2009	4,657	4.F
CHROMIUM, Cr	2.11	7/29/2009	27.80	
COBALT, Co	2.11	7/29/2009	5.03	
COPPER, Cu	2.11	7/29/2009	38.70	4.G
IRON, Fe	2.11	7/29/2009	9,516	4.F
LEAD, Pb	2.11	7/29/2009	117	4.G
MAGNESIUM, Mg	2.11	7/29/2009	2,329	4.F
MANGANESE, Mn	2.11	7/29/2009	93.70	4.F
MERCURY, Hg•	0.02	7/30/2009	0.087	
NICKEL, Ni	2.11	7/29/2009	12.80	
POTASSIUM, K	2.11	7/29/2009	248	4.F
SELENIUM, Se	2.11	7/29/2009	<2.11	
SILVER, Ag	2.11	7/29/2009	<2.11	
SODIUM, Na	2.11	7/29/2009	110	4.F
THALIUM, Tl	2.11	7/29/2009	<2.11	
VANADIUM, V	2.11	7/29/2009	25.90	
ZINC, Zn	2.11	7/29/2009	361	4.G

MDL = Minimum Detection Limit
Performed by SW-846 Method 6010
•Method: EPA 7471A

Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City (Dry Well #2)
Date received: 7/27/09	Laboratory ID: 1181775
Date extracted: 7/29/09	Matrix: Soil
Date analyzed: 7/29/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	7.99	<7.99	
1,1,1-TRICHLOROETHANE	71-55-6	7.99	<7.99	
1,1,2,2-TETRACHLOROETHANE	79-34-5	7.99	<7.99	
1,1,2-TRICHLOROETHANE	79-00-5	7.99	<7.99	
1,1-DICHLOROETHANE	75-34-3	7.99	<7.99	
1,1-DICHLOROETHENE	75-35-4	7.99	<7.99	
1,1-DICHLOROPROPENE	563-58-6	7.99	<7.99	
1,2,3-TRICHLOROBENZENE	87-61-6	7.99	<7.99	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	7.99	<7.99	
1,2,4-TRICHLOROBENZENE	120-82-1	7.99	<7.99	
1,2,4-TRIMETHYLBENZENE	95-63-6	7.99	<7.99	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	7.99	<7.99	
1,2-DIBROMOETHANE	106-93-4	7.99	<7.99	
1,2-DICHLOROBENZENE	95-50-1	7.99	<7.99	
1,2-DICHLOROETHANE	107-06-2	7.99	<7.99	
1,2-DICHLOROPROPANE	78-87-5	7.99	<7.99	
1,3,5-TRIMETHYLBENZENE	108-67-8	7.99	<7.99	
1,3-DICHLOROBENZENE	541-73-1	7.99	<7.99	
1,3-DICHLOROPROPANE	142-28-9	7.99	<7.99	
1,4-DICHLOROBENZENE	106-46-7	7.99	<7.99	
2,2-DICHLOROPROPANE	594-20-7	7.99	<7.99	
2-BUTANONE (MEK)	78-93-3	16	<16	
2-CHLOROETHYL VINYL ETHER	110-75-8	7.99	<7.99	
2-CHLOROTOLUENE	95-49-8	7.99	<7.99	
2-HEXANONE	591-78-6	7.99	<7.99	
4-CHLOROTOLUENE	106-43-4	7.99	<7.99	
ACETONE	67-64-1	79.90	<79.90	
BENZENE	71-43-2	7.99	<7.99	
BROMOBENZENE	108-86-1	7.99	<7.99	
BROMOCHLOROMETHANE	74-97-5	7.99	<7.99	
BROMODICHLOROMETHANE	75-27-4	7.99	<7.99	
BROMOFORM	75-25-2	7.99	<7.99	
BROMOMETHANE	74-83-9	7.99	<7.99	
CARBON DISULFIDE	75-15-0	7.99	<7.99	
CARBON TETRACHLORIDE	56-23-5	7.99	<7.99	
CHLOROBENZENE	108-90-7	7.99	<7.99	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City (Dry Well #2)
Date received: 7/27/09	Laboratory ID: 1181775
Date extracted: 7/29/09	Matrix: Soil
Date analyzed: 7/29/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CHLOROETHANE	75-00-3	7.99	<7.99	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	7.99	<7.99	
CHLOROFORM	67-66-3	7.99	<7.99	
CHLOROMETHANE	74-87-3	7.99	<7.99	
cis[Z]-1,2DICHLOROETHENE	156-59-2	7.99	<7.99	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	7.99	<7.99	
DIBROMOCHLOROMETHANE	124-48-1	7.99	<7.99	
DIBROMOMETHANE	74-95-3	7.99	<7.99	
DICHLORODIFLUOROMETHANE	75-71-8	7.99	<7.99	
ETHYLBENZENE	100-41-4	7.99	<7.99	
HEXACHLOROBUTADIENE	87-68-3	7.99	<7.99	
ISOPROPYLBENZENE	98-82-8	7.99	<7.99	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	7.99	<7.99	
METHYLENE CHLORIDE	75-09-2	7.99	<7.99	
MTBE	1634-04-4	7.99	<7.99	
NAPHTHALENE	91-20-3	7.99	14.90	
n-BUTYLBENZENE	104-51-8	7.99	<7.99	
n-PROPYLBENZENE	103-65-1	7.99	<7.99	
o-XYLENE	95-47-6	7.99	<7.99	
p&m-XYLENE	1330-20-7	16	<16	
p-ISOPROPYLTOLUENE	99-87-6	7.99	<7.99	
sec-BUTYLBENZENE	135-98-8	7.99	<7.99	
STYRENE	100-42-5	7.99	<7.99	
tert-BUTYLBENZENE	98-06-6	7.99	<7.99	
TETRACHLOROETHYLENE	127-18-4	7.99	<7.99	
TOLUENE	108-88-3	7.99	<7.99	
trans[E]-1,2-DICHLOROETHENE	156-60-5	7.99	<7.99	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	7.99	<7.99	
TRICHLOROETHYLENE	79-01-6	7.99	<7.99	
TRICHLOROMONOFLUOROMETHANE	75-69-4	7.99	<7.99	
VINYL ACETATE	108-05-4	7.99	<7.99	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City (Dry Well #2)
Date received: 7/27/09	Laboratory ID: 1181775
Date extracted: 7/31/09	Matrix: Soil
Date analyzed: 7/31/09	ELAP #: 11693

EPA METHOD 8270C(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
bis(2-CHLOROETHYL)ETHER	111-44-4	63.90	<6,390	3.B 4.B
1,3-DICHLOROBENZENE	541-73-1	63.90	<6,390	3.B 4.B
1,4-DICHLOROBENZENE	106-46-7	63.90	<6,390	3.B 4.B
1,2-DICHLOROBENZENE	95-50-1	63.90	<6,390	3.B 4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	63.90	<6,390	3.B 4.B
HEXACHLOROETHANE	67-72-1	63.90	<6,390	3.B 4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	63.90	<6,390	3.B 4.B
NITROBENZENE	98-95-3	63.90	<6,390	3.B 4.B
ISOPHORONE	78-59-1	63.90	<6,390	3.B 4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	63.90	<6,390	3.B 4.B
1,2,4-TRICHLOROBENZENE	120-82-1	63.90	<6,390	3.B 4.B
NAPHTHALENE	91-20-3	63.90	<6,390	3.B 4.B
HEXACHLOROBUTADIENE	87-68-3	63.90	<6,390	3.B 4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	63.90	<6,390	3.B 4.B
2-CHLORONAPHTHALENE	91-58-7	63.90	<6,390	3.B 4.B
ACENAPHTHYLENE	208-96-8	63.90	<6,390	3.B 4.B
DIMETHYLPHTHALATE	131-11-3	63.90	<6,390	3.B 4.B
2,6-DINITROTOLUENE	606-20-2	63.90	<6,390	3.B 4.B
ACENAPHTHENE	83-32-9	63.90	23,004	
2,4-DINITROTOLUENE	121-14-2	63.90	<6,390	3.B 4.B
FLUORENE	86-73-7	63.90	35,678	
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	63.90	<6,390	3.B 4.B
DIETHYLPHTHALATE	84-66-2	63.90	<6,390	3.B 4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	63.90	<6,390	3.B 4.B
HEXACHLOROBENZENE	118-74-1	63.90	<6,390	3.B 4.B
PHENANTHRENE	85-01-8	63.90	256,452	
ANTHRACENE	120-12-7	63.90	36,742	
DI-n-BUTYLPHTHALATE	84-74-2	799	<79,872	3.B
FLUORANTHENE	206-44-0	63.90	388,086	
PYRENE	129-00-0	63.90	268,700	
BUTYLBENZYLPHTHALATE	85-68-7	63.90	<6,390	3.B 4.B
CHRYSENE	218-01-9	63.90	167,418	
BENZO-a-ANTHRACENE	56-55-3	63.90	89,780	
3,3-DICHLOROBENZIDINE	91-94-1	63.90	<6,390	3.B 4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	799	<79,872	3.B
DI-n-OCTYLPHTHALATE	117-84-0	63.90	<6,390	3.B 4.B

MDL = Minimum Detection Limit

Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City (Dry Well #2)
Date received: 7/27/09	Laboratory ID: 1181775
Date extracted: 7/31/09	Matrix: Soil
Date analyzed: 7/31/09	ELAP #: 11693

EPA Method 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
BENZO-b-FLUOROANTHENE	205-99-2	63.90	162,200	
BENZO-k-FLUOROANTHENE	207-08-9	63.90	113,422	
BENZO-a-PYRENE	50-32-8	63.90	126,842	
INDENO(1,2,3-c,d)PYRENE	193-39-5	63.90	98,406	
DIBENZO-a,h-ANTHRACENE	53-70-3	63.90	20,235	4.B
BENZO-g,h,i-PERYLENE	191-24-2	63.90	82,964	

MDL = Minimum Detection Limit

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Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City (Dry Well #2)
Date received: 7/27/09	Laboratory ID: 1181775
Date analyzed: See Below	Matrix: Soil

Priority Pollutant Metals

PARAMETER	MDL mg/kg	Date Analyzed	RESULTS mg/kg	FLAG
ALUMINUM, Al	2.49	7/29/2009	4,157	4.F
ANTIMONY, Sb	2.49	7/29/2009	<2.49	4.G
ARSENIC, As	2.49	7/29/2009	<2.49	
BARIUM, Ba	5.03	7/29/2009	32.60	
BERYLLIUM, Be	2.49	7/29/2009	<2.49	
CADMIUM, Cd	1.51	7/29/2009	1.74	
CALCIUM, Ca	2.49	7/29/2009	2,406	4.F
CHROMIUM, Cr	2.49	7/29/2009	30.90	
COBALT, Co	2.49	7/29/2009	3.33	
COPPER, Cu	2.49	7/29/2009	48.70	4.G
IRON, Fe	2.49	7/29/2009	5,843	4.F
LEAD, Pb	2.49	7/29/2009	143	4.G
MAGNESIUM, Mg	2.49	7/29/2009	1,453	4.F
MANGANESE, Mn	2.49	7/29/2009	33.40	4.F
MERCURY, Hg•	0.04	7/30/2009	0.078	
NICKEL, Ni	2.49	7/29/2009	13.20	
POTASSIUM, K	2.49	7/29/2009	308	4.F
SELENIUM, Se	2.49	7/29/2009	<2.49	
SILVER, Ag	2.49	7/29/2009	<2.49	
SODIUM, Na	2.49	7/29/2009	81	4.F
THALIUM, Tl	2.49	7/29/2009	<2.49	
VANADIUM, V	2.49	7/29/2009	22.90	
ZINC, Zn	2.49	7/29/2009	258	4.G

MDL = Minimum Detection Limit
Performed by SW-846 Method 6010
•Method: EPA 7471A

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City (Dry Well #14)
Date received: 7/27/09	Laboratory ID: 1181776
Date extracted: 7/29/09	Matrix: Soil
Date analyzed: 7/29/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	7.43	<7.43	
1,1,1-TRICHLOROETHANE	71-55-6	7.43	<7.43	
1,1,2,2-TETRACHLOROETHANE	79-34-5	7.43	<7.43	
1,1,2-TRICHLOROETHANE	79-00-5	7.43	<7.43	
1,1-DICHLOROETHANE	75-34-3	7.43	<7.43	
1,1-DICHLOROETHENE	75-35-4	7.43	<7.43	
1,1-DICHLOROPROPENE	563-58-6	7.43	<7.43	
1,2,3-TRICHLOROBENZENE	87-61-6	7.43	<7.43	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	7.43	<7.43	
1,2,4-TRICHLOROBENZENE	120-82-1	7.43	<7.43	
1,2,4-TRIMETHYLBENZENE	95-63-6	7.43	<7.43	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	7.43	<7.43	
1,2-DIBROMOETHANE	106-93-4	7.43	<7.43	
1,2-DICHLOROBENZENE	95-50-1	7.43	<7.43	
1,2-DICHLOROETHANE	107-06-2	7.43	<7.43	
1,2-DICHLOROPROPANE	78-87-5	7.43	<7.43	
1,3,5-TRIMETHYLBENZENE	108-67-8	7.43	<7.43	
1,3-DICHLOROBENZENE	541-73-1	7.43	<7.43	
1,3-DICHLOROPROPANE	142-28-9	7.43	<7.43	
1,4-DICHLOROBENZENE	106-46-7	7.43	<7.43	
2,2-DICHLOROPROPANE	594-20-7	7.43	<7.43	
2-BUTANONE (MEK)	78-93-3	14.90	<14.90	
2-CHLOROETHYL VINYL ETHER	110-75-8	7.43	<7.43	
2-CHLOROTOLUENE	95-49-8	7.43	<7.43	
2-HEXANONE	591-78-6	7.43	<7.43	
4-CHLOROTOLUENE	106-43-4	7.43	<7.43	
ACETONE	67-64-1	74.30	<74.30	
BENZENE	71-43-2	7.43	<7.43	
BROMOBENZENE	108-86-1	7.43	<7.43	
BROMOCHLOROMETHANE	74-97-5	7.43	<7.43	
BROMODICHLOROMETHANE	75-27-4	7.43	<7.43	
BROMOFORM	75-25-2	7.43	<7.43	
BROMOMETHANE	74-83-9	7.43	<7.43	
CARBON DISULFIDE	75-15-0	7.43	<7.43	
CARBON TETRACHLORIDE	56-23-5	7.43	<7.43	
CHLOROBENZENE	108-90-7	7.43	<7.43	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City (Dry Well #14)
Date received: 7/27/09	Laboratory ID: 1181776
Date extracted: 7/29/09	Matrix: Soil
Date analyzed: 7/29/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CHLOROETHANE	75-00-3	7.43	<7.43	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	7.43	<7.43	
CHLOROFORM	67-66-3	7.43	<7.43	
CHLOROMETHANE	74-87-3	7.43	<7.43	
cis[Z]-1,2DICHLOROETHENE	156-59-2	7.43	<7.43	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	7.43	<7.43	
DIBROMOCHLOROMETHANE	124-48-1	7.43	<7.43	
DIBROMOMETHANE	74-95-3	7.43	<7.43	
DICHLORODIFLUOROMETHANE	75-71-8	7.43	<7.43	
ETHYLBENZENE	100-41-4	7.43	<7.43	
HEXACHLOROBUTADIENE	87-68-3	7.43	<7.43	
ISOPROPYLBENZENE	98-82-8	7.43	<7.43	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	7.43	<7.43	
METHYLENE CHLORIDE	75-09-2	7.43	<7.43	
MTBE	1634-04-4	7.43	<7.43	
NAPHTHALENE	91-20-3	7.43	<7.43	
n-BUTYLBENZENE	104-51-8	7.43	<7.43	
n-PROPYLBENZENE	103-65-1	7.43	<7.43	
o-XYLENE	95-47-6	7.43	<7.43	
p&m-XYLENE	1330-20-7	14.90	<14.90	
p-ISOPROPYLTOLUENE	99-87-6	7.43	<7.43	
sec-BUTYLBENZENE	135-98-8	7.43	<7.43	
STYRENE	100-42-5	7.43	<7.43	
tert-BUTYLBENZENE	98-06-6	7.43	<7.43	
TETRACHLOROETHYLENE	127-18-4	7.43	<7.43	
TOLUENE	108-88-3	7.43	<7.43	
trans[E]-1,2-DICHLOROETHENE	156-60-5	7.43	<7.43	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	7.43	<7.43	
TRICHLOROETHYLENE	79-01-6	7.43	<7.43	
TRICHLOROMONOFLUOROMETHANE	75-69-4	7.43	<7.43	
VINYL ACETATE	108-05-4	7.43	<7.43	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City (Dry Well #14)
Date received: 7/27/09	Laboratory ID: 1181776
Date extracted: 7/31/09	Matrix: Soil
Date analyzed: 7/31/09	ELAP #: 11693

EPA METHOD 8270C(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
bis(2-CHLOROETHYL)ETHER	111-44-4	59.40	<1,188	3.B 4.B
1,3-DICHLOROBENZENE	541-73-1	59.40	<1,188	3.B 4.B
1,4-DICHLOROBENZENE	106-46-7	59.40	<1,188	3.B 4.B
1,2-DICHLOROBENZENE	95-50-1	59.40	<1,188	3.B 4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	59.40	<1,188	3.B 4.B
HEXACHLOROETHANE	67-72-1	59.40	<1,188	3.B 4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	59.40	<1,188	3.B 4.B
NITROBENZENE	98-95-3	59.40	<1,188	3.B 4.B
ISOPHORONE	78-59-1	59.40	<1,188	3.B 4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	59.40	<1,188	3.B 4.B
1,2,4-TRICHLOROBENZENE	120-82-1	59.40	<1,188	3.B 4.B
NAPHTHALENE	91-20-3	59.40	<1,188	3.B 4.B
HEXACHLOROBUTADIENE	87-68-3	59.40	<1,188	3.B 4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	59.40	<1,188	3.B 4.B
2-CHLORONAPHTHALENE	91-58-7	59.40	<1,188	3.B 4.B
ACENAPHTHYLENE	208-96-8	59.40	<1,188	3.B 4.B
DIMETHYLPHTHALATE	131-11-3	59.40	<1,188	3.B 4.B
2,6-DINITROTOLUENE	606-20-2	59.40	<1,188	3.B 4.B
ACENAPHTHENE	83-32-9	59.40	1,327	4.B
2,4-DINITROTOLUENE	121-14-2	59.40	<1,188	3.B 4.B
FLUORENE	86-73-7	59.40	1,564	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	59.40	<1,188	3.B 4.B
DIETHYLPHTHALATE	84-66-2	59.40	<1,188	3.B 4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	59.40	<1,188	3.B 4.B
HEXACHLOROBENZENE	118-74-1	59.40	<1,188	3.B 4.B
PHENANTHRENE	85-01-8	59.40	31,304	
ANTHRACENE	120-12-7	59.40	3,821	4.B
DI-n-BUTYLPHTHALATE	84-74-2	743	<14,852	3.B
FLUORANTHENE	206-44-0	59.40	91,476	
PYRENE	129-00-0	59.40	66,904	
BUTYLBENZYLPHTHALATE	85-68-7	59.40	<1,188	3.B 4.B
CHRYSENE	218-01-9	59.40	54,113	
BENZO-a-ANTHRACENE	56-55-3	59.40	23,582	
3,3-DICHLOROBENZIDINE	91-94-1	59.40	<1,188	3.B 4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	743	<14,852	3.B
DI-n-OCTYLPHTHALATE	117-84-0	59.40	<1,188	3.B 4.B

MDL = Minimum Detection Limit

Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City (Dry Well #14)
Date received: 7/27/09	Laboratory ID: 1181776
Date extracted: 7/31/09	Matrix: Soil
Date analyzed: 7/31/09	ELAP #: 11693

EPA Method 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
BENZO-b-FLUOROANTHENE	205-99-2	59.40	66,805	
BENZO-k-FLUOROANTHENE	207-08-9	59.40	35,343	
BENZO-a-PYRENE	50-32-8	59.40	41,342	
INDENO(1,2,3-c,d)PYRENE	193-39-5	59.40	43,065	
DIBENZO-a,h-ANTHRACENE	53-70-3	59.40	7,821	
BENZO-g,h,i-PERYLENE	191-24-2	59.40	36,907	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
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Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City (Dry Well #14)
Date received: 7/27/09	Laboratory ID: 1181776
Date analyzed: See Below	Matrix: Soil

Priority Pollutant Metals

PARAMETER	MDL mg/kg	Date Analyzed	RESULTS mg/kg	FLAG
ALUMINUM, Al	2.20	7/29/2009	3,855	4.F
ANTIMONY, Sb	2.20	7/29/2009	<2.20	4.G
ARSENIC, As	2.20	7/29/2009	<2.20	
BARIUM, Ba	4.44	7/29/2009	23.60	
BERYLLIUM, Be	2.20	7/29/2009	<2.20	
CADMIUM, Cd	1.33	7/29/2009	<1.33	
CALCIUM, Ca	2.20	7/29/2009	1 983	4.F
CHROMIUM, Cr	2.20	7/29/2009	24.20	
COBALT, Co	2.20	7/29/2009	2.76	
COPPER, Cu	2.20	7/29/2009	40.20	4.G
IRON, Fe	2.20	7/29/2009	7,558	4.F
LEAD, Pb	2.20	7/29/2009	77.80	4.G
MAGNESIUM, Mg	2.20	7/29/2009	1.323	4.F
MANGANESE, Mn	2.20	7/29/2009	36.50	4.F
MERCURY, Hg•	0.03	7/30/2009	0.075	
NICKEL, Ni	2.20	7/29/2009	9.77	
POTASSIUM, K	2.20	7/29/2009	289	4.F
SELENIUM, Se	2.20	7/29/2009	<2.20	
SILVER, Ag	2.20	7/29/2009	<2.20	
SODIUM, Na	2.20	7/29/2009	50.70	4.F
THALIUM, Tl	2.20	7/29/2009	<2.20	
VANADIUM, V	2.20	7/29/2009	18	
ZINC, Zn	2.20	7/29/2009	158	4.G

MDL = Minimum Detection Limit

Performed by SW-846 Method 6010

•Method: EPA 7471A

Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City (Dry Well #16)
Date received: 7/27/09	Laboratory ID: 1181777
Date extracted: 7/29/09	Matrix: Soil
Date analyzed: 7/29/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5.22	<5.22	
1,1,1-TRICHLOROETHANE	71-55-6	5.22	<5.22	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.22	<5.22	
1,1,2-TRICHLOROETHANE	79-00-5	5.22	<5.22	
1,1-DICHLOROETHANE	75-34-3	5.22	<5.22	
1,1-DICHLOROETHENE	75-35-4	5.22	<5.22	
1,1-DICHLOROPROPENE	563-58-6	5.22	<5.22	
1,2,3-TRICHLOROBENZENE	87-61-6	5.22	<5.22	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5.22	<5.22	
1,2,4-TRICHLOROBENZENE	120-82-1	5.22	<5.22	
1,2,4-TRIMETHYLBENZENE	95-63-6	5.22	<5.22	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5.22	<5.22	
1,2-DIBROMOETHANE	106-93-4	5.22	<5.22	
1,2-DICHLOROBENZENE	95-50-1	5.22	<5.22	
1,2-DICHLOROETHANE	107-06-2	5.22	<5.22	
1,2-DICHLOROPROPANE	78-87-5	5.22	<5.22	
1,3,5-TRIMETHYLBENZENE	108-67-8	5.22	<5.22	
1,3-DICHLOROBENZENE	541-73-1	5.22	<5.22	
1,3-DICHLOROPROPANE	142-28-9	5.22	<5.22	
1,4-DICHLOROBENZENE	106-46-7	5.22	<5.22	
2,2-DICHLOROPROPANE	594-20-7	5.22	<5.22	
2-BUTANONE (MEK)	78-93-3	10.40	<10.40	
2-CHLOROETHYL VINYL ETHER	110-75-8	5.22	<5.22	
2-CHLOROTOLUENE	95-49-8	5.22	<5.22	
2-HEXANONE	591-78-6	5.22	<5.22	
4-CHLOROTOLUENE	106-43-4	5.22	<5.22	
ACETONE	67-64-1	52.20	<52.20	
BENZENE	71-43-2	5.22	<5.22	
BROMOBENZENE	108-86-1	5.22	<5.22	
BROMOCHLOROMETHANE	74-97-5	5.22	<5.22	
BROMODICHLOROMETHANE	75-27-4	5.22	<5.22	
BROMOFORM	75-25-2	5.22	<5.22	
BROMOMETHANE	74-83-9	5.22	<5.22	
CARBON DISULFIDE	75-15-0	5.22	<5.22	
CARBON TETRACHLORIDE	56-23-5	5.22	<5.22	
CHLOROBENZENE	108-90-7	5.22	<5.22	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City (Dry Well #16)
Date received: 7/27/09	Laboratory ID: 1181777
Date extracted: 7/29/09	Matrix: Soil
Date analyzed: 7/29/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CHLOROETHANE	75-00-3	5.22	<5.22	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5.22	<5.22	
CHLOROFORM	67-66-3	5.22	<5.22	
CHLOROMETHANE	74-87-3	5.22	<5.22	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5.22	<5.22	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5.22	<5.22	
DIBROMOCHLOROMETHANE	124-48-1	5.22	<5.22	
DIBROMOMETHANE	74-95-3	5.22	<5.22	
DICHLORODIFLUOROMETHANE	75-71-8	5.22	<5.22	
ETHYLBENZENE	100-41-4	5.22	<5.22	
HEXACHLOROBUTADIENE	87-68-3	5.22	<5.22	
ISOPROPYLBENZENE	98-82-8	5.22	<5.22	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5.22	<5.22	
METHYLENE CHLORIDE	75-09-2	5.22	<5.22	
MTBE	1634-04-4	5.22	<5.22	
NAPHTHALENE	91-20-3	5.22	<5.22	
n-BUTYLBENZENE	104-51-8	5.22	<5.22	
n-PROPYLBENZENE	103-65-1	5.22	<5.22	
o-XYLENE	95-47-6	5.22	<5.22	
p&m-XYLENE	1330-20-7	10.40	<10.40	
p-ISOPROPYLTOLUENE	99-87-6	5.22	<5.22	
sec-BUTYLBENZENE	135-98-8	5.22	<5.22	
STYRENE	100-42-5	5.22	<5.22	
tert-BUTYLBENZENE	98-06-6	5.22	<5.22	
TETRACHLOROETHYLENE	127-18-4	5.22	<5.22	
TOLUENE	108-88-3	5.22	<5.22	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5.22	<5.22	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5.22	<5.22	
TRICHLOROETHYLENE	79-01-6	5.22	<5.22	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5.22	<5.22	
VINYL ACETATE	108-05-4	5.22	<5.22	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City (Dry Well #16)
Date received: 7/27/09	Laboratory ID: 1181777
Date extracted: 7/31/09	Matrix: Soil
Date analyzed: 7/31/09	ELAP #: 11693

EPA METHOD 8270C(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
bis(2-CHLOROETHYL)ETHER	111-44-4	41.70	<41.70	4,B
1,3-DICHLOROBENZENE	541-73-1	41.70	<41.70	4,B
1,4-DICHLOROBENZENE	106-46-7	41.70	<41.70	4,B
1,2-DICHLOROBENZENE	95-50-1	41.70	<41.70	4,B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	41.70	<41.70	4,B
HEXACHLOROETHANE	67-72-1	41.70	<41.70	4,B
n-NITROSODI-n-PROPYLAMINE	621-64-7	41.70	<41.70	4,B
NITROBENZENE	98-95-3	41.70	<41.70	4,B
ISOPHORONE	78-59-1	41.70	<41.70	4,B
bis(2-CHLOROETHOXY)METHANE	111-91-1	41.70	<41.70	4,B
1,2,4-TRICHLOROBENZENE	120-82-1	41.70	<41.70	4,B
NAPHTHALENE	91-20-3	41.70	<41.70	4,B
HEXACHLOROBUTADIENE	87-68-3	41.70	<41.70	4,B
HEXACHLOROCYCLOPENTADIENE	77-47-4	41.70	<41.70	4,B
2-CHLORONAPHTHALENE	91-58-7	41.70	<41.70	4,B
ACENAPHTHYLENE	208-96-8	41.70	<41.70	4,B
DIMETHYLPHTHALATE	131-11-3	41.70	<41.70	4,B
2,6-DINITROTOLUENE	606-20-2	41.70	<41.70	4,B
ACENAPHTHENE	83-32-9	41.70	<41.70	4,B
2,4-DINITROTOLUENE	121-14-2	41.70	<41.70	4,B
FLUORENE	86-73-7	41.70	<41.70	4,B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	41.70	<41.70	4,B
DIETHYLPHTHALATE	84-66-2	41.70	<41.70	4,B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	41.70	<41.70	4,B
HEXACHLOROBENZENE	118-74-1	41.70	<41.70	4,B
PHENANTHRENE	85-01-8	41.70	515	
ANTHRACENE	120-12-7	41.70	73.10	4,B
DI-n-BUTYLPHTHALATE	84-74-2	522	<522	
FLUORANTHENE	206-44-0	41.70	1,787	
PYRENE	129-00-0	41.70	1,396	
BUTYLBENZYLPHTHALATE	85-68-7	41.70	<41.70	4,B
CHRYSENE	218-01-9	41.70	1,109	
BENZO-a-ANTHRACENE	56-55-3	41.70	514	
3,3-DICHLOROBENZIDINE	91-94-1	41.70	<41.70	4,B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	522	<522	
DI-n-OCTYLPHTHALATE	117-84-0	41.70	<41.70	4,B

MDL = Minimum Detection Limit

Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City (Dry Well #16)
Date received: 7/27/09	Laboratory ID: 1181777
Date extracted: 7/31/09	Matrix: Soil
Date analyzed: 7/31/09	ELAP #: 11693

EPA Method 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
BENZO-b-FLUOROANTHENE	205-99-2	41.70	1,367	
BENZO-k-FLUOROANTHENE	207-08-9	41.70	929	
BENZO-a-PYRENE	50-32-8	41.70	1,016	
INDENO(1,2,3-c,d)PYRENE	193-39-5	41.70	1,015	
DIBENZO-a,h-ANTHRACENE	53-70-3	41.70	181	
BENZO-g,h,i-PERYLENE	191-24-2	41.70	955	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City (Dry Well #16)
Date received: 7/27/09	Laboratory ID: 1181777
Date analyzed: See Below	Matrix: Soil

Priority Pollutant Metals

PARAMETER	MDL mg/kg	Date Analyzed	RESULTS mg/kg	FLAG
ALUMINUM, Al	1.65	7/29/2009	1,202	4.F
ANTIMONY, Sb	1.65	7/29/2009	<1.65	4.G
ARSENIC, As	1.65	7/29/2009	1.85	
BARIUM, Ba	3.33	7/29/2009	5.51	
BERYLLIUM, Be	1.65	7/29/2009	<1.65	
CADMIUM, Cd	1.00	7/29/2009	<1.00	
CALCIUM, Ca	1.65	7/29/2009	141	4.F
CHROMIUM, Cr	1.65	7/29/2009	5.10	
COBALT, Co	1.65	7/29/2009	<1.65	
COPPER, Cu	1.65	7/29/2009	3.55	4.G
IRON, Fe	1.65	7/29/2009	6,532	4.F
LEAD, Pb	1.65	7/29/2009	4.62	4.G
MAGNESIUM, Mg	1.65	7/29/2009	223	4.F
MANGANESE, Mn	1.65	7/29/2009	41.30	4.F
MERCURY, Hg•	0.02	7/30/2009	<0.20	
NICKEL, Ni	1.65	7/29/2009	2.12	
POTASSIUM, K	1.65	7/29/2009	134	4.F
SELENIUM, Se	1.65	7/29/2009	<1.65	
SILVER, Ag	1.65	7/29/2009	<1.65	
SODIUM, Na	1.65	7/29/2009	10.90	4.F
THALIUM, Tl	1.65	7/29/2009	<1.65	
VANADIUM, V	1.65	7/29/2009	9.71	
ZINC, Zn	1.65	7/29/2009	18.40	4.G

MDL = Minimum Detection Limit
Performed by SW-846 Method 6010
•Method: EPA 7471A

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: AVIS, Garden City (DW-19)
Date received: 7/27/09	Laboratory ID: 1181778
Date extracted: 7/29/09	Matrix: Soil
Date analyzed: 7/29/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	9.49	<9.49	
1,1,1-TRICHLOROETHANE	71-55-6	9.49	<9.49	
1,1,2,2-TETRACHLOROETHANE	79-34-5	9.49	<9.49	
1,1,2-TRICHLOROETHANE	79-00-5	9.49	<9.49	
1,1-DICHLOROETHANE	75-34-3	9.49	<9.49	
1,1-DICHLOROETHENE	75-35-4	9.49	<9.49	
1,1-DICHLOROPROPENE	563-58-6	9.49	<9.49	
1,2,3-TRICHLOROBENZENE	87-61-6	9.49	<9.49	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	9.49	<9.49	
1,2,4-TRICHLOROBENZENE	120-82-1	9.49	<9.49	
1,2,4-TRIMETHYLBENZENE	95-63-6	9.49	<9.49	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	9.49	<9.49	
1,2-DIBROMOETHANE	106-93-4	9.49	<9.49	
1,2-DICHLOROBENZENE	95-50-1	9.49	<9.49	
1,2-DICHLOROETHANE	107-06-2	9.49	<9.49	
1,2-DICHLOROPROPANE	78-87-5	9.49	<9.49	
1,3,5-TRIMETHYLBENZENE	108-67-8	9.49	<9.49	
1,3-DICHLOROBENZENE	541-73-1	9.49	<9.49	
1,3-DICHLOROPROPANE	142-28-9	9.49	<9.49	
1,4-DICHLOROBENZENE	106-46-7	9.49	<9.49	
2,2-DICHLOROPROPANE	594-20-7	9.49	<9.49	
2-BUTANONE (MEK)	78-93-3	19	<19	
2-CHLOROETHYL VINYL ETHER	110-75-8	9.49	<9.49	
2-CHLOROTOLUENE	95-49-8	9.49	<9.49	
2-HEXANONE	591-78-6	9.49	<9.49	
4-CHLOROTOLUENE	106-43-4	9.49	<9.49	
ACETONE	67-64-1	94.90	<94.90	
BENZENE	71-43-2	9.49	<9.49	
BROMOBENZENE	108-86-1	9.49	<9.49	
BROMOCHLOROMETHANE	74-97-5	9.49	<9.49	
BROMODICHLOROMETHANE	75-27-4	9.49	<9.49	
BROMOFORM	75-25-2	9.49	<9.49	
BROMOMETHANE	74-83-9	9.49	<9.49	
CARBON DISULFIDE	75-15-0	9.49	<9.49	
CARBON TETRACHLORIDE	56-23-5	9.49	<9.49	
CHLOROBENZENE	108-90-7	9.49	<9.49	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: AVIS, Garden City (DW-19)
Date received: 7/27/09	Laboratory ID: 1181778
Date extracted: 7/29/09	Matrix: Soil
Date analyzed: 7/29/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CHLOROETHANE	75-00-3	9.49	<9.49	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	9.49	<9.49	
CHLOROFORM	67-66-3	9.49	<9.49	
CHLOROMETHANE	74-87-3	9.49	<9.49	
cis[Z]-1,2DICHLOROETHENE	156-59-2	9.49	<9.49	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	9.49	<9.49	
DIBROMOCHLOROMETHANE	124-48-1	9.49	<9.49	
DIBROMOMETHANE	74-95-3	9.49	<9.49	
DICHLORODIFLUOROMETHANE	75-71-8	9.49	<9.49	
ETHYLBENZENE	100-41-4	9.49	<9.49	
HEXACHLOROBUTADIENE	87-68-3	9.49	<9.49	
ISOPROPYLBENZENE	98-82-8	9.49	<9.49	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	9.49	<9.49	
METHYLENE CHLORIDE	75-09-2	9.49	<9.49	
MTBE	1634-04-4	9.49	<9.49	
NAPHTHALENE	91-20-3	9.49	<9.49	
n-BUTYLBENZENE	104-51-8	9.49	<9.49	
n-PROPYLBENZENE	103-65-1	9.49	<9.49	
o-XYLENE	95-47-6	9.49	<9.49	
p&m-XYLENE	1330-20-7	19	<19	
p-ISOPROPYLTOLUENE	99-87-6	9.49	<9.49	
sec-BUTYLBENZENE	135-98-8	9.49	<9.49	
STYRENE	100-42-5	9.49	<9.49	
tert-BUTYLBENZENE	98-06-6	9.49	<9.49	
TETRACHLOROETHYLENE	127-18-4	9.49	<9.49	
TOLUENE	108-88-3	9.49	<9.49	
trans[E]-1,2-DICHLOROETHENE	156-60-5	9.49	<9.49	
trans[E]-1.3-DICHLOROPROPENE	10061-02-6	9.49	<9.49	
TRICHLOROETHYLENE	79-01-6	9.49	<9.49	
TRICHLOROMONOFLUOROMETHANE	75-69-4	9.49	<9.49	
VINYL ACETATE	108-05-4	9.49	<9.49	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

Client: Soil Mechanics	Client ID: AVIS, Garden City (DW-19)
Date received: 7/27/09	Laboratory ID: 1181778
Date extracted: 8/3/09	Matrix: Soil
Date analyzed: 8/3/09	ELAP #: 11693

EPA METHOD 8270C(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
bis(2-CHLOROETHYL)ETHER	111-44-4	75.90	<1,519	3.B 4.B
1,3-DICHLOROBENZENE	541-73-1	75.90	<1,519	3.B 4.B
1,4-DICHLOROBENZENE	106-46-7	75.90	<1,519	3.B 4.B
1,2-DICHLOROBENZENE	95-50-1	75.90	<1,519	3.B 4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	75.90	<1,519	3.B 4.B
HEXACHLOROETHANE	67-72-1	75.90	<1,519	3.B 4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	75.90	<1,519	3.B 4.B
NITROBENZENE	98-95-3	75.90	<1,519	3.B 4.B
ISOPHORONE	78-59-1	75.90	<1,519	3.B 4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	75.90	<1,519	3.B 4.B
1,2,4-TRICHLOROBENZENE	120-82-1	75.90	<1,519	3.B 4.B
NAPHTHALENE	91-20-3	75.90	<1,519	3.B 4.B
HEXACHLOROBUTADIENE	87-68-3	75.90	<1,519	3.B 4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	75.90	<1,519	3.B 4.B
2-CHLORONAPHTHALENE	91-58-7	75.90	<1,519	3.B 4.B
ACENAPHTHYLENE	208-96-8	75.90	<1,519	3.B 4.B
DIMETHYLPHTHALATE	131-11-3	75.90	<1,519	3.B 4.B
2,6-DINITROTOLUENE	606-20-2	75.90	<1,519	3.B 4.B
ACENAPHTHENE	83-32-9	75.90	3,444	4.B
2,4-DINITROTOLUENE	121-14-2	75.90	<1,519	3.B 4.B
FLUORENE	86-73-7	75.90	4,178	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	75.90	<1,519	3.B 4.B
DIETHYLPHTHALATE	84-66-2	75.90	<1,519	3.B 4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	75.90	<1,519	3.B 4.B
HEXACHLOROBENZENE	118-74-1	75.90	<1,519	3.B 4.B
PHENANTHRENE	85-01-8	75.90	73,099	
ANTHRACENE	120-12-7	75.90	9,394	
DI-n-BUTYLPHTHALATE	84-74-2	949	<18,986	3.B
FLUORANTHENE	206-44-0	75.90	132,702	
PYRENE	129-00-0	75.90	96,773	
BUTYLBENZYLPHTHALATE	85-68-7	75.90	<1,519	3.B 4.B
CHRYSENE	218-01-9	75.90	68,668	
BENZO-a-ANTHRACENE	56-55-3	75.90	34,866	
3,3-DICHLOROBENZIDINE	91-94-1	75.90	<1,519	3.B 4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	949	<18,986	3.B
DI-n-OCTYLPHTHALATE	117-84-0	75.90	<1,519	3.B 4.B

MDL = Minimum Detection Limit

Calculated on a dry weight basis

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Soil Mechanics	Client ID: AVIS, Garden City (DW-19)
Date received: 7/27/09	Laboratory ID: 1181778
Date extracted: 8/3/09	Matrix: Soil
Date analyzed: 8/3/09	ELAP #: 11693

EPA Method 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
BENZO-b-FLUOROANTHENE	205-99-2	75.90	70,997	
BENZO-k-FLUOROANTHENE	207-08-9	75.90	42,563	
BENZO-a-PYRENE	50-32-8	75.90	51,476	
INDENO(1,2,3-c,d)PYRENE	193-39-5	75.90	48,057	
DIBENZO-a,h-ANTHRACENE	53-70-3	75.90	9,799	
BENZO-g,h,i-PERYLENE	191-24-2	75.90	44,538	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: AVIS, Garden City (DW-19)
Date received: 7/27/09	Laboratory ID: 1181778
Date analyzed: See Below	Matrix: Soil

Priority Pollutant Metals

PARAMETER	MDL mg/kg	Date Analyzed	RESULTS mg/kg	FLAG
ALUMINUM, Al	2.37	7/29/2009	7,058	4.F
ANTIMONY, Sb	2.37	7/29/2009	3.99	4.G
ARSENIC, As	2.37	7/29/2009	<2.37	
BARIUM, Ba	4.78	7/29/2009	44.10	
BERYLLIUM, Be	2.37	7/29/2009	<2.37	
CADMIUM, Cd	1.43	7/29/2009	<1.43	
CALCIUM, Ca	2.37	7/29/2009	2,342	4.F
CHROMIUM, Cr	2.37	7/29/2009	31.80	
COBALT, Co	2.37	7/29/2009	4.03	
COPPER, Cu	2.37	7/29/2009	204	4.G
IRON, Fe	2.37	7/29/2009	8,107	4.F
LEAD, Pb	2.37	7/29/2009	355	4.G
MAGNESIUM, Mg	2.37	7/29/2009	1,643	4.F
MANGANESE, Mn	2.37	7/29/2009	49.50	4.F
MERCURY, Hg•	0.05	7/30/2009	0.037	
NICKEL, Ni	2.37	7/29/2009	10.60	
POTASSIUM, K	2.37	7/29/2009	359	4.F
SELENIUM, Se	2.37	7/29/2009	<2.37	
SILVER, Ag	2.37	7/29/2009	<2.37	
SODIUM, Na	2.37	7/29/2009	154	4.F
THALIUM, Tl	2.37	7/29/2009	<2.37	
VANADIUM, V	2.37	7/29/2009	41	
ZINC, Zn	2.37	7/29/2009	766	4.G

MDL = Minimum Detection Limit
Performed by SW-846 Method 6010
•Method: EPA 7471A

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: AVIS, Garden City (DW-20)
Date received: 7/27/09	Laboratory ID: 1181779
Date extracted: 7/29/09	Matrix: Soil
Date analyzed: 7/29/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	7.02	<7.02	
1,1,1-TRICHLOROETHANE	71-55-6	7.02	<7.02	
1,1,2,2-TETRACHLOROETHANE	79-34-5	7.02	<7.02	
1,1,2-TRICHLOROETHANE	79-00-5	7.02	<7.02	
1,1-DICHLOROETHANE	75-34-3	7.02	<7.02	
1,1-DICHLOROETHENE	75-35-4	7.02	<7.02	
1,1-DICHLOROPROPENE	563-58-6	7.02	<7.02	
1,2,3-TRICHLOROBENZENE	87-61-6	7.02	<7.02	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	7.02	<7.02	
1,2,4-TRICHLOROBENZENE	120-82-1	7.02	<7.02	
1,2,4-TRIMETHYLBENZENE	95-63-6	7.02	<7.02	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	7.02	<7.02	
1,2-DIBROMOETHANE	106-93-4	7.02	<7.02	
1,2-DICHLOROBENZENE	95-50-1	7.02	<7.02	
1,2-DICHLOROETHANE	107-06-2	7.02	<7.02	
1,2-DICHLOROPROPANE	78-87-5	7.02	<7.02	
1,3,5-TRIMETHYLBENZENE	108-67-8	7.02	<7.02	
1,3-DICHLOROBENZENE	541-73-1	7.02	<7.02	
1,3-DICHLOROPROPANE	142-28-9	7.02	<7.02	
1,4-DICHLOROBENZENE	106-46-7	7.02	<7.02	
2,2-DICHLOROPROPANE	594-20-7	7.02	<7.02	
2-BUTANONE (MEK)	78-93-3	14	<14	
2-CHLOROETHYL VINYL ETHER	110-75-8	7.02	<7.02	
2-CHLOROTOLUENE	95-49-8	7.02	<7.02	
2-HEXANONE	591-78-6	7.02	<7.02	
4-CHLOROTOLUENE	106-43-4	7.02	<7.02	
ACETONE	67-64-1	70.20	<70.20	
BENZENE	71-43-2	7.02	<7.02	
BROMOBENZENE	108-86-1	7.02	<7.02	
BROMOCHLOROMETHANE	74-97-5	7.02	<7.02	
BROMODICHLOROMETHANE	75-27-4	7.02	<7.02	
BROMOFORM	75-25-2	7.02	<7.02	
BROMOMETHANE	74-83-9	7.02	<7.02	
CARBON DISULFIDE	75-15-0	7.02	<7.02	
CARBON TETRACHLORIDE	56-23-5	7.02	<7.02	
CHLOROBENZENE	108-90-7	7.02	<7.02	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: AVIS, Garden City (DW-20)
Date received: 7/27/09	Laboratory ID: 1181779
Date extracted: 7/29/09	Matrix: Soil
Date analyzed: 7/29/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CHLOROETHANE	75-00-3	7.02	<7.02	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	7.02	<7.02	
CHLOROFORM	67-66-3	7.02	<7.02	
CHLOROMETHANE	74-87-3	7.02	<7.02	
cis[Z]-1,2DICHLOROETHENE	156-59-2	7.02	<7.02	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	7.02	<7.02	
DIBROMOCHLOROMETHANE	124-48-1	7.02	<7.02	
DIBROMOMETHANE	74-95-3	7.02	<7.02	
DICHLORODIFLUOROMETHANE	75-71-8	7.02	<7.02	
ETHYLBENZENE	100-41-4	7.02	<7.02	
HEXACHLOROBUTADIENE	87-68-3	7.02	<7.02	
ISOPROPYLBENZENE	98-82-8	7.02	<7.02	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	7.02	<7.02	
METHYLENE CHLORIDE	75-09-2	7.02	<7.02	
MTBE	1634-04-4	7.02	<7.02	
NAPHTHALENE	91-20-3	7.02	<7.02	
n-BUTYLBENZENE	104-51-8	7.02	<7.02	
n-PROPYLBENZENE	103-65-1	7.02	<7.02	
o-XYLENE	95-47-6	7.02	<7.02	
p&m-XYLENE	1330-20-7	14	<14	
p-ISOPROPYLTOLUENE	99-87-6	7.02	<7.02	
sec-BUTYLBENZENE	135-98-8	7.02	<7.02	
STYRENE	100-42-5	7.02	<7.02	
tert-BUTYLBENZENE	98-06-6	7.02	<7.02	
TETRACHLOROETHYLENE	127-18-4	7.02	<7.02	
TOLUENE	108-88-3	7.02	<7.02	
trans[E]-1,2-DICHLOROETHENE	156-60-5	7.02	<7.02	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	7.02	<7.02	
TRICHLOROETHYLENE	79-01-6	7.02	<7.02	
TRICHLOROMONOFLUOROMETHANE	75-69-4	7.02	<7.02	
VINYL ACETATE	108-05-4	7.02	<7.02	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: AVIS, Garden City (DW-20)
Date received: 7/27/09	Laboratory ID: 1181779
Date extracted: 8/3/09	Matrix: Soil
Date analyzed: 8/3/09	ELAP #: 11693

EPA METHOD 8270C(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
bis(2-CHLOROETHYL)ETHER	111-44-4	56.10	<5,612	3.B 4.B
1,3-DICHLOROBENZENE	541-73-1	56.10	<5,612	3.B 4.B
1,4-DICHLOROBENZENE	106-46-7	56.10	<5,612	3.B 4.B
1,2-DICHLOROBENZENE	95-50-1	56.10	<5,612	3.B 4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	56.10	<5,612	3.B 4.B
HEXACHLOROETHANE	67-72-1	56.10	<5,612	3.B 4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	56.10	<5,612	3.B 4.B
NITROBENZENE	98-95-3	56.10	<5,612	3.B 4.B
ISOPHORONE	78-59-1	56.10	<5,612	3.B 4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	56.10	<5,612	3.B 4.B
1,2,4-TRICHLOROBENZENE	120-82-1	56.10	<5,612	3.B 4.B
NAPHTHALENE	91-20-3	56.10	<5,612	3.B 4.B
HEXACHLOROBUTADIENE	87-68-3	56.10	<5,612	3.B 4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	56.10	<5,612	3.B 4.B
2-CHLORONAPHTHALENE	91-58-7	56.10	<5,612	3.B 4.B
ACENAPHTHYLENE	208-96-8	56.10	<5,612	3.B 4.B
DIMETHYLPHTHALATE	131-11-3	56.10	<5,612	3.B 4.B
2,6-DINITROTOLUENE	606-20-2	56.10	<5,612	3.B 4.B
ACENAPHTHENE	83-32-9	56.10	<5,612	3.B 4.B
2,4-DINITROTOLUENE	121-14-2	56.10	<5,612	3.B 4.B
FLUORENE	86-73-7	56.10	<5,612	3.B 4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	56.10	<5,612	3.B 4.B
DIETHYLPHTHALATE	84-66-2	56.10	<5,612	3.B 4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	56.10	<5,612	3.B 4.B
HEXACHLOROBENZENE	118-74-1	56.10	<5,612	3.B 4.B
PHENANTHRENE	85-01-8	56.10	76,898	
ANTHRACENE	120-12-7	56.10	8,607	4.B
DI-n-BUTYLPHTHALATE	84-74-2	702	<70,156	3.B
FLUORANTHENE	206-44-0	56.10	210,394	
PYRENE	129-00-0	56.10	153,235	
BUTYLBENZYLPHTHALATE	85-68-7	56.10	<5,612	3.B 4.B
CHRYSENE	218-01-9	56.10	119,931	
BENZO-a-ANTHRACENE	56-55-3	56.10	55,662	
3,3-DICHLOROBENZIDINE	91-94-1	56.10	<5,612	3.B 4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	702	<70,156	3.B
DI-n-OCTYLPHTHALATE	117-84-0	56.10	<5,612	3.B 4.B

MDL = Minimum Detection Limit

Calculated on a dry weight basis

LONG ISLAND ANALYTICAL LABORATORIES INC.
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Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Soil Mechanics	Client ID: AVIS, Garden City (DW-20)
Date received: 7/27/09	Laboratory ID: 1181779
Date extracted: 8/3/09	Matrix: Soil
Date analyzed: 8/3/09	ELAP #: 11693

EPA Method 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
BENZO-b-FLUOROANTHENE	205-99-2	56.10	124,609	
BENZO-k-FLUOROANTHENE	207-08-9	56.10	85,785	
BENZO-a-PYRENE	50-32-8	56.10	85,037	
INDENO(1,2,3-c,d)PYRENE	193-39-5	56.10	87,002	
DIBENZO-a,h-ANTHRACENE	53-70-3	56.10	17,026	4.B
BENZO-g,h,i-PERYLENE	191-24-2	56.10	84,289	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: AVIS, Garden City (DW-20)
Date received: 7/27/09	Laboratory ID: 1181779
Date analyzed: See Below	Matrix: Soil

Priority Pollutant Metals

PARAMETER	MDL mg/kg	Date Analyzed	RESULTS mg/kg	FLAG
ALUMINUM, Al	2	7/29/2009	4,022	4.F
ANTIMONY, Sb	2	7/29/2009	<2	4.G
ARSENIC, As	2	7/29/2009	2.09	
BARIUM, Ba	4.04	7/29/2009	29	
BERYLLIUM, Be	2	7/29/2009	<2	
CADMIUM, Cd	1.21	7/29/2009	<1.21	
CALCIUM, Ca	2	7/29/2009	1,118	4.F
CHROMIUM, Cr	2	7/29/2009	27.90	
COBALT, Co	2	7/29/2009	2.89	
COPPER, Cu	2	7/29/2009	61.50	4.G
IRON, Fe	2	7/29/2009	7,349	4.F
LEAD, Pb	2	7/29/2009	113	4.G
MAGNESIUM, Mg	2	7/29/2009	937	4.F
MANGANESE, Mn	2	7/29/2009	32.90	4.F
MERCURY, Hg•	0.04	7/30/2009	0.096	
NICKEL, Ni	2	7/29/2009	12.80	
POTASSIUM, K	2	7/29/2009	298	4.F
SELENIUM, Se	2	7/29/2009	<2	
SILVER, Ag	2	7/29/2009	<2	
SODIUM, Na	2	7/29/2009	172	4.F
THALIUM, Tl	2	7/29/2009	<2	
VANADIUM, V	2	7/29/2009	32.90	
ZINC, Zn	2	7/29/2009	283	4.G

MDL = Minimum Detection Limit
Performed by SW-846 Method 6010
•Method: EPA 7471A

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

Client: Soil Mechanics	Client ID: AVIS, Garden City (DW-21)
Date received: 7/27/09	Laboratory ID: 1181780
Date extracted: 7/30/09	Matrix: Soil
Date analyzed: 7/30/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	7.54	<7.54	
1,1,1-TRICHLOROETHANE	71-55-6	7.54	<7.54	
1,1,2,2-TETRACHLOROETHANE	79-34-5	7.54	<7.54	
1,1,2-TRICHLOROETHANE	79-00-5	7.54	<7.54	
1,1-DICHLOROETHANE	75-34-3	7.54	<7.54	
1,1-DICHLOROETHENE	75-35-4	7.54	<7.54	
1,1-DICHLOROPROPENE	563-58-6	7.54	<7.54	
1,2,3-TRICHLOROBENZENE	87-61-6	7.54	<7.54	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	7.54	<7.54	
1,2,4-TRICHLOROBENZENE	120-82-1	7.54	<7.54	
1,2,4-TRIMETHYLBENZENE	95-63-6	7.54	<7.54	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	7.54	<7.54	
1,2-DIBROMOETHANE	106-93-4	7.54	<7.54	
1,2-DICHLOROBENZENE	95-50-1	7.54	<7.54	
1,2-DICHLOROETHANE	107-06-2	7.54	<7.54	
1,2-DICHLOROPROPANE	78-87-5	7.54	<7.54	
1,3,5-TRIMETHYLBENZENE	108-67-8	7.54	<7.54	
1,3-DICHLOROBENZENE	541-73-1	7.54	<7.54	
1,3-DICHLOROPROPANE	142-28-9	7.54	<7.54	
1,4-DICHLOROBENZENE	106-46-7	7.54	<7.54	
2,2-DICHLOROPROPANE	594-20-7	7.54	<7.54	
2-BUTANONE (MEK)	78-93-3	15.10	<15.10	
2-CHLOROETHYL VINYL ETHER	110-75-8	7.54	<7.54	
2-CHLOROTOLUENE	95-49-8	7.54	<7.54	
2-HEXANONE	591-78-6	7.54	<7.54	
4-CHLOROTOLUENE	106-43-4	7.54	<7.54	
ACETONE	67-64-1	75.40	<75.40	
BENZENE	71-43-2	7.54	<7.54	
BROMOBENZENE	108-86-1	7.54	<7.54	
BROMOCHLOROMETHANE	74-97-5	7.54	<7.54	
BROMODICHLOROMETHANE	75-27-4	7.54	<7.54	
BROMOFORM	75-25-2	7.54	<7.54	
BROMOMETHANE	74-83-9	7.54	<7.54	
CARBON DISULFIDE	75-15-0	7.54	<7.54	
CARBON TETRACHLORIDE	56-23-5	7.54	<7.54	
CHLOROBENZENE	108-90-7	7.54	<7.54	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: AVIS, Garden City (DW-21)
Date received: 7/27/09	Laboratory ID: 1181780
Date extracted: 7/30/09	Matrix: Soil
Date analyzed: 7/30/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CHLOROETHANE	75-00-3	7.54	<7.54	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	7.54	<7.54	
CHLOROFORM	67-66-3	7.54	<7.54	
CHLOROMETHANE	74-87-3	7.54	<7.54	
cis[Z]-1,2DICHLOROETHENE	156-59-2	7.54	<7.54	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	7.54	<7.54	
DIBROMOCHLOROMETHANE	124-48-1	7.54	<7.54	
DIBROMOMETHANE	74-95-3	7.54	<7.54	
DICHLORODIFLUOROMETHANE	75-71-8	7.54	<7.54	
ETHYLBENZENE	100-41-4	7.54	<7.54	
HEXACHLOROBUTADIENE	87-68-3	7.54	<7.54	
ISOPROPYLBENZENE	98-82-8	7.54	<7.54	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	7.54	<7.54	
METHYLENE CHLORIDE	75-09-2	7.54	<7.54	
MTBE	1634-04-4	7.54	<7.54	
NAPHTHALENE	91-20-3	7.54	<7.54	
n-BUTYLBENZENE	104-51-8	7.54	<7.54	
n-PROPYLBENZENE	103-65-1	7.54	<7.54	
o-XYLENE	95-47-6	7.54	<7.54	
p&m-XYLENE	1330-20-7	15.10	<15.10	
p-ISOPROPYLTOLUENE	99-87-6	7.54	<7.54	
sec-BUTYLBENZENE	135-98-8	7.54	<7.54	
STYRENE	100-42-5	7.54	<7.54	
tert-BUTYLBENZENE	98-06-6	7.54	<7.54	
TETRACHLOROETHYLENE	127-18-4	7.54	<7.54	
TOLUENE	108-88-3	7.54	7.72	
trans[E]-1,2-DICHLOROETHENE	156-60-5	7.54	<7.54	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	7.54	<7.54	
TRICHLOROETHYLENE	79-01-6	7.54	<7.54	
TRICHLOROMONOFLUOROMETHANE	75-69-4	7.54	<7.54	
VINYL ACETATE	108-05-4	7.54	<7.54	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

Client: Soil Mechanics	Client ID: AVIS, Garden City (DW-21)
Date received: 7/27/09	Laboratory ID: 1181780
Date extracted: 8/3/09	Matrix: Soil
Date analyzed: 8/3/09	ELAP #: 11693

EPA METHOD 8270C(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
bis(2-CHLOROETHYL)ETHER	111-44-4	60.30	<6,032	3.B 4.B
1,3-DICHLOROBENZENE	541-73-1	60.30	<6,032	3.B 4.B
1,4-DICHLOROBENZENE	106-46-7	60.30	<6,032	3.B 4.B
1,2-DICHLOROBENZENE	95-50-1	60.30	<6,032	3.B 4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	60.30	<6,032	3.B 4.B
HEXACHLOROETHANE	67-72-1	60.30	<6,032	3.B 4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	60.30	<6,032	3.B 4.B
NITROBENZENE	98-95-3	60.30	<6,032	3.B 4.B
ISOPHORONE	78-59-1	60.30	<6,032	3.B 4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	60.30	<6,032	3.B 4.B
1,2,4-TRICHLOROBENZENE	120-82-1	60.30	<6,032	3.B 4.B
NAPHTHALENE	91-20-3	60.30	<6,032	3.B 4.B
HEXACHLOROBUTADIENE	87-68-3	60.30	<6,032	3.B 4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	60.30	<6,032	3.B 4.B
2-CHLORONAPHTHALENE	91-58-7	60.30	<6,032	3.B 4.B
ACENAPHTHYLENE	208-96-8	60.30	<6,032	3.B 4.B
DIMETHYLPHTHALATE	131-11-3	60.30	<6,032	3.B 4.B
2,6-DINITROTOLUENE	606-20-2	60.30	<6,032	3.B 4.B
ACENAPHTHENE	83-32-9	60.30	<6,032	3.B 4.B
2,4-DINITROTOLUENE	121-14-2	60.30	<6,032	3.B 4.B
FLUORENE	86-73-7	60.30	15,678	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	60.30	<6,032	3.B 4.B
DIETHYLPHTHALATE	84-66-2	60.30	<6,032	3.B 4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	60.30	<6,032	3.B 4.B
HEXACHLOROBENZENE	118-74-1	60.30	<6,032	3.B 4.B
PHENANTHRENE	85-01-8	60.30	224,517	
ANTHRACENE	120-12-7	60.30	34,773	
DI-n-BUTYLPHTHALATE	84-74-2	754	<75,403	3.B
FLUORANTHENE	206-44-0	60.30	360,393	
PYRENE	129-00-0	60.30	265,018	
BUTYLBENZYLPHTHALATE	85-68-7	60.30	<6,032	3.B 4.B
CHRYSENE	218-01-9	60.30	169,443	
BENZO-a-ANTHRACENE	56-55-3	60.30	109,444	
3,3-DICHLOROBENZIDINE	91-94-1	60.30	<6,032	3.B 4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	754	<75,403	3.B
DI-n-OCTYLPHTHALATE	117-84-0	60.30	<6,032	3.B 4.B

MDL = Minimum Detection Limit

Calculated on a dry weight basis

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Soil Mechanics	Client ID: AVIS, Garden City (DW-21)
Date received: 7/27/09	Laboratory ID: 1181780
Date extracted: 8/3/09	Matrix: Soil
Date analyzed: 8/3/09	ELAP #: 11693

EPA Method 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
BENZO-b-FLUOROANTHENE	205-99-2	60.30	165,724	
BENZO-k-FLUOROANTHENE	207-08-9	60.30	108,439	
BENZO-a-PYRENE	50-32-8	60.30	136,680	
INDENO(1,2,3-c,d)PYRENE	193-39-5	60.30	102,912	
DIBENZO-a,h-ANTHRACENE	53-70-3	60.30	25,225	
BENZO-g,h,i-PERYLENE	191-24-2	60.30	96,480	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: AVIS, Garden City (DW-21)
Date received: 7/27/09	Laboratory ID: 1181780
Date analyzed: See Below	Matrix: Soil

Priority Pollutant Metals

PARAMETER	MDL mg/kg	Date Analyzed	RESULTS mg/kg	FLAG
ALUMINUM, Al	2.19	7/29/2009	5,622	4.F
ANTIMONY, Sb	2.19	7/29/2009	<2.19	4.G
ARSENIC, As	2.19	7/29/2009	2.39	
BARIUM, Ba	4.42	7/29/2009	36.30	
BERYLLIUM, Be	2.19	7/29/2009	<2.19	
CADMIUM, Cd	1.33	7/29/2009	2.24	
CALCIUM, Ca	2.19	7/29/2009	1,090	4.F
CHROMIUM, Cr	2.19	7/29/2009	42.10	
COBALT, Co	2.19	7/29/2009	3.97	
COPPER, Cu	2.19	7/29/2009	77.40	4.G
IRON, Fe	2.19	7/29/2009	8,685	4.F
LEAD, Pb	2.19	7/29/2009	232	4.G
MAGNESIUM, Mg	2.19	7/29/2009	1,167	4.F
MANGANESE, Mn	2.19	7/29/2009	39.90	4.F
MERCURY, Hg•	0.04	7/30/2009	0.168	
NICKEL, Ni	2.19	7/29/2009	32	
POTASSIUM, K	2.19	7/29/2009	427	4.F
SELENIUM, Se	2.19	7/29/2009	<2.19	
SILVER, Ag	2.19	7/29/2009	<2.19	
SODIUM, Na	2.19	7/29/2009	118	4.F
THALIUM, Tl	2.19	7/29/2009	<2.19	
VANADIUM, V	2.19	7/29/2009	54.20	
ZINC, Zn	2.19	7/29/2009	463	4.G

MDL = Minimum Detection Limit

Performed by SW-846 Method 6010

•Method: EPA 7471A

Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: AVIS, Garden City (DW-22)
Date received: 7/27/09	Laboratory ID: 1181781
Date extracted: 7/30/09	Matrix: Soil
Date analyzed: 7/30/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	9.42	<9.42	
1,1,1-TRICHLOROETHANE	71-55-6	9.42	<9.42	
1,1,2,2-TETRACHLOROETHANE	79-34-5	9.42	<9.42	
1,1,2-TRICHLOROETHANE	79-00-5	9.42	<9.42	
1,1-DICHLOROETHANE	75-34-3	9.42	<9.42	
1,1-DICHLOROETHENE	75-35-4	9.42	<9.42	
1,1-DICHLOROPROPENE	563-58-6	9.42	<9.42	
1,2,3-TRICHLOROBENZENE	87-61-6	9.42	<9.42	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	9.42	<9.42	
1,2,4-TRICHLOROBENZENE	120-82-1	9.42	<9.42	
1,2,4-TRIMETHYLBENZENE	95-63-6	9.42	10.80	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	9.42	<9.42	
1,2-DIBROMOETHANE	106-93-4	9.42	<9.42	
1,2-DICHLOROBENZENE	95-50-1	9.42	<9.42	
1,2-DICHLOROETHANE	107-06-2	9.42	<9.42	
1,2-DICHLOROPROPANE	78-87-5	9.42	<9.42	
1,3,5-TRIMETHYLBENZENE	108-67-8	9.42	<9.42	
1,3-DICHLOROBENZENE	541-73-1	9.42	<9.42	
1,3-DICHLOROPROPANE	142-28-9	9.42	<9.42	
1,4-DICHLOROBENZENE	106-46-7	9.42	<9.42	
2,2-DICHLOROPROPANE	594-20-7	9.42	<9.42	
2-BUTANONE (MEK)	78-93-3	18.80	<18.80	
2-CHLOROETHYL VINYL ETHER	110-75-8	9.42	<9.42	
2-CHLOROTOLUENE	95-49-8	9.42	<9.42	
2-HEXANONE	591-78-6	9.42	<9.42	
4-CHLOROTOLUENE	106-43-4	9.42	<9.42	
ACETONE	67-64-1	94.20	<94.20	
BENZENE	71-43-2	9.42	<9.42	
BROMOBENZENE	108-86-1	9.42	<9.42	
BROMOCHLOROMETHANE	74-97-5	9.42	<9.42	
BROMODICHLOROMETHANE	75-27-4	9.42	<9.42	
BROMOFORM	75-25-2	9.42	<9.42	
BROMOMETHANE	74-83-9	9.42	<9.42	
CARBON DISULFIDE	75-15-0	9.42	<9.42	
CARBON TETRACHLORIDE	56-23-5	9.42	<9.42	
CHLOROBENZENE	108-90-7	9.42	<9.42	

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Date received: 7/27/09	Laboratory ID: 1181781
Date extracted: 7/30/09	Matrix: Soil
Date analyzed: 7/30/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CHLOROETHANE	75-00-3	9.42	<9.42	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	9.42	<9.42	
CHLOROFORM	67-66-3	9.42	<9.42	
CHLOROMETHANE	74-87-3	9.42	<9.42	
cis[Z]-1,2DICHLOROETHENE	156-59-2	9.42	<9.42	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	9.42	<9.42	
DIBROMOCHLOROMETHANE	124-48-1	9.42	<9.42	
DIBROMOMETHANE	74-95-3	9.42	<9.42	
DICHLORODIFLUOROMETHANE	75-71-8	9.42	<9.42	
ETHYLBENZENE	100-41-4	9.42	<9.42	
HEXACHLOROBUTADIENE	87-68-3	9.42	<9.42	
ISOPROPYLBENZENE	98-82-8	9.42	<9.42	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	9.42	<9.42	
METHYLENE CHLORIDE	75-09-2	9.42	<9.42	
MTBE	1634-04-4	9.42	<9.42	
NAPHTHALENE	91-20-3	9.42	101	
n-BUTYLBENZENE	104-51-8	9.42	<9.42	
n-PROPYLBENZENE	103-65-1	9.42	<9.42	
o-XYLENE	95-47-6	9.42	<9.42	
p&m-XYLENE	1330-20-7	18.80	<18.80	
p-ISOPROPYLTOLUENE	99-87-6	9.42	<9.42	
sec-BUTYLBENZENE	135-98-8	9.42	<9.42	
STYRENE	100-42-5	9.42	<9.42	
tert-BUTYLBENZENE	98-06-6	9.42	<9.42	
TETRACHLOROETHYLENE	127-18-4	9.42	<9.42	
TOLUENE	108-88-3	9.42	<9.42	
trans[E]-1,2-DICHLOROETHENE	156-60-5	9.42	<9.42	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	9.42	<9.42	
TRICHLOROETHYLENE	79-01-6	9.42	<9.42	
TRICHLOROMONOFLUOROMETHANE	75-69-4	9.42	<9.42	
VINYL ACETATE	108-05-4	9.42	<9.42	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: AVIS, Garden City (DW-22)
Date received: 7/27/09	Laboratory ID: 1181781
Date extracted: 8/3/09	Matrix: Soil
Date analyzed: 8/3/09	ELAP #: 11693

EPA METHOD 8270C(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
bis(2-CHLOROETHYL)ETHER	111-44-4	75.40	<3,768	3.B 4.B
1,3-DICHLOROBENZENE	541-73-1	75.40	<3,768	3.B 4.B
1,4-DICHLOROBENZENE	106-46-7	75.40	<3,768	3.B 4.B
1,2-DICHLOROBENZENE	95-50-1	75.40	<3,768	3.B 4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	75.40	<3,768	3.B 4.B
HEXACHLOROETHANE	67-72-1	75.40	<3,768	3.B 4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	75.40	<3,768	3.B 4.B
NITROBENZENE	98-95-3	75.40	<3,768	3.B 4.B
ISOPHORONE	78-59-1	75.40	<3,768	3.B 4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	75.40	<3,768	3.B 4.B
1,2,4-TRICHLOROBENZENE	120-82-1	75.40	<3,768	3.B 4.B
NAPHTHALENE	91-20-3	75.40	<3,768	3.B 4.B
HEXACHLOROBUTADIENE	87-68-3	75.40	<3,768	3.B 4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	75.40	<3,768	3.B 4.B
2-CHLORONAPHTHALENE	91-58-7	75.40	<3,768	3.B 4.B
ACENAPHTHYLENE	208-96-8	75.40	<3,768	3.B 4.B
DIMETHYLPHTHALATE	131-11-3	75.40	<3,768	3.B 4.B
2,6-DINITROTOLUENE	606-20-2	75.40	<3,768	3.B 4.B
ACENAPHTHENE	83-32-9	75.40	3,831	4.B
2,4-DINITROTOLUENE	121-14-2	75.40	<3,768	3.B 4.B
FLUORENE	86-73-7	75.40	5,715	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	75.40	<3,768	3.B 4.B
DIETHYLPHTHALATE	84-66-2	75.40	<3,768	3.B 4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	75.40	<3,768	3.B 4.B
HEXACHLOROBENZENE	118-74-1	75.40	<3,768	3.B 4.B
PHENANTHRENE	85-01-8	75.40	68,954	
ANTHRACENE	120-12-7	75.40	9,043	4.B
DI-n-BUTYLPHTHALATE	84-74-2	942	<47,099	3.B
FLUORANTHENE	206-44-0	75.40	154,676	
PYRENE	129-00-0	75.40	117,122	
BUTYLBENZYLPHTHALATE	85-68-7	75.40	<3,768	3.B 4.B
CHRYSENE	218-01-9	75.40	83,964	
BENZO-a-ANTHRACENE	56-55-3	75.40	40,004	
3,3-DICHLOROBENZIDINE	91-94-1	75.40	<3,768	3.B 4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	942	<47,099	3.B
DI-n-OCTYLPHTHALATE	117-84-0	75.40	<3,768	3.B 4.B

MDL = Minimum Detection Limit

Calculated on a dry weight basis

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
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Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Soil Mechanics	Client ID: AVIS, Garden City (DW-22)
Date received: 7/27/09	Laboratory ID: 1181781
Date extracted: 8/3/09	Matrix: Soil
Date analyzed: 8/3/09	ELAP #: 11693

EPA Method 8270(BN)

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
BENZO-b-FLUOROANTHENE	205-99-2	75.40	81,389	
BENZO-k-FLUOROANTHENE	207-08-9	75.40	58,844	
BENZO-a-PYRENE	50-32-8	75.40	64,433	
INDENO(1,2,3-c,d)PYRENE	193-39-5	75.40	56,834	
DIBENZO-a,h-ANTHRACENE	53-70-3	75.40	11,492	4.B
BENZO-g,h,i-PERYLENE	191-24-2	75.40	57,525	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: AVIS, Garden City (DW-22)
Date received: 7/27/09	Laboratory ID: 1181781
Date analyzed: See Below	Matrix: Soil

Priority Pollutant Metals

PARAMETER	MDL mg/kg	Date Analyzed	RESULTS mg/kg	FLAG
ALUMINUM, Al	2.49	7/29/2009	13,067	4.F
ANTIMONY, Sb	2.49	7/29/2009	<2.49	4.H
ARSENIC, As	2.49	7/29/2009	6.32	
BARIUM, Ba	5.02	7/29/2009	81.90	
BERYLLIUM, Be	2.49	7/29/2009	<2.49	
CADMIUM, Cd	1.51	7/29/2009	3.66	
CALCIUM, Ca	2.49	7/29/2009	20,182	
CHROMIUM, Cr	2.49	7/29/2009	42.90	
COBALT, Co	2.49	7/29/2009	7.52	
COPPER, Cu	2.49	7/29/2009	170	
IRON, Fe	2.49	7/29/2009	19,381	4.F
LEAD, Pb	2.49	7/29/2009	377	
MAGNESIUM, Mg	2.49	7/29/2009	6,716	
MANGANESE, Mn	2.49	7/29/2009	135	
MERCURY, Hg•	0.05	7/29/2009	0.294	
NICKEL, Ni	2.49	7/29/2009	29.50	
POTASSIUM, K	2.49	7/29/2009	802	
SELENIUM, Se	2.49	7/29/2009	<2.49	
SILVER, Ag	2.49	7/29/2009	<2.49	
SODIUM, Na	2.49	7/29/2009	883	
THALIUM, Tl	2.49	7/29/2009	<2.49	
VANADIUM, V	2.49	7/29/2009	55	
ZINC, Zn	2.49	7/29/2009	829	4.G

MDL = Minimum Detection Limit
Performed by SW-846 Method 6010
•Method: EPA 7471A

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Soil Mechanics	Client ID: 09-090, Garden City (DW-23)
Date received: 8/6/09	Laboratory ID: 1182467
Date extracted: 8/7/09	Matrix: Soil
Date analyzed: 8/7/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5.94	<5.94	
1,1,1-TRICHLOROETHANE	71-55-6	5.94	<5.94	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.94	<5.94	
1,1,2-TRICHLOROETHANE	79-00-5	5.94	<5.94	
1,1-DICHLOROETHANE	75-34-3	5.94	<5.94	
1,1-DICHLOROETHENE	75-35-4	5.94	<5.94	
1,1-DICHLOROPROPENE	563-58-6	5.94	<5.94	
1,2,3-TRICHLOROBENZENE	87-61-6	5.94	<5.94	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5.94	<5.94	
1,2,4-TRICHLOROBENZENE	120-82-1	5.94	<5.94	
1,2,4-TRIMETHYLBENZENE	95-63-6	5.94	<5.94	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5.94	<5.94	
1,2-DIBROMOETHANE	106-93-4	5.94	<5.94	
1,2-DICHLOROBENZENE	95-50-1	5.94	<5.94	
1,2-DICHLOROETHANE	107-06-2	5.94	<5.94	
1,2-DICHLOROPROPANE	78-87-5	5.94	<5.94	
1,3,5-TRIMETHYLBENZENE	108-67-8	5.94	<5.94	
1,3-DICHLOROBENZENE	541-73-1	5.94	<5.94	
1,3-DICHLOROPROPANE	142-28-9	5.94	<5.94	
1,4-DICHLOROBENZENE	106-46-7	5.94	<5.94	
2,2-DICHLOROPROPANE	594-20-7	5.94	<5.94	
2-BUTANONE (MEK)	78-93-3	11.9	<11.9	
2-CHLOROETHYL VINYL ETHER	110-75-8	5.94	<5.94	
2-CHLOROTOLUENE	95-49-8	5.94	<5.94	
2-HEXANONE	591-78-6	5.94	<5.94	
4-CHLOROTOLUENE	106-43-4	5.94	<5.94	
ACETONE	67-64-1	59.4	<59.4	
BENZENE	71-43-2	5.94	<5.94	
BROMOBENZENE	108-86-1	5.94	<5.94	
BROMOCHLOROMETHANE	74-97-5	5.94	<5.94	
BROMODICHLOROMETHANE	75-27-4	5.94	<5.94	
BROMOFORM	75-25-2	5.94	<5.94	
BROMOMETHANE	74-83-9	5.94	<5.94	
CARBON DISULFIDE	75-15-0	5.94	<5.94	
CARBON TETRACHLORIDE	56-23-5	5.94	<5.94	
CHLOROBENZENE	108-90-7	5.94	<5.94	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

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Date received: 8/6/09	Laboratory ID: 1182467
Date extracted: 8/7/09	Matrix: Soil
Date analyzed: 8/7/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CHLOROETHANE	75-00-3	5.94	<5.94	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5.94	<5.94	
CHLOROFORM	67-66-3	5.94	<5.94	
CHLOROMETHANE	74-87-3	5.94	<5.94	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5.94	<5.94	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5.94	<5.94	
DIBROMOCHLOROMETHANE	124-48-1	5.94	<5.94	
DIBROMOMETHANE	74-95-3	5.94	<5.94	
DICHLORODIFLUOROMETHANE	75-71-8	5.94	<5.94	
ETHYLBENZENE	100-41-4	5.94	<5.94	
HEXACHLOROBUTADIENE	87-68-3	5.94	<5.94	
ISOPROPYLBENZENE	98-82-8	5.94	<5.94	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5.94	<5.94	
METHYLENE CHLORIDE	75-09-2	5.94	<5.94	
MTBE	1634-04-4	5.94	<5.94	
NAPHTHALENE	91-20-3	5.94	<5.94	
n-BUTYLBENZENE	104-51-8	5.94	<5.94	
n-PROPYLBENZENE	103-65-1	5.94	<5.94	
o-XYLENE	95-47-6	5.94	<5.94	
p&m-XYLENE	1330-20-7	11.9	<11.9	
p-ISOPROPYLTOLUENE	99-87-6	5.94	<5.94	
sec-BUTYLBENZENE	135-98-8	5.94	<5.94	
STYRENE	100-42-5	5.94	<5.94	
tert-BUTYLBENZENE	98-06-6	5.94	<5.94	
TETRACHLOROETHYLENE	127-18-4	5.94	<5.94	
TOLUENE	108-88-3	5.94	<5.94	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5.94	<5.94	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5.94	<5.94	
TRICHLOROETHYLENE	79-01-6	5.94	<5.94	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5.94	<5.94	
VINYL ACETATE	108-05-4	5.94	<5.94	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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Date received: 8/6/09	Laboratory ID: 1182467
Date extracted: 8/12/09	Matrix: Soil
Date analyzed: 8/12/09	ELAP #: 11693

EPA Method 8270

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	47.5	<47.5	4.B
1,2-DICHLOROBENZENE	95-50-1	47.5	<47.5	4.B
1,3-DICHLOROBENZENE	541-73-1	47.5	<47.5	4.B
1,4-DICHLOROBENZENE	106-46-7	47.5	<47.5	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	47.5	<47.5	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	47.5	<47.5	4.B
2,4-DICHLOROPHENOL	120-83-2	47.5	<47.5	4.B
2,4-DIMETHYPHENOL	105-67-9	47.5	<47.5	4.B
2,4-DINITROPHENOL	51-28-5	47.5	<47.5	4.B
2,4-DINITROTOLUENE	121-14-2	47.5	<47.5	4.B
2,6-DINITROTOLUENE	606-20-2	47.5	<47.5	4.B
2-CHLORONAPHTHALENE	91-58-7	47.5	<47.5	4.B
2-CHLOROPHENOL	95-57-8	47.5	<47.5	4.B
2-METHYLNAPHTHALENE	91-57-6	47.5	<47.5	4.B
2-METHYLPHENOL	95-48-7	47.5	<47.5	4.B
2-NITROANILINE	88-74-4	47.5	<47.5	4.B
2-NITROPHENOL	88-75-5	47.5	<47.5	4.B
3,3-DICHLOROBENZIDINE	91-94-1	47.5	<47.5	4.B
3+4-METHYLPHENOL	15831-10-4	47.5	<47.5	4.B
3-NITROANILINE	99-09-2	47.5	<47.5	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	47.5	<47.5	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	47.5	<47.5	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	47.5	<47.5	4.B
4-CHLOROANILINE	106-47-8	47.5	<47.5	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	47.5	<47.5	4.B
4-NITROANILINE	100-01-6	47.5	<47.5	4.B
4-NITROPHENOL	100-02-7	47.5	<47.5	4.B
ACENAPHTHENE	83-32-9	47.5	<47.5	4.B
ACENAPHTHYLENE	208-96-8	47.5	<47.5	4.B
ANILINE	62-53-3	47.5	<47.5	4.B
ANTHRACENE	120-12-7	47.5	77.6	4.B
BENZO-a-ANTHRACENE	56-55-3	47.5	206	
BENZO-a-PYRENE	50-32-8	47.5	382	
BENZO-b-FLUORANTHENE	205-99-2	47.5	361	
BENZO-g,h,i-PERYLENE	191-24-2	47.5	299	
BENZO-k-FLUORANTHENE	207-08-9	47.5	344	

MDL = Minimum Detection Limit

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Date extracted: 8/12/09	Matrix: Soil
Date analyzed: 8/12/09	ELAP #: 11693

EPA Method 8270

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
BENZYL ALCOHOL	100-51-6	47.5	<47.5	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	47.5	<47.5	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	47.5	<47.5	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	47.5	<47.5	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	594	<594	
BUTYLBENZYLPHTHALATE	85-68-7	47.5	<47.5	4.B
CARBAZOLE	86-74-8	47.5	61.8	4.B
CHRYSENE	218-01-9	47.5	400	
DIBENZO-a,h-ANTHRACENE	53-70-3	47.5	78.4	4.B
DIBENZOFURAN	132-64-9	47.5	<47.5	4.B
DIETHYLPHTHALATE	84-66-2	47.5	<47.5	4.B
DIMETHYLPHTHALATE	131-11-3	47.5	<47.5	4.B
DI-n-BUTYLPHTHALATE	84-74-2	594	<594	
DI-n-OCTYLPHTHALATE	117-84-0	47.5	<47.5	4.B
FLUORANTHENE	206-44-0	47.5	594	
FLUORENE	86-73-7	47.5	<47.5	4.B
HEXACHLOROBENZENE	118-74-1	47.5	<47.5	4.B
HEXACHLOROBUTADIENE	87-68-3	47.5	<47.5	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	47.5	<47.5	4.B
HEXACHLOROETHANE	67-72-1	47.5	<47.5	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	47.5	295	
ISOPHORONE	78-59-1	47.5	<47.5	4.B
NAPHTHALENE	91-20-3	47.5	<47.5	4.B
NITROBENZENE	98-95-3	47.5	<47.5	4.B
n-NITROSODIMETHYLAMINE	62-75-9	47.5	<47.5	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	47.5	<47.5	4.B
n-NITROSODIPHENYLAMINE	86-30-6	47.5	<47.5	4.B
PENTACHLOROPHENOL	87-86-5	47.5	<47.5	4.B
PHENANTHRENE	85-01-8	47.5	399	
PHENOL	108-95-2	47.5	<47.5	4.B
PYRENE	129-00-0	47.5	476	

MDL = Minimum Detection Limit

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Client: Soil Mechanics	Client ID: 09-090, Garden City (DW-23)
Date received: 8/6/09	Laboratory ID: 1182467
Date analyzed: See Below	Matrix: Soil

Priority Pollutant Metals

PARAMETER	MDL	DATE ANALYZED	RESULTS mg/kg	FLAG
SILVER, Ag	1.65 mg/kg	8/11/09	<1.65	
ALUMINUM, Al	1.65 mg/kg	8/11/09	36,538	4.F
ARSENIC, As	1.65 mg/kg	8/11/09	<1.65	
BARIUM, Ba	3.33 mg/kg	8/11/09	33.1	4.F
BERYLLIUM, Be	1.65 mg/kg	8/11/09	<1.65	4.G
CALCIUM, Ca	1.65 mg/kg	8/11/09	24,865	4.F
CADMIUM, Cd	1.00 mg/kg	8/11/09	<1.00	4.G
COBALT, Co	1.65 mg/kg	8/11/09	4.11	4.G
CHROMIUM, Cr	1.65 mg/kg	8/11/09	14.4	4.G
COPPER, Cu	1.65 mg/kg	8/11/09	18.6	4.G
IRON, Fe	1.65 mg/kg	8/11/09	32,232	4.F
MERCURY, Hg•	0.02 mg/kg	8/13/09	0.247	
POTASSIUM, K	1.65 mg/kg	8/11/09	631	4.F
MAGNESIUM, Mg	1.65 mg/kg	8/11/09	13,690	4.F
MANGANESE, Mn	1.65 mg/kg	8/11/09	82.5	4.F
SODIUM, Na	1.65 mg/kg	8/11/09	82.8	4.F
NICKEL, Ni	1.65 mg/kg	8/11/09	8.07	4.G
LEAD, Pb	1.65 mg/kg	8/11/09	12.5	4.F
ANTIMONY, Sb	1.65 mg/kg	8/11/09	<1.65	4.G
SELENIUM, Se	1.65 mg/kg	8/11/09	<1.65	4.G
THALIUM, Tl	1.65 mg/kg	8/11/09	<1.65	4.G
VANADIUM, V	1.65 mg/kg	8/11/09	19.2	4.G
ZINC, Zn	1.65 mg/kg	8/11/09	83.8	4.F

MDL = Minimum Detection Limit.
Performed by SW-846 Method 6010
•Method: EPA 7471A

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Client: Soil Mechanics	Client ID: 09-090, Garden City (DW-24)
Date received: 8/6/09	Laboratory ID: 1182468
Date extracted: 8/7/09	Matrix: Soil
Date analyzed: 8/7/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5.58	<5.58	
1,1,1-TRICHLOROETHANE	71-55-6	5.58	<5.58	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.58	<5.58	
1,1,2-TRICHLOROETHANE	79-00-5	5.58	<5.58	
1,1-DICHLOROETHANE	75-34-3	5.58	<5.58	
1,1-DICHLOROETHENE	75-35-4	5.58	<5.58	
1,1-DICHLOROPROPENE	563-58-6	5.58	<5.58	
1,2,3-TRICHLOROBENZENE	87-61-6	5.58	<5.58	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5.58	<5.58	
1,2,4-TRICHLOROBENZENE	120-82-1	5.58	<5.58	
1,2,4-TRIMETHYLBENZENE	95-63-6	5.58	<5.58	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5.58	<5.58	
1,2-DIBROMOETHANE	106-93-4	5.58	<5.58	
1,2-DICHLOROBENZENE	95-50-1	5.58	<5.58	
1,2-DICHLOROETHANE	107-06-2	5.58	<5.58	
1,2-DICHLOROPROPANE	78-87-5	5.58	<5.58	
1,3,5-TRIMETHYLBENZENE	108-67-8	5.58	<5.58	
1,3-DICHLOROBENZENE	541-73-1	5.58	<5.58	
1,3-DICHLOROPROPANE	142-28-9	5.58	<5.58	
1,4-DICHLOROBENZENE	106-46-7	5.58	<5.58	
2,2-DICHLOROPROPANE	594-20-7	5.58	<5.58	
2-BUTANONE (MEK)	78-93-3	11.2	<11.2	
2-CHLOROETHYL VINYL ETHER	110-75-8	5.58	<5.58	
2-CHLOROTOLUENE	95-49-8	5.58	<5.58	
2-HEXANONE	591-78-6	5.58	<5.58	
4-CHLOROTOLUENE	106-43-4	5.58	<5.58	
ACETONE	67-64-1	55.8	<55.8	
BENZENE	71-43-2	5.58	<5.58	
BROMOBENZENE	108-86-1	5.58	<5.58	
BROMOCHLOROMETHANE	74-97-5	5.58	<5.58	
BROMODICHLOROMETHANE	75-27-4	5.58	<5.58	
BROMOFORM	75-25-2	5.58	<5.58	
BROMOMETHANE	74-83-9	5.58	<5.58	
CARBON DISULFIDE	75-15-0	5.58	<5.58	
CARBON TETRACHLORIDE	56-23-5	5.58	<5.58	
CHLOROBENZENE	108-90-7	5.58	<5.58	

MDL = Minimum Detection Limit

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Date received: 8/6/09	Laboratory ID: 1182468
Date extracted: 8/7/09	Matrix: Soil
Date analyzed: 8/7/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CHLOROETHANE	75-00-3	5.58	<5.58	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5.58	<5.58	
CHLOROFORM	67-66-3	5.58	<5.58	
CHLOROMETHANE	74-87-3	5.58	<5.58	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5.58	<5.58	
cis[Z]-1.3-DICHLOROPROPENE	10061-01-5	5.58	<5.58	
DIBROMOCHLOROMETHANE	124-48-1	5.58	<5.58	
DIBROMOMETHANE	74-95-3	5.58	<5.58	
DICHLORODIFLUOROMETHANE	75-71-8	5.58	<5.58	
ETHYLBENZENE	100-41-4	5.58	<5.58	
HEXACHLOROBUTADIENE	87-68-3	5.58	<5.58	
ISOPROPYLBENZENE	98-82-8	5.58	<5.58	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5.58	<5.58	
METHYLENE CHLORIDE	75-09-2	5.58	<5.58	
MTBE	1634-04-4	5.58	<5.58	
NAPHTHALENE	91-20-3	5.58	<5.58	
n-BUTYLBENZENE	104-51-8	5.58	<5.58	
n-PROPYLBENZENE	103-65-1	5.58	<5.58	
o-XYLENE	95-47-6	5.58	<5.58	
p&m-XYLENE	1330-20-7	11.2	<11.2	
p-ISOPROPYLTOLUENE	99-87-6	5.58	<5.58	
sec-BUTYLBENZENE	135-98-8	5.58	<5.58	
STYRENE	100-42-5	5.58	<5.58	
tert-BUTYLBENZENE	98-06-6	5.58	<5.58	
TETRACHLOROETHYLENE	127-18-4	5.58	<5.58	
TOLUENE	108-88-3	5.58	<5.58	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5.58	<5.58	
trans[E]-1.3-DICHLOROPROPENE	10061-02-6	5.58	<5.58	
TRICHLOROETHYLENE	79-01-6	5.58	<5.58	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5.58	<5.58	
VINYL ACETATE	108-05-4	5.58	<5.58	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Date received: 8/6/09	Laboratory ID: 1182468
Date extracted: 8/11/09	Matrix: Soil
Date analyzed: 8/11/09	ELAP #: 11693

EPA Method 8270

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	44.6	<44.6	4.B
1,2-DICHLOROBENZENE	95-50-1	44.6	<44.6	4.B
1,3-DICHLOROBENZENE	541-73-1	44.6	<44.6	4.B
1,4-DICHLOROBENZENE	106-46-7	44.6	<44.6	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	44.6	<44.6	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	44.6	<44.6	4.B
2,4-DICHLOROPHENOL	120-83-2	44.6	<44.6	4.B
2,4-DIMETHYPHENOL	105-67-9	44.6	<44.6	4.B
2,4-DINITROPHENOL	51-28-5	44.6	<44.6	4.B
2,4-DINITROTOLUENE	121-14-2	44.6	<44.6	4.B
2,6-DINITROTOLUENE	606-20-2	44.6	<44.6	4.B
2-CHLORONAPHTHALENE	91-58-7	44.6	<44.6	4.B
2-CHLOROPHENOL	95-57-8	44.6	<44.6	4.B
2-METHYLNAPHTHALENE	91-57-6	44.6	<44.6	4.B
2-METHYLPHENOL	95-48-7	44.6	<44.6	4.B
2-NITROANILINE	88-74-4	44.6	<44.6	4.B
2-NITROPHENOL	88-75-5	44.6	<44.6	4.B
3,3-DICHLOROBENZIDINE	91-94-1	44.6	<44.6	4.B
3+4-METHYLPHENOL	15831-10-4	44.6	<44.6	4.B
3-NITROANILINE	99-09-2	44.6	<44.6	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	44.6	<44.6	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	44.6	<44.6	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	44.6	<44.6	4.B
4-CHLOROANILINE	106-47-8	44.6	<44.6	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	44.6	<44.6	4.B
4-NITROANILINE	100-01-6	44.6	<44.6	4.B
4-NITROPHENOL	100-02-7	44.6	<44.6	4.B
ACENAPHTHENE	83-32-9	44.6	<44.6	4.B
ACENAPHTHYLENE	208-96-8	44.6	58	4.B
ANILINE	62-53-3	44.6	<44.6	4.B
ANTHRACENE	120-12-7	44.6	<44.6	4.B
BENZO-a-ANTHRACENE	56-55-3	44.6	67.7	4.B
BENZO-a-PYRENE	50-32-8	44.6	172	
BENZO-b-FLUOROANTHENE	205-99-2	44.6	158	
BENZO-g,h,i-PERYLENE	191-24-2	44.6	132	4.B
BENZO-k-FLUOROANTHENE	207-08-9	44.6	122	4.B

MDL = Minimum Detection Limit

Calculated on a dry weight basis

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Soil Mechanics	Client ID: 09-090, Garden City (DW-24)
Date received: 8/6/09	Laboratory ID: 1182468
Date extracted: 8/11/09	Matrix: Soil
Date analyzed: 8/11/09	ELAP #: 11693

EPA Method 8270

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
BENZYL ALCOHOL	100-51-6	44.6	<44.6	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	44.6	<44.6	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	44.6	<44.6	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	44.6	<44.6	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	558	<558	
BUTYLBENZYLPHTHALATE	85-68-7	44.6	<44.6	4.B
CARBAZOLE	86-74-8	44.6	<44.6	4.B
CHRYSENE	218-01-9	44.6	118	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	44.6	51.3	4.B
DIBENZOFURAN	132-64-9	44.6	<44.6	4.B
DIETHYLPHTHALATE	84-66-2	44.6	<44.6	4.B
DIMETHYLPHTHALATE	131-11-3	44.6	<44.6	4.B
DI-n-BUTYLPHTHALATE	84-74-2	558	<558	
DI-n-OCTYLPHTHALATE	117-84-0	44.6	<44.6	4.B
FLUORANTHENE	206-44-0	44.6	58.8	4.B
FLUORENE	86-73-7	44.6	<44.6	4.B
HEXACHLOROBENZENE	118-74-1	44.6	<44.6	4.B
HEXACHLOROBUTADIENE	87-68-3	44.6	<44.6	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	44.6	<44.6	4.B
HEXACHLOROETHANE	67-72-1	44.6	<44.6	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	44.6	135	4.B
ISOPHORONE	78-59-1	44.6	<44.6	4.B
NAPHTHALENE	91-20-3	44.6	<44.6	4.B
NITROBENZENE	98-95-3	44.6	<44.6	4.B
n-NITROSODIMETHYLAMINE	62-75-9	44.6	<44.6	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	44.6	<44.6	4.B
n-NITROSODIPHENYLAMINE	86-30-6	44.6	<44.6	4.B
PENTACHLOROPHENOL	87-86-5	44.6	<44.6	4.B
PHENANTHRENE	85-01-8	44.6	<44.6	4.B
PHENOL	108-95-2	44.6	<44.6	4.B
PYRENE	129-00-0	44.6	58.8	4.B

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
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Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Soil Mechanics	Client ID: 09-090, Garden City (DW-24)
Date received: 8/6/09	Laboratory ID: 1182468
Date analyzed: See Below	Matrix: Soil

Priority Pollutant Metals

PARAMETER	MDL	DATE ANALYZED	RESULTS mg/kg	FLAG
SILVER, Ag	1.65 mg/kg	8/11/09	<1.65	
ALUMINUM, Al	1.65 mg/kg	8/11/09	13,380	4.F
ARSENIC, As	1.65 mg/kg	8/11/09	<1.65	
BARIUM, Ba	3.33 mg/kg	8/11/09	22.1	4.F
BERYLLIUM, Be	1.65 mg/kg	8/11/09	<1.65	4.G
CALCIUM, Ca	1.65 mg/kg	8/11/09	288	4.F
CADMIUM, Cd	1.00 mg/kg	8/11/09	<1.00	4.G
COBALT, Co	1.65 mg/kg	8/11/09	2.24	4.G
CHROMIUM, Cr	1.65 mg/kg	8/11/09	9.46	4.G
COPPER, Cu	1.65 mg/kg	8/11/09	35.8	4.G
IRON, Fe	1.65 mg/kg	8/11/09	14,367	4.F
MERCURY, Hg•	0.02 mg/kg	8/13/09	0.050	
POTASSIUM, K	1.65 mg/kg	8/11/09	738	4.F
MAGNESIUM, Mg	1.65 mg/kg	8/11/09	902	4.F
MANGANESE, Mn	1.65 mg/kg	8/11/09	26.2	4.F
SODIUM, Na	1.65 mg/kg	8/11/09	112	4.F
NICKEL, Ni	1.65 mg/kg	8/11/09	6.96	4.G
LEAD, Pb	1.65 mg/kg	8/11/09	5.27	4.F
ANTIMONY, Sb	1.65 mg/kg	8/11/09	<1.65	4.G
SELENIUM, Se	1.65 mg/kg	8/11/09	<1.65	4.G
THALIUM, Tl	1.65 mg/kg	8/11/09	<1.65	4.G
VANADIUM, V	1.65 mg/kg	8/11/09	8.69	4.G
ZINC, Zn	1.65 mg/kg	8/11/09	83.9	4.F

MDL = Minimum Detection Limit. Calculated on a dry weight basis
Performed by SW-846 Method 6010
•Method EPA 7471A

Michael Veraldi-Laboratory Director

Client: Soil Mechanics	Client ID: 09-090, Garden City (DW-25)
Date received: 8/6/09	Laboratory ID: 1182469
Date extracted: 8/7/09	Matrix: Soil
Date analyzed: 8/7/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5.90	<5.90	
1,1,1-TRICHLOROETHANE	71-55-6	5.90	<5.90	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.90	<5.90	
1,1,2-TRICHLOROETHANE	79-00-5	5.90	<5.90	
1,1-DICHLOROETHANE	75-34-3	5.90	<5.90	
1,1-DICHLOROETHENE	75-35-4	5.90	<5.90	
1,1-DICHLOROPROPENE	563-58-6	5.90	<5.90	
1,2,3-TRICHLOROBENZENE	87-61-6	5.90	<5.90	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5.90	<5.90	
1,2,4-TRICHLOROBENZENE	120-82-1	5.90	<5.90	
1,2,4-TRIMETHYLBENZENE	95-63-6	5.90	<5.90	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5.90	<5.90	
1,2-DIBROMOETHANE	106-93-4	5.90	<5.90	
1,2-DICHLOROBENZENE	95-50-1	5.90	<5.90	
1,2-DICHLOROETHANE	107-06-2	5.90	<5.90	
1,2-DICHLOROPROPANE	78-87-5	5.90	<5.90	
1,3,5-TRIMETHYLBENZENE	108-67-8	5.90	<5.90	
1,3-DICHLOROBENZENE	541-73-1	5.90	<5.90	
1,3-DICHLOROPROPANE	142-28-9	5.90	<5.90	
1,4-DICHLOROBENZENE	106-46-7	5.90	<5.90	
2,2-DICHLOROPROPANE	594-20-7	5.90	<5.90	
2-BUTANONE (MEK)	78-93-3	11.8	<11.8	
2-CHLOROETHYL VINYL ETHER	110-75-8	5.90	<5.90	
2-CHLOROTOLUENE	95-49-8	5.90	<5.90	
2-HEXANONE	591-78-6	5.90	<5.90	
4-CHLOROTOLUENE	106-43-4	5.90	<5.90	
ACETONE	67-64-1	59	<59	
BENZENE	71-43-2	5.90	<5.90	
BROMOBENZENE	108-86-1	5.90	<5.90	
BROMOCHLOROMETHANE	74-97-5	5.90	<5.90	
BROMODICHLOROMETHANE	75-27-4	5.90	<5.90	
BROMOFORM	75-25-2	5.90	<5.90	
BROMOMETHANE	74-83-9	5.90	<5.90	
CARBON DISULFIDE	75-15-0	5.90	<5.90	
CARBON TETRACHLORIDE	56-23-5	5.90	<5.90	
CHLOROBENZENE	108-90-7	5.90	<5.90	

MDL = Minimum Detection Limit Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090, Garden City (DW-25)
Date received: 8/6/09	Laboratory ID: 1182469
Date extracted: 8/7/09	Matrix: Soil
Date analyzed: 8/7/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CHLOROETHANE	75-00-3	5.90	<5.90	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5.90	<5.90	
CHLOROFORM	67-66-3	5.90	<5.90	
CHLOROMETHANE	74-87-3	5.90	<5.90	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5.90	<5.90	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5.90	<5.90	
DIBROMOCHLOROMETHANE	124-48-1	5.90	<5.90	
DIBROMOMETHANE	74-95-3	5.90	<5.90	
DICHLORODIFLUOROMETHANE	75-71-8	5.90	<5.90	
ETHYLBENZENE	100-41-4	5.90	<5.90	
HEXACHLOROBUTADIENE	87-68-3	5.90	<5.90	
ISOPROPYLBENZENE	98-82-8	5.90	<5.90	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5.90	<5.90	
METHYLENE CHLORIDE	75-09-2	5.90	<5.90	
MTBE	1634-04-4	5.90	<5.90	
NAPHTHALENE	91-20-3	5.90	<5.90	
n-BUTYLBENZENE	104-51-8	5.90	<5.90	
n-PROPYLBENZENE	103-65-1	5.90	<5.90	
o-XYLENE	95-47-6	5.90	<5.90	
p&m-XYLENE	1330-20-7	11.8	<11.8	
p-ISOPROPYLTOLUENE	99-87-6	5.90	<5.90	
sec-BUTYLBENZENE	135-98-8	5.90	<5.90	
STYRENE	100-42-5	5.90	<5.90	
tert-BUTYLBENZENE	98-06-6	5.90	<5.90	
TETRACHLOROETHYLENE	127-18-4	5.90	<5.90	
TOLUENE	108-88-3	5.90	<5.90	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5.90	<5.90	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5.90	<5.90	
TRICHLOROETHYLENE	79-01-6	5.90	<5.90	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5.90	<5.90	
VINYL ACETATE	108-05-4	5.90	<5.90	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (DW-25)
Date received: 8/6/09	Laboratory ID: 1182469
Date extracted: 8/11/09	Matrix: Soil
Date analyzed: 8/11/09	ELAP #: 11693

EPA Method 8270

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	47.2	<47.2	4.B
1,2-DICHLOROBENZENE	95-50-1	47.2	<47.2	4.B
1,3-DICHLOROBENZENE	541-73-1	47.2	<47.2	4.B
1,4-DICHLOROBENZENE	106-46-7	47.2	<47.2	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	47.2	<47.2	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	47.2	<47.2	4.B
2,4-DICHLOROPHENOL	120-83-2	47.2	<47.2	4.B
2,4-DIMETHYPHENOL	105-67-9	47.2	<47.2	4.B
2,4-DINITROPHENOL	51-28-5	47.2	<47.2	4.B
2,4-DINITROTOLUENE	121-14-2	47.2	<47.2	4.B
2,6-DINITROTOLUENE	606-20-2	47.2	<47.2	4.B
2-CHLORONAPHTHALENE	91-58-7	47.2	<47.2	4.B
2-CHLOROPHENOL	95-57-8	47.2	<47.2	4.B
2-METHYLNAPHTHALENE	91-57-6	47.2	<47.2	4.B
2-METHYLPHENOL	95-48-7	47.2	<47.2	4.B
2-NITROANILINE	88-74-4	47.2	<47.2	4.B
2-NITROPHENOL	88-75-5	47.2	<47.2	4.B
3,3-DICHLOROBENZIDINE	91-94-1	47.2	<47.2	4.B
3+4-METHYLPHENOL	15831-10-4	47.2	<47.2	4.B
3-NITROANILINE	99-09-2	47.2	<47.2	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	47.2	<47.2	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	47.2	<47.2	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	47.2	<47.2	4.B
4-CHLOROANILINE	106-47-8	47.2	<47.2	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	47.2	<47.2	4.B
4-NITROANILINE	100-01-6	47.2	<47.2	4.B
4-NITROPHENOL	100-02-7	47.2	<47.2	4.B
ACENAPHTHENE	83-32-9	47.2	<47.2	4.B
ACENAPHTHYLENE	208-96-8	47.2	<47.2	4.B
ANILINE	62-53-3	47.2	<47.2	4.B
ANTHRACENE	120-12-7	47.2	<47.2	4.B
BENZO-a-ANTHRACENE	56-55-3	47.2	<47.2	4.B
BENZO-a-PYRENE	50-32-8	47.2	64.5	4.B
BENZO-b-FLUOROANTHENE	205-99-2	47.2	48.7	4.B
BENZO-g,h,i-PERYLENE	191-24-2	47.2	76.3	4.B
BENZO-k-FLUOROANTHENE	207-08-9	47.2	<47.2	4.B

MDL = Minimum Detection Limit

Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090, Garden City (DW-25)
Date received: 8/6/09	Laboratory ID: 1182469
Date extracted: 8/11/09	Matrix: Soil
Date analyzed: 8/11/09	ELAP #: 11693

EPA Method 8270

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
BENZYL ALCOHOL	100-51-6	47.2	<47.2	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	47.2	<47.2	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	47.2	<47.2	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	47.2	<47.2	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	590	<590	
BUTYLBENZYLPHTHALATE	85-68-7	47.2	<47.2	4.B
CARBAZOLE	86-74-8	47.2	<47.2	4.B
CHRYSENE	218-01-9	47.2	<47.2	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	47.2	<47.2	4.B
DIBENZOFURAN	132-64-9	47.2	<47.2	4.B
DIETHYLPHTHALATE	84-66-2	47.2	<47.2	4.B
DIMETHYLPHTHALATE	131-11-3	47.2	<47.2	4.B
DI-n-BUTYLPHTHALATE	84-74-2	590	<590	
DI-n-OCTYLPHTHALATE	117-84-0	47.2	<47.2	4.B
FLUORANTHENE	206-44-0	47.2	<47.2	4.B
FLUORENE	86-73-7	47.2	<47.2	4.B
HEXACHLOROBENZENE	118-74-1	47.2	<47.2	4.B
HEXACHLOROBUTADIENE	87-68-3	47.2	<47.2	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	47.2	<47.2	4.B
HEXACHLOROETHANE	67-72-1	47.2	<47.2	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	47.2	62.9	4.B
ISOPHORONE	78-59-1	47.2	<47.2	4.B
NAPHTHALENE	91-20-3	47.2	<47.2	4.B
NITROBENZENE	98-95-3	47.2	<47.2	4.B
n-NITROSODIMETHYLAMINE	62-75-9	47.2	<47.2	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	47.2	<47.2	4.B
n-NITROSODIPHENYLAMINE	86-30-6	47.2	<47.2	4.B
PENTACHLOROPHENOL	87-86-5	47.2	<47.2	4.B
PHENANTHRENE	85-01-8	47.2	<47.2	4.B
PHENOL	108-95-2	47.2	<47.2	4.B
PYRENE	129-00-0	47.2	<47.2	4.B

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (DW-25)
Date received: 8/6/09	Laboratory ID: 1182469
Date analyzed: See Below	Matrix: Soil

Priority Pollutant Metals

PARAMETER	MDL mg/kg	Date Analyzed	RESULTS mg/kg	FLAG
ALUMINUM, Al	1.65	8/11/09	6,185	4.F
ANTIMONY, Sb	1.65	8/11/09	<1.65	4.G
ARSENIC, As	1.65	8/11/09	3.88	
BARIUM, Ba	3.33	8/11/09	44.3	4.F
BERYLLIUM, Be	1.65	8/11/09	<1.65	4.G
CADMIUM, Cd	1.00	8/11/09	1.97	4.G
CALCIUM, Ca	1.65	8/11/09	966	4.F
CHROMIUM, Cr	1.65	8/11/09	29.2	4.G
COBALT, Co	1.65	8/11/09	2.89	4.G
COPPER, Cu	1.65	8/11/09	687	4.G
IRON, Fe	1.65	8/11/09	5,539	4.F
LEAD, Pb	1.65	8/11/09	119	4.F
MAGNESIUM, Mg	1.65	8/11/09	1,516	4.F
MANGANESE, Mn	1.65	8/11/09	35.9	4.F
MERCURY, Hg•	0.02	8/11/09	0.481	
NICKEL, Ni	1.65	8/11/09	14.8	4.G
POTASSIUM, K	1.65	8/11/09	416	4.F
SELENIUM, Se	1.65	8/11/09	<1.65	4.G
SILVER, Ag	1.65	8/11/09	3.44	
SODIUM, Na	1.65	8/11/09	1,112	4.F
THALIUM, Tl	1.65	8/11/09	<1.65	4.G
VANADIUM, V	1.65	8/11/09	27.8	4.G
ZINC, Zn	1.65	8/11/09	369	4.F

MDL = Minimum Detection Limit

: Method EPA 7471A

Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
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Client: Soil Mechanics	Client ID: 09-090, Garden City (DW-26)
Date received: 8/7/09	Laboratory ID: 1182541
Date extracted: 8/7/09	Matrix: Soil
Date analyzed: 8/7/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	14.2	<14.2	
1,1,1-TRICHLOROETHANE	71-55-6	14.2	<14.2	
1,1,2,2-TETRACHLOROETHANE	79-34-5	14.2	<14.2	
1,1,2-TRICHLOROETHANE	79-00-5	14.2	<14.2	
1.1-DICHLOROETHANE	75-34-3	14.2	<14.2	
1,1-DICHLOROETHENE	75-35-4	14.2	<14.2	
1,1-DICHLOROPROPENE	563-58-6	14.2	<14.2	
1,2,3-TRICHLOROBENZENE	87-61-6	14.2	<14.2	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	14.2	<14.2	
1,2,4-TRICHLOROBENZENE	120-82-1	14.2	<14.2	
1,2,4-TRIMETHYLBENZENE	95-63-6	14.2	<14.2	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	14.2	<14.2	
1,2-DIBROMOETHANE	106-93-4	14.2	<14.2	
1,2-DICHLOROBENZENE	95-50-1	14.2	<14.2	
1,2-DICHLOROETHANE	107-06-2	14.2	<14.2	
1,2-DICHLOROPROPANE	78-87-5	14.2	<14.2	
1 3,5-TRIMETHYLBENZENE	108-67-8	14.2	<14.2	
1,3-DICHLOROBENZENE	541-73-1	14.2	<14.2	
1,3-DICHLOROPROPANE	142-28-9	14.2	<14.2	
1.4-DICHLOROBENZENE	106-46-7	14.2	<14.2	
2,2-DICHLOROPROPANE	594-20-7	14.2	<14.2	
2-BUTANONE (MEK)	78-93-3	28.4	<28.4	
2-CHLOROETHYL VINYL ETHER	110-75-8	14.2	<14.2	
2-CHLOROTOLUENE	95-49-8	14.2	<14.2	
2-HEXANONE	591-78-6	14.2	<14.2	
4-CHLOROTOLUENE	106-43-4	14.2	<14.2	
ACETONE	67-64-1	142	<142	
BENZENE	71-43-2	14.2	<14.2	
BROMOBENZENE	108-86-1	14.2	<14.2	
BROMOCHLOROMETHANE	74-97-5	14.2	<14.2	
BROMODICHLOROMETHANE	75-27-4	14.2	<14.2	
BROMOFORM	75-25-2	14.2	<14.2	
BROMOMETHANE	74-83-9	14.2	<14.2	
CARBON DISULFIDE	75-15-0	14.2	<14.2	
CARBON TETRACHLORIDE	56-23-5	14.2	<14.2	
CHLOROBENZENE	108-90-7	14.2	<14.2	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090, Garden City (DW-26)
Date received: 8/7/09	Laboratory ID: 1182541
Date extracted: 8/7/09	Matrix: Soil
Date analyzed: 8/7/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CHLOROETHANE	75-00-3	14.2	<14.2	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	14.2	<14.2	
CHLOROFORM	67-66-3	14.2	<14.2	
CHLOROMETHANE	74-87-3	14.2	<14.2	
cis[Z]-1,2DICHLOROETHENE	156-59-2	14.2	<14.2	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	14.2	<14.2	
DIBROMOCHLOROMETHANE	124-48-1	14.2	<14.2	
DIBROMOMETHANE	74-95-3	14.2	<14.2	
DICHLORODIFLUOROMETHANE	75-71-8	14.2	<14.2	
ETHYLBENZENE	100-41-4	14.2	<14.2	
HEXACHLOROBUTADIENE	87-68-3	14.2	<14.2	
ISOPROPYLBENZENE	98-82-8	14.2	<14.2	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	14.2	<14.2	
METHYLENE CHLORIDE	75-09-2	14.2	<14.2	
MTBE	1634-04-4	14.2	<14.2	
NAPHTHALENE	91-20-3	14.2	<14.2	
n-BUTYLBENZENE	104-51-8	14.2	<14.2	
n-PROPYLBENZENE	103-65-1	14.2	<14.2	
o-XYLENE	95-47-6	14.2	<14.2	
p&m-XYLENE	1330-20-7	28.4	<28.4	
p-ISOPROPYLTOLUENE	99-87-6	14.2	<14.2	
sec-BUTYLBENZENE	135-98-8	14.2	<14.2	
STYRENE	100-42-5	14.2	<14.2	
tert-BUTYLBENZENE	98-06-6	14.2	<14.2	
TETRACHLOROETHYLENE	127-18-4	14.2	23.8	
TOLUENE	108-88-3	14.2	<14.2	
trans[E]-1,2-DICHLOROETHENE	156-60-5	14.2	<14.2	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	14.2	<14.2	
TRICHLOROETHYLENE	79-01-6	14.2	<14.2	
TRICHLOROMONOFLUOROMETHANE	75-69-4	14.2	<14.2	
VINYL ACETATE	108-05-4	14.2	<14.2	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (DW-26)
Date received: 8/7/09	Laboratory ID: 1182541
Date extracted: 8/12/09	Matrix: Soil
Date analyzed: 8/12/09	ELAP #: 11693

EPA METHOD 8270C

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	114	999	
1,2-DICHLOROBENZENE	95-50-1	114	<227	3.A 4.B
1,3-DICHLOROBENZENE	541-73-1	114	<227	3.A 4.B
1,4-DICHLOROBENZENE	106-46-7	114	261	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	114	<227	3.A 4.B
2,4,6-TRICHLOROPHENOL	88-06-2	114	<227	3.A 4.B
2,4-DICHLOROPHENOL	120-83-2	114	<227	3.A 4.B
2,4-DiMETHYPHENOL	105-67-9	114	<227	3.A 4.B
2,4-DINITROPHENOL	51-28-5	114	<227	3.A 4.B
2,4-DINITROTOLUENE	121-14-2	114	<227	3.A 4.B
2,6-DINITROTOLUENE	606-20-2	114	<227	3.A 4.B
2-CHLORONAPHTHALENE	91-58-7	114	<227	3.A 4.B
2-CHLOROPHENOL	95-57-8	114	<227	3.A 4.B
2-METHYLNAPHTHALENE	91-57-6	114	<227	3.A 4.B
2-METHYLPHENOL	95-48-7	114	<227	3.A 4.B
2-NITROANILINE	88-74-4	114	<227	3.A 4.B
2-NITROPHENOL	88-75-5	114	<227	3.A 4.B
3,3-DICHLOROBENZIDINE	91-94-1	114	<227	3.A 4.B
3+4-METHYLPHENOL	15831-10-4	114	<227	3.A 4.B
3-NITROANILINE	99-09-2	114	<227	3.A 4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	114	<227	3.A 4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	114	<227	3.A 4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	114	<227	3.A 4.B
4-CHLOROANILINE	106-47-8	114	<227	3.A 4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	114	<227	3.A 4.B
4-NITROANILINE	100-01-6	114	<227	3.A 4.B
4-NITROPHENOL	100-02-7	114	<227	3.A 4.B
ACENAPHTHENE	83-32-9	114	<227	3.A 4.B
ACENAPHTHYLENE	208-96-8	114	<227	3.A 4.B
ANILINE	62-53-3	114	<227	3.A 4.B
ANTHRACENE	120-12-7	114	257	4.B
BENZO-a-ANTHRACENE	56-55-3	114	1,468	
BENZO-a-PYRENE	50-32-8	114	1,124	
BENZO-b-FLUOROANTHENE	205-99-2	114	1,162	
BENZO-g,h,i-PERYLENE	191-24-2	114	662	4.B
BENZO-k-FLUOROANTHENE	207-08-9	114	749	4.B

MDL = Minimum Detection Limit

Calculated on a dry weight basis

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Client: Soil Mechanics	Client ID: 09-090, Garden City (DW-26)
Date received: 8/7/09	Laboratory ID: 1182541
Date extracted: 8/12/09	Matrix: Soil
Date analyzed: 8/12/09	ELAP #: 11693

EPA Method 8270

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
BENZYL ALCOHOL	100-51-6	114	<227	3.A 4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	114	<227	3.A 4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	114	<227	3.A 4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	114	<227	3.A 4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	1,420	3,156	
BUTYLBENZYLPHTHALATE	85-68-7	114	<227	3.A 4.B
CARBAZOLE	86-74-8	114	<227	3.A 4.B
CHRYSENE	218-01-9	114	991	
DIBENZO-a,h-ANTHRACENE	53-70-3	114	<227	3.A 4.B
DIBENZOFURAN	132-64-9	114	<227	3.A 4.B
DIETHYLPHTHALATE	84-66-2	114	<227	3.A 4.B
DIMETHYLPHTHALATE	131-11-3	114	<227	3.A 4.B
Di-n-BUTYLPHTHALATE	84-74-2	1,420	<2,838	3.A
DI-n-OCTYLPHTHALATE	117-84-0	114	<227	3.A 4.B
FLUORANTHENE	206-44-0	114	1,854	
FLUORENE	86-73-7	114	<227	3.A 4.B
HEXACHLOROBENZENE	118-74-1	114	<227	3.A 4.B
HEXACHLOROBUTADIENE	87-68-3	114	<227	3.A 4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	114	<227	3.A 4.B
HEXACHLOROETHANE	67-72-1	114	<227	3.A 4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	114	768	
ISOPHORONE	78-59-1	114	<227	3.A 4.B
NAPHTHALENE	91-20-3	114	<227	3.A 4.B
NITROBENZENE	98-95-3	114	<227	3.A 4.B
n-NITROSODIMETHYLAMINE	62-75-9	114	<227	3.A 4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	114	<227	3.A 4.B
n-NITROSODIPHENYLAMINE	86-30-6	114	<227	3.A 4.B
PENTACHLOROPHENOL	87-86-5	114	6,474	
PHENANTHRENE	85-01-8	114	719	4.B
PHENOL	108-95-2	114	<227	3.A 4.B
PYRENE	129-00-0	114	2,244	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (DW-26)
Date received: 8/7/09	Laboratory ID: 1182541
Date analyzed: See Below	Matrix: Soil

Priority Pollutant Metals

PARAMETER	MDL mg/kg	Date Analyzed	RESULTS mg/kg	FLAG
ALUMINUM, Al	3.83	8/12/09	9,986	
ANTIMONY, Sb	3.83	8/12/09	5.02	
ARSENIC, As	3.83	8/12/09	204	
BARIUM, Ba	7.72	8/12/09	387	
BERYLLIUM, Be	3.83	8/12/09	<3.83	
CADMIUM, Cd	2.32	8/12/09	8.39	
CALCIUM, Ca	3.83	8/12/09	4,598	4.F
CHROMIUM, Cr	3.83	8/12/09	16,232	
COBALT, Co	3.83	8/12/09	8.75	
COPPER, Cu	3.83	8/12/09	7,382	
IRON, Fe	3.83	8/12/09	60,753	4.F
LEAD, Pb	3.83	8/12/09	1,841	
MAGNESIUM, Mg	3.83	8/12/09	1,889	4.G
MANGANESE, Mn	3.83	8/12/09	196	
MERCURY, Hg•	0.04	8/12/09	1.69	
NICKEL, Ni	3.83	8/12/09	31.4	
POTASSIUM, K	3.83	8/12/09	466	4.F
SELENIUM, Se	3.83	8/12/09	<3.83	
SILVER, Ag	3.83	8/12/09	9.58	4.F
SODIUM, Na	3.83	8/12/09	867	
THALIUM, Tl	3.83	8/12/09	<3.83	
VANADIUM, V	3.83	8/12/09	103	
ZINC, Zn	3.83	8/12/09	3,948	

MDL = Minimum Detection Limit.
Performed by SW-846 Method 6010
•Method: EPA 7471A

Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: AVIS, Garden City (GS-1 (NW Corner Bldg 4))
Date received: 8/13/09*	Laboratory ID: 1182930A
Date extracted: 8/31/09	Matrix: Soil
Date analyzed: 8/31/09	ELAP #: 11693

TPH 418.1 ANALYSIS

LAB ID #	CLIENT ID	MDL	RESULTS mg/kg	FLAG
1182930A	GS-1 (NW Corner Bldg 4)	10 mg/kg	10	

MDL = Minimum Detection Limit
*Sample was resubmitted on August 31, 2009.

Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090-AVIS, Garden City
Date received: 7/27/09	Laboratory ID: 1181774-1181777
Date extracted: 8/4/09	Matrix: Soil
Date analyzed: 8/4/09	ELAP #: 11693

TPH 418.1 ANALYSIS

LAB ID #	CLIENT ID	MDL	RESULTS mg/kg	FLAG
1181774	Dry Well #1	10 mg/kg	2,700	
1181775	Dry Well #2	10 mg/kg	17,917	
1181776	Dry Well #14	10 mg/kg	5,691	
1181777	Dry Well #16	10 mg/kg	248	

MDL = Minimum Detection Limit.
Extraction Solvent: Tetrachloroethylene

Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: AVIS, Garden City
Date received: 7/27/09	Laboratory ID: 1181778-1181781
Date extracted: 8/4/09	Matrix: Soil
Date analyzed: 8/4/09	ELAP #: 11693

TPH 418.1 ANALYSIS

LAB ID #	CLIENT ID	MDL	RESULTS mg/kg	FLAG
1181778	DW-19	10 mg/kg	5,197	
1181779	DW-20	10 mg/kg	5,841	
1181780	DW-21	10 mg/kg	5,438	
1181781	DW-22	10 mg/kg	6,035	

MDL = Minimum Detection Limit.
Extraction Solvent: Tetrachloroethylene

Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City
Date received: 8/6/09	Laboratory ID: 1182467-1182469
Date extracted: 8/13/09	Matrix: Soil
Date analyzed: 8/13/09	ELAP #: 11693

TPH 418.1 ANALYSIS

LAB ID #	CLIENT ID	MDL	RESULTS mg/kg	FLAG
1182467	DW-23	10 mg/kg	64,960	
1182468	DW-24	10 mg/kg	14	
1182469	DW-25	10 mg/kg	2,694	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (DW-26)
Date received: 8/7/09	Laboratory ID: 1182541
Date extracted: 8/13/09	Matrix: Soil
Date analyzed: 8/13/09	ELAP #: 11693

TPH 418.1 ANALYSIS

LAB ID #	CLIENT ID	MDL	RESULTS mg/kg	FLAG
1182541	DW-26	10 mg/kg	3,324	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (AQ-1)
Date received: 8/6/09	Laboratory ID: 1182470
Date extracted: 8/6/09	Matrix: Liquid
Date analyzed: 8/6/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4.B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	

MDL = Minimum Detection Limit

LONG ISLAND ANALYTICAL LABORATORIES INC.
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Client: Soil Mechanics	Client ID: 09-090, Garden City (AQ-1)
Date received: 8/6/09	Laboratory ID: 1182470
Date extracted: 8/6/09	Matrix: Liquid
Date analyzed: 8/6/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	<5	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	<5	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (AQ-1)
Date received: 8/6/09	Laboratory ID: 1182470
Date extracted: 8/10/09	Matrix: Liquid
Date analyzed: 8/10/09	ELAP #: 11693

EPA Method 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	4,B
1,2-DICHLOROBENZENE	95-50-1	5	<5	4,B
1,3-DICHLOROBENZENE	541-73-1	5	<5	4,B
1,4-DICHLOROBENZENE	106-46-7	5	<5	4,B
2,4,5-TRICHLOROPHENOL	95-95-4	5	<5	4,B
2,4,6-TRICHLOROPHENOL	88-06-2	5	<5	4,B
2,4-DICHLOROPHENOL	120-83-2	5	<5	4,B
2,4-DIMETHYPHENOL	105-67-9	5	<5	4,B
2,4-DINITROPHENOL	51-28-5	5	<5	4,B
2,4-DINITROTOLUENE	121-14-2	5	<5	4,B
2,6-DINITROTOLUENE	606-20-2	5	<5	4,B
2-CHLORONAPHTHALENE	91-58-7	5	<5	4,B
2-CHLOROPHENOL	95-57-8	5	<5	4,B
2-METHYLNAPHTHALENE	91-57-6	5	<5	4,B
2-METHYLPHENOL	95-48-7	5	<5	4,B
2-NITROANILINE	88-74-4	5	<5	4,B
2-NITROPHENOL	88-75-5	5	<5	4,B
3,3-DICHLOROBENZIDINE	91-94-1	5	<5	4,B
3+4-METHYLPHENOL	15831-10-4	5	<5	4,B
3-NITROANILINE	99-09-2	5	<5	4,B
4,6-DINITRO-2-METHYPHENOL	534-52-1	5	<5	4,B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	5	<5	4,B
4-CHLORO-3-METHYLPHENOL	59-50-7	5	<5	4,B
4-CHLOROANILINE	106-47-8	5	<5	4,B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	5	<5	4,B
4-NITROANILINE	100-01-6	5	<5	4,B
4-NITROPHENOL	100-02-7	5	<5	4,B
ACENAPHTHENE	83-32-9	5	<5	4,B
ACENAPHTHYLENE	208-96-8	5	<5	4,B
ANILINE	62-53-3	5	<5	4,B
ANTHRACENE	120-12-7	5	<5	4,B
BENZO-a-ANTHRACENE	56-55-3	5	<5	4,B
BENZO-a-PYRENE	50-32-8	5	<5	4,B
BENZO-b-FLUOROANTHENE	205-99-2	5	<5	4,B
BENZO-g,h,i-PERYLENE	191-24-2	5	<5	4,B
BENZO-k-FLUOROANTHENE	207-08-9	5	<5	4,B

MDL = Minimum Detection Limit

Client: Soil Mechanics	Client ID: 09-090, Garden City (AQ-1)
Date received: 8/6/09	Laboratory ID: 1182470
Date extracted: 8/10/09	Matrix: Liquid
Date analyzed: 8/10/09	ELAP #: 11693

EPA Method 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
BENZYL ALCOHOL	100-51-6	5	<5	4,B
bis(2-CHLOROETHOXY)METHANE	111-91-1	5	<5	4,B
bis(2-CHLOROETHYL)ETHER	111-44-4	5	<5	4,B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	5	<5	4,B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	20	
BUTYLBENZYLPHTHALATE	85-68-7	5	<5	4,B
CHRYSENE	218-01-9	5	<5	4,B
DIBENZO-a,h-ANTHRACENE	53-70-3	5	<5	4,B
DIBENZOFURAN	132-64-9	5	<5	4,B
DIETHYLPHTHALATE	84-66-2	5	<5	4,B
DIMETHYLPHTHALATE	131-11-3	5	<5	4,B
DI-n-BUTYLPHTHALATE	84-74-2	5	<5	4,B
DI-n-OCTYLPHTHALATE	117-84-0	5	<5	4,B
FLUORANTHENE	206-44-0	5	<5	4,B
FLUORENE	86-73-7	5	<5	4,B
HEXACHLOROBENZENE	118-74-1	5	<5	4,B
HEXACHLOROBUTADIENE	87-68-3	5	<5	4,B
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	<5	4,B
HEXACHLOROETHANE	67-72-1	5	<5	4,B
INDENO(1,2,3-c,d)PYRENE	193-39-5	5	<5	4,B
ISOPHORONE	78-59-1	5	<5	4,B
NAPHTHALENE	91-20-3	5	<5	4,B
NITROBENZENE	98-95-3	5	<5	4,B
n-NITROSODIMETHYLAMINE	62-75-9	5	<5	4,B
n-NITROSODI-n-PROPYLAMINE	621-64-7	5	<5	4,B
n-NITROSODIPHENYLAMINE	86-30-6	5	<5	4,B
PENTACHLOROPHENOL	87-86-5	5	<5	4,B
PHENANTHRENE	85-01-8	5	<5	4,B
PHENOL	108-95-2	5	<5	4,B
PYRENE	129-00-0	5	<5	4,B

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

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Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Soil Mechanics	Client ID: 09-090, Garden City (AQ-1)
Date received: 8/6/09	Laboratory ID: 1182470
Date analyzed: See Below	Matrix: Liquid

Target Compound List-Metals

PARAMETER	MDL mg/L	Date Analyzed	RESULTS mg/L	FLAG
ALUMINUM, Al	0.05	8/11/09	<0.05	
ANTIMONY, Sb	0.05	8/11/09	<0.05	
ARSENIC, As	0.05	8/11/09	<0.05	
BARIUM, Ba	1.00	8/11/09	<1.00	
BERYLLIUM, Be	0.05	8/11/09	<0.05	
CADMIUM, Cd	0.05	8/11/09	<0.05	
CALCIUM, Ca	0.05	8/11/09	1.27	4.F
CHROMIUM, Cr	0.05	8/11/09	<0.05	
COBALT, Co	0.05	8/11/09	<0.05	
COPPER, Cu	0.05	8/11/09	<0.05	
IRON, Fe	0.05	8/11/09	0.218	
LEAD, Pb	0.005	8/11/09	<0.005	
MAGNESIUM, Mg	0.05	8/11/09	0.344	
MANGANESE, Mn	0.05	8/11/09	<0.05	
MERCURY, Hg•	0.002	8/11/09	<0.002	
NICKEL, Ni	0.05	8/11/09	<0.05	
POTASSIUM, K	0.05	8/11/09	0.703	4.F
SELENIUM, Se	0.05	8/11/09	<0.05	
SILVER, Ag	0.05	8/11/09	<0.05	
SODIUM, Na	0.05	8/11/09	1.16	4.F
THALIUM, Tl	0.05	8/11/09	<0.05	
VANADIUM, V	0.05	8/11/09	<0.05	
ZINC, Zn	0.00	8/11/09	0.277	

MDL = Minimum Detection Limit•
Method EPA 200.7
•Method EPA 245.2

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (MW-1)
Date received: 7/17/09	Laboratory ID: 1180886
Date extracted: 7/17/09	Matrix: Liquid
Date analyzed: 7/17/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4.B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (MW-1)
Date received: 7/17/09	Laboratory ID: 1180886
Date extracted: 7/17/09	Matrix: Liquid
Date analyzed: 7/17/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	<5	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	<5	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (MW-1)
Date received: 7/17/09	Laboratory ID: 1180886
Date extracted: 7/20/09	Matrix: Liquid
Date analyzed: 7/20/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	4.B
1,2-DICHLOROBENZENE	95-50-1	5	<5	4.B
1,3-DICHLOROBENZENE	541-73-1	5	<5	4.B
1,4-DICHLOROBENZENE	106-46-7	5	<5	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	5	<5	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	5	<5	4.B
2,4-DICHLOROPHENOL	120-83-2	5	<5	4.B
2,4-DIMETHYPHENOL	105-67-9	5	<5	4.B
2,4-DINITROPHENOL	51-28-5	5	<5	4.B
2,4-DINITROTOLUENE	121-14-2	5	<5	4.B
2,6-DINITROTOLUENE	606-20-2	5	<5	4.B
2-CHLORONAPHTHALENE	91-58-7	5	<5	4.B
2-CHLOROPHENOL	95-57-8	5	<5	4.B
2-METHYLNAPHTHALENE	91-57-6	5	<5	4.B
2-METHYLPHENOL	95-48-7	5	<5	4.B
2-NITROANILINE	88-74-4	5	<5	4.B
2-NITROPHENOL	88-75-5	5	<5	4.B
3,3-DICHLOROBENZIDINE	91-94-1	5	<5	4.B
3+4-METHYLPHENOL	15831-10-4	5	<5	4.B
3-NITROANILINE	99-09-2	5	<5	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	5	<5	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	5	<5	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	5	<5	4.B
4-CHLOROANILINE	106-47-8	5	<5	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	5	<5	4.B
4-NITROANILINE	100-01-6	5	<5	4.B
4-NITROPHENOL	100-02-7	5	<5	4.B
ACENAPHTHENE	83-32-9	5	<5	4.B
ACENAPHTHYLENE	208-96-8	5	<5	4.B
ANILINE	62-53-3	5	<5	4.B
ANTHRACENE	120-12-7	5	<5	4.B
BENZO-a-ANTHRACENE	56-55-3	5	<5	4.B
BENZO-a-PYRENE	50-32-8	5	<5	4.B
BENZO-b-FLUORANTHENE	205-99-2	5	<5	4.B
BENZO-g,h,i-PERYLENE	191-24-2	5	<5	4.B
BENZO-k-FLUORANTHENE	207-08-9	5	<5	4.B

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (MW-1)
Date received: 7/17/09	Laboratory ID: 1180886
Date extracted: 7/20/09	Matrix: Liquid
Date analyzed: 7/20/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
BENZYL ALCOHOL	100-51-6	5	<5	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	5	<5	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	5	<5	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	5	<5	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	<5	4.B
BUTYLBENZYLPHTHALATE	85-68-7	5	<5	4.B
CHRYSENE	218-01-9	5	<5	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	5	<5	4.B
DIBENZOFURAN	132-64-9	5	<5	4.B
DIETHYLPHTHALATE	84-66-2	5	<5	4.B
DIMETHYLPHTHALATE	131-11-3	5	<5	4.B
DI-n-BUTYLPHTHALATE	84-74-2	5	<5	4.B
DI-n-OCTYLPHTHALATE	117-84-0	5	<5	4.B
FLUORANTHENE	206-44-0	5	<5	4.B
FLUORENE	86-73-7	5	<5	4.B
HEXACHLOROBENZENE	118-74-1	5	<5	4.B
HEXACHLOROBUTADIENE	87-68-3	5	<5	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	<5	4.B
HEXACHLOROETHANE	67-72-1	5	<5	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	5	<5	4.B
ISOPHORONE	78-59-1	5	<5	4.B
NAPHTHALENE	91-20-3	5	<5	4.B
NITROBENZENE	98-95-3	5	<5	4.B
n-NITROSODIMETHYLAMINE	62-75-9	5	<5	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	5	<5	4.B
n-NITROSODIPHENYLAMINE	86-30-6	5	<5	4.B
PENTACHLOROPHENOL	87-86-5	5	<5	4.B
PHENANTHRENE	85-01-8	5	<5	4.B
PHENOL	108-95-2	5	<5	4.B
PYRENE	129-00-0	5	<5	4.B

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (MW-1)
Date received: 7/17/09	Laboratory ID: 1180886
Date analyzed: See Below	Matrix: Liquid

Target Compound List-Metals

PARAMETER	MDL mg/L	Date Analyzed	RESULTS mg/L	FLAG
ALUMINUM, Al	0.05	7/20/2009	4.05	
ANTIMONY, Sb	0.05	7/20/2009	<0.05	
ARSENIC, As	0.05	7/20/2009	<0.05	
BARIUM, Ba	1.00	7/20/2009	<1.00	
BERYLLIUM, Be	0.05	7/20/2009	<0.05	
CADMIUM, Cd	0.05	7/20/2009	<0.05	
CALCIUM, Ca	0.05	7/20/2009	28	
CHROMIUM, Cr	0.05	7/20/2009	<0.05	
COBALT, Co	0.05	7/20/2009	<0.05	
COPPER, Cu	0.05	7/20/2009	<0.05	
IRON, Fe	0.05	7/20/2009	5.80	
LEAD, Pb	0.05	7/20/2009	<0.05	
MAGNESIUM, Mg	0.05	7/20/2009	3.80	
MANGANESE, Mn	0.05	7/20/2009	0.1	
MERCURY, Hg•	0.002	7/22/2009	<0.002	
NICKEL, Ni	0.05	7/20/2009	<0.05	
POTASSIUM, K	0.05	7/20/2009	3.64	
SELENIUM, Se	0.05	7/20/2009	<0.05	
SILVER, Ag	0.05	7/20/2009	<0.05	
SODIUM, Na	0.05	7/21/2009	95.9	
THALIUM, Tl	0.05	7/20/2009	<0.05	
VANADIUM, V	0.05	7/20/2009	<0.05	
ZINC, Zn	0.00	7/20/2009	0.054	

MDL = Minimum Detection Limit.
Method: EPA 200.7
•Method: EPA 245.2

Michael Veraldi-Laboratory Director

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110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (MW-2)
Date received: 7/17/09	Laboratory ID: 1180887
Date extracted: 7/17/09	Matrix: Liquid
Date analyzed: 7/17/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4.B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	

MDL = Minimum Detection Limit.

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Date extracted: 7/17/09	Matrix: Liquid
Date analyzed: 7/17/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	<5	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	<5	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (MW-2)
Date received: 7/17/09	Laboratory ID: 1180887
Date extracted: 7/20/09	Matrix: Liquid
Date analyzed: 7/20/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	4.B
1,2-DICHLOROBENZENE	95-50-1	5	<5	4.B
1,3-DICHLOROBENZENE	541-73-1	5	<5	4.B
1,4-DICHLOROBENZENE	106-46-7	5	<5	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	5	<5	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	5	<5	4.B
2,4-DICHLOROPHENOL	120-83-2	5	<5	4.B
2,4-DIMETHYPHENOL	105-67-9	5	<5	4.B
2,4-DINITROPHENOL	51-28-5	5	<5	4.B
2,4-DINITROTOLUENE	121-14-2	5	<5	4.B
2,6-DINITROTOLUENE	606-20-2	5	<5	4.B
2-CHLORONAPHTHALENE	91-58-7	5	<5	4.B
2-CHLOROPHENOL	95-57-8	5	<5	4.B
2-METHYLNAPHTHALENE	91-57-6	5	<5	4.B
2-METHYLPHENOL	95-48-7	5	<5	4.B
2-NITROANILINE	88-74-4	5	<5	4.B
2-NITROPHENOL	88-75-5	5	<5	4.B
3,3-DICHLOROBENZIDINE	91-94-1	5	<5	4.B
3+4-METHYLPHENOL	15831-10-4	5	<5	4.B
3-NITROANILINE	99-09-2	5	<5	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	5	<5	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	5	<5	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	5	<5	4.B
4-CHLOROANILINE	106-47-8	5	<5	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	5	<5	4.B
4-NITROANILINE	100-01-6	5	<5	4.B
4-NITROPHENOL	100-02-7	5	<5	4.B
ACENAPHTHENE	83-32-9	5	<5	4.B
ACENAPHTHYLENE	208-96-8	5	<5	4.B
ANILINE	62-53-3	5	<5	4.B
ANTHRACENE	120-12-7	5	<5	4.B
BENZO-a-ANTHRACENE	56-55-3	5	<5	4.B
BENZO-a-PYRENE	50-32-8	5	<5	4.B
BENZO-b-FLUORANTHENE	205-99-2	5	<5	4.B
BENZO-g,h,i-PERYLENE	191-24-2	5	<5	4.B
BENZO-k-FLUORANTHENE	207-08-9	5	<5	4.B

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Date received: 7/17/09	Laboratory ID: 1180887
Date extracted: 7/20/09	Matrix: Liquid
Date analyzed: 7/20/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
BENZYL ALCOHOL	100-51-6	5	<5	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	5	<5	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	5	<5	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	5	<5	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	<5	4.B
BUTYLBENZYLPHTHALATE	85-68-7	5	<5	4.B
CHRYSENE	218-01-9	5	<5	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	5	<5	4.B
DIBENZOFURAN	132-64-9	5	<5	4.B
DIETHYLPHTHALATE	84-66-2	5	<5	4.B
DIMETHYLPHTHALATE	131-11-3	5	<5	4.B
DI-n-BUTYLPHTHALATE	84-74-2	5	<5	4.B
DI-n-OCTYLPHTHALATE	117-84-0	5	<5	4.B
FLUORANTHENE	206-44-0	5	<5	4.B
FLUORENE	86-73-7	5	<5	4.B
HEXACHLOROBENZENE	118-74-1	5	<5	4.B
HEXACHLOROBUTADIENE	87-68-3	5	<5	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	<5	4.B
HEXACHLOROETHANE	67-72-1	5	<5	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	5	<5	4.B
ISOPHORONE	78-59-1	5	<5	4.B
NAPHTHALENE	91-20-3	5	<5	4.B
NITROBENZENE	98-95-3	5	<5	4.B
n-NITROSODIMETHYLAMINE	62-75-9	5	<5	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	5	<5	4.B
n-NITROSODIPHENYLAMINE	86-30-6	5	<5	4.B
PENTACHLOROPHENOL	87-86-5	5	<5	4.B
PHENANTHRENE	85-01-8	5	<5	4.B
PHENOL	108-95-2	5	<5	4.B
PYRENE	129-00-0	5	<5	4.B

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (MW-2)
Date received: 7/17/09	Laboratory ID: 1180887
Date analyzed: See Below	Matrix: Liquid

Target Compound List-Metals

PARAMETER	MDL mg/L	Date Analyzed	RESULTS mg/L	FLAG
ALUMINUM, Al	0.05	7/20/2009	2.57	
ANTIMONY, Sb	0.05	7/20/2009	<0.05	
ARSENIC, As	0.05	7/20/2009	<0.05	
BARIUM, Ba	1.00	7/20/2009	<1.00	
BERYLLIUM, Be	0.05	7/20/2009	<0.05	
CADMIUM, Cd	0.05	7/20/2009	<0.05	
CALCIUM, Ca	0.05	7/20/2009	21.80	
CHROMIUM, Cr	0.05	7/20/2009	<0.05	
COBALT, Co	0.05	7/20/2009	<0.05	
COPPER, Cu	0.05	7/20/2009	<0.05	
IRON, Fe	0.05	7/20/2009	1.67	
LEAD, Pb	0.05	7/20/2009	<0.05	
MAGNESIUM, Mg	0.05	7/20/2009	2.45	
MANGANESE, Mn	0.05	7/20/2009	0.098	
MERCURY, Hg•	0.002	7/22/2009	<0.002	
NICKEL, Ni	0.05	7/20/2009	<0.05	
POTASSIUM, K	0.05	7/20/2009	6.57	
SELENIUM, Se	0.05	7/20/2009	<0.05	
SILVER, Ag	0.05	7/20/2009	<0.05	
SODIUM, Na	0.05	7/20/2009	50.10	
THALIUM, Tl	0.05	7/20/2009	<0.05	
VANADIUM, V	0.05	7/20/2009	<0.05	
ZINC, Zn	0.00	7/20/2009	0.12	

MDL = Minimum Detection Limit.
Method: EPA 200.7
•Method: EPA 245.2

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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (MW-3)
Date received: 7/17/09	Laboratory ID: 1180888
Date extracted: 7/17/09	Matrix: Liquid
Date analyzed: 7/17/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4.B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	

MDL = Minimum Detection Limit.

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Date received: 7/17/09	Laboratory ID: 1180888
Date extracted: 7/17/09	Matrix: Liquid
Date analyzed: 7/17/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	<5	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	<5	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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Date received: 7/17/09	Laboratory ID: 1180888
Date extracted: 7/20/09	Matrix: Liquid
Date analyzed: 7/20/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	4.B
1,2-DICHLOROBENZENE	95-50-1	5	<5	4.B
1,3-DICHLOROBENZENE	541-73-1	5	<5	4.B
1,4-DICHLOROBENZENE	106-46-7	5	<5	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	5	<5	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	5	<5	4.B
2,4-DICHLOROPHENOL	120-83-2	5	<5	4.B
2,4-DIMETHYPHENOL	105-67-9	5	<5	4.B
2,4-DINITROPHENOL	51-28-5	5	<5	4.B
2,4-DINITROTOLUENE	121-14-2	5	<5	4.B
2,6-DINITROTOLUENE	606-20-2	5	<5	4.B
2-CHLORONAPHTHALENE	91-58-7	5	<5	4.B
2-CHLOROPHENOL	95-57-8	5	<5	4.B
2-METHYLNAPHTHALENE	91-57-6	5	<5	4.B
2-METHYLPHENOL	95-48-7	5	<5	4.B
2-NITROANILINE	88-74-4	5	<5	4.B
2-NITROPHENOL	88-75-5	5	<5	4.B
3,3-DICHLOROBENZIDINE	91-94-1	5	<5	4.B
3+4-METHYLPHENOL	15831-10-4	5	<5	4.B
3-NITROANILINE	99-09-2	5	<5	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	5	<5	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	5	<5	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	5	<5	4.B
4-CHLOROANILINE	106-47-8	5	<5	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	5	<5	4.B
4-NITROANILINE	100-01-6	5	<5	4.B
4-NITROPHENOL	100-02-7	5	<5	4.B
ACENAPHTHENE	83-32-9	5	<5	4.B
ACENAPHTHYLENE	208-96-8	5	<5	4.B
ANILINE	62-53-3	5	<5	4.B
ANTHRACENE	120-12-7	5	<5	4.B
BENZO-a-ANTHRACENE	56-55-3	5	<5	4.B
BENZO-a-PYRENE	50-32-8	5	<5	4.B
BENZO-b-FLUOROANTHENE	205-99-2	5	<5	4.B
BENZO-g,h,i-PERYLENE	191-24-2	5	<5	4.B
BENZO-k-FLUOROANTHENE	207-08-9	5	<5	4.B

MDL = Minimum Detection Limit.

LONG ISLAND ANALYTICAL LABORATORIES INC.
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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (MW-3)
Date received: 7/17/09	Laboratory ID: 1180888
Date extracted: 7/20/09	Matrix: Liquid
Date analyzed: 7/20/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
BENZYL ALCOHOL	100-51-6	5	<5	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	5	<5	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	5	<5	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	5	<5	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	<5	4.B
BUTYLBENZYLPHTHALATE	85-68-7	5	<5	4.B
CHRYSENE	218-01-9	5	<5	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	5	<5	4.B
DIBENZOFURAN	132-64-9	5	<5	4.B
DIETHYLPHTHALATE	84-66-2	5	<5	4.B
DIMETHYLPHTHALATE	131-11-3	5	<5	4.B
Di-n-BUTYLPHTHALATE	84-74-2	5	<5	4.B
DI-n-OCTYLPHTHALATE	117-84-0	5	<5	4.B
FLUORANTHENE	206-44-0	5	<5	4.B
FLUORENE	86-73-7	5	<5	4.B
HEXACHLOROBENZENE	118-74-1	5	<5	4.B
HEXACHLOROBUTADIENE	87-68-3	5	<5	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	<5	4.B
HEXACHLOROETHANE	67-72-1	5	<5	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	5	<5	4.B
ISOPHORONE	78-59-1	5	<5	4.B
NAPHTHALENE	91-20-3	5	<5	4.B
NITROBENZENE	98-95-3	5	<5	4.B
n-NITROSODIMETHYLAMINE	62-75-9	5	<5	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	5	<5	4.B
n-NITROSODIPHENYLAMINE	86-30-6	5	<5	4.B
PENTACHLOROPHENOL	87-86-5	5	<5	4.B
PHENANTHRENE	85-01-8	5	<5	4.B
PHENOL	108-95-2	5	<5	4.B
PYRENE	129-00-0	5	<5	4.B

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (MW-3)
Date received: 7/17/09	Laboratory ID: 1180888
Date analyzed: See Below	Matrix: Liquid

Target Compound List-Metals

PARAMETER	MDL mg/L	Date Analyzed	RESULTS mg/L	FLAG
ALUMINUM, Al	0.05	7/20/2009	1.88	
ANTIMONY, Sb	0.05	7/20/2009	<0.05	
ARSENIC, As	0.05	7/20/2009	<0.05	
BARIUM, Ba	1.00	7/20/2009	<1.00	
BERYLLIUM, Be	0.05	7/20/2009	<0.05	
CADMIUM, Cd	0.05	7/20/2009	<0.05	
CALCIUM, Ca	0.05	7/20/2009	63.30	
CHROMIUM, Cr	0.05	7/20/2009	0.3	
COBALT, Co	0.05	7/20/2009	<0.05	
COPPER, Cu	0.05	7/20/2009	<0.05	
IRON, Fe	0.05	7/20/2009	1.51	
LEAD, Pb	0.05	7/20/2009	<0.05	
MAGNESIUM, Mg	0.05	7/20/2009	7.74	
MANGANESE, Mn	0.05	7/20/2009	0.091	
MERCURY, Hg•	0.002	7/22/2009	<0.002	
NICKEL, Ni	0.05	7/20/2009	<0.05	
POTASSIUM, K	0.05	7/20/2009	3.54	
SELENIUM, Se	0.05	7/20/2009	<0.05	
SILVER, Ag	0.05	7/20/2009	<0.05	
SODIUM, Na	0.05	7/20/2009	48.90	
THALIUM, Tl	0.05	7/20/2009	<0.05	
VANADIUM, V	0.05	7/20/2009	<0.05	
ZINC, Zn	0.00	7/20/2009	0.047	

MDL = Minimum Detection Limit.
Method: EPA 200.7
•Method: EPA 245.2

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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (MW-4)
Date received: 7/17/09	Laboratory ID: 1180889
Date extracted: 7/17/09	Matrix: Liquid
Date analyzed: 7/17/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4.B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	

MDL = Minimum Detection Limit.

Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (MW-4)
Date received: 7/17/09	Laboratory ID: 1180889
Date extracted: 7/17/09	Matrix: Liquid
Date analyzed: 7/17/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	<5	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	<5	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (MW-4)
Date received: 7/17/09	Laboratory ID: 1180889
Date extracted: 7/20/09	Matrix: Liquid
Date analyzed: 7/20/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	4.B
1,2-DICHLOROBENZENE	95-50-1	5	<5	4.B
1,3-DICHLOROBENZENE	541-73-1	5	<5	4.B
1,4-DICHLOROBENZENE	106-46-7	5	<5	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	5	<5	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	5	<5	4.B
2,4-DICHLOROPHENOL	120-83-2	5	<5	4.B
2,4-DIMETHYPHENOL	105-67-9	5	<5	4.B
2,4-DINITROPHENOL	51-28-5	5	<5	4.B
2,4-DINITROTOLUENE	121-14-2	5	<5	4.B
2,6-DINITROTOLUENE	606-20-2	5	<5	4.B
2-CHLORONAPHTHALENE	91-58-7	5	<5	4.B
2-CHLOROPHENOL	95-57-8	5	<5	4.B
2-METHYLNAPHTHALENE	91-57-6	5	<5	4.B
2-METHYLPHENOL	95-48-7	5	<5	4.B
2-NITROANILINE	88-74-4	5	<5	4.B
2-NITROPHENOL	88-75-5	5	<5	4.B
3,3-DICHLOROBENZIDINE	91-94-1	5	<5	4.B
3+4-METHYLPHENOL	15831-10-4	5	<5	4.B
3-NITROANILINE	99-09-2	5	<5	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	5	<5	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	5	<5	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	5	<5	4.B
4-CHLOROANILINE	106-47-8	5	<5	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	5	<5	4.B
4-NITROANILINE	100-01-6	5	<5	4.B
4-NITROPHENOL	100-02-7	5	<5	4.B
ACENAPHTHENE	83-32-9	5	<5	4.B
ACENAPHTHYLENE	208-96-8	5	<5	4.B
ANILINE	62-53-3	5	<5	4.B
ANTHRACENE	120-12-7	5	<5	4.B
BENZO-a-ANTHRACENE	56-55-3	5	<5	4.B
BENZO-a-PYRENE	50-32-8	5	<5	4.B
BENZO-b-FLUORANTHENE	205-99-2	5	<5	4.B
BENZO-g,h,i-PERYLENE	191-24-2	5	<5	4.B
BENZO-k-FLUORANTHENE	207-08-9	5	<5	4.B

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (MW-4)
Date received: 7/17/09	Laboratory ID: 1180889
Date extracted: 7/20/09	Matrix: Liquid
Date analyzed: 7/20/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
BENZYL ALCOHOL	100-51-6	5	<5	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	5	<5	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	5	<5	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	5	<5	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	<5	4.B
BUTYLBENZYLPHTHALATE	85-68-7	5	<5	4.B
CHRYSENE	218-01-9	5	<5	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	5	<5	4.B
DIBENZOFURAN	132-64-9	5	<5	4.B
DIETHYLPHTHALATE	84-66-2	5	<5	4.B
DIMETHYLPHTHALATE	131-11-3	5	<5	4.B
DI-n-BUTYLPHTHALATE	84-74-2	5	<5	4.B
DI-n-OCTYLPHTHALATE	117-84-0	5	<5	4.B
FLUORANTHENE	206-44-0	5	<5	4.B
FLUORENE	86-73-7	5	<5	4.B
HEXACHLOROBENZENE	118-74-1	5	<5	4.B
HEXACHLOROBUTADIENE	87-68-3	5	<5	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	<5	4.B
HEXACHLOROETHANE	67-72-1	5	<5	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	5	<5	4.B
ISOPHORONE	78-59-1	5	<5	4.B
NAPHTHALENE	91-20-3	5	<5	4.B
NITROBENZENE	98-95-3	5	<5	4.B
n-NITROSODIMETHYLAMINE	62-75-9	5	<5	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	5	<5	4.B
n-NITROSODIPHENYLAMINE	86-30-6	5	<5	4.B
PENTACHLOROPHENOL	87-86-5	5	<5	4.B
PHENANTHRENE	85-01-8	5	<5	4.B
PHENOL	108-95-2	5	<5	4.B
PYRENE	129-00-0	5	<5	4.B

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Avis, Garden City (MW-4)
Date received: 7/17/09	Laboratory ID: 1180889
Date analyzed: See Below	Matrix: Liquid

Target Compound List-Metals

PARAMETER	MDL mg/L	Date Analyzed	RESULTS mg/L	FLAG
ALUMINUM, Al	0.05	7/20/2009	2.22	
ANTIMONY, Sb	0.05	7/20/2009	<0.05	
ARSENIC, As	0.05	7/20/2009	<0.05	
BARIUM, Ba	1.00	7/20/2009	<1.00	
BERYLLIUM, Be	0.05	7/20/2009	<0.05	
CADMIUM, Cd	0.05	7/20/2009	<0.05	
CALCIUM, Ca	0.05	7/20/2009	6.55	
CHROMIUM, Cr	0.05	7/20/2009	<0.05	
COBALT, Co	0.05	7/20/2009	<0.05	
COPPER, Cu	0.05	7/20/2009	<0.05	
IRON, Fe	0.05	7/20/2009	1.67	
LEAD, Pb	0.05	7/20/2009	<0.05	
MAGNESIUM, Mg	0.05	7/20/2009	1.16	
MANGANESE, Mn	0.05	7/20/2009	0.2	
MERCURY, Hg•	0.002	7/22/2009	<0.002	
NICKEL, Ni	0.05	7/20/2009	<0.05	
POTASSIUM, K	0.05	7/20/2009	0.87	
SELENIUM, Se	0.05	7/20/2009	<0.05	
SILVER, Ag	0.05	7/20/2009	<0.05	
SODIUM, Na	0.05	7/20/2009	3.99	
THALIUM, Tl	0.05	7/20/2009	<0.05	
VANADIUM, V	0.05	7/20/2009	<0.05	
ZINC, Zn	0.00	7/20/2009	0.033	

MDL = Minimum Detection Limit.
Method: EPA 200.7
•Method: EPA 245.2

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-5)
Date received: 7/21/09	Laboratory ID: 1181064
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4.B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-5)
Date received: 7/21/09	Laboratory ID: 1181064
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	<5	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	<5	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-5)
Date received: 7/21/09	Laboratory ID: 1181064
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	4.B
1,2-DICHLOROBENZENE	95-50-1	5	<5	4.B
1,3-DICHLOROBENZENE	541-73-1	5	<5	4.B
1,4-DICHLOROBENZENE	106-46-7	5	<5	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	5	<5	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	5	<5	4.B
2,4-DICHLOROPHENOL	120-83-2	5	<5	4.B
2,4-DIMETHYPHENOL	105-67-9	5	<5	4.B
2,4-DINITROPHENOL	51-28-5	5	<5	4.B
2,4-DINITROTOLUENE	121-14-2	5	<5	4.B
2,6-DINITROTOLUENE	606-20-2	5	<5	4.B
2-CHLORONAPHTHALENE	91-58-7	5	<5	4.B
2-CHLOROPHENOL	95-57-8	5	<5	4.B
2-METHYLNAPHTHALENE	91-57-6	5	<5	4.B
2-METHYLPHENOL	95-48-7	5	<5	4.B
2-NITROANILINE	88-74-4	5	<5	4.B
2-NITROPHENOL	88-75-5	5	<5	4.B
3,3-DICHLOROBENZIDINE	91-94-1	5	<5	4.B
3+4-METHYLPHENOL	15831-10-4	5	<5	4.B
3-NITROANILINE	99-09-2	5	<5	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	5	<5	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	5	<5	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	5	<5	4.B
4-CHLOROANILINE	106-47-8	5	<5	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	5	<5	4.B
4-NITROANILINE	100-01-6	5	<5	4.B
4-NITROPHENOL	100-02-7	5	<5	4.B
ACENAPHTHENE	83-32-9	5	<5	4.B
ACENAPHTHYLENE	208-96-8	5	<5	4.B
ANILINE	62-53-3	5	<5	4.B
ANTHRACENE	120-12-7	5	<5	4.B
BENZO-a-ANTHRACENE	56-55-3	5	<5	4.B
BENZO-a-PYRENE	50-32-8	5	<5	4.B
BENZO-b-FLUOROANTHENE	205-99-2	5	<5	4.B
BENZO-g,h,i-PERYLENE	191-24-2	5	<5	4.B
BENZO-k-FLUOROANTHENE	207-08-9	5	<5	4.B

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-5)
Date received: 7/21/09	Laboratory ID: 1181064
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
BENZYL ALCOHOL	100-51-6	5	<5	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	5	<5	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	5	<5	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	5	<5	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	30	
BUTYLBENZYLPHTHALATE	85-68-7	5	<5	4.B
CHRYSENE	218-01-9	5	<5	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	5	<5	4.B
DIBENZOFURAN	132-64-9	5	<5	4.B
DIETHYLPHTHALATE	84-66-2	5	<5	4.B
DIMETHYLPHTHALATE	131-11-3	5	<5	4.B
DI-n-BUTYLPHTHALATE	84-74-2	5	<5	4.B
DI-n-OCTYLPHTHALATE	117-84-0	5	<5	4.B
FLUORANTHENE	206-44-0	5	<5	4.B
FLUORENE	86-73-7	5	<5	4.B
HEXACHLOROBENZENE	118-74-1	5	<5	4.B
HEXACHLOROBUTADIENE	87-68-3	5	<5	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	<5	4.B
HEXACHLOROETHANE	67-72-1	5	<5	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	5	<5	4.B
ISOPHORONE	78-59-1	5	<5	4.B
NAPHTHALENE	91-20-3	5	<5	4.B
NITROBENZENE	98-95-3	5	<5	4.B
n-NITROSODIMETHYLAMINE	62-75-9	5	<5	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	5	<5	4.B
n-NITROSODIPHENYLAMINE	86-30-6	5	<5	4.B
PENTACHLOROPHENOL	87-86-5	5	<5	4.B
PHENANTHRENE	85-01-8	5	<5	4.B
PHENOL	108-95-2	5	<5	4.B
PYRENE	129-00-0	5	<5	4.B

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-5)
Date received: 7/21/09	Laboratory ID: 1181064
Date analyzed: See Below	Matrix: Liquid

Target Compound List-Metals

PARAMETER	MDL mg/L	Date Analyzed	RESULTS mg/L	FLAG
ALUMINUM, Al	0.05	7/24/2009	139	4.F
ANTIMONY, Sb	0.05	7/23/2009	<0.05	
ARSENIC, As	0.05	7/23/2009	<0.05	
BARIUM, Ba	1.00	7/23/2009	<1.00	
BERYLLIUM, Be	0.05	7/23/2009	<0.05	
CADMIUM, Cd	0.05	7/23/2009	<0.05	
CALCIUM, Ca	0.05	7/23/2009	76.20	
CHROMIUM, Cr	0.05	7/23/2009	0.093	
COBALT, Co	0.05	7/23/2009	<0.05	
COPPER, Cu	0.05	7/23/2009	0.099	
IRON, Fe	0.05	7/24/2009	104	
LEAD, Pb	0.05	7/23/2009	0.08	
MAGNESIUM, Mg	0.05	7/23/2009	17.90	
MANGANESE, Mn	0.05	7/23/2009	2.83	
MERCURY, Hg•	0.002	7/28/2009	<0.002	
NICKEL, Ni	0.05	7/23/2009	0.11	
POTASSIUM, K	0.05	7/23/2009	7.91	
SELENIUM, Se	0.05	7/23/2009	<0.05	
SILVER, Ag	0.05	7/23/2009	<0.05	
SODIUM, Na	0.05	7/23/2009	43.80	
THALIUM, Tl	0.05	7/23/2009	<0.05	
VANADIUM, V	0.05	7/23/2009	0.12	
ZINC, Zn	0.00	7/23/2009	0.26	

MDL = Minimum Detection Limit.
Method: EPA 200.7
•Method: EPA 245.2

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-6)
Date received: 7/21/09	Laboratory ID: 1181065
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4.B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-6)
Date received: 7/21/09	Laboratory ID: 1181065
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	<5	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	<5	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-6)
Date received: 7/21/09	Laboratory ID: 1181065
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	4.B
1,2-DICHLOROBENZENE	95-50-1	5	<5	4.B
1,3-DICHLOROBENZENE	541-73-1	5	<5	4.B
1,4-DICHLOROBENZENE	106-46-7	5	<5	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	5	<5	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	5	<5	4.B
2,4-DICHLOROPHENOL	120-83-2	5	<5	4.B
2,4-DIMETHYPHENOL	105-67-9	5	<5	4.B
2,4-DINITROPHENOL	51-28-5	5	<5	4.B
2,4-DINITROTOLUENE	121-14-2	5	<5	4.B
2,6-DINITROTOLUENE	606-20-2	5	<5	4.B
2-CHLORONAPHTHALENE	91-58-7	5	<5	4.B
2-CHLOROPHENOL	95-57-8	5	<5	4.B
2-METHYLNAPHTHALENE	91-57-6	5	<5	4.B
2-METHYLPHENOL	95-48-7	5	<5	4.B
2-NITROANILINE	88-74-4	5	<5	4.B
2-NITROPHENOL	88-75-5	5	<5	4.B
3,3-DICHLOROBENZIDINE	91-94-1	5	<5	4.B
3+4-METHYLPHENOL	15831-10-4	5	<5	4.B
3-NITROANILINE	99-09-2	5	<5	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	5	<5	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	5	<5	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	5	<5	4.B
4-CHLOROANILINE	106-47-8	5	<5	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	5	<5	4.B
4-NITROANILINE	100-01-6	5	<5	4.B
4-NITROPHENOL	100-02-7	5	<5	4.B
ACENAPHTHENE	83-32-9	5	<5	4.B
ACENAPHTHYLENE	208-96-8	5	<5	4.B
ANILINE	62-53-3	5	<5	4.B
ANTHRACENE	120-12-7	5	<5	4.B
BENZO-a-ANTHRACENE	56-55-3	5	<5	4.B
BENZO-a-PYRENE	50-32-8	5	<5	4.B
BENZO-b-FLUORANTHENE	205-99-2	5	<5	4.B
BENZO-g,h,i-PERYLENE	191-24-2	5	<5	4.B
BENZO-k-FLUORANTHENE	207-08-9	5	<5	4.B

MDL = Minimum Detection Limit.

Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-6)
Date received: 7/21/09	Laboratory ID: 1181065
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
BENZYL ALCOHOL	100-51-6	5	<5	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	5	<5	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	5	<5	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	5	<5	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	30	
BUTYLBENZYLPHTHALATE	85-68-7	5	<5	4.B
CHRYSENE	218-01-9	5	<5	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	5	<5	4.B
DIBENZOFURAN	132-64-9	5	<5	4.B
DIETHYLPHTHALATE	84-66-2	5	<5	4.B
DIMETHYLPHTHALATE	131-11-3	5	<5	4.B
DI-n-BUTYLPHTHALATE	84-74-2	5	<5	4.B
DI-n-OCTYLPHTHALATE	117-84-0	5	<5	4.B
FLUORANTHENE	206-44-0	5	<5	4.B
FLUORENE	86-73-7	5	<5	4.B
HEXACHLOROBENZENE	118-74-1	5	<5	4.B
HEXACHLOROBUTADIENE	87-68-3	5	<5	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	<5	4.B
HEXACHLOROETHANE	67-72-1	5	<5	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	5	<5	4.B
ISOPHORONE	78-59-1	5	<5	4.B
NAPHTHALENE	91-20-3	5	<5	4.B
NITROBENZENE	98-95-3	5	<5	4.B
n-NITROSODIMETHYLAMINE	62-75-9	5	<5	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	5	<5	4.B
n-NITROSODIPHENYLAMINE	86-30-6	5	<5	4.B
PENTACHLOROPHENOL	87-86-5	5	<5	4.B
PHENANTHRENE	85-01-8	5	<5	4.B
PHENOL	108-95-2	5	<5	4.B
PYRENE	129-00-0	5	<5	4.B

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-6)
Date received: 7/21/09	Laboratory ID: 1181065
Date analyzed: See Below	Matrix: Liquid

Target Compound List-Metals

PARAMETER	MDL mg/L	Date Analyzed	RESULTS mg/L	FLAG
ALUMINUM, Al	0.05	7/24/2009	104	4.F
ANTIMONY, Sb	0.05	7/23/2009	<0.05	
ARSENIC, As	0.05	7/23/2009	0.08	
BARIUM, Ba	1.00	7/23/2009	<1.00	
BERYLLIUM, Be	0.05	7/23/2009	<0.05	
CADMIUM, Cd	0.05	7/23/2009	<0.05	
CALCIUM, Ca	0.05	7/23/2009	55.50	
CHROMIUM, Cr	0.05	7/23/2009	0.099	
COBALT, Co	0.05	7/23/2009	<0.05	
COPPER, Cu	0.05	7/23/2009	0.12	
IRON, Fe	0.05	7/24/2009	218	
LEAD, Pb	0.005	7/23/2009	0.1	
MAGNESIUM, Mg	0.05	7/23/2009	13.50	
MANGANESE, Mn	0.05	7/23/2009	0.59	
MERCURY, Hg•	0.002	7/28/2009	<0.002	
NICKEL, Ni	0.05	7/23/2009	0.076	
POTASSIUM, K	0.05	7/23/2009	10.70	
SELENIUM, Se	0.05	7/23/2009	<0.05	
SILVER, Ag	0.05	7/23/2009	<0.05	
SODIUM, Na	0.05	7/24/2009	241	
THALIUM, Tl	0.05	7/23/2009	<0.05	
VANADIUM, V	0.05	7/23/2009	0.15	
ZINC, Zn	0.00	7/23/2009	0.27	

MDL = Minimum Detection Limit.
Method: EPA 200.7
•Method: EPA 245.2

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-7)
Date received: 7/21/09	Laboratory ID: 1181066
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4.B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	

MDL = Minimum Detection Limit.

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Date received: 7/21/09	Laboratory ID: 1181066
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	<5	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	<5	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-7)
Date received: 7/21/09	Laboratory ID: 1181066
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	4.B
1,2-DICHLOROBENZENE	95-50-1	5	<5	4.B
1,3-DICHLOROBENZENE	541-73-1	5	<5	4.B
1,4-DICHLOROBENZENE	106-46-7	5	<5	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	5	<5	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	5	<5	4.B
2,4-DICHLOROPHENOL	120-83-2	5	<5	4.B
2,4-DIMETHYPHENOL	105-67-9	5	<5	4.B
2,4-DINITROPHENOL	51-28-5	5	<5	4.B
2,4-DINITROTOLUENE	121-14-2	5	<5	4.B
2,6-DINITROTOLUENE	606-20-2	5	<5	4.B
2-CHLORONAPHTHALENE	91-58-7	5	<5	4.B
2-CHLOROPHENOL	95-57-8	5	<5	4.B
2-METHYLNAPHTHALENE	91-57-6	5	<5	4.B
2-METHYLPHENOL	95-48-7	5	<5	4.B
2-NITROANILINE	88-74-4	5	<5	4.B
2-NITROPHENOL	88-75-5	5	<5	4.B
3,3-DICHLOROBENZIDINE	91-94-1	5	<5	4.B
3+4-METHYLPHENOL	15831-10-4	5	<5	4.B
3-NITROANILINE	99-09-2	5	<5	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	5	<5	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	5	<5	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	5	<5	4.B
4-CHLOROANILINE	106-47-8	5	<5	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	5	<5	4.B
4-NITROANILINE	100-01-6	5	<5	4.B
4-NITROPHENOL	100-02-7	5	<5	4.B
ACENAPHTHENE	83-32-9	5	<5	4.B
ACENAPHTHYLENE	208-96-8	5	<5	4.B
ANILINE	62-53-3	5	<5	4.B
ANTHRACENE	120-12-7	5	<5	4.B
BENZO-a-ANTHRACENE	56-55-3	5	<5	4.B
BENZO-a-PYRENE	50-32-8	5	<5	4.B
BENZO-b-FLUOROANTHENE	205-99-2	5	<5	4.B
BENZO-g,h,i-PERYLENE	191-24-2	5	<5	4.B
BENZO-k-FLUOROANTHENE	207-08-9	5	<5	4.B

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-7)
Date received: 7/21/09	Laboratory ID: 1181066
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
BENZYL ALCOHOL	100-51-6	5	<5	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	5	<5	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	5	<5	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	5	<5	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	20	
BUTYLBENZYLPHTHALATE	85-68-7	5	<5	4.B
CHRYSENE	218-01-9	5	<5	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	5	<5	4.B
DIBENZOFURAN	132-64-9	5	<5	4.B
DIETHYLPHTHALATE	84-66-2	5	<5	4.B
DIMETHYLPHTHALATE	131-11-3	5	<5	4.B
DI-n-BUTYLPHTHALATE	84-74-2	5	<5	4.B
DI-n-OCTYLPHTHALATE	117-84-0	5	<5	4.B
FLUORANTHENE	206-44-0	5	<5	4.B
FLUORENE	86-73-7	5	<5	4.B
HEXACHLOROBENZENE	118-74-1	5	<5	4.B
HEXACHLOROBUTADIENE	87-68-3	5	<5	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	<5	4.B
HEXACHLOROETHANE	67-72-1	5	<5	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	5	<5	4.B
ISOPHORONE	78-59-1	5	<5	4.B
NAPHTHALENE	91-20-3	5	<5	4.B
NITROBENZENE	98-95-3	5	<5	4.B
n-NITROSODIMETHYLAMINE	62-75-9	5	<5	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	5	<5	4.B
n-NITROSODIPHENYLAMINE	86-30-6	5	<5	4.B
PENTACHLOROPHENOL	87-86-5	5	<5	4.B
PHENANTHRENE	85-01-8	5	<5	4.B
PHENOL	108-95-2	5	<5	4.B
PYRENE	129-00-0	5	<5	4.B

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-7)
Date received: 7/21/09	Laboratory ID: 1181066
Date analyzed: See Below	Matrix: Liquid

Target Compound List-Metals

PARAMETER	MDL mg/L	Date Analyzed	RESULTS mg/L	FLAG
ALUMINUM, Al	0.05	7/24/2009	269	4.F
ANTIMONY, Sb	0.05	7/23/2009	<0.05	
ARSENIC, As	0.05	7/23/2009	0.053	
BARIUM, Ba	1.00	7/23/2009	1.02	
BERYLLIUM, Be	0.05	7/23/2009	<0.05	
CADMIUM, Cd	0.05	7/23/2009	<0.05	
CALCIUM, Ca	0.05	7/23/2009	34	
CHROMIUM, Cr	0.05	7/23/2009	0.15	
COBALT, Co	0.05	7/23/2009	0.079	
COPPER, Cu	0.05	7/23/2009	0.16	
IRON, Fe	0.05	7/24/2009	213	
LEAD, Pb	0.005	7/23/2009	0.14	
MAGNESIUM, Mg	0.05	7/23/2009	16.80	
MANGANESE, Mn	0.05	7/23/2009	2.95	
MERCURY, Hg•	0.002	7/28/2009	<0.002	
NICKEL, Ni	0.05	7/23/2009	0.14	
POTASSIUM, K	0.05	7/23/2009	10.30	
SELENIUM, Se	0.05	7/23/2009	<0.05	
SILVER, Ag	0.05	7/23/2009	<0.05	
SODIUM, Na	0.05	7/23/2009	5.36	
THALIUM, Tl	0.05	7/23/2009	<0.05	
VANADIUM, V	0.05	7/23/2009	0.26	
ZINC, Zn	0.00	7/23/2009	0.39	

MDL = Minimum Detection Limit.
Method: EPA 200.7
•Method: EPA 245.2

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-8)
Date received: 7/21/09	Laboratory ID: 1181067
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4.B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-8)
Date received: 7/21/09	Laboratory ID: 1181067
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	<5	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	<5	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-8)
Date received: 7/21/09	Laboratory ID: 1181067
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	4.B
1,2-DICHLOROBENZENE	95-50-1	5	<5	4.B
1,3-DICHLOROBENZENE	541-73-1	5	<5	4.B
1,4-DICHLOROBENZENE	106-46-7	5	<5	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	5	<5	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	5	<5	4.B
2,4-DICHLOROPHENOL	120-83-2	5	<5	4.B
2,4-DIMETHYPHENOL	105-67-9	5	<5	4.B
2,4-DINITROPHENOL	51-28-5	5	<5	4.B
2,4-DINITROTOLUENE	121-14-2	5	<5	4.B
2,6-DINITROTOLUENE	606-20-2	5	<5	4.B
2-CHLORONAPHTHALENE	91-58-7	5	<5	4.B
2-CHLOROPHENOL	95-57-8	5	<5	4.B
2-METHYLNAPHTHALENE	91-57-6	5	<5	4.B
2-METHYLPHENOL	95-48-7	5	<5	4.B
2-NITROANILINE	88-74-4	5	<5	4.B
2-NITROPHENOL	88-75-5	5	<5	4.B
3,3-DICHLOROBENZIDINE	91-94-1	5	<5	4.B
3+4-METHYLPHENOL	15831-10-4	5	<5	4.B
3-NITROANILINE	99-09-2	5	<5	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	5	<5	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	5	<5	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	5	<5	4.B
4-CHLOROANILINE	106-47-8	5	<5	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	5	<5	4.B
4-NITROANILINE	100-01-6	5	<5	4.B
4-NITROPHENOL	100-02-7	5	<5	4.B
ACENAPHTHENE	83-32-9	5	<5	4.B
ACENAPHTHYLENE	208-96-8	5	<5	4.B
ANILINE	62-53-3	5	<5	4.B
ANTHRACENE	120-12-7	5	<5	4.B
BENZO-a-ANTHRACENE	56-55-3	5	<5	4.B
BENZO-a-PYRENE	50-32-8	5	<5	4.B
BENZO-b-FLUOROANTHENE	205-99-2	5	<5	4.B
BENZO-g,h,i-PERYLENE	191-24-2	5	<5	4.B
BENZO-k-FLUOROANTHENE	207-08-9	5	<5	4.B

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-8)
Date received: 7/21/09	Laboratory ID: 1181067
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
BENZYL ALCOHOL	100-51-6	5	<5	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	5	<5	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	5	<5	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	5	<5	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	20	
BUTYLBENZYLPHTHALATE	85-68-7	5	<5	4.B
CHRYSENE	218-01-9	5	<5	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	5	<5	4.B
DIBENZOFURAN	132-64-9	5	<5	4.B
DIETHYLPHTHALATE	84-66-2	5	<5	4.B
DIMETHYLPHTHALATE	131-11-3	5	<5	4.B
DI-n-BUTYLPHTHALATE	84-74-2	5	<5	4.B
DI-n-OCTYLPHTHALATE	117-84-0	5	<5	4.B
FLUORANTHENE	206-44-0	5	<5	4.B
FLUORENE	86-73-7	5	<5	4.B
HEXACHLOROBENZENE	118-74-1	5	<5	4.B
HEXACHLOROBUTADIENE	87-68-3	5	<5	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	<5	4.B
HEXACHLOROETHANE	67-72-1	5	<5	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	5	<5	4.B
ISOPHORONE	78-59-1	5	<5	4.B
NAPHTHALENE	91-20-3	5	<5	4.B
NITROBENZENE	98-95-3	5	<5	4.B
n-NITROSODIMETHYLAMINE	62-75-9	5	<5	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	5	<5	4.B
n-NITROSODIPHENYLAMINE	86-30-6	5	<5	4.B
PENTACHLOROPHENOL	87-86-5	5	<5	4.B
PHENANTHRENE	85-01-8	5	<5	4.B
PHENOL	108-95-2	5	<5	4.B
PYRENE	129-00-0	5	<5	4.B

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-8)
Date received: 7/21/09	Laboratory ID: 1181067
Date analyzed: See Below	Matrix: Liquid

Target Compound List-Metals

PARAMETER	MDL mg/L	Date Analyzed	RESULTS mg/L	FLAG
ALUMINUM, Al	0.05	7/24/2009	45.3	4.F
ANTIMONY, Sb	0.05	7/23/2009	<0.05	
ARSENIC, As	0.05	7/23/2009	<0.05	
BARIUM, Ba	1.00	7/23/2009	<1.00	
BERYLLIUM, Be	0.05	7/23/2009	<0.05	
CADMIUM, Cd	0.05	7/23/2009	<0.05	
CALCIUM, Ca	0.05	7/23/2009	11.10	
CHROMIUM, Cr	0.05	7/23/2009	<0.05	
COBALT, Co	0.05	7/23/2009	<0.05	
COPPER, Cu	0.05	7/23/2009	<0.05	
IRON, Fe	0.05	7/24/2009	39.6	
LEAD, Pb	0.05	7/23/2009	<0.05	
MAGNESIUM, Mg	0.05	7/23/2009	4.15	
MANGANESE, Mn	0.05	7/23/2009	1.41	
MERCURY, Hg•	0.002	7/28/2009	<0.002	
NICKEL, Ni	0.05	7/23/2009	<0.05	
POTASSIUM, K	0.05	7/23/2009	3.18	
SELENIUM, Se	0.05	7/23/2009	<0.05	
SILVER, Ag	0.05	7/23/2009	<0.05	
SODIUM, Na	0.05	7/23/2009	10.20	
THALIUM, Tl	0.05	7/23/2009	<0.05	
VANADIUM, V	0.05	7/23/2009	<0.05	
ZINC, Zn	0.00	7/23/2009	0.15	

MDL = Minimum Detection Limit.
Method: EPA 200.7
•Method: EPA 245.2

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-9)
Date received: 7/21/09	Laboratory ID: 1181068
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4.B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-9)
Date received: 7/21/09	Laboratory ID: 1181068
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	26.40	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	<5	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-9)
Date received: 7/21/09	Laboratory ID: 1181068
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	4.B
1,2-DICHLOROBENZENE	95-50-1	5	<5	4.B
1,3-DICHLOROBENZENE	541-73-1	5	<5	4.B
1,4-DICHLOROBENZENE	106-46-7	5	<5	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	5	<5	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	5	<5	4.B
2,4-DICHLOROPHENOL	120-83-2	5	<5	4.B
2,4-DIMETHYPHENOL	105-67-9	5	<5	4.B
2,4-DINITROPHENOL	51-28-5	5	<5	4.B
2,4-DINITROTOLUENE	121-14-2	5	<5	4.B
2,6-DINITROTOLUENE	606-20-2	5	<5	4.B
2-CHLORONAPHTHALENE	91-58-7	5	<5	4.B
2-CHLOROPHENOL	95-57-8	5	<5	4.B
2-METHYLNAPHTHALENE	91-57-6	5	<5	4.B
2-METHYLPHENOL	95-48-7	5	<5	4.B
2-NITROANILINE	88-74-4	5	<5	4.B
2-NITROPHENOL	88-75-5	5	<5	4.B
3,3-DICHLOROBENZIDINE	91-94-1	5	<5	4.B
3+4-METHYLPHENOL	15831-10-4	5	<5	4.B
3-NITROANILINE	99-09-2	5	<5	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	5	<5	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	5	<5	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	5	<5	4.B
4-CHLOROANILINE	106-47-8	5	<5	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	5	<5	4.B
4-NITROANILINE	100-01-6	5	<5	4.B
4-NITROPHENOL	100-02-7	5	<5	4.B
ACENAPHTHENE	83-32-9	5	<5	4.B
ACENAPHTHYLENE	208-96-8	5	<5	4.B
ANILINE	62-53-3	5	<5	4.B
ANTHRACENE	120-12-7	5	<5	4.B
BENZO-a-ANTHRACENE	56-55-3	5	<5	4.B
BENZO-a-PYRENE	50-32-8	5	<5	4.B
BENZO-b-FLUOROANTHENE	205-99-2	5	<5	4.B
BENZO-g,h,i-PERYLENE	191-24-2	5	<5	4.B
BENZO-k-FLUOROANTHENE	207-08-9	5	<5	4.B

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-9)
Date received: 7/21/09	Laboratory ID: 1181068
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
BENZYL ALCOHOL	100-51-6	5	<5	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	5	<5	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	5	<5	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	5	<5	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	20	
BUTYLBENZYLPHTHALATE	85-68-7	5	<5	4.B
CHRYSENE	218-01-9	5	<5	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	5	<5	4.B
DIBENZOFURAN	132-64-9	5	<5	4.B
DIETHYLPHTHALATE	84-66-2	5	<5	4.B
DIMETHYLPHTHALATE	131-11-3	5	<5	4.B
DI-n-BUTYLPHTHALATE	84-74-2	5	<5	4.B
DI-n-OCTYLPHTHALATE	117-84-0	5	<5	4.B
FLUORANTHENE	206-44-0	5	<5	4.B
FLUORENE	86-73-7	5	<5	4.B
HEXACHLOROBENZENE	118-74-1	5	<5	4.B
HEXACHLOROBUTADIENE	87-68-3	5	<5	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	<5	4.B
HEXACHLOROETHANE	67-72-1	5	<5	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	5	<5	4.B
ISOPHORONE	78-59-1	5	<5	4.B
NAPHTHALENE	91-20-3	5	<5	4.B
NITROBENZENE	98-95-3	5	<5	4.B
n-NITROSODIMETHYLAMINE	62-75-9	5	<5	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	5	<5	4.B
n-NITROSODIPHENYLAMINE	86-30-6	5	<5	4.B
PENTACHLOROPHENOL	87-86-5	5	<5	4.B
PHENANTHRENE	85-01-8	5	<5	4.B
PHENOL	108-95-2	5	<5	4.B
PYRENE	129-00-0	5	<5	4.B

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-9)
Date received: 7/21/09	Laboratory ID: 1181068
Date analyzed: See Below	Matrix: Liquid

Target Compound List-Metals

PARAMETER	MDL mg/L	Date Analyzed	RESULTS mg/L	FLAG
ALUMINUM, Al	0.05	7/24/2009	16.1	4.F
ANTIMONY, Sb	0.05	7/23/2009	<0.05	
ARSENIC, As	0.05	7/23/2009	<0.05	
BARIUM, Ba	1.00	7/23/2009	<1.00	
BERYLLIUM, Be	0.05	7/23/2009	<0.05	
CADMIUM, Cd	0.05	7/23/2009	<0.05	
CALCIUM, Ca	0.05	7/23/2009	19.80	
CHROMIUM, Cr	0.05	7/23/2009	<0.05	
COBALT, Co	0.05	7/23/2009	<0.05	
COPPER, Cu	0.05	7/23/2009	<0.05	
IRON, Fe	0.05	7/23/2009	7.85	
LEAD, Pb	0.05	7/23/2009	<0.05	
MAGNESIUM, Mg	0.05	7/23/2009	6.52	
MANGANESE, Mn	0.05	7/23/2009	0.42	
MERCURY, Hg•	0.002	7/28/2009	<0.002	
NICKEL, Ni	0.05	7/23/2009	<0.05	
POTASSIUM, K	0.05	7/23/2009	3.72	
SELENIUM, Se	0.05	7/23/2009	<0.05	
SILVER, Ag	0.05	7/23/2009	<0.05	
SODIUM, Na	0.05	7/23/2009	16.60	
THALIUM, Tl	0.05	7/23/2009	<0.05	
VANADIUM, V	0.05	7/23/2009	<0.05	
ZINC, Zn	0.00	7/23/2009	0.029	

MDL = Minimum Detection Limit.
Method: EPA 200.7
•Method: EPA 245.2

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: AVIS, Garden City (MW-9A)
Date received: 8/11/09	Laboratory ID: 1182795
Date extracted: 8/11/09	Matrix: Liquid
Date analyzed: 8/11/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	2 B
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4 B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	

MDL = Minimum Detection Limit

LONG ISLAND ANALYTICAL LABORATORIES INC.
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Client: Soil Mechanics	Client ID: AVIS, Garden City (MW-9A)
Date received: 8/11/09	Laboratory ID: 1182795
Date extracted: 8/11/09	Matrix: Liquid
Date analyzed: 8/11/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	<5	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	<5	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-10)
Date received: 7/21/09	Laboratory ID: 1181069
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4 B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-10)
Date received: 7/21/09	Laboratory ID: 1181069
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	<5	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	<5	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-10)
Date received: 7/21/09	Laboratory ID: 1181069
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	4.B
1,2-DICHLOROBENZENE	95-50-1	5	<5	4.B
1,3-DICHLOROBENZENE	541-73-1	5	<5	4.B
1,4-DICHLOROBENZENE	106-46-7	5	<5	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	5	<5	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	5	<5	4.B
2,4-DICHLOROPHENOL	120-83-2	5	<5	4.B
2,4-DIMETHYPHENOL	105-67-9	5	<5	4.B
2,4-DINITROPHENOL	51-28-5	5	<5	4.B
2,4-DINITROTOLUENE	121-14-2	5	<5	4.B
2,6-DINITROTOLUENE	606-20-2	5	<5	4.B
2-CHLORONAPHTHALENE	91-58-7	5	<5	4.B
2-CHLOROPHENOL	95-57-8	5	<5	4.B
2-METHYLNAPHTHALENE	91-57-6	5	<5	4.B
2-METHYLPHENOL	95-48-7	5	<5	4.B
2-NITROANILINE	88-74-4	5	<5	4.B
2-NITROPHENOL	88-75-5	5	<5	4.B
3,3-DICHLOROBENZIDINE	91-94-1	5	<5	4.B
3+4-METHYLPHENOL	15831-10-4	5	<5	4.B
3-NITROANILINE	99-09-2	5	<5	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	5	<5	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	5	<5	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	5	<5	4.B
4-CHLOROANILINE	106-47-8	5	<5	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	5	<5	4.B
4-NITROANILINE	100-01-6	5	<5	4.B
4-NITROPHENOL	100-02-7	5	<5	4.B
ACENAPHTHENE	83-32-9	5	<5	4.B
ACENAPHTHYLENE	208-96-8	5	<5	4.B
ANILINE	62-53-3	5	<5	4.B
ANTHRACENE	120-12-7	5	<5	4.B
BENZO-a-ANTHRACENE	56-55-3	5	<5	4.B
BENZO-a-PYRENE	50-32-8	5	<5	4.B
BENZO-b-FLUOROANTHENE	205-99-2	5	<5	4.B
BENZO-g,h,i-PERYLENE	191-24-2	5	<5	4.B
BENZO-k-FLUOROANTHENE	207-08-9	5	<5	4.B

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-10)
Date received: 7/21/09	Laboratory ID: 1181069
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
BENZYL ALCOHOL	100-51-6	5	<5	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	5	<5	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	5	<5	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	5	<5	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	20	
BUTYLBENZYLPHTHALATE	85-68-7	5	<5	4.B
CHRYSENE	218-01-9	5	<5	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	5	<5	4.B
DIBENZOFURAN	132-64-9	5	<5	4.B
DIETHYLPHTHALATE	84-66-2	5	<5	4.B
DIMETHYLPHTHALATE	131-11-3	5	<5	4.B
DI-n-BUTYLPHTHALATE	84-74-2	5	<5	4.B
DI-n-OCTYLPHTHALATE	117-84-0	5	<5	4.B
FLUORANTHENE	206-44-0	5	<5	4.B
FLUORENE	86-73-7	5	<5	4.B
HEXACHLOROBENZENE	118-74-1	5	<5	4.B
HEXACHLOROBUTADIENE	87-68-3	5	<5	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	<5	4.B
HEXACHLOROETHANE	67-72-1	5	<5	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	5	<5	4.B
ISOPHORONE	78-59-1	5	<5	4.B
NAPHTHALENE	91-20-3	5	<5	4.B
NITROBENZENE	98-95-3	5	<5	4.B
n-NITROSODIMETHYLAMINE	62-75-9	5	<5	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	5	<5	4.B
n-NITROSODIPHENYLAMINE	86-30-6	5	<5	4.B
PENTACHLOROPHENOL	87-86-5	5	<5	4.B
PHENANTHRENE	85-01-8	5	<5	4.B
PHENOL	108-95-2	5	<5	4.B
PYRENE	129-00-0	5	<5	4.B

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-10)
Date received: 7/21/09	Laboratory ID: 1181069
Date analyzed: See Below	Matrix: Liquid

Target Compound List-Metals

PARAMETER	MDL mg/L	Date Analyzed	RESULTS mg/L	FLAG
ALUMINUM, Al	0.05	7/24/2009	169	4.F
ANTIMONY, Sb	0.05	7/23/2009	<0.05	
ARSENIC, As	0.05	7/23/2009	<0.05	
BARIUM, Ba	1.00	7/23/2009	<1.00	
BERYLLIUM, Be	0.05	7/23/2009	<0.05	
CADMIUM, Cd	0.05	7/23/2009	<0.05	
CALCIUM, Ca	0.05	7/23/2009	32.30	
CHROMIUM, Cr	0.05	7/23/2009	0.13	
COBALT, Co	0.05	7/23/2009	0.059	
COPPER, Cu	0.05	7/23/2009	0.13	
IRON, Fe	0.05	7/24/2009	124	
LEAD, Pb	0.05	7/23/2009	0.085	
MAGNESIUM, Mg	0.05	7/23/2009	11.90	
MANGANESE, Mn	0.05	7/23/2009	5.07	
MERCURY, Hg•	0.002	7/28/2009	<0.002	
NICKEL, Ni	0.05	7/23/2009	0.091	
POTASSIUM, K	0.05	7/23/2009	9.38	
SELENIUM, Se	0.05	7/23/2009	<0.05	
SILVER, Ag	0.05	7/23/2009	<0.05	
SODIUM, Na	0.05	7/23/2009	38.40	
THALIUM, Tl	0.05	7/23/2009	<0.05	
VANADIUM, V	0.05	7/23/2009	0.15	
ZINC, Zn	0.00	7/23/2009	0.29	

MDL = Minimum Detection Limit.
Method: EPA 200.7
•Method: EPA 245.2

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-11)
Date received: 7/21/09	Laboratory ID: 1181070
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4.B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-11)
Date received: 7/21/09	Laboratory ID: 1181070
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	<5	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	12.90	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-11)
Date received: 7/21/09	Laboratory ID: 1181070
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	4.B
1,2-DICHLOROBENZENE	95-50-1	5	<5	4.B
1,3-DICHLOROBENZENE	541-73-1	5	<5	4.B
1,4-DICHLOROBENZENE	106-46-7	5	<5	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	5	<5	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	5	<5	4.B
2,4-DICHLOROPHENOL	120-83-2	5	<5	4.B
2,4-DIMETHYPHENOL	105-67-9	5	<5	4.B
2,4-DINITROPHENOL	51-28-5	5	<5	4.B
2,4-DINITROTOLUENE	121-14-2	5	<5	4.B
2,6-DINITROTOLUENE	606-20-2	5	<5	4.B
2-CHLORONAPHTHALENE	91-58-7	5	<5	4.B
2-CHLOROPHENOL	95-57-8	5	<5	4.B
2-METHYLNAPHTHALENE	91-57-6	5	<5	4.B
2-METHYLPHENOL	96-48-7	5	<5	4.B
2-NITROANILINE	88-74-4	5	<5	4.B
2-NITROPHENOL	88-75-5	5	<5	4.B
3,3-DICHLOROBENZIDINE	91-94-1	5	<5	4.B
3+4-METHYLPHENOL	15831-10-4	5	<5	4.B
3-NITROANILINE	99-09-2	5	<5	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	5	<5	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	5	<5	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	5	<5	4.B
4-CHLOROANILINE	106-47-8	5	<5	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	5	<5	4.B
4-NITROANILINE	100-01-6	5	<5	4.B
4-NITROPHENOL	100-02-7	5	<5	4.B
ACENAPHTHENE	83-32-9	5	<5	4.B
ACENAPHTHYLENE	208-96-8	5	<5	4.B
ANILINE	62-53-3	5	<5	4.B
ANTHRACENE	120-12-7	5	<5	4.B
BENZO-a-ANTHRACENE	56-55-3	5	<5	4.B
BENZO-a-PYRENE	50-32-8	5	<5	4.B
BENZO-b-FLUORANTHENE	205-99-2	5	<5	4.B
BENZO-g,h,i-PERYLENE	191-24-2	5	<5	4.B
BENZO-k-FLUORANTHENE	207-08-9	5	<5	4.B

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-11)
Date received: 7/21/09	Laboratory ID: 1181070
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
BENZYL ALCOHOL	100-51-6	5	<5	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	5	<5	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	5	<5	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	5	<5	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	30	
BUTYLBENZYLPHTHALATE	85-68-7	5	<5	4.B
CHRYSENE	218-01-9	5	<5	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	5	<5	4.B
DIBENZOFURAN	132-64-9	5	<5	4.B
DIETHYLPHTHALATE	84-66-2	5	<5	4.B
DIMETHYLPHTHALATE	131-11-3	5	<5	4.B
DI-n-BUTYLPHTHALATE	84-74-2	5	<5	4.B
DI-n-OCTYLPHTHALATE	117-84-0	5	<5	4.B
FLUORANTHENE	206-44-0	5	<5	4.B
FLUORENE	86-73-7	5	<5	4.B
HEXACHLOROBENZENE	118-74-1	5	<5	4.B
HEXACHLOROBUTADIENE	87-68-3	5	<5	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	<5	4.B
HEXACHLOROETHANE	67-72-1	5	<5	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	5	<5	4.B
ISOPHORONE	78-59-1	5	<5	4.B
NAPHTHALENE	91-20-3	5	<5	4.B
NITROBENZENE	98-95-3	5	<5	4.B
n-NITROSODIMETHYLAMINE	62-75-9	5	<5	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	5	<5	4.B
n-NITROSODIPHENYLAMINE	86-30-6	5	<5	4.B
PENTACHLOROPHENOL	87-86-5	5	<5	4.B
PHENANTHRENE	85-01-8	5	<5	4.B
PHENOL	108-95-2	5	<5	4.B
PYRENE	129-00-0	5	<5	4.B

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-11)
Date received: 7/21/09	Laboratory ID: 1181070
Date analyzed: See Below	Matrix: Liquid

Target Compound List-Metals

PARAMETER	MDL mg/L	Date Analyzed	RESULTS mg/L	FLAG
ALUMINUM, Al	0.05	7/24/2009	36.7	4.F
ANTIMONY, Sb	0.05	7/23/2009	<0.05	
ARSENIC, As	0.05	7/23/2009	<0.05	
BARIUM, Ba	1.00	7/23/2009	<1.00	
BERYLLIUM, Be	0.05	7/23/2009	<0.05	
CADMIUM, Cd	0.05	7/23/2009	<0.05	
CALCIUM, Ca	0.05	7/23/2009	19.70	
CHROMIUM, Cr	0.05	7/23/2009	<0.05	
COBALT, Co	0.05	7/23/2009	<0.05	
COPPER, Cu	0.05	7/23/2009	<0.05	
IRON, Fe	0.05	7/24/2009	17.2	
LEAD, Pb	0.05	7/23/2009	<0.05	
MAGNESIUM, Mg	0.05	7/23/2009	6.42	
MANGANESE, Mn	0.05	7/23/2009	0.23	
MERCURY, Hg•	0.002	7/28/2009	<0.002	
NICKEL, Ni	0.05	7/23/2009	<0.05	
POTASSIUM, K	0.05	7/23/2009	2.88	
SELENIUM, Se	0.05	7/23/2009	<0.05	
SILVER, Ag	0.05	7/23/2009	<0.05	
SODIUM, Na	0.05	7/23/2009	29.20	
THALIUM, Tl	0.05	7/23/2009	<0.05	
VANADIUM, V	0.05	7/23/2009	<0.05	
ZINC, Zn	0.00	7/23/2009	0.068	

MDL = Minimum Detection Limit.
Method: EPA 200.7
•Method: EPA 245.2

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-12)
Date received: 7/21/09	Laboratory ID: 1181071
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4.B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-12)
Date received: 7/21/09	Laboratory ID: 1181071
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	<5	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	13.70	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-12)
Date received: 7/21/09	Laboratory ID: 1181071
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	4.B
1,2-DICHLOROBENZENE	95-50-1	5	<5	4.B
1,3-DICHLOROBENZENE	541-73-1	5	<5	4.B
1,4-DICHLOROBENZENE	106-46-7	5	<5	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	5	<5	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	5	<5	4.B
2,4-DICHLOROPHENOL	120-83-2	5	<5	4.B
2,4-DIMETHYPHENOL	105-67-9	5	<5	4.B
2,4-DINITROPHENOL	51-28-5	5	<5	4.B
2,4-DINITROTOLUENE	121-14-2	5	<5	4.B
2,6-DINITROTOLUENE	606-20-2	5	<5	4.B
2-CHLORONAPHTHALENE	91-58-7	5	<5	4.B
2-CHLOROPHENOL	95-57-8	5	<5	4.B
2-METHYLNAPHTHALENE	91-57-6	5	<5	4.B
2-METHYLPHENOL	95-48-7	5	<5	4.B
2-NITROANILINE	88-74-4	5	<5	4.B
2-NITROPHENOL	88-75-5	5	<5	4.B
3,3-DICHLOROBENZIDINE	91-94-1	5	<5	4.B
3+4-METHYLPHENOL	15831-10-4	5	<5	4.B
3-NITROANILINE	99-09-2	5	<5	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	5	<5	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	5	<5	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	5	<5	4.B
4-CHLOROANILINE	106-47-8	5	<5	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	5	<5	4.B
4-NITROANILINE	100-01-6	5	<5	4.B
4-NITROPHENOL	100-02-7	5	<5	4.B
ACENAPHTHENE	83-32-9	5	<5	4.B
ACENAPHTHYLENE	208-96-8	5	<5	4.B
ANILINE	62-53-3	5	<5	4.B
ANTHRACENE	120-12-7	5	<5	4.B
BENZO-a-ANTHRACENE	56-55-3	5	<5	4.B
BENZO-a-PYRENE	50-32-8	5	<5	4.B
BENZO-b-FLUORANTHENE	205-99-2	5	<5	4.B
BENZO-g,h,i-PERYLENE	191-24-2	5	<5	4.B
BENZO-k-FLUORANTHENE	207-08-9	5	<5	4.B

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-12)
Date received: 7/21/09	Laboratory ID: 1181071
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
BENZYL ALCOHOL	100-51-6	5	<5	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	5	<5	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	5	<5	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	5	<5	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	20	
BUTYLBENZYLPHTHALATE	85-68-7	5	<5	4.B
CHRYSENE	218-01-9	5	<5	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	5	<5	4.B
DIBENZOFURAN	132-64-9	5	<5	4.B
DIETHYLPHTHALATE	84-66-2	5	<5	4.B
DIMETHYLPHTHALATE	131-11-3	5	<5	4.B
DI-n-BUTYLPHTHALATE	84-74-2	5	<5	4.B
DI-n-OCTYLPHTHALATE	117-84-0	5	<5	4.B
FLUORANTHENE	206-44-0	5	<5	4.B
FLUORENE	86-73-7	5	<5	4.B
HEXACHLOROBENZENE	118-74-1	5	<5	4.B
HEXACHLOROBUTADIENE	87-68-3	5	<5	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	<5	4.B
HEXACHLOROETHANE	67-72-1	5	<5	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	5	<5	4.B
ISOPHORONE	78-59-1	5	<5	4.B
NAPHTHALENE	91-20-3	5	<5	4.B
NITROBENZENE	98-95-3	5	<5	4.B
n-NITROSODIMETHYLAMINE	62-75-9	5	<5	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	5	<5	4.B
n-NITROSODIPHENYLAMINE	86-30-6	5	<5	4.B
PENTACHLOROPHENOL	87-86-5	5	<5	4.B
PHENANTHRENE	85-01-8	5	<5	4.B
PHENOL	108-95-2	5	<5	4.B
PYRENE	129-00-0	5	<5	4.B

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-12)
Date received: 7/21/09	Laboratory ID: 1181071
Date analyzed: See Below	Matrix: Liquid

Target Compound List-Metals

PARAMETER	MDL mg/L	Date Analyzed	RESULTS mg/L	FLAG
ALUMINUM, Al	0.05	7/24/2009	12.8	4.F
ANTIMONY, Sb	0.05	7/23/2009	<0.05	
ARSENIC, As	0.05	7/23/2009	<0.05	
BARIUM, Ba	1.00	7/23/2009	<1.00	
BERYLLIUM, Be	0.05	7/23/2009	<0.05	
CADMIUM, Cd	0.05	7/23/2009	<0.05	
CALCIUM, Ca	0.05	7/23/2009	11.50	
CHROMIUM, Cr	0.05	7/23/2009	<0.05	
COBALT, Co	0.05	7/23/2009	<0.05	
COPPER, Cu	0.05	7/23/2009	<0.05	
IRON, Fe	0.05	7/23/2009	6.13	
LEAD, Pb	0.05	7/23/2009	<0.05	
MAGNESIUM, Mg	0.05	7/23/2009	2.90	
MANGANESE, Mn	0.05	7/23/2009	0.11	
MERCURY, Hg•	0.002	7/28/2009	<0.002	
NICKEL, Ni	0.05	7/23/2009	<0.05	
POTASSIUM, K	0.05	7/23/2009	1.78	
SELENIUM, Se	0.05	7/23/2009	<0.05	
SILVER, Ag	0.05	7/23/2009	<0.05	
SODIUM, Na	0.05	7/23/2009	33.30	
THALIUM, Tl	0.05	7/23/2009	<0.05	
VANADIUM, V	0.05	7/23/2009	<0.05	
ZINC, Zn	0.00	7/23/2009	0.049	

MDL = Minimum Detection Limit.
Method: EPA 200.7
•Method: EPA 245.2

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: AVIS, Garden City (MW-12A)
Date received: 8/11/09	Laboratory ID: 1182796
Date extracted: 8/11/09	Matrix: Liquid
Date analyzed: 8/11/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	

MDL = Minimum Detection Limit

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Client: Soil Mechanics	Client ID: AVIS, Garden City (MW-12A)
Date received: 8/11/09	Laboratory ID: 1182796
Date extracted: 8/11/09	Matrix: Liquid
Date analyzed: 8/11/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	4 B
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	<5	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	<5	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-13)
Date received: 7/21/09	Laboratory ID: 1181072
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4.B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-13)
Date received: 7/21/09	Laboratory ID: 1181072
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	<5	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	<5	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-13)
Date received: 7/21/09	Laboratory ID: 1181072
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	4.B
1,2-DICHLOROBENZENE	95-50-1	5	<5	4.B
1,3-DICHLOROBENZENE	541-73-1	5	<5	4.B
1,4-DICHLOROBENZENE	106-46-7	5	<5	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	5	<5	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	5	<5	4.B
2,4-DICHLOROPHENOL	120-83-2	5	<5	4.B
2,4-DIMETHYPHENOL	105-67-9	5	<5	4.B
2,4-DINITROPHENOL	51-28-5	5	<5	4.B
2,4-DINITROTOLUENE	121-14-2	5	<5	4.B
2,6-DINITROTOLUENE	606-20-2	5	<5	4.B
2-CHLORONAPHTHALENE	91-58-7	5	<5	4.B
2-CHLOROPHENOL	95-57-8	5	<5	4.B
2-METHYLNAPHTHALENE	91-57-6	5	<5	4.B
2-METHYLPHENOL	95-48-7	5	<5	4.B
2-NITROANILINE	88-74-4	5	<5	4.B
2-NITROPHENOL	88-75-5	5	<5	4.B
3,3-DICHLOROBENZIDINE	91-94-1	5	<5	4.B
3+4-METHYLPHENOL	15831-10-4	5	<5	4.B
3-NITROANILINE	99-09-2	5	<5	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	5	<5	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	5	<5	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	5	<5	4.B
4-CHLOROANILINE	106-47-8	5	<5	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	5	<5	4.B
4-NITROANILINE	100-01-6	5	<5	4.B
4-NITROPHENOL	100-02-7	5	<5	4.B
ACENAPHTHENE	83-32-9	5	<5	4.B
ACENAPHTHYLENE	208-96-8	5	<5	4.B
ANILINE	62-53-3	5	<5	4.B
ANTHRACENE	120-12-7	5	<5	4.B
BENZO-a-ANTHRACENE	56-55-3	5	<5	4.B
BENZO-a-PYRENE	50-32-8	5	<5	4.B
BENZO-b-FLUOROANTHENE	205-99-2	5	<5	4.B
BENZO-g,h,i-PERYLENE	191-24-2	5	<5	4.B
BENZO-k-FLUOROANTHENE	207-08-9	5	<5	4.B

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-13)
Date received: 7/21/09	Laboratory ID: 1181072
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
BENZYL ALCOHOL	100-51-6	5	<5	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	5	<5	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	5	<5	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	5	<5	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	30	
BUTYLBENZYLPHTHALATE	85-68-7	5	<5	4.B
CHRYSENE	218-01-9	5	<5	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	5	<5	4.B
DIBENZOFURAN	132-64-9	5	<5	4.B
DIETHYLPHTHALATE	84-66-2	5	<5	4.B
DIMETHYLPHTHALATE	131-11-3	5	<5	4.B
DI-n-BUTYLPHTHALATE	84-74-2	5	<5	4.B
DI-n-OCTYLPHTHALATE	117-84-0	5	<5	4.B
FLUORANTHENE	206-44-0	5	<5	4.B
FLUORENE	86-73-7	5	<5	4.B
HEXACHLOROBENZENE	118-74-1	5	<5	4.B
HEXACHLOROBUTADIENE	87-68-3	5	<5	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	<5	4.B
HEXACHLOROETHANE	67-72-1	5	<5	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	5	<5	4.B
ISOPHORONE	78-59-1	5	<5	4.B
NAPHTHALENE	91-20-3	5	<5	4.B
NITROBENZENE	98-95-3	5	<5	4.B
n-NITROSODIMETHYLAMINE	62-75-9	5	<5	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	5	<5	4.B
n-NITROSODIPHENYLAMINE	86-30-6	5	<5	4.B
PENTACHLOROPHENOL	87-86-5	5	<5	4.B
PHENANTHRENE	85-01-8	5	<5	4.B
PHENOL	108-95-2	5	<5	4.B
PYRENE	129-00-0	5	<5	4.B

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-13)
Date received: 7/21/09	Laboratory ID: 1181072
Date analyzed: See Below	Matrix: Liquid

Target Compound List-Metals

PARAMETER	MDL mg/L	Date Analyzed	RESULTS mg/L	FLAG
ALUMINUM, Al	0.05	7/24/2009	37.0	4.F
ANTIMONY, Sb	0.05	7/23/2009	<0.05	
ARSENIC, As	0.05	7/23/2009	<0.05	
BARIUM, Ba	1.00	7/23/2009	<1.00	
BERYLLIUM, Be	0.05	7/23/2009	<0.05	
CADMIUM, Cd	0.05	7/23/2009	<0.05	
CALCIUM, Ca	0.05	7/23/2009	12.10	
CHROMIUM, Cr	0.05	7/23/2009	<0.05	
COBALT, Co	0.05	7/23/2009	<0.05	
COPPER, Cu	0.05	7/23/2009	<0.05	
IRON, Fe	0.05	7/24/2009	26.0	
LEAD, Pb	0.05	7/23/2009	<0.05	
MAGNESIUM, Mg	0.05	7/23/2009	5.36	
MANGANESE, Mn	0.05	7/23/2009	0.17	
MERCURY, Hg•	0.002	7/28/2009	<0.002	
NICKEL, Ni	0.05	7/23/2009	<0.05	
POTASSIUM, K	0.05	7/23/2009	2.43	
SELENIUM, Se	0.05	7/23/2009	<0.05	
SILVER, Ag	0.05	7/23/2009	<0.05	
SODIUM, Na	0.05	7/23/2009	14.90	
THALIUM, Tl	0.05	7/23/2009	<0.05	
VANADIUM, V	0.05	7/23/2009	0.052	
ZINC, Zn	0.00	7/23/2009	0.13	

MDL = Minimum Detection Limit.
Method: EPA 200.7
•Method: EPA 245.2

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-14)
Date received: 7/22/09	Laboratory ID: 1181278
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4.B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	

MDL = Minimum Detection Limit

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-14)
Date received: 7/22/09	Laboratory ID: 1181278
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	<5	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	<5	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-14)
Date received: 7/22/09	Laboratory ID: 1181278
Date extracted: 7/23/09	Matrix: Liquid
Date analyzed: 7/23/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	4.B
1,2-DICHLOROBENZENE	95-50-1	5	<5	4.B
1,3-DICHLOROBENZENE	541-73-1	5	<5	4.B
1,4-DICHLOROBENZENE	106-46-7	5	<5	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	5	<5	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	5	<5	4.B
2,4-DICHLOROPHENOL	120-83-2	5	<5	4.B
2,4-DIMETHYPHENOL	105-67-9	5	<5	4.B
2,4-DINITROPHENOL	51-28-5	5	<5	4.B
2,4-DINITROTOLUENE	121-14-2	5	<5	4.B
2,6-DINITROTOLUENE	606-20-2	5	<5	4.B
2-CHLORONAPHTHALENE	91-58-7	5	<5	4.B
2-CHLOROPHENOL	95-57-8	5	<5	4.B
2-METHYLNAPHTHALENE	91-57-6	5	<5	4.B
2-METHYLPHENOL	95-48-7	5	<5	4.B
2-NITROANILINE	88-74-4	5	<5	4.B
2-NITROPHENOL	88-75-5	5	<5	4.B
3,3-DICHLOROBENZIDINE	91-94-1	5	<5	4.B
3+4-METHYLPHENOL	15831-10-4	5	<5	4.B
3-NITROANILINE	99-09-2	5	<5	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	5	<5	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	5	<5	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	5	<5	4.B
4-CHLOROANILINE	106-47-8	5	<5	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	5	<5	4.B
4-NITROANILINE	100-01-6	5	<5	4.B
4-NITROPHENOL	100-02-7	5	<5	4.B
ACENAPHTHENE	83-32-9	5	<5	4.B
ACENAPHTHYLENE	208-96-8	5	<5	4.B
ANILINE	62-53-3	5	<5	4.B
ANTHRACENE	120-12-7	5	<5	4.B
BENZO-a-ANTHRACENE	56-55-3	5	<5	4.J 4.B
BENZO-a-PYRENE	50-32-8	5	<5	4.B
BENZO-b-FLUOROANTHENE	205-99-2	5	<5	4.B
BENZO-g,h,i-PERYLENE	191-24-2	5	<5	4.B
BENZO-k-FLUOROANTHENE	207-08-9	5	<5	4.B

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Date extracted: 7/23/09	Matrix: Liquid
Date analyzed: 7/23/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
BENZYL ALCOHOL	100-51-6	5	<5	4,B
bis(2-CHLOROETHOXY)METHANE	111-91-1	5	<5	4,B
bis(2-CHLOROETHYL)ETHER	111-44-4	5	<5	4,B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	5	<5	4,B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	30	
BUTYLBENZYLPHTHALATE	85-68-7	5	<5	4,B
CHRYSENE	218-01-9	5	<5	4,B
DIBENZO-a,h-ANTHRACENE	53-70-3	5	<5	4,B
DIBENZOFURAN	132-64-9	5	<5	4,B
DIETHYLPHTHALATE	84-66-2	5	<5	4,B
DIMETHYLPHTHALATE	131-11-3	5	<5	4,B
DI-n-BUTYLPHTHALATE	84-74-2	5	<5	4,B
DI-n-OCTYLPHTHALATE	117-84-0	5	<5	4,B
FLUORANTHENE	206-44-0	5	<5	4,B
FLUORENE	86-73-7	5	<5	4,B
HEXACHLOROBENZENE	118-74-1	5	<5	4,B
HEXACHLOROBUTADIENE	87-68-3	5	<5	4,B
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	<5	4,B
HEXACHLOROETHANE	67-72-1	5	<5	4,B
INDENO(1,2,3-c,d)PYRENE	193-39-5	5	<5	4,B
ISOPHORONE	78-59-1	5	<5	4,B
NAPHTHALENE	91-20-3	5	<5	4,B
NITROBENZENE	98-95-3	5	<5	4,B
n-NITROSODIMETHYLAMINE	62-75-9	5	<5	4,B
n-NITROSODI-n-PROPYLAMINE	621-64-7	5	<5	4,B
n-NITROSODIPHENYLAMINE	86-30-6	5	<5	4,B
PENTACHLOROPHENOL	87-86-5	5	<5	4,B
PHENANTHRENE	85-01-8	5	<5	4,B
PHENOL	108-95-2	5	<5	4,B
PYRENE	129-00-0	5	<5	4,B

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-14)
Date received: 7/22/09	Laboratory ID: 1181278
Date analyzed: See Below	Matrix: Liquid

Target Compound List-Metals

PARAMETER	MDL	DATE ANALYZED	RESULTS mg/L	FLAG
SILVER, Ag	0.05 mg/L	7/27/09	<0.05	
ALUMINUM, Al	0.05 mg/L	7/27/09	1.96	
ARSENIC, As	0.05 mg/L	7/27/09	<0.05	
BARIUM, Ba	1.00 mg/L	7/27/09	<1.00	
BERYLLIUM, Be	0.05 mg/L	7/27/09	<0.05	
CALCIUM, Ca	0.05 mg/L	7/27/09	8.49	
CADMIUM, Cd	0.05 mg/L	7/27/09	<0.05	
COBALT, Co	0.05 mg/L	7/27/09	<0.05	
CHROMIUM, Cr	0.05 mg/L	7/27/09	<0.05	
COPPER, Cu	0.05 mg/L	7/27/09	<0.05	
IRON, Fe	0.05 mg/L	7/27/09	1.55	
MERCURY, Hg•	0.002 mg/L	7/27/09	<0.002	
POTASSIUM, K	0.05 mg/L	7/27/09	0.77	
MAGNESIUM, Mg	0.05 mg/L	7/27/09	1.80	
MANGANESE, Mn	0.05 mg/L	7/27/09	<0.05	
SODIUM, Na	0.05 mg/L	7/27/09	42.7	
NICKEL, Ni	0.05 mg/L	7/27/09	<0.05	
LEAD, Pb	0.05 mg/L	7/27/09	<0.05	
ANTIMONY, Sb	0.05 mg/L	7/27/09	<0.05	
SELENIUM, Se	0.05 mg/L	7/27/09	<0.05	
THALIUM, Tl	0.05 mg/L	7/27/09	<0.05	
VANADIUM, V	0.05 mg/L	7/27/09	<0.05	
ZINC, Zn	0.05 mg/L	7/27/09	0.08	

MDL = Minimum Detection Limit.
Method: EPA 200.7
•Method: EPA 245.2

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-15)
Date received: 7/22/09	Laboratory ID: 1181279
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4.B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	

MDL = Minimum Detection Limit

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Date received: 7/22/09	Laboratory ID: 1181279
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	<5	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	<5	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

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Date received: 7/22/09	Laboratory ID: 1181279
Date extracted: 7/23/09	Matrix: Liquid
Date analyzed: 7/23/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	4.B
1,2-DICHLOROBENZENE	95-50-1	5	<5	4.B
1,3-DICHLOROBENZENE	541-73-1	5	<5	4.B
1,4-DICHLOROBENZENE	106-46-7	5	<5	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	5	<5	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	5	<5	4.B
2,4-DICHLOROPHENOL	120-83-2	5	<5	4.B
2,4-DIMETHYPHENOL	105-67-9	5	<5	4.B
2,4-DINITROPHENOL	51-28-5	5	<5	4.B
2,4-DINITROTOLUENE	121-14-2	5	<5	4.B
2,6-DINITROTOLUENE	606-20-2	5	<5	4.B
2-CHLORONAPHTHALENE	91-58-7	5	<5	4.B
2-CHLOROPHENOL	95-57-8	5	<5	4.B
2-METHYLNAPHTHALENE	91-57-6	5	<5	4.B
2-METHYLPHENOL	95-48-7	5	<5	4.B
2-NITROANILINE	88-74-4	5	<5	4.B
2-NITROPHENOL	88-75-5	5	<5	4.B
3,3-DICHLOROBENZIDINE	91-94-1	5	<5	4.B
3+4-METHYLPHENOL	15831-10-4	5	<5	4.B
3-NITROANILINE	99-09-2	5	<5	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	5	<5	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	5	<5	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	5	<5	4.B
4-CHLOROANILINE	106-47-8	5	<5	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	5	<5	4.B
4-NITROANILINE	100-01-6	5	<5	4.B
4-NITROPHENOL	100-02-7	5	<5	4.B
ACENAPHTHENE	83-32-9	5	<5	4.B
ACENAPHTHYLENE	208-96-8	5	<5	4.B
ANILINE	62-53-3	5	<5	4.B
ANTHRACENE	120-12-7	5	<5	4.B
BENZO-a-ANTHRACENE	56-55-3	5	<5	4.J 4.B
BENZO-a-PYRENE	50-32-8	5	<5	4.B
BENZO-b-FLUOROANTHENE	205-99-2	5	<5	4.B
BENZO-g,h,i-PERYLENE	191-24-2	5	<5	4.B
BENZO-k-FLUOROANTHENE	207-08-9	5	<5	4.B

MDL = Minimum Detection Limit.

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Date extracted: 7/23/09	Matrix: Liquid
Date analyzed: 7/23/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
BENZYL ALCOHOL	100-51-6	5	<5	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	5	<5	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	5	<5	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	5	<5	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	30	
BUTYLBENZYLPHTHALATE	85-68-7	5	<5	4.B
CHRYSENE	218-01-9	5	<5	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	5	<5	4.B
DIBENZOFURAN	132-64-9	5	<5	4.B
DIETHYLPHTHALATE	84-66-2	5	<5	4.B
DIMETHYLPHTHALATE	131-11-3	5	<5	4.B
DI-n-BUTYLPHTHALATE	84-74-2	5	<5	4.B
DI-n-OCTYLPHTHALATE	117-84-0	5	<5	4.B
FLUORANTHENE	206-44-0	5	<5	4.B
FLUORENE	86-73-7	5	<5	4.B
HEXACHLOROBENZENE	118-74-1	5	<5	4.B
HEXACHLOROBUTADIENE	87-68-3	5	<5	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	<5	4.B
HEXACHLOROETHANE	67-72-1	5	<5	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	5	<5	4.B
ISOPHORONE	78-59-1	5	<5	4.B
NAPHTHALENE	91-20-3	5	<5	4.B
NITROBENZENE	98-95-3	5	<5	4.B
n-NITROSODIMETHYLAMINE	62-75-9	5	<5	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	5	<5	4.B
n-NITROSODIPHENYLAMINE	86-30-6	5	<5	4.B
PENTACHLOROPHENOL	87-86-5	5	<5	4.B
PHENANTHRENE	85-01-8	5	<5	4.B
PHENOL	108-95-2	5	<5	4.B
PYRENE	129-00-0	5	<5	4.B

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-15)
Date received: 7/22/09	Laboratory ID: 1181279
Date analyzed: See Below	Matrix: Liquid

Target Compound List-Metals

PARAMETER	MDL	DATE ANALYZED	RESULTS mg/L	FLAG
SILVER, Ag	0.05 mg/L	7/27/09	<0.05	
ALUMINUM, Al	0.05 mg/L	7/27/09	0.12	
ARSENIC, As	0.05 mg/L	7/27/09	<0.05	
BARIUM, Ba	1.00 mg/L	7/27/09	<1.00	
BERYLLIUM, Be	0.05 mg/L	7/27/09	<0.05	
CALCIUM, Ca	0.05 mg/L	7/27/09	20.2	
CADMIUM, Cd	0.05 mg/L	7/27/09	<0.05	
COBALT, Co	0.05 mg/L	7/27/09	<0.05	
CHROMIUM, Cr	0.05 mg/L	7/27/09	<0.05	
COPPER, Cu	0.05 mg/L	7/27/09	<0.05	
IRON, Fe	0.05 mg/L	7/27/09	0.87	
MERCURY, Hg•	0.002 mg/L	7/28/09	<0.002	
POTASSIUM, K	0.05 mg/L	7/27/09	2.97	
MAGNESIUM, Mg	0.05 mg/L	7/27/09	3.07	
MANGANESE, Mn	0.05 mg/L	7/27/09	<0.05	
SODIUM, Na	0.05 mg/L	7/28/09	79.2	
NICKEL, Ni	0.05 mg/L	7/27/09	<0.05	
LEAD, Pb	0.05 mg/L	7/27/09	<0.05	
ANTIMONY, Sb	0.05 mg/L	7/27/09	<0.05	
SELENIUM, Se	0.05 mg/L	7/27/09	<0.05	
THALIUM, Tl	0.05 mg/L	7/27/09	<0.05	
VANADIUM, V	0.05 mg/L	7/27/09	<0.05	
ZINC, Zn	0.05 mg/L	7/27/09	<0.05	

MDL = Minimum Detection Limit.
Method: EPA 200.7
•Method: EPA 245.2

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
110 Colin Drive • Holbrook, New York 11741
"TOMORROWS ANALYTICAL SOLUTIONS TODAY" Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-16)
Date received: 7/22/09	Laboratory ID: 1181280
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4.B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	

MDL = Minimum Detection Limit

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Date received: 7/22/09	Laboratory ID: 1181280
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	<5	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	<5	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-16)
Date received: 7/22/09	Laboratory ID: 1181280
Date extracted: 7/23/09	Matrix: Liquid
Date analyzed: 7/23/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	4.B
1,2-DICHLOROBENZENE	95-50-1	5	<5	4.B
1,3-DICHLOROBENZENE	541-73-1	5	<5	4.B
1,4-DICHLOROBENZENE	106-46-7	5	<5	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	5	<5	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	5	<5	4.B
2,4-DICHLOROPHENOL	120-83-2	5	<5	4.B
2,4-DIMETHYPHENOL	105-67-9	5	<5	4.B
2,4-DINITROPHENOL	51-28-5	5	<5	4.B
2,4-DINITROTOLUENE	121-14-2	5	<5	4.B
2,6-DINITROTOLUENE	606-20-2	5	<5	4.B
2-CHLORONAPHTHALENE	91-58-7	5	<5	4.B
2-CHLOROPHENOL	95-57-8	5	<5	4.B
2-METHYLNAPHTHALENE	91-57-6	5	<5	4.B
2-METHYLPHENOL	95-48-7	5	<5	4.B
2-NITROANILINE	88-74-4	5	<5	4.B
2-NITROPHENOL	88-75-5	5	<5	4.B
3,3-DICHLOROBENZIDINE	91-94-1	5	<5	4.B
3+4-METHYLPHENOL	15831-10-4	5	<5	4.B
3-NITROANILINE	99-09-2	5	<5	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	5	<5	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	5	<5	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	5	<5	4.B
4-CHLOROANILINE	106-47-8	5	<5	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	5	<5	4.B
4-NITROANILINE	100-01-6	5	<5	4.B
4-NITROPHENOL	100-02-7	5	<5	4.B
ACENAPHTHENE	83-32-9	5	<5	4.B
ACENAPHTHYLENE	208-96-8	5	<5	4.B
ANILINE	62-53-3	5	<5	4.B
ANTHRACENE	120-12-7	5	<5	4.B
BENZO-a-ANTHRACENE	56-55-3	5	<5	4.J 4.B
BENZO-a-PYRENE	50-32-8	5	<5	4.B
BENZO-b-FLUOROANTHENE	205-99-2	5	<5	4.B
BENZO-g,h,i-PERYLENE	191-24-2	5	<5	4.B
BENZO-k-FLUOROANTHENE	207-08-9	5	<5	4.B

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-16)
Date received: 7/22/09	Laboratory ID: 1181280
Date extracted: 7/23/09	Matrix: Liquid
Date analyzed: 7/23/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
BENZYL ALCOHOL	100-51-6	5	<5	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	5	<5	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	5	<5	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	5	<5	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	30	
BUTYLBENZYLPHTHALATE	85-68-7	5	<5	4.B
CHRYSENE	218-01-9	5	<5	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	5	<5	4.B
DIBENZOFURAN	132-64-9	5	<5	4.B
DIETHYLPHTHALATE	84-66-2	5	<5	4.B
DIMETHYLPHTHALATE	131-11-3	5	<5	4.B
DI-n-BUTYLPHTHALATE	84-74-2	5	<5	4.B
DI-n-OCTYLPHTHALATE	117-84-0	5	<5	4.B
FLUORANTHENE	206-44-0	5	<5	4.B
FLUORENE	86-73-7	5	<5	4.B
HEXACHLOROBENZENE	118-74-1	5	<5	4.B
HEXACHLOROBUTADIENE	87-68-3	5	<5	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	<5	4.B
HEXACHLOROETHANE	67-72-1	5	<5	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	5	<5	4.B
ISOPHORONE	78-59-1	5	<5	4.B
NAPHTHALENE	91-20-3	5	<5	4.B
NITROBENZENE	98-95-3	5	<5	4.B
n-NITROSODIMETHYLAMINE	62-75-9	5	<5	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	5	<5	4.B
n-NITROSODIPHENYLAMINE	86-30-6	5	<5	4.B
PENTACHLOROPHENOL	87-86-5	5	<5	4.B
PHENANTHRENE	85-01-8	5	<5	4.B
PHENOL	108-95-2	5	<5	4.B
PYRENE	129-00-0	5	<5	4.B

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-16)
Date received: 7/22/09	Laboratory ID: 1181280
Date analyzed: See Below	Matrix: Liquid

Target Compound List-Metals

PARAMETER	MDL	DATE ANALYZED	RESULTS mg/L	FLAG
SILVER, Ag	0.05 mg/L	7/27/09	<0.05	
ALUMINUM, Al	0.05 mg/L	7/27/09	5.02	
ARSENIC, As	0.05 mg/L	7/27/09	<0.05	
BARIUM, Ba	1.00 mg/L	7/27/09	<1.00	
BERYLLIUM, Be	0.05 mg/L	7/27/09	<0.05	
CALCIUM, Ca	0.05 mg/L	7/27/09	18.2	
CADMIUM, Cd	0.05 mg/L	7/27/09	<0.05	
COBALT, Co	0.05 mg/L	7/27/09	<0.05	
CHROMIUM, Cr	0.05 mg/L	7/27/09	<0.05	
COPPER, Cu	0.05 mg/L	7/27/09	<0.05	
IRON, Fe	0.05 mg/L	7/27/09	3.36	
MERCURY, Hg•	0.002 mg/L	7/28/09	<0.002	
POTASSIUM, K	0.05 mg/L	7/27/09	3.42	
MAGNESIUM, Mg	0.05 mg/L	7/27/09	3.65	
MANGANESE, Mn	0.05 mg/L	7/27/09	0.24	
SODIUM, Na	0.05 mg/L	7/27/09	19.7	
NICKEL, Ni	0.05 mg/L	7/27/09	<0.05	
LEAD, Pb	0.05 mg/L	7/27/09	<0.05	
ANTIMONY, Sb	0.05 mg/L	7/27/09	<0.05	
SELENIUM, Se	0.05 mg/L	7/27/09	<0.05	
THALIUM, Tl	0.05 mg/L	7/27/09	<0.05	
VANADIUM, V	0.05 mg/L	7/27/09	<0.05	
ZINC, Zn	0.05 mg/L	7/27/09	<0.05	

MDL = Minimum Detection Limit.
Method: EPA 200.7
•Method: EPA 245.2

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-17)
Date received: 7/22/09	Laboratory ID: 1181281
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4.B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	

MDL = Minimum Detection Limit

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Date received: 7/22/09	Laboratory ID: 1181281
Date extracted: 7/22/09	Matrix: Liquid
Date analyzed: 7/22/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	27.50	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	<5	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

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Date extracted: 7/23/09	Matrix: Liquid
Date analyzed: 7/23/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	4.B
1,2-DICHLOROBENZENE	95-50-1	5	<5	4.B
1,3-DICHLOROBENZENE	541-73-1	5	<5	4.B
1,4-DICHLOROBENZENE	106-46-7	5	<5	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	5	<5	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	5	<5	4.B
2,4-DICHLOROPHENOL	120-83-2	5	<5	4.B
2,4-DIMETHYPHENOL	105-67-9	5	<5	4.B
2,4-DINITROPHENOL	51-28-5	5	<5	4.B
2,4-DINITROTOLUENE	121-14-2	5	<5	4.B
2,6-DINITROTOLUENE	606-20-2	5	<5	4.B
2-CHLORONAPHTHALENE	91-58-7	5	<5	4.B
2-CHLOROPHENOL	95-57-8	5	<5	4.B
2-METHYLNAPHTHALENE	91-57-6	5	<5	4.B
2-METHYLPHENOL	95-48-7	5	<5	4.B
2-NITROANILINE	88-74-4	5	<5	4.B
2-NITROPHENOL	88-75-5	5	<5	4.B
3,3-DICHLOROBENZIDINE	91-94-1	5	<5	4.B
3+4-METHYLPHENOL	15831-10-4	5	<5	4.B
3-NITROANILINE	99-09-2	5	<5	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	5	<5	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	5	<5	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	5	<5	4.B
4-CHLOROANILINE	106-47-8	5	<5	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	5	<5	4.B
4-NITROANILINE	100-01-6	5	<5	4.B
4-NITROPHENOL	100-02-7	5	<5	4.B
ACENAPHTHENE	83-32-9	5	<5	4.B
ACENAPHTHYLENE	208-96-8	5	<5	4.B
ANILINE	62-53-3	5	<5	4.B
ANTHRACENE	120-12-7	5	<5	4.B
BENZO-a-ANTHRACENE	56-55-3	5	<5	4.J 4.B
BENZO-a-PYRENE	50-32-8	5	<5	4.B
BENZO-b-FLUORANTHENE	205-99-2	5	<5	4.B
BENZO-g,h,i-PERYLENE	191-24-2	5	<5	4.B
BENZO-k-FLUORANTHENE	207-08-9	5	<5	4.B

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-17)
Date received: 7/22/09	Laboratory ID: 1181281
Date extracted: 7/23/09	Matrix: Liquid
Date analyzed: 7/23/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
BENZYL ALCOHOL	100-51-6	5	<5	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	5	<5	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	5	<5	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	5	<5	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	30	
BUTYLBENZYLPHTHALATE	85-68-7	5	<5	4.B
CHRYSENE	218-01-9	5	<5	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	5	<5	4.B
DIBENZOFURAN	132-64-9	5	<5	4.B
DIETHYLPHTHALATE	84-66-2	5	<5	4.B
DIMETHYLPHTHALATE	131-11-3	5	<5	4.B
DI-n-BUTYLPHTHALATE	84-74-2	5	<5	4.B
DI-n-OCTYLPHTHALATE	117-84-0	5	<5	4.B
FLUORANTHENE	206-44-0	5	<5	4.B
FLUORENE	86-73-7	5	<5	4.B
HEXACHLOROBENZENE	118-74-1	5	<5	4.B
HEXACHLOROBUTADIENE	87-68-3	5	<5	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	<5	4.B
HEXACHLOROETHANE	67-72-1	5	<5	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	5	<5	4.B
ISOPHORONE	78-59-1	5	<5	4.B
NAPHTHALENE	91-20-3	5	<5	4.B
NITROBENZENE	98-95-3	5	<5	4.B
n-NITROSODIMETHYLAMINE	62-75-9	5	<5	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	5	<5	4.B
n-NITROSODIPHENYLAMINE	86-30-6	5	<5	4.B
PENTACHLOROPHENOL	87-86-5	5	<5	4.B
PHENANTHRENE	85-01-8	5	<5	4.B
PHENOL	108-95-2	5	<5	4.B
PYRENE	129-00-0	5	<5	4.B

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-17)
Date received: 7/22/09	Laboratory ID: 1181281
Date analyzed: See Below	Matrix: Liquid

Target Compound List-Metals

PARAMETER	MDL	DATE ANALYZED	RESULTS mg/L	FLAG
SILVER, Ag	0.05 mg/L	7/27/09	<0.05	
ALUMINUM, Al	0.05 mg/L	7/27/09	1.91	
ARSENIC, As	0.05 mg/L	7/27/09	<0.05	
BARIUM, Ba	1.00 mg/L	7/27/09	<1.00	
BERYLLIUM, Be	0.05 mg/L	7/27/09	<0.05	
CALCIUM, Ca	0.05 mg/L	7/27/09	37.0	
CADMIUM, Cd	0.05 mg/L	7/27/09	<0.05	
COBALT, Co	0.05 mg/L	7/27/09	<0.05	
CHROMIUM, Cr	0.05 mg/L	7/27/09	<0.05	
COPPER, Cu	0.05 mg/L	7/27/09	<0.05	
IRON, Fe	0.05 mg/L	7/27/09	1.33	
MERCURY, Hg•	0.002 mg/L	7/28/09	<0.002	
POTASSIUM, K	0.05 mg/L	7/27/09	4.37	
MAGNESIUM, Mg	0.05 mg/L	7/27/09	6.86	
MANGANESE, Mn	0.05 mg/L	7/27/09	0.12	
SODIUM, Na	0.05 mg/L	7/27/09	7.95	
NICKEL, Ni	0.05 mg/L	7/27/09	<0.05	
LEAD, Pb	0.05 mg/L	7/27/09	<0.05	
ANTIMONY, Sb	0.05 mg/L	7/27/09	<0.05	
SELENIUM, Se	0.05 mg/L	7/27/09	<0.05	
THALIUM, Tl	0.05 mg/L	7/27/09	<0.05	
VANADIUM, V	0.05 mg/L	7/27/09	<0.05	
ZINC, Zn	0.05 mg/L	7/27/09	<0.05	

MDL = Minimum Detection Limit.
Method: EPA 200.7
•Method: EPA 245.2

Michael Veraldi

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-18)
Date received: 7/22/09	Laboratory ID: 1181282
Date extracted: 7/23/09	Matrix: Liquid
Date analyzed: 7/23/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4.B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	

MDL = Minimum Detection Limit

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-18)
Date received: 7/22/09	Laboratory ID: 1181282
Date extracted: 7/23/09	Matrix: Liquid
Date analyzed: 7/23/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	7.50	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	<5	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	<5	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-18)
Date received: 7/22/09	Laboratory ID: 1181282
Date extracted: 7/23/09	Matrix: Liquid
Date analyzed: 7/23/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	4.B
1,2-DICHLOROBENZENE	95-50-1	5	<5	4.B
1,3-DICHLOROBENZENE	541-73-1	5	<5	4.B
1,4-DICHLOROBENZENE	106-46-7	5	<5	4.B
2,4,5-TRICHLOROPHENOL	95-95-4	5	<5	4.B
2,4,6-TRICHLOROPHENOL	88-06-2	5	<5	4.B
2,4-DICHLOROPHENOL	120-83-2	5	<5	4.B
2,4-DIMETHYPHENOL	105-67-9	5	<5	4.B
2,4-DINITROPHENOL	51-28-5	5	<5	4.B
2,4-DINITROTOLUENE	121-14-2	5	<5	4.B
2,6-DINITROTOLUENE	606-20-2	5	<5	4.B
2-CHLORONAPHTHALENE	91-58-7	5	<5	4.B
2-CHLOROPHENOL	95-57-8	5	<5	4.B
2-METHYLNAPHTHALENE	91-57-6	5	<5	4.B
2-METHYLPHENOL	95-48-7	5	<5	4.B
2-NITROANILINE	88-74-4	5	<5	4.B
2-NITROPHENOL	88-75-5	5	<5	4.B
3,3-DICHLOROBENZIDINE	91-94-1	5	<5	4.B
3+4-METHYLPHENOL	15831-10-4	5	<5	4.B
3-NITROANILINE	99-09-2	5	<5	4.B
4,6-DINITRO-2-METHYPHENOL	534-52-1	5	<5	4.B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	5	<5	4.B
4-CHLORO-3-METHYLPHENOL	59-50-7	5	<5	4.B
4-CHLOROANILINE	106-47-8	5	<5	4.B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	5	<5	4.B
4-NITROANILINE	100-01-6	5	<5	4.B
4-NITROPHENOL	100-02-7	5	<5	4.B
ACENAPHTHENE	83-32-9	5	<5	4.B
ACENAPHTHYLENE	208-96-8	5	<5	4.B
ANILINE	62-53-3	5	<5	4.B
ANTHRACENE	120-12-7	5	<5	4.B
BENZO-a-ANTHRACENE	56-55-3	5	<5	4.J 4.B
BENZO-a-PYRENE	50-32-8	5	<5	4.B
BENZO-b-FLUOROANTHENE	205-99-2	5	<5	4.B
BENZO-g,h,i-PERYLENE	191-24-2	5	<5	4.B
BENZO-k-FLUOROANTHENE	207-08-9	5	<5	4.B

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-18)
Date received: 7/22/09	Laboratory ID: 1181282
Date extracted: 7/23/09	Matrix: Liquid
Date analyzed: 7/23/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
BENZYL ALCOHOL	100-51-6	5	<5	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	5	<5	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	5	<5	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	5	<5	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	50	
BUTYLBENZYLPHTHALATE	85-68-7	5	<5	4.B
CHRYSENE	218-01-9	5	<5	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	5	<5	4.B
DIBENZOFURAN	132-64-9	5	<5	4.B
DIETHYLPHTHALATE	84-66-2	5	<5	4.B
DIMETHYLPHTHALATE	131-11-3	5	<5	4.B
Di-n-BUTYLPHTHALATE	84-74-2	5	<5	4.B
Di-n-OCTYLPHTHALATE	117-84-0	5	<5	4.B
FLUORANTHENE	206-44-0	5	<5	4.B
FLUORENE	86-73-7	5	<5	4.B
HEXACHLOROBENZENE	118-74-1	5	<5	4.B
HEXACHLOROBUTADIENE	87-68-3	5	<5	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	<5	4.B
HEXACHLOROETHANE	67-72-1	5	<5	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	5	<5	4.B
ISOPHORONE	78-59-1	5	<5	4.B
NAPHTHALENE	91-20-3	5	<5	4.B
NITROBENZENE	98-95-3	5	<5	4.B
n-NITROSODIMETHYLAMINE	62-75-9	5	<5	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	5	<5	4.B
n-NITROSODIPHENYLAMINE	86-30-6	5	<5	4.B
PENTACHLOROPHENOL	87-86-5	5	<5	4.B
PHENANTHRENE	85-01-8	5	<5	4.B
PHENOL	108-95-2	5	<5	4.B
PYRENE	129-00-0	5	<5	4.B

MDL = Minimum Detection Limit.

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-18)
Date received: 7/22/09	Laboratory ID: 1181282
Date analyzed: See Below	Matrix: Liquid

Target Compound List-Metals

PARAMETER	MDL	DATE ANALYZED	RESULTS mg/L	FLAG
SILVER, Ag	0.05 mg/L	7/27/09	<0.05	
ALUMINUM, Al	0.05 mg/L	7/27/09	0.36	
ARSENIC, As	0.05 mg/L	7/27/09	<0.05	
BARIUM, Ba	1.00 mg/L	7/27/09	<1.00	
BERYLLIUM, Be	0.05 mg/L	7/27/09	<0.05	
CALCIUM, Ca	0.05 mg/L	7/27/09	36.6	
CADMIUM, Cd	0.05 mg/L	7/27/09	<0.05	
COBALT, Co	0.05 mg/L	7/27/09	<0.05	
CHROMIUM, Cr	0.05 mg/L	7/27/09	<0.05	
COPPER, Cu	0.05 mg/L	7/27/09	<0.05	
IRON, Fe	0.05 mg/L	7/27/09	0.56	
MERCURY, Hg•	0.002 mg/L	7/28/09	<0.002	
POTASSIUM, K	0.05 mg/L	7/27/09	6.10	
MAGNESIUM, Mg	0.05 mg/L	7/27/09	3.51	
MANGANESE, Mn	0.05 mg/L	7/27/09	0.08	
SODIUM, Na	0.05 mg/L	7/28/09	68.2	
NICKEL, Ni	0.05 mg/L	7/27/09	<0.05	
LEAD, Pb	0.05 mg/L	7/27/09	<0.05	
ANTIMONY, Sb	0.05 mg/L	7/27/09	<0.05	
SELENIUM, Se	0.05 mg/L	7/27/09	<0.05	
THALIUM, Tl	0.05 mg/L	7/27/09	<0.05	
VANADIUM, V	0.05 mg/L	7/27/09	<0.05	
ZINC, Zn	0.05 mg/L	7/27/09	<0.05	

MDL = Minimum Detection Limit.
Method: EPA 200.7
•Method: EPA 245.2

Michael Veraldi-Laboratory Director

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-19)
Date received: 7/22/09	Laboratory ID: 1181283
Date extracted: 7/23/09	Matrix: Liquid
Date analyzed: 7/23/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5	<5	
1,1-DICHLOROETHANE	75-34-3	5	<5	
1,1-DICHLOROETHENE	75-35-4	5	<5	
1,1-DICHLOROPROPENE	563-58-6	5	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5	<5	
1,2,3-TRICHLOROPROPANE	96-18-4	5	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5	<5	
1,2-DIBROMOETHANE	106-93-4	5	<5	
1,2-DICHLOROBENZENE	95-50-1	5	<5	
1,2-DICHLOROETHANE	107-06-2	5	<5	
1,2-DICHLOROPROPANE	78-87-5	5	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	<5	
1,3-DICHLOROBENZENE	541-73-1	5	<5	
1,3-DICHLOROPROPANE	142-28-9	5	<5	
1,4-DICHLOROBENZENE	106-46-7	5	<5	
2,2-DICHLOROPROPANE	594-20-7	5	<5	
2-BUTANONE (MEK)	78-93-3	10	<10	
2-CHLOROETHYL VINYL ETHER	110-75-8	5	<5	
2-CHLOROTOLUENE	95-49-8	5	<5	
2-HEXANONE	591-78-6	5	<5	
4-CHLOROTOLUENE	106-43-4	5	<5	
ACETONE	67-64-1	50	<50	
BENZENE	71-43-2	0.7	<0.7	4.B
BROMOBENZENE	108-86-1	5	<5	
BROMOCHLOROMETHANE	74-97-5	5	<5	
BROMODICHLOROMETHANE	75-27-4	5	<5	
BROMOFORM	75-25-2	5	<5	
BROMOMETHANE	74-83-9	5	<5	
CARBON DISULFIDE	75-15-0	5	<5	
CARBON TETRACHLORIDE	56-23-5	5	<5	
CHLOROBENZENE	108-90-7	5	<5	

MDL = Minimum Detection Limit

Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-19)
Date received: 7/22/09	Laboratory ID: 1181283
Date extracted: 7/23/09	Matrix: Liquid
Date analyzed: 7/23/09	ELAP #: 11693

EPA Method 8260

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
CHLOROETHANE	75-00-3	5	<5	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5	<5	
CHLOROFORM	67-66-3	5	<5	
CHLOROMETHANE	74-87-3	5	<5	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5	<5	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5	<5	
DIBROMOCHLOROMETHANE	124-48-1	5	<5	
DIBROMOMETHANE	74-95-3	5	<5	
DICHLORODIFLUOROMETHANE	75-71-8	5	<5	
ETHYLBENZENE	100-41-4	5	<5	
HEXACHLOROBUTADIENE	87-68-3	5	<5	
ISOPROPYLBENZENE	98-82-8	5	<5	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5	<5	
METHYLENE CHLORIDE	75-09-2	5	<5	
MTBE	1634-04-4	5	<5	
NAPHTHALENE	91-20-3	5	<5	
n-BUTYLBENZENE	104-51-8	5	<5	
n-PROPYLBENZENE	103-65-1	5	<5	
o-XYLENE	95-47-6	5	<5	
p&m-XYLENE	1330-20-7	5	<10	
p-ISOPROPYLTOLUENE	99-87-6	5	<5	
sec-BUTYLBENZENE	135-98-8	5	<5	
STYRENE	100-42-5	5	<5	
tert-BUTYLBENZENE	98-06-6	5	<5	
TETRACHLOROETHYLENE	127-18-4	5	<5	
TOLUENE	108-88-3	5	<5	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5	<5	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5	<5	
TRICHLOROETHYLENE	79-01-6	5	<5	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5	<5	
VINYL ACETATE	108-05-4	5	<5	

MDL = Minimum Detection Limit

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-19)
Date received: 7/22/09	Laboratory ID: 1181283
Date extracted: 7/23/09	Matrix: Liquid
Date analyzed: 7/23/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	5	<5	4,B
1,2-DICHLOROBENZENE	95-50-1	5	<5	4,B
1,3-DICHLOROBENZENE	541-73-1	5	<5	4,B
1,4-DICHLOROBENZENE	106-46-7	5	<5	4,B
2,4,5-TRICHLOROPHENOL	95-95-4	5	<5	4,B
2,4,6-TRICHLOROPHENOL	88-06-2	5	<5	4,B
2,4-DICHLOROPHENOL	120-83-2	5	<5	4,B
2,4-DIMETHYPHENOL	105-67-9	5	<5	4,B
2,4-DINITROPHENOL	51-28-5	5	<5	4,B
2,4-DINITROTOLUENE	121-14-2	5	<5	4,B
2,6-DINITROTOLUENE	606-20-2	5	<5	4,B
2-CHLORONAPHTHALENE	91-58-7	5	<5	4,B
2-CHLOROPHENOL	95-57-8	5	<5	4,B
2-METHYLNAPHTHALENE	91-57-6	5	<5	4,B
2-METHYLPHENOL	95-48-7	5	<5	4,B
2-NITROANILINE	88-74-4	5	<5	4,B
2-NITROPHENOL	88-75-5	5	<5	4,B
3,3-DICHLOROBENZIDINE	91-94-1	5	<5	4,B
3+4-METHYLPHENOL	15831-10-4	5	<5	4,B
3-NITROANILINE	99-09-2	5	<5	4,B
4,6-DINITRO-2-METHYPHENOL	534-52-1	5	<5	4,B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	5	<5	4,B
4-CHLORO-3-METHYLPHENOL	59-50-7	5	<5	4,B
4-CHLOROANILINE	106-47-8	5	<5	4,B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	5	<5	4,B
4-NITROANILINE	100-01-6	5	<5	4,B
4-NITROPHENOL	100-02-7	5	<5	4,B
ACENAPHTHENE	83-32-9	5	<5	4,B
ACENAPHTHYLENE	208-96-8	5	<5	4,B
ANILINE	62-53-3	5	<5	4,B
ANTHRACENE	120-12-7	5	<5	4,B
BENZO-a-ANTHRACENE	56-55-3	5	<5	4,J 4,B
BENZO-a-PYRENE	50-32-8	5	<5	4,B
BENZO-b-FLUOROANTHENE	205-99-2	5	<5	4,B
BENZO-g,h,i-PERYLENE	191-24-2	5	<5	4,B
BENZO-k-FLUOROANTHENE	207-08-9	5	<5	4,B

MDL = Minimum Detection Limit.

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Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-19)
Date received: 7/22/09	Laboratory ID: 1181283
Date extracted: 7/23/09	Matrix: Liquid
Date analyzed: 7/23/09	ELAP #: 11693

EPA METHOD 8270

PARAMETER	CAS No.	MDL ug/L	RESULTS ug/L	FLAG
BENZYL ALCOHOL	100-51-6	5	<5	4,B
bis(2-CHLOROETHOXY)METHANE	111-91-1	5	<5	4,B
bis(2-CHLOROETHYL)ETHER	111-44-4	5	<5	4,B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	5	<5	4,B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	20	
BUTYLBENZYLPHTHALATE	85-68-7	5	<5	4,B
CHRYSENE	218-01-9	5	<5	4,B
DIBENZO-a,h-ANTHRACENE	53-70-3	5	<5	4,B
DIBENZOFURAN	132-64-9	5	<5	4,B
DIETHYLPHTHALATE	84-66-2	5	<5	4,B
DIMETHYLPHTHALATE	131-11-3	5	<5	4,B
DI-n-BUTYLPHTHALATE	84-74-2	5	<5	4,B
DI-n-OCTYLPHTHALATE	117-84-0	5	<5	4,B
FLUORANTHENE	206-44-0	5	<5	4,B
FLUORENE	86-73-7	5	<5	4,B
HEXACHLOROBENZENE	118-74-1	5	<5	4,B
HEXACHLOROBUTADIENE	87-68-3	5	<5	4,B
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	<5	4,B
HEXACHLOROETHANE	67-72-1	5	<5	4,B
INDENO(1,2,3-c,d)PYRENE	193-39-5	5	<5	4,B
ISOPHORONE	78-59-1	5	<5	4,B
NAPHTHALENE	91-20-3	5	<5	4,B
NITROBENZENE	98-95-3	5	<5	4,B
n-NITROSODIMETHYLAMINE	62-75-9	5	<5	4,B
n-NITROSODI-n-PROPYLAMINE	621-64-7	5	<5	4,B
n-NITROSODIPHENYLAMINE	86-30-6	5	<5	4,B
PENTACHLOROPHENOL	87-86-5	5	<5	4,B
PHENANTHRENE	85-01-8	5	<5	4,B
PHENOL	108-95-2	5	<5	4,B
PYRENE	129-00-0	5	<5	4,B

MDL = Minimum Detection Limit.

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
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Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Soil Mechanics	Client ID: 09-090, Garden City (MW-19)
Date received: 7/22/09	Laboratory ID: 1181283
Date analyzed: See Below	Matrix: Liquid

Target Compound List-Metals

PARAMETER	MDL	DATE ANALYZED	RESULTS mg/L	FLAG
SILVER, Ag	0.05 mg/L	7/27/09	<0.05	
ALUMINUM, Al	0.05 mg/L	7/28/09	14.6	
ARSENIC, As	0.05 mg/L	7/27/09	<0.05	
BARIUM, Ba	1.00 mg/L	7/27/09	<1.00	
BERYLLIUM, Be	0.05 mg/L	7/27/09	<0.05	
CALCIUM, Ca	0.05 mg/L	7/27/09	19.1	
CADMIUM, Cd	0.05 mg/L	7/27/09	<0.05	
COBALT, Co	0.05 mg/L	7/27/09	<0.05	
CHROMIUM, Cr	0.05 mg/L	7/27/09	<0.05	
COPPER, Cu	0.05 mg/L	7/27/09	<0.05	
IRON, Fe	0.05 mg/L	7/27/09	7.57	
MERCURY, Hg•	0.002 mg/L	7/28/09	<0.002	
POTASSIUM, K	0.05 mg/L	7/27/09	2.84	
MAGNESIUM, Mg	0.05 mg/L	7/27/09	2.79	
MANGANESE, Mn	0.05 mg/L	7/27/09	0.37	
SODIUM, Na	0.05 mg/L	7/28/09	74.3	
NICKEL, Ni	0.05 mg/L	7/27/09	<0.05	
LEAD, Pb	0.05 mg/L	7/27/09	<0.05	
ANTIMONY, Sb	0.05 mg/L	7/27/09	<0.05	
SELENIUM, Se	0.05 mg/L	7/27/09	<0.05	
THALIUM, Tl	0.05 mg/L	7/27/09	<0.05	
VANADIUM, V	0.05 mg/L	7/27/09	<0.05	
ZINC, Zn	0.05 mg/L	7/27/09	<0.05	

MDL = Minimum Detection Limit.
Method: EPA 200.7
•Method: EPA 245.2

Michael Veraldi

Michael Veraldi-Laboratory Director

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SOIL MECHANICS

3770 MERRICK ROAD • SEAFORD, L.I., NEW YORK • (516) 221-7500

(1)

CHAIN OF CUSTODY

0045515

LABORATORY: L I A

PROJECT NAME: AVIS

PROJECT NO. 09-090

PROJECT LOCATION GARDEN CITY

ANALYSIS REQUIRED

SAMPLE I.D. NUMBER	DATE	TIME	COMP.	GRAB	MATRIX	SAMPLE LOCATION	NUMBER OF CONTAINERS	VOC 8260	BNA 8270	BN 8270	TAL Metals	ADDITIONAL REQUIREMENTS
B-1/S-9	7-6-09	9:00		X	Soil	20'-22' BGS	2	X	X		X	1180625
B-2/S-8	7-6-09	10:00		X		20'-22' BGS	2	X	X		X	1180626
B-3/S-8	7-8-09	13:00		X		20'-22' BGS	2	X	X		X	1180627
B-4/S-9	7-9-09	11:00		X		16'-18' BGS	2	X		X		1180628
B-5/S-6	7-14-09	10:30		X		10'-12' BGS	2	X		X		1180629
B-6/S-9	7-9-09	12:00		X		16'-18' BGS	2	X		X		1180630
B-7/S-9	7-9-09	1:00		X		16'-18' BGS	2	X		X		1180631
B-8/S-10	7-14-09	11:00		X		18'-20' BGS	2	X		X		1180632
B-9/S-10	7-14-09	12:00		X		18'-20' BGS	2	X		X		1180633
B-10/S-10	7-14-09	1:00		X		18'-20' BGS	2	X		X		1180634

REL. BY (SIG.) DATE/TIME AGENT OF:

PRINT. NME.

REL. BY (SIG.) DATE/TIME RECEIVED FOR LAB BY:

PRINT. NME. Steve Anderson 7-14-09 PRINT. NME.

SAMPLER (SIGNATURE) SAMPLER NAME (PRINT) Steve Anderson

RECD BY PRINT. NME. DATE/TIME 7/14/09 1550 AGENT:

DATE/TIME REMARKS: TEMP 1.8

VENDOR COPY

SOIL MECHANICS

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(2)

CHAIN OF CUSTODY

0045597

LABORATORY: L I A

PROJECT NAME: AVIS

PROJECT NO. 09-090

PROJECT LOCATION GARDEN CITY

ANALYSIS REQUIRED

SAMPLE I.D. NUMBER	DATE	TIME	COMP.	GRAB	MATRIX	SAMPLE LOCATION	NUMBER OF CONTAINERS	VOC 8260	BN 8270	BNA 8270	TAL Metals	ADDITIONAL REQUIREMENTS
B-11/S-10	7-16-09	9:00		X	Soil	18'-20' BGS	2	X	X			1180883
B-12/S-1	↑	9:45		X	↑	0'-2' BGS	2	X	X			1180884
B-13/S-10	↓	11:00		X	↓	18'-20' BGS	2	X	X			1180885
MW-1	7-17-09	11:20		X	AQ	monitoring well #1	4	X		X	X	
MW-2	↑	11:50		X	↑	" #2	4	X		X	X	1180886
MW-3		10:40		X		" #3	4	X		X	X	1180887
MW-4	↓	9:55		X	↓	" #4	4	X		X	X	1180888
												1180889

REL. BY (SIG.) DATE/TIME AGENT OF:

PRINT. NME.

REL. BY (SIG.) DATE/TIME RECEIVED FOR LAB BY:

PRINT. NME. Steve Anderson 7-17-09 PRINT. NME. Alexis Ochoa

SAMPLER (SIGNATURE) SAMPLER NAME (PRINT) Steve Anderson

RECD BY PRINT. NME. DATE/TIME 7/17/09 3:18

DATE/TIME 7/17/09 4345 AGENT:

REMARKS: TEMP 1.2

SOIL MECHANICS

3770 MERRICK ROAD • SEAFORD, L.I., NEW YORK • (516) 221-7500

CHAIN OF CUSTODY

24

0045642

ANALYSIS REQUIRED

LABORATORY: L I A

PROJECT NAME: AVIS — PROJECT NO. 09-040

PROJECT LOCATION: GARDEN CITY

SAMPLE I.D. NUMBER	DATE	TIME	COMP.	GRAB	MATRIX	SAMPLE LOCATION	NUMBER OF CONTAINERS	VOC 8260	BNA 8270	TAL Metals	ADDITIONAL REQUIREMENTS
MW-5	7-21-09	12:00		X	AQ	monitoring well #5	4	X	X	X	1181064
MW-6	↑	9:00		X	↑	" #6	4	X	X	X	1181065
MW-7		11:15		X		" #7	4	X	X	X	1181066
MW-8		10:30		X		" #8	4	X	X	X	1181067
MW-9		12:30		X		" #9	4	X	X	X	1181068
MW-10		9:45		X		" #10	4	X	X	X	1181069
MW-11		1:30		X		" #11	4	X	X	X	1181070
MW-12		1:00		X		" #12	4	X	X	X	1181071
MW-13	↓	1:45		X	↓	" #13	4	X	X	X	1181072
B-14 S-2	7-21-09	9:30		X	Soil	2'-4' BGS	2	X	X	X	1181073

FLAG " 2F "

REL. BY (SIG.)	DATE/TIME	AGENT OF:	RECD BY:	DATE/TIME	AGENT:
PRINT. NME.			PRINT. NME.	7/22/09	305
REL. BY (SIG.)	DATE/TIME	RECEIVED FOR LAB BY:	DATE/TIME	REMARKS:	
PRINT. NME.	7.21.09	PRINT. NME.		TEMP 1.4	
SAMPLER (SIGNATURE)		SAMPLER NAME (PRINT) Steve Anderson			

VENDOR'S COPY

SOIL MECHANICS

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CHAIN OF CUSTODY

27

0045676

ANALYSIS REQUIRED

LABORATORY: L.I.A.

PROJECT NAME: GARDEN CITY (AVIS) — PROJECT NO. 09090

PROJECT LOCATION: GARDEN CITY

SAMPLE I.D. NUMBER	DATE	TIME	COMP.	GRAB	MATRIX	SAMPLE LOCATION	NUMBER OF CONTAINERS	VOC 8260	BNA 8270	TAL METALS	ADDITIONAL REQUIREMENTS
MW-14	7/22/09	10:15		X	AQ	MONITORING WELL	4	X	X	X	1181278
MW-15	7/22/09	11:00		X		"	4	X	X	X	1181279
MW-16	7/22/09	9:00		X		"	4	X	X	X	1181280
MW-17	7/22/09	9:30		X		"	4	X	X	X	1181281
MW-18	7/22/09	12:00		X		"	4	X	X	X	1181282
MW-19	7/22/09	12:30		X	↓	"	4	X	X	X	1181283
B-15	7/22/09	10:00		X	SOIL	DRILL CUTTINGS	2	X	X	X	1181284
S-1											

FLAG " 2F "

REL. BY (SIG.)	DATE/TIME	AGENT OF:	RECD BY:	DATE/TIME	AGENT:
PRINT. NME.			PRINT. NME.	7/22/09	3:10
REL. BY (SIG.)	DATE/TIME	RECEIVED FOR LAB BY:	DATE/TIME	REMARKS:	
PRINT. NME. George C. Dierckes	7/22/09	PRINT. NME. Jim Andrews	7/22/09 2:00	TEMP 2.7	
SAMPLER (SIGNATURE)		SAMPLER NAME (PRINT) GEORGE C. DIERCKES			

SOIL MECHANICS

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(30)

CHAIN OF CUSTODY

0045760

ANALYSIS REQUIRED

LABORATORY: L. I. A.

PROJECT NAME: AVIS

PROJECT NO. 09090

PROJECT LOCATION GARDEN CITY

SAMPLE I.D. NUMBER	DATE	TIME	COMP.	GRAB	MATRIX	SAMPLE LOCATION	NUMBER OF CONTAINERS	VOC 8260	BNA 8270	TAL METALS	TPHC (418.1)	ADDITIONAL REQUIREMENTS
DW-1	7/23/09	9:00		X	SOIL	DRY WELL # 1	2	X	X	X	X	1181774
DW-2		9:10		X		" # 2	2	X	X	X	X	1181775
DW-14		11:25		X		" # 14	2	X	X	X	X	1181776
DW-16		11:40		X		" # 16	2	X	X	X	X	1181777

REL. BY (SIG.) — DATE/TIME — AGENT OF — REC'D BY — DATE/TIME — AGENT

PRINT. NME. — PRINT. NME. — 7/27/09 1230

REL. BY (SIG.) — DATE/TIME — RECEIVED FOR LAB BY: — DATE/TIME — REMARKS:

PRINT. NME. GEORGE DIRLICK 7/27/09 — PRINT. NME. — TEMP 1.2

SAMPLER (SIGNATURE) — SAMPLER NAME (PRINT) GEORGE C. DIRLICKS

SOIL MECHANICS

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CHAIN OF CUSTODY

0045761

ANALYSIS REQUIRED

LABORATORY: L. I. A

PROJECT NAME: AVIS

PROJECT NO. 09090

PROJECT LOCATION GARDEN CITY

SAMPLE I.D. NUMBER	DATE	TIME	COMP.	GRAB	MATRIX	SAMPLE LOCATION	NUMBER OF CONTAINERS	VOC 8260	BNA 8270	TAL METALS	TPHC (418.1)	ADDITIONAL REQUIREMENTS
DW-19	7/27/09	8:30		X	SOIL	DRY WELL #19	2	X	X	X	X	1181778
DW-20		9:15		X		" # 20	2	X	X	X	X	1181779
DW-21		9:30		X		" # 21	2	X	X	X	X	1181780
DW-22		10:00		X		" # 22	2	X	X	X	X	1181781

REL. BY (SIG.) — DATE/TIME — AGENT OF — REC'D BY — DATE/TIME — AGENT:

PRINT. NME. — PRINT. NME. — 7/27/09 1230

REL. BY (SIG.) — DATE/TIME — RECEIVED FOR LAB BY: — DATE/TIME — REMARKS:

PRINT. NME. GEORGE DIRLICKS 7/27/09 — PRINT. NME. — TEMP 1.2

SAMPLER (SIGNATURE) — SAMPLER NAME (PRINT) GEORGE C. DIRLICKS

P.01/02

SOIL MECHANICS

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ATTN: KAREN / MIKE BECK

CHAIN OF CUSTODY

(1)

0045989

ANALYSIS REQUIRED

LABORATORY: LIA

PROJECT NAME: AVIS

PROJECT NO. 09-090

PROJECT LOCATION GARDEN CITY

SAMPLE I.D. NUMBER	DATE	TIME	COMP	GRAB	MATRIX	SAMPLE LOCATION	NUMBER OF CONTAINERS	VOC's 8260	SVOC's 8270	TAL Metals	TPH 418.1	BNA 8270				ADDITIONAL REQUIREMENTS
DW-33	8-5-09	10:00	X		Soil	Westside Sanitary Leaching Basin	2	X		X	X	X				118467
DW-34	8-5-09	11:00	X		Soil	South "	2	X		X	X	X				118468
DW-35	8-6-09	12:00	X		Soil	East "	2	X		X	X	X				118M65
MW-1	8-6-09	1:00		X	WW	WASTE TANK Blank 4	5	X		X		X				118M70

FLAG 2F

PLEASE REVISE AS SHOWN ALGULUM 8/7/09

REL. BY (SIG.)	PRINT NAME	DATE/TIME	AGENT OF:
REL. BY (SIG.) Chris Zenick	PRINT NAME	DATE/TIME 8-6-09	RECEIVED FOR LAB BY: PRINT NAME
SAMPLER (SIGNATURE)		SAMPLER NAME (PRINT) Chris Zenick	

PRINT NAME	DATE/TIME	AGENT
	8/7/09	310M

DATE/TIME | REMARKS: TEMP 1.4

VENDOR'S COPY

AUG-07-2009 10:11 AM SOIL MECHANICS ENVIRO 5166791900 P.01

SOIL MECHANICS

3770 MERRICK ROAD • SEAFORD, L.I., NEW YORK • (516) 221-7500

CHAIN OF CUSTODY

(2)

0046004

ANALYSIS REQUIRED

LABORATORY: LIA

PROJECT NAME: AVIS

PROJECT NO. 09-090

PROJECT LOCATION GARDEN CITY

SAMPLE I.D. NUMBER	DATE	TIME	COMP	GRAB	MATRIX	SAMPLE LOCATION	NUMBER OF CONTAINERS	VOC's 8260	SVOC's 8270	TAL Metals	TPH 418.1					ADDITIONAL REQUIREMENTS
DW-36	8-7-09	12:00	X		Soil	Mechanical Repair area #3	2	X	X	X	X					118541

REL. BY (SIG.)	PRINT NAME	DATE/TIME	AGENT OF:
REL. BY (SIG.) Chris Zenick	PRINT NAME	DATE/TIME 8/7/09	RECEIVED FOR LAB BY: PRINT NAME
SAMPLER (SIGNATURE)		SAMPLER NAME (PRINT) Chris Zenick	

PRINT NAME	DATE/TIME	AGENT
	8/7/09	305M

DATE/TIME | REMARKS: TEMP 1.3

VENDOR'S COPY

SOIL MECHANICS

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CHAIN OF CUSTODY

(17)

0046063

ANALYSIS REQUIRED

LABORATORY: Long Island Analytical

PROJECT NAME: AUS PROJECT NO. 09090

PROJECT LOCATION Garden City

SAMPLE I.D. NUMBER	DATE	TIME	COMP	GRAB	MATRIX	SAMPLE LOCATION	NUMBER OF CONTAINERS	VOC+ 8260	RUSH	ADDITIONAL REQUIREMENTS
MW-9A	8-11-09	1056		✓	Ag	Monitoring Well # 9A	2	X	X	1182195
MW-12A	8-11-09	1258		✓	Ag	Monitoring well # 12A	2	X	X	1182196

(24)

RUSH!

REL. BY (SIG.) DATE/TIME AGENT OF REC'D BY DATE/TIME AGENT

PRINT NAME PRINT NAME

REL. BY (SIG.) DATE/TIME 14:30 RECEIVED FOR LABBY 8/11/09 DATE/TIME 14:50 REMARKS: * Please Rush Samples *

PRINT NAME PRINT NAME

SAMPLER'S SIGNATURE SAMPLER NAME (PRINT) David M. Shencavitz

VENDOR'S COPY

Centek Laboratories, LLC — **Chain of Custody**

143 Midler Park Drive
Syracuse, NY 13206
Phone: 315-431-9730 Fax: 315-431-9731 Emergency: 315-416-2751 / 416-2752

Site Name: GARDEN CITY
Project: AUS
PO#: 09-090
Other:

Detection Limit	Report Level
☒ 5ppbv	☐ Level I
☒ 1ug/M3	☐ Level II
☐ 1ug/M3 +TCE .25	☒ Cat "B" Like

Turnaround Time:	Check One	Rush TAT Surcharge %	Due Date:
5 Business Days	☐	0%	
4 Business Days	☐	35%	
3 Business Days	☐	50%	
2 Business Days	☐	75%	
Next Day by 5pm	☒	100%	8-14-09
Next Day by Noon	☐	150%	
Same Day	☐	200%	

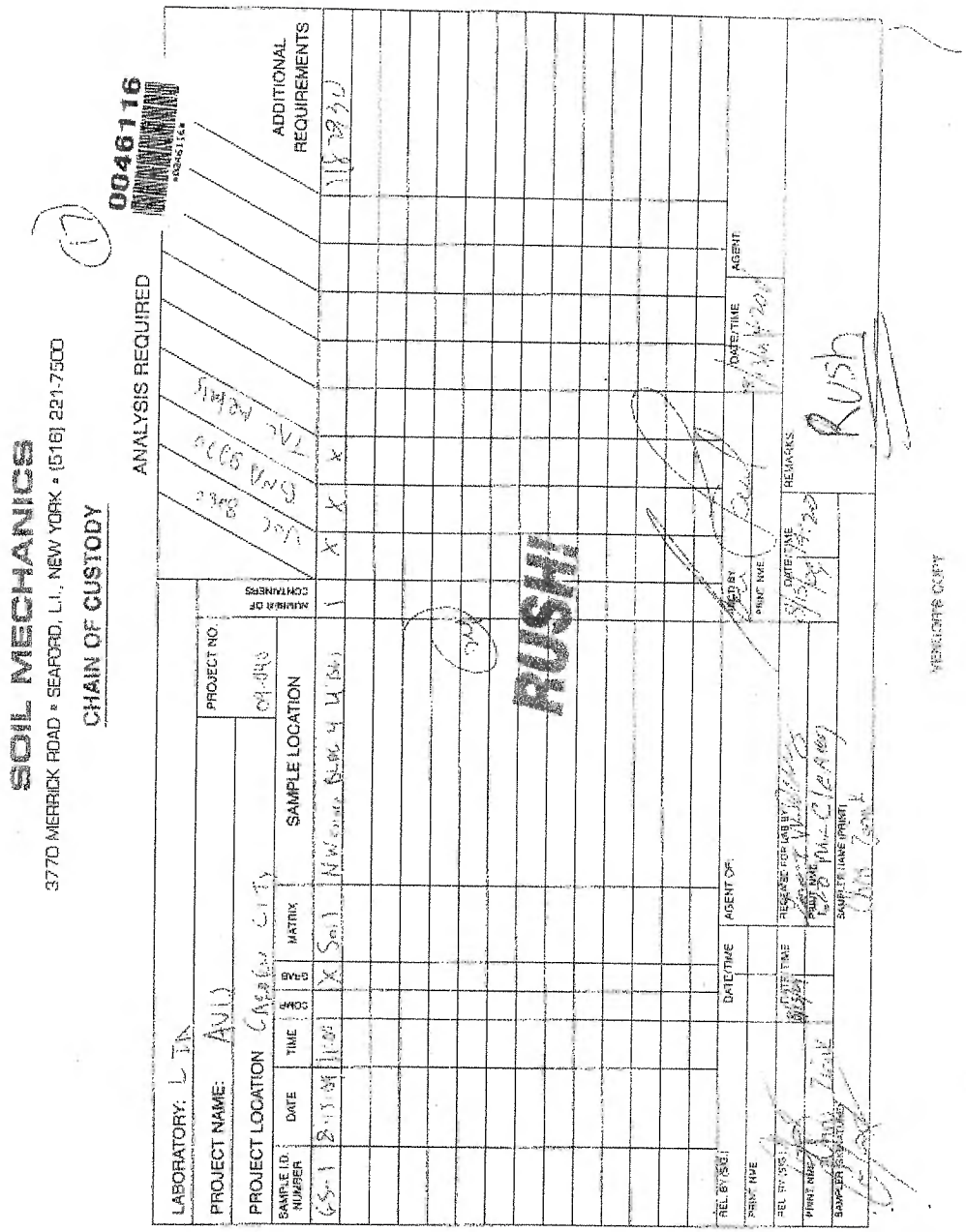
Company: Soil Mechanics Environmental
Report: 3770 Merrick Rd. Seaford, N.Y. 11783
Phone: (516) 221-7500
Fax: (516) 679-1900
Email:

Company:
Invoice:
Phone:
Fax:
Email:

Sample ID	Date Sampled	Canister Number	Regulator Number	Analysis Request	Comments	Vacuum Start/Stop
SVW-1 (MW-9)	8-12-09	140	155	TO15 + Helium		30+ / 5
SVW-2 (MW-17)	8-12-09	136	149	TO15 + Helium		29 / 2
SVW-3 (MW-12)	8-12-09	163	269	TO15 + Helium		29 / 2
SVW-4 (MW-18)	8-12-09	190	441	TO15 + Helium		27 / 2
					* Please Rush * all Samples	

Chain of Custody	Print Name	Signature	Date/Time	Courier:
Sampled by:	David M. Shencavitz		8-12-09	
Relinquished by:	David M. Shencavitz		10:50	
Received at Lab by:	M. Tut		8/12/09	

www.CentekLabs.com



SOIL MECHANICS ENVIRONMENTAL SERVICES

3770 MERRICK ROAD

SEAFORD, NY 11783

PHONE: 516-221-7500 FAX: 516-679-1900

FACSIMILE TRANSMITTAL SHEET

TO: Pamela	FROM: Al Gulum
COMPANY: LIAL	DATE: 8/31/09
FAX NUMBER: 6134728505	TOTAL NO. OF PAGES INCLUDING COVER:
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
RE: Avis Property Garden City, N.Y.	YOUR REFERENCE NUMBER:

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

Hello Pamela:

As per our telephone conversation, please conduct TPHC (418.1) analysis on soil sample GS-1 (Lab ID# 1182930) on PREMIUM turnaround basis.

If you have any questions, please call me at 516-221-7500 (office) or 516-315-0532 (cell) to discuss.

CONFIDENTIALITY NOTE: The information contained in this facsimile message is legally privileged and confidential information intended only for the use of the individual or entity named herein. If the reader of this message is not the intended recipient, you are hereby notified that any use, dissemination, distribution or copy of this telecopy is strictly prohibited. If you have received this telecopy in error, please immediately notify us by telephone and return the original message to us at the address above via the United States Post Office.

LONG ISLAND ANALYTICAL LABORATORIES, INC.
DATA REPORTING FLAGS

For reporting results, the following "Flags" are used:

1.A: Time not supplied by client, may have exceeded holding time
1.B: Holding time exceeded, results cannot be used for regulatory purposes
1.C: Holding time exceeded, analyze immediate parameter
1.D: Results based on volume supplied by client.

2.A: Sample received in incorrect container
2.B: Parameter not certifiable by NELAC.
2.C: Sample container received with head space
2.D: Cassette received without cap(s)
2.E: Sample not preserved, corrected upon receipt to a temperature of 4°C
2.F: Sample not preserved, corrected upon receipt with HNO_3 to pH <2
2.G: Sample not preserved, corrected upon receipt with HCL to pH <2
2.H: Sample not preserved, corrected upon receipt with H_2SO_4 to pH <2
2.I: Sample not preserved, corrected upon receipt with NaOH to pH >12
2.J Sample not preserved, corrected upon receipt with $Na_2S_2O_3$

3.A: Minimum detection limit raised due to matrix interference
3.B: Minimum detection limit raised due to target compound interference
3.C: Minimum detection limit raised due to non-target compound interference
3.D: Minimum detection limit raised due to insufficient sample volume

4.A: Estimated concentration, exceeds calibration range
4.B: Data reported below the lower limit of quantitation and should be considered to have an increased quantitative uncertainty.
4.C: Target compound found in blank
4 D: QC affected by matrix
4.E: QC does not meet acceptance criteria
4.F: Spike recovery does not meet QC criteria due to high target concentration
4.G: Spike recovery out of range due to matrix interference
4.H: Spike recovery out of range due to matrix inconsistency
4.I: Dilution Water does not meet QC Criteria
4.J: Continuing Calibration Verification (CCV) quality control levels low
4.K: Continuing Calibration Verification (CCV) quality control levels high

5.A. Insufficient sample volume received
5.B: Preliminary results, cannot be used for regulatory purposes.
5.C: Sampling information not supplied and/or sample not taken by qualified technician, therefore verifiability of the report is limited to results only. Report cannot be used for regulatory purposes.
5.D: Unable to verify that the wipe samples submitted conform to ASTM E1792 or specifications issued by the EPA.
5 E: Level found exceeds the maximum contaminant level (MCL) as set by local, state or federal agencies.
5.F: Estimated value, result is less than the sample quantitation limit but greater than zero
5.G: Required detection limit set by ELAP cannot be achieved

6.A: Subcontractor ELAP #11398
6.B. Subcontractor ELAP #10320
6.C: Subcontractor NVLAP #102047.0
6.D. Subcontractor AIHA #103005
6.E. Subcontractor ELAP #11685
6.F: Subcontractor ELAP #10248
6.G: Subcontractor ELAP #10155
6.H. Subcontractor ELAP #10750
6.I: Subcontractor ELAP #11777
6.J. Subcontractor ELAP #10145
6.K: Subcontractor ELAP #11838

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

APPENDIX B

LABORATORY DATA SHEETS

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Apex Companies, LLC
120-D Wilbur Place
Bohemia, NY 11716
Attention: Richard Baldwin &
Jeff Makowski

Report Date: 10/2/2009
Re: Client Project ID: 85157.001
York Project No.: 09100004

CT License No. PH-0723 New Jersey License No. CT-005 New York License No. 10854 PA Reg. 68-04440

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

Report Date: 10/2/2009
Client Project ID: 85157.001
York Project No.: 09100004

Apex Companies, LLC
120-D Wilbur Place
Bohemia, NY 11716
Attention: Richard Baldwin &
Jeff Makowski

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 09/30/09. The project was identified as your project "85157.001".

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

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

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

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

Analysis Results

Client Sample ID			MW-2		MW-1	
York Sample ID			09100004-01		09100004-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/L	---	---	---	---
Acenaphthene			Not detected	11	Not detected	11
Acenaphthylene			Not detected	11	Not detected	11
Anthracene			Not detected	11	Not detected	11
Benzo[a]anthracene			Not detected	11	Not detected	11
Benzo[a]pyrene			Not detected	11	Not detected	11
Benzo[b]fluoranthene			Not detected	11	Not detected	11
Benzo[g,h,i]perylene			Not detected	11	Not detected	11
Benzo[k]fluoranthene			Not detected	11	Not detected	11
Chrysene			Not detected	11	Not detected	11
Dibenz[a,h]anthracene			Not detected	11	Not detected	11
Fluoranthene			Not detected	11	Not detected	11
Fluorene			Not detected	11	Not detected	11
Indeno[1,2,3-cd]pyrene			Not detected	11	Not detected	11
Naphthalene			Not detected	11	Not detected	11
Phenanthrene			Not detected	11	Not detected	11
Pyrene			Not detected	11	Not detected	11

YORK

Client Sample ID			MW-2		MW-1	
York Sample ID			09100004-01		09100004-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB	SW846-3510C/8082	ug/L	---	---	---	---
PCB 1016			Not detected	1.0	Not detected	1.0
PCB 1221			Not detected	1.0	Not detected	1.0
PCB 1232			Not detected	1.0	Not detected	1.0
PCB 1242			Not detected	1.0	Not detected	1.0
PCB 1248			Not detected	1.0	Not detected	1.0
PCB 1254			Not detected	1.0	Not detected	1.0
PCB 1260			Not detected	1.0	Not detected	1.0
PCB, Total			Not detected	1.0	Not detected	1.0
Metals, Priority Pollutant List	EPA SW846-6010	mg/L	---	---	---	---
Antimony			Not detected	0.006	Not detected	0.006
Arsenic			Not detected	0.004	Not detected	0.004
Beryllium			Not detected	0.0001	Not detected	0.0001
Cadmium			Not detected	0.003	Not detected	0.003
Chromium			0.041	0.005	0.009	0.005
Copper			0.008	0.005	Not detected	0.005
Lead			Not detected	0.003	0.004	0.003
Nickel			0.036	0.005	0.008	0.005
Selenium			Not detected	0.005	Not detected	0.005
Silver			Not detected	0.005	Not detected	0.005
Thallium			Not detected	0.005	Not detected	0.005
Zinc			0.016	0.005	0.008	0.005
Barium	SW846-6010	mg/L	0.100	0.010	0.132	0.010
Manganese	SW846-6010	mg/L	0.160	0.005	0.056	0.005
Mercury	SW846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Metals, Priority Pollutant List Diss.	SW846-6010	mg/L	---	---	---	---
Antimony			Not detected	0.008	Not detected	0.008
Arsenic			Not detected	0.010	Not detected	0.010
Beryllium			Not detected	0.001	Not detected	0.001
Cadmium			Not detected	0.003	Not detected	0.003
Chromium			Not detected	0.005	Not detected	0.005
Copper			Not detected	0.006	Not detected	0.006
Lead			Not detected	0.003	Not detected	0.003
Nickel			0.011	0.009	Not detected	0.009
Selenium			Not detected	0.010	Not detected	0.010
Silver			Not detected	0.003	Not detected	0.003
Thallium			Not detected	0.010	Not detected	0.010
Zinc			0.011	0.006	0.009	0.006
Barium, Dissolved	SW846-6010	mg/L	0.077	0.010	0.116	0.010
Manganese, Dissolved	SW846-6010	mg/L	0.021	0.005	0.011	0.005
Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/L	---	---	---	---
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichlorotrifluoroethane (Freon 11			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-Chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane (ethylene dibromide)			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			MW-2		MW-1	
York Sample ID			09100004-01		09100004-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (cis-)			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene(trans-)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
2-Butanone			Not detected	5.0	Not detected	5.0
2-Hexanone			Not detected	5.0	Not detected	5.0
4-Methyl-2-pentanone			Not detected	5.0	Not detected	5.0
Acetone			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon disulfide			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Isopropylbenzene (Cumene)			Not detected	5.0	Not detected	5.0
Methyl tert-butyl Ether (MTBE)			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
Tetrachloroethene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropene			Not detected	5.0	Not detected	5.0
Trichloroethene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Xylenes (total)			Not detected	5.0	Not detected	5.0
VOA Tentatively ID Compounds	SW846-8260	ug/L	Not detected	---	Not detected	---
Freon-113 (Trichlorotrifluoroethane)	SW846-8260	ug/L	Not detected	5.0	Not detected	5.0
Cyanide, Total	SM 4500 CN C/E	mg/L	Not detected	0.01	Not detected	0.01

Client Sample ID			MW-15		MW-19	
York Sample ID			09100004-03		09100004-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/L	---	---	---	---
Acenaphthene			Not detected	11	Not detected	11
Acenaphthylene			Not detected	11	Not detected	11
Anthracene			Not detected	11	Not detected	11
Benzo[a]anthracene			Not detected	11	Not detected	11

YORK

Client Sample ID			MW-15		MW-19	
York Sample ID			09100004-03		09100004-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Benzo[a]pyrene			Not detected	11	Not detected	11
Benzo[b]fluoranthene			Not detected	11	Not detected	11
Benzo[g,h,i]perylene			Not detected	11	Not detected	11
Benzo[k]fluoranthene			Not detected	11	Not detected	11
Chrysene			Not detected	11	Not detected	11
Dibenz[a,h]anthracene			Not detected	11	Not detected	11
Fluoranthene			Not detected	11	Not detected	11
Fluorene			Not detected	11	Not detected	11
Indeno[1,2,3-cd]pyrene			Not detected	11	Not detected	11
Naphthalene			Not detected	11	Not detected	11
Phenanthrene			Not detected	11	Not detected	11
Pyrene			Not detected	11	Not detected	11
PCB	SW846-3510C/8082	ug/L	---	---	---	---
PCB 1016			Not detected	1.0	Not detected	1.0
PCB 1221			Not detected	1.0	Not detected	1.0
PCB 1232			Not detected	1.0	Not detected	1.0
PCB 1242			Not detected	1.0	Not detected	1.0
PCB 1248			Not detected	1.0	Not detected	1.0
PCB 1254			Not detected	1.0	Not detected	1.0
PCB 1260			Not detected	1.0	Not detected	1.0
PCB, Total			Not detected	1.0	Not detected	1.0
Metals, Priority Pollutant List	EPA SW846-6010	mg/L	---	---	---	---
Antimony			Not detected	0.006	Not detected	0.006
Arsenic			Not detected	0.004	Not detected	0.004
Beryllium			Not detected	0.0001	Not detected	0.0001
Cadmium			Not detected	0.003	Not detected	0.003
Chromium			0.013	0.005	0.013	0.005
Copper			0.007	0.005	0.010	0.005
Lead			0.005	0.003	0.007	0.003
Nickel			0.010	0.005	0.011	0.005
Selenium			Not detected	0.005	Not detected	0.005
Silver			Not detected	0.005	Not detected	0.005
Thallium			Not detected	0.005	Not detected	0.005
Zinc			0.023	0.005	0.021	0.005
Barium	SW846-6010	mg/L	0.084	0.010	0.102	0.010
Manganese	SW846-6010	mg/L	0.120	0.005	0.320	0.005
Mercury	SW846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Metals, Priority Pollutant List Diss.	SW846-6010	mg/L	---	---	---	---
Antimony			Not detected	0.008	Not detected	0.008
Arsenic			Not detected	0.010	Not detected	0.010
Beryllium			Not detected	0.001	Not detected	0.001
Cadmium			Not detected	0.003	Not detected	0.003
Chromium			Not detected	0.005	Not detected	0.005
Copper			Not detected	0.006	Not detected	0.006
Lead			Not detected	0.003	Not detected	0.003
Nickel			Not detected	0.009	Not detected	0.009
Selenium			Not detected	0.010	Not detected	0.010
Silver			Not detected	0.003	Not detected	0.003
Thallium			Not detected	0.010	Not detected	0.010
Zinc			Not detected	0.006	Not detected	0.006
Barium, Dissolved	SW846-6010	mg/L	0.040	0.010	0.056	0.010

YORK

Client Sample ID			MW-15		MW-19	
York Sample ID			09100004-03		09100004-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Manganese, Dissolved	SW846-6010	mg/L	0.020	0.005	0.014	0.005
Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/L	---	---	---	---
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichlorotrifluoroethane (Freon 11			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-Chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane (ethylene dibromide)			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (cis-)			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene(trans-)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
2-Butanone			Not detected	5.0	Not detected	5.0
2-Hexanone			Not detected	5.0	Not detected	5.0
4-Methyl-2-pentanone			Not detected	5.0	Not detected	5.0
Acetone			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon disulfide			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Isopropylbenzene (Cumene)			Not detected	5.0	Not detected	5.0
Methyl tert-butyl Ether (MTBE)			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
Tetrachloroethene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropene			Not detected	5.0	Not detected	5.0
Trichloroethene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Xylenes (total)			Not detected	5.0	Not detected	5.0
VOA Tentatively ID Compounds	SW846-8260	ug/L	Not detected	---	Not detected	---
Cyanide, Total	SM 4500 CN C/E	mg/L	Not detected	0.01	Not detected	0.01
Freon-113 (Trichlorotrifluoroethane)	SW846-8260	ug/L	Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			MW-18		MW-14	
York Sample ID			09100004-05		09100004-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/L	---	---	---	---
Acenaphthene			Not detected	11	Not detected	5.2
Acenaphthylene			Not detected	11	Not detected	5.2
Anthracene			Not detected	11	Not detected	5.2
Benzo[a]anthracene			Not detected	11	Not detected	5.2
Benzo[a]pyrene			Not detected	11	Not detected	5.2
Benzo[b]fluoranthene			Not detected	11	Not detected	5.2
Benzo[g,h,i]perylene			Not detected	11	Not detected	5.2
Benzo[k]fluoranthene			Not detected	11	Not detected	5.2
Chrysene			Not detected	11	Not detected	5.2
Dibenz[a,h]anthracene			Not detected	11	Not detected	5.2
Fluoranthene			Not detected	11	Not detected	5.2
Fluorene			Not detected	11	Not detected	5.2
Indeno[1,2,3-cd]pyrene			Not detected	11	Not detected	5.2
Naphthalene			Not detected	11	Not detected	5.2
Phenanthrene			Not detected	11	Not detected	5.2
Pyrene			Not detected	11	Not detected	5.2
PCB	SW846-3510C/8082	ug/L	---	---	---	---
PCB 1016			Not detected	1.0	Not detected	0.54
PCB 1221			Not detected	1.0	Not detected	0.54
PCB 1232			Not detected	1.0	Not detected	0.54
PCB 1242			Not detected	1.0	Not detected	0.54
PCB 1248			Not detected	1.0	Not detected	0.54
PCB 1254			Not detected	1.0	Not detected	0.54
PCB 1260			Not detected	1.0	Not detected	0.54
PCB, Total			Not detected	1.0	Not detected	0.54
Metals, Priority Pollutant List	EPA SW846-6010	mg/L	---	---	---	---
Antimony			Not detected	0.006	Not detected	0.006
Arsenic			Not detected	0.004	Not detected	0.004
Beryllium			Not detected	0.0001	Not detected	0.0001
Cadmium			Not detected	0.003	Not detected	0.003
Chromium			0.014	0.005	0.011	0.005
Copper			0.010	0.005	0.008	0.005
Lead			0.005	0.003	Not detected	0.003
Nickel			0.013	0.005	0.011	0.005
Selenium			Not detected	0.005	Not detected	0.005
Silver			Not detected	0.005	Not detected	0.005
Thallium			Not detected	0.005	Not detected	0.005
Zinc			0.015	0.005	0.022	0.005
Barium	SW846-6010	mg/L	0.123	0.010	0.065	0.010
Manganese	SW846-6010	mg/L	0.146	0.005	0.029	0.005
Mercury	SW846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Metals, Priority Pollutant List Diss.	SW846-6010	mg/L	---	---	---	---
Antimony			Not detected	0.008	Not detected	0.008
Arsenic			Not detected	0.010	Not detected	0.010
Beryllium			Not detected	0.001	Not detected	0.001
Cadmium			Not detected	0.003	Not detected	0.003
Chromium			Not detected	0.005	Not detected	0.005
Copper			Not detected	0.006	Not detected	0.006
Lead			Not detected	0.003	Not detected	0.003
Nickel			Not detected	0.009	Not detected	0.009

YORK

Client Sample ID			MW-18		MW-14	
York Sample ID			09100004-05		09100004-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Selenium			Not detected	0.010	Not detected	0.010
Silver			Not detected	0.003	Not detected	0.003
Thallium			Not detected	0.010	Not detected	0.010
Zinc			Not detected	0.006	0.010	0.006
Barium, Dissolved	SW846-6010	mg/L	0.087	0.010	0.022	0.010
Manganese, Dissolved	SW846-6010	mg/L	0.021	0.005	Not detected	0.005
Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/L	---	---	---	---
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichlorotrifluoroethane (Freon 11			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-Chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane (ethylene dibromide)			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (cis-)			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene(trans-)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
2-Butanone			Not detected	5.0	Not detected	5.0
2-Hexanone			Not detected	5.0	Not detected	5.0
4-Methyl-2-pentanone			Not detected	5.0	Not detected	5.0
Acetone			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon disulfide			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Isopropylbenzene (Cumene)			Not detected	5.0	Not detected	5.0
Methyl tert-butyl Ether (MTBE)			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
Tetrachloroethene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropene			Not detected	5.0	Not detected	5.0
Trichloroethene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			MW-18		MW-14	
York Sample ID			09100004-05		09100004-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Vinyl chloride			Not detected	5.0	Not detected	5.0
Xylenes (total)			Not detected	5.0	Not detected	5.0
VOA Tentatively ID Compounds	SW846-8260	ug/L	Not detected	---	Not detected	---
Cyanide, Total	SM 4500 CN C/E	mg/L	Not detected	0.01	Not detected	0.01
Freon-113 (Trichlorotrifluoroethane)	SW846-8260	ug/L	Not detected	5.0	Not detected	5.0

Client Sample ID			MW-13		MW-11	
York Sample ID			09100004-07		09100004-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/L	---	---	---	---
Acenaphthene			Not detected	5.2	Not detected	5.9
Acenaphthylene			Not detected	5.2	Not detected	5.9
Anthracene			Not detected	5.2	Not detected	5.9
Benzo[a]anthracene			Not detected	5.2	Not detected	5.9
Benzo[a]pyrene			Not detected	5.2	Not detected	5.9
Benzo[b]fluoranthene			Not detected	5.2	Not detected	5.9
Benzo[g,h,i]perylene			Not detected	5.2	Not detected	5.9
Benzo[k]fluoranthene			Not detected	5.2	Not detected	5.9
Chrysene			Not detected	5.2	Not detected	5.9
Dibenz[a,h]anthracene			Not detected	5.2	Not detected	5.9
Fluoranthene			Not detected	5.2	Not detected	5.9
Fluorene			Not detected	5.2	Not detected	5.9
Indeno[1,2,3-cd]pyrene			Not detected	5.2	Not detected	5.9
Naphthalene			Not detected	5.2	Not detected	5.9
Phenanthrene			Not detected	5.2	Not detected	5.9
Pyrene			Not detected	5.2	Not detected	5.9
PCB	SW846-3510C/8082	ug/L	---	---	---	---
PCB 1016			Not detected	0.54	Not detected	0.57
PCB 1221			Not detected	0.54	Not detected	0.57
PCB 1232			Not detected	0.54	Not detected	0.57
PCB 1242			Not detected	0.54	Not detected	0.57
PCB 1248			Not detected	0.54	Not detected	0.57
PCB 1254			Not detected	0.54	Not detected	0.57
PCB 1260			Not detected	0.54	Not detected	0.57
PCB, Total			Not detected	0.54	Not detected	0.57
Metals, Priority Pollutant List	EPA SW846-6010	mg/L	---	---	---	---
Antimony			Not detected	0.006	Not detected	0.006
Arsenic			Not detected	0.004	Not detected	0.004
Beryllium			Not detected	0.0001	Not detected	0.0001
Cadmium			Not detected	0.003	Not detected	0.003
Chromium			Not detected	0.005	0.016	0.005
Copper			Not detected	0.005	0.010	0.005
Lead			Not detected	0.003	0.006	0.003
Nickel			0.006	0.005	0.013	0.005
Selenium			Not detected	0.005	Not detected	0.005
Silver			Not detected	0.005	Not detected	0.005
Thallium			Not detected	0.005	Not detected	0.005
Zinc			0.006	0.005	0.055	0.005

YORK

Client Sample ID			MW-13		MW-11	
York Sample ID			09100004-07		09100004-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Barium	SW846-6010	mg/L	0.034	0.010	0.102	0.010
Manganese	SW846-6010	mg/L	0.005	0.005	0.057	0.005
Mercury	SW846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Metals, Priority Pollutant List Diss.	SW846-6010	mg/L	---	---	---	---
Antimony			Not detected	0.008	Not detected	0.008
Arsenic			Not detected	0.010	Not detected	0.010
Beryllium			Not detected	0.001	Not detected	0.001
Cadmium			Not detected	0.003	Not detected	0.003
Chromium			Not detected	0.005	Not detected	0.005
Copper			Not detected	0.006	Not detected	0.006
Lead			Not detected	0.003	Not detected	0.003
Nickel			Not detected	0.009	Not detected	0.009
Selenium			Not detected	0.010	Not detected	0.010
Silver			Not detected	0.003	Not detected	0.003
Thallium			Not detected	0.010	Not detected	0.010
Zinc			0.007	0.006	Not detected	0.006
Barium, Dissolved	SW846-6010	mg/L	0.028	0.010	0.029	0.010
Manganese, Dissolved	SW846-6010	mg/L	Not detected	0.005	Not detected	0.005
Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/L	---	---	---	---
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichlorotrifluoroethane (Freon 11			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-Chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane (ethylene dibromide)			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (cis-)			Not detected	5.0	9	5.0
1,2-Dichloroethylene(trans-)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
2-Butanone			Not detected	5.0	Not detected	5.0
2-Hexanone			Not detected	5.0	Not detected	5.0
4-Methyl-2-pentanone			Not detected	5.0	Not detected	5.0
Acetone			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon disulfide			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropene			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			MW-13		MW-11	
York Sample ID			09100004-07		09100004-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Isopropylbenzene (Cumene)			Not detected	5.0	Not detected	5.0
Methyl tert-butyl Ether (MTBE)			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
Tetrachloroethene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropene			Not detected	5.0	Not detected	5.0
Trichloroethene			6	5.0	35	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Xylenes (total)			Not detected	5.0	Not detected	5.0
VOA Tentatively ID Compounds	SW846-8260	ug/L	Not detected	---	Not detected	---
Cyanide, Total	SM 4500 CN C/E	mg/L	Not detected	0.01	Not detected	0.01
Freon-113 (Trichlorotrifluoroethane)	SW846-8260	ug/L	Not detected	5.0	Not detected	5.0

Client Sample ID			MW-12		MW-12A	
York Sample ID			09100004-09		09100004-10	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/L	---	---	---	---
Acenaphthene			Not detected	5.2	Not detected	8.0
Acenaphthylene			Not detected	5.2	Not detected	8.0
Anthracene			Not detected	5.2	Not detected	8.0
Benzo[a]anthracene			Not detected	5.2	Not detected	8.0
Benzo[a]pyrene			Not detected	5.2	Not detected	8.0
Benzo[b]fluoranthene			Not detected	5.2	Not detected	8.0
Benzo[g,h,i]perylene			Not detected	5.2	Not detected	8.0
Benzo[k]fluoranthene			Not detected	5.2	Not detected	8.0
Chrysene			Not detected	5.2	Not detected	8.0
Dibenz[a,h]anthracene			Not detected	5.2	Not detected	8.0
Fluoranthene			Not detected	5.2	Not detected	8.0
Fluorene			Not detected	5.2	Not detected	8.0
Indeno[1,2,3-cd]pyrene			Not detected	5.2	Not detected	8.0
Naphthalene			Not detected	5.2	Not detected	8.0
Phenanthrene			Not detected	5.2	Not detected	8.0
Pyrene			Not detected	5.2	Not detected	8.0
PCB	SW846-3510C/8082	ug/L	---	---	---	---
PCB 1016			Not detected	0.52	Not detected	0.71
PCB 1221			Not detected	0.52	Not detected	0.71
PCB 1232			Not detected	0.52	Not detected	0.71
PCB 1242			Not detected	0.52	Not detected	0.71
PCB 1248			Not detected	0.52	Not detected	0.71
PCB 1254			Not detected	0.52	Not detected	0.71
PCB 1260			Not detected	0.52	Not detected	0.71
PCB, Total			Not detected	0.52	Not detected	0.71

YORK

Client Sample ID			MW-12		MW-12A	
York Sample ID			09100004-09		09100004-10	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Metals, Priority Pollutant List	EPA SW846-6010	mg/L	---	---	---	---
Antimony			Not detected	0.006	Not detected	0.006
Arsenic			Not detected	0.004	0.010	0.004
Beryllium			Not detected	0.0001	Not detected	0.0001
Cadmium			Not detected	0.003	Not detected	0.003
Chromium			0.018	0.005	0.091	0.005
Copper			0.010	0.005	0.022	0.005
Lead			0.008	0.003	0.025	0.003
Nickel			0.015	0.005	0.086	0.005
Selenium			Not detected	0.005	Not detected	0.005
Silver			Not detected	0.005	Not detected	0.005
Thallium			Not detected	0.005	Not detected	0.005
Zinc			0.033	0.005	0.017	0.005
Barium	SW846-6010	mg/L	0.176	0.010	0.178	0.010
Manganese	SW846-6010	mg/L	0.271	0.005	1.27	0.005
Mercury	SW846-7470	mg/L	Not detected	0.0002	0.0003	0.0002
Metals, Priority Pollutant List Diss.	SW846-6010	mg/L	---	---	---	---
Antimony			Not detected	0.008	Not detected	0.008
Arsenic			Not detected	0.010	Not detected	0.010
Beryllium			Not detected	0.001	Not detected	0.001
Cadmium			Not detected	0.003	Not detected	0.003
Chromium			Not detected	0.005	Not detected	0.005
Copper			Not detected	0.006	Not detected	0.006
Lead			Not detected	0.003	Not detected	0.003
Nickel			Not detected	0.009	0.030	0.009
Selenium			Not detected	0.010	Not detected	0.010
Silver			Not detected	0.003	Not detected	0.003
Thallium			Not detected	0.010	Not detected	0.010
Zinc			Not detected	0.006	Not detected	0.006
Barium, Dissolved	SW846-6010	mg/L	0.036	0.010	0.116	0.010
Manganese, Dissolved	SW846-6010	mg/L	0.015	0.005	0.852	0.005
Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/L	---	---	---	---
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichlorotrifluoroethane (Freon 11			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-Chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane (ethylene dibromide)			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (cis-)			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene(trans-)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
2-Butanone			Not detected	5.0	Not detected	5.0
2-Hexanone			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			MW-12		MW-12A	
York Sample ID			09100004-09		09100004-10	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
4-Methyl-2-pentanone			Not detected	5.0	Not detected	5.0
Acetone			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon disulfide			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Isopropylbenzene (Cumene)			Not detected	5.0	Not detected	5.0
Methyl tert-butyl Ether (MTBE)			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
Tetrachloroethene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropene			Not detected	5.0	Not detected	5.0
Trichloroethene			15	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Xylenes (total)			Not detected	5.0	Not detected	5.0
VOA Tentatively ID Compounds	SW846-8260	ug/L	Not detected	---	Not detected	---
Cyanide, Total	SM 4500 CN C/E	mg/L	Not detected	0.01	Not detected	0.01
Freon-113 (Trichlorotrifluoroethane)	SW846-8260	ug/L	Not detected	5.0	Not detected	5.0

Client Sample ID			MW-10		MW-9A	
York Sample ID			09100004-11		09100004-12	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/L	---	---	---	---
Acenaphthene			Not detected	5.6	Not detected	5.2
Acenaphthylene			Not detected	5.6	Not detected	5.2
Anthracene			Not detected	5.6	Not detected	5.2
Benzo[a]anthracene			Not detected	5.6	Not detected	5.2
Benzo[a]pyrene			Not detected	5.6	Not detected	5.2
Benzo[b]fluoranthene			Not detected	5.6	Not detected	5.2
Benzo[g,h,i]perylene			Not detected	5.6	Not detected	5.2
Benzo[k]fluoranthene			Not detected	5.6	Not detected	5.2
Chrysene			Not detected	5.6	Not detected	5.2
Dibenz[a,h]anthracene			Not detected	5.6	Not detected	5.2
Fluoranthene			Not detected	5.6	Not detected	5.2
Fluorene			Not detected	5.6	Not detected	5.2
Indeno[1,2,3-cd]pyrene			Not detected	5.6	Not detected	5.2

YORK

Client Sample ID			MW-10		MW-9A	
York Sample ID			09100004-11		09100004-12	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Naphthalene			Not detected	5.6	Not detected	5.2
Phenanthrene			Not detected	5.6	Not detected	5.2
Pyrene			Not detected	5.6	Not detected	5.2
PCB	SW846-3510C/8082	ug/L	---	---	---	---
PCB 1016			Not detected	0.52	Not detected	0.54
PCB 1221			Not detected	0.52	Not detected	0.54
PCB 1232			Not detected	0.52	Not detected	0.54
PCB 1242			Not detected	0.52	Not detected	0.54
PCB 1248			Not detected	0.52	Not detected	0.54
PCB 1254			Not detected	0.52	Not detected	0.54
PCB 1260			Not detected	0.52	Not detected	0.54
PCB, Total			Not detected	0.52	Not detected	0.54
Metals, Priority Pollutant List	EPA SW846-6010	mg/L	---	---	---	---
Antimony			Not detected	0.006	Not detected	0.006
Arsenic			Not detected	0.004	Not detected	0.004
Beryllium			Not detected	0.0001	Not detected	0.0001
Cadmium			Not detected	0.003	Not detected	0.003
Chromium			Not detected	0.005	0.016	0.005
Copper			Not detected	0.005	0.005	0.005
Lead			Not detected	0.003	Not detected	0.003
Nickel			Not detected	0.005	0.012	0.005
Selenium			Not detected	0.005	Not detected	0.005
Silver			Not detected	0.005	Not detected	0.005
Thallium			Not detected	0.005	Not detected	0.005
Zinc			0.008	0.005	0.013	0.005
Barium	SW846-6010	mg/L	0.050	0.010	0.139	0.010
Manganese	SW846-6010	mg/L	0.155	0.005	0.035	0.005
Mercury	SW846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Metals, Priority Pollutant List Diss.	SW846-6010	mg/L	---	---	---	---
Antimony			Not detected	0.008	Not detected	0.008
Arsenic			Not detected	0.010	Not detected	0.010
Beryllium			Not detected	0.001	Not detected	0.001
Cadmium			Not detected	0.003	Not detected	0.003
Chromium			Not detected	0.005	Not detected	0.005
Copper			Not detected	0.006	Not detected	0.006
Lead			Not detected	0.003	Not detected	0.003
Nickel			Not detected	0.009	Not detected	0.009
Selenium			Not detected	0.010	Not detected	0.010
Silver			Not detected	0.003	Not detected	0.003
Thallium			Not detected	0.010	Not detected	0.010
Zinc			0.008	0.006	0.008	0.006
Barium, Dissolved	SW846-6010	mg/L	0.035	0.010	0.139	0.010
Manganese, Dissolved	SW846-6010	mg/L	0.014	0.005	0.015	0.005
Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/L	---	---	---	---
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichlorotrifluoroethane (Freon 11			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethene			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			MW-10		MW-9A	
York Sample ID			09100004-11		09100004-12	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-Chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane (ethylene dibromide)			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (cis-)			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene(trans-)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
2-Butanone			Not detected	5.0	Not detected	5.0
2-Hexanone			Not detected	5.0	Not detected	5.0
4-Methyl-2-pentanone			Not detected	5.0	Not detected	5.0
Acetone			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon disulfide			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Isopropylbenzene (Cumene)			Not detected	5.0	Not detected	5.0
Methyl tert-butyl Ether (MTBE)			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
Tetrachloroethene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropene			Not detected	5.0	Not detected	5.0
Trichloroethene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Xylenes (total)			Not detected	5.0	Not detected	5.0
VOA Tentatively ID Compounds	SW846-8260	ug/L	Not detected	---	Not detected	---
Cyanide, Total	SM 4500 CN C/E	mg/L	Not detected	0.01	Not detected	0.01
Freon-113 (Trichlorotrifluoroethane)	SW846-8260	ug/L	Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			Trip Blank	
York Sample ID			09100004-13	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/L	---	---
1,1,1-Trichloroethane			Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0
1,1,2-Trichlorotrifluoroethane (Freon 11			Not detected	5.0
1,1-Dichloroethane			Not detected	5.0
1,1-Dichloroethene			Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0
1,2-Dibromo-3-Chloropropane			Not detected	5.0
1,2-Dibromoethane (ethylene dibromide)			Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,2-Dichloroethylene (cis-)			Not detected	5.0
1,2-Dichloroethylene(trans-)			Not detected	5.0
1,2-Dichloropropane			Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0
2-Butanone			Not detected	5.0
2-Hexanone			Not detected	5.0
4-Methyl-2-pentanone			Not detected	5.0
Acetone			Not detected	5.0
Benzene			Not detected	5.0
Bromodichloromethane			Not detected	5.0
Bromoform			Not detected	5.0
Bromomethane			Not detected	5.0
Carbon disulfide			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroethane			Not detected	5.0
Chloroform			Not detected	5.0
Chloromethane			Not detected	5.0
cis-1,3-Dichloropropene			Not detected	5.0
Dibromochloromethane			Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0
Ethylbenzene			Not detected	5.0
Isopropylbenzene (Cumene)			Not detected	5.0
Methyl tert-butyl Ether (MTBE)			Not detected	5.0
Methylene chloride			Not detected	5.0
Styrene			Not detected	5.0
Tetrachloroethene			Not detected	5.0
Toluene			Not detected	5.0
trans-1,3-Dichloropropene			Not detected	5.0
Trichloroethene			Not detected	5.0
Trichlorofluoromethane			Not detected	5.0
Vinyl chloride			Not detected	5.0
Xylenes (total)			Not detected	5.0
VOA Tentatively ID Compounds	SW846-8260	ug/L	Not detected	---
Freon-113 (Trichlorotrifluoroethane)	SW846-8260	ug/L	Not detected	5.0

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

YORK

Report Date: 10/2/2009
Client Project ID: 85157.001
York Project No.: 09100004

Notes for York Project No. 09100004

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

Approved By: Robert Q. Bradley
Managing Director

Date: 10/2/2009

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AE33241 — 02-Oct-09

Client: Apex Companies, LLC

Analysis Name: ***Base Neutral fraction QC*** **Batch Name:** $BNW-36006 **QA Sample #:** AE33241

Unit of Measure: ug/L **York's Sample ID:** 09100004-07

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
1,4-Dichlorobenzene	58	Not detected	Not detected	100	34	**34.0**	44	**44.000**	**25.6**
2,4-Dinitrotoluene	88	Not detected	Not detected	100	56	**56.0**	67	**67.000**	**17.9**
Acenapthene	76	Not detected	Not detected	100	50	**50.0**	66	**66.000**	**27.6**
N-Nitroso-di-n-propy	72	Not detected	Not detected	100	46	**46.0**	62	**62.000**	**29.6**
Pyrene	74	Not detected	Not detected	100	50	**50.0**	62	**62.000**	**21.4**
1,2,4-Trichlorobenze	56	Not detected	Not detected	100	36	**36.0**	48	**48.000**	**28.6**

Associated Samples: AE33241 — 02-Oct-09

Client: Apex Companies, LLC

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTAQ-36007 **QA Sample #:** AE33241

Unit of Measure: ppm **York's Sample ID:** 09100004-07

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Arsenic	91.2	Not detected	Not detected	2.00	1.97	**98.500**	Not detected		
Copper	96.9	Not detected	Not detected	0.250	0.265	**106.000**	Not detected		
Chromium	93.7	Not detected	Not detected	0.200	0.192	**96.000**	Not detected		
Cadmium	93.9	Not detected	Not detected	0.050	0.050	**100.000**	Not detected		
Barium	100	0.028	Not detected	2.00	2.12	**104.600**	0.029		**3.509**
Manganese	100	Not detected	Not detected	0.500	0.513	**102.600**	Not detected		
Antimony	103	Not detected	Not detected	0.250	0.237	**94.800**	Not detected		
Beryllium	93.8	Not detected	Not detected	0.050	0.050	**100.000**	Not detected		
Lead	96.2	Not detected	Not detected	0.500	0.482	**96.400**	Not detected		
Zinc	96.2	0.007	Not detected	0.500	0.527	**104.000**	0.007		**0.000**
Thallium	94.5	Not detected	Not detected	2.00	1.97	**98.500**	Not detected		
Silver	90.7	Not detected	Not detected	0.050	0.043	**86.000**	Not detected		
Selenium	96.1	Not detected	Not detected	2.00	1.78	**89.000**	Not detected		
Nickel	99.0	Not detected	Not detected	0.500	0.505	**101.000**	Not detected		

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AE33241 — 02-Oct-09

Client: Apex Companies, LLC

Analysis Name: *VOA QC WATERS* — **Batch Name:** $VOAW-36008 — **QA Sample #:** AE33241

Unit of Measure: ug/L — **York's Sample ID:** 09100004-07

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Benzene	94	Not detected	Not detected	50	47	**94.0**	47	**94.0**	**0.0**
Chlorobenzene	109	Not detected	Not detected	50	54	**108.0**	54	**108.0**	**0.0**
Toluene	105	Not detected	Not detected	50	53	**106.0**	53	**106.0**	**0.0**
Trichloroethylene	104	Not detected	Not detected	50	59	**118.0**	59	**118.0**	**0.0**
1,1-Dichloroethylene	102	Not detected	Not detected	50	50	**100.0**	48	**96.0**	**4.1**

Associated Samples: AE33241 — 02-Oct-09

Client: Apex Companies, LLC

Analysis Name: *Cyanide, Total* — **Batch Name:** CNT_W-36009 — **QA Sample #:** AE33241

Unit of Measure: mg/L — **York's Sample ID:** 09100004-07

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
CNT_W	106	Not detected	Not detected	0.20	0.20	**102**	Not detected		**0.0**

Associated Samples: AE33241 — 02-Oct-09

Client: Apex Companies, LLC

Analysis Name: *Mercury* — **Batch Name:** HG_W-36010 — **QA Sample #:** AE33241

Unit of Measure: mg/L — **York's Sample ID:** 09100004-07

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HG_W	98.0	Not detected	Not detected	0.0030	0.0031	**103**	Not detected		**0**

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AE33241

02-Oct-09

Client: Apex Companies, LLC

Analysis Name: ***PCB in Unspiked sample water-QC*** **Batch Name:** PCBW-36011 **QA Sample #:** AE33241

Unit of Measure: ppb **York's Sample ID:** 09100004-07

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
PCBW	84.0	Not detected	Not detected	20.0	16.2	**81.0**	16.2	**81.0**	**0.0**

YORK

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 09100004

Client Information	Report To:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverbles
Company: Equity One	Company: Apex	Company: Apex	85157.001	24 hr ____	Summary ____ QA/QC Summary ✓
Address: ____	Address: 120-D Wilbur Pl Bohemia NY 11716	Address: 120-D Wilbur Pl Bohemia NY 11716	Purchase Order No.	48 hr ✓	Results Only
Phone No. ____	Phone No. 631-567-1777	Phone No. 631-567-1777		72 hr ____	RCP Package ____ ASP B Pkg ____
Contact Person: ____	Attention: Jeff Mckowski	Attention: Dan Smith		5 Day ____	ASP A Pkg ____ Excel format ✓
E-Mail Address: ____	E-Mail Address: jmckowski@apexcos.com	E-Mail Address: dsmith@apexcos.com		Standard ____	EDD ____ OTHER ____

Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

RMBN
Samples Collected/Authorized By (Signature)

Robert M. Bennett
Name (printed)

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals (Ba, Mn)	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☑

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW-2	9/29/2009	GW	TCL VOCs, MTBE, Freon 113; non-TCL VOCs as TICs; STARS SVOCs; 8082 PCBs; PP Metals, Total Metals, Dissolved Metals, and Barium (Ba) and Manganese (Mn); Total Cyanide	(2) 40mL vials with HCl for VOCs; (1) 1 liter amber with no preserv. for SVOCs/PCBs; (1) 250ml with NaOH for Cyanide; (1) 250ml no preserv for dissolved metals; (1) 250 ml with nitric acid for Metals
MW-1				
MW-15				
MW-19				
MW-18				

Comments: Split 1 liter amber sample glassware for STARS SVOCs and 8082 PCBs for samples MW-2, MW-1, MW-15, MW-18, and MW-18. All other samples had separate glassware for PCBs and SVOCs.

Preservation Check those Applicable									
4°C	Frozen	4°C	4°C	HNO3	4°C	4°C	4°C	H2SO4	NaOH
HCl	MeOH			4°C	H2SO4	Other	ZnAc	Ascorbic	Other

				Temperature on Receipt
RMBN	9/30/09 1405	HB Horton	9/30/09 2:10 PM	3.7 °C
Samples Relinquished By	Date/Time	Samples Received By	Date/Time	
Samples Relinquished By	Date/Time	Samples Received in LAB by	9/30/09 - 1900 Date/Time	

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 09100004

Client Information	Report To:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: Equity One	Company: Apex	Company: Apex	85157.001	24 hr ____	Summary ____ QA/QC Summary ✓
Address: ____	Address: 120-D Wilbur Pl. Bohemia NY 11716	Address: 120-D Wilbur Pl. Bohemia NY 11716	Purchase Order No.	48 hr ✓	Results Only
Phone No. ____	Phone No. 631-567-1777	Phone No. 631-567-1777		72 hr ____	RCP Package ____ ASP B Pkg ____
Contact Person: ____	Attention: Jeff Mckowski	Attention: Dan Smith		5 Day ____	ASP A Pkg ____ Excel format ✓
E-Mail Address: ____	E-Mail Address: jmckowski@apexcos.com	E-Mail Address: dsmith@apexcos.com		Standard ____	EDD ____ OTHER ____

Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

LMBN
Samples Collected/Authorized By (Signature)

Robert M. Bennett
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot.Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, Ba, Cd	Air VPH	Part360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Ni, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☑

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below							Container Description(s)
MW-14	9/30/2009	GW	TCL VOCs, MTBE, Freon 113, non-TCL VOCs as TICs	STARS SVOCs	8082 PCBs	PP Metals, Total Metals, Dissolved Metals, Barium, Manganese			Total Cyanide	(2) 40mL vials with HCl for VOCs
MW-13										(1) 1 Liter amber with no preserv. for SVOCs
MW-11										(1) 1 Liter amber with no preserv. for PCBs
MW-12										(1) 250mL with NaOH for Cyanide
MW-12A										(1) 250mL with nitric acid for Metals
MW-10										(1) 250mL with no preserv. for dissolved metals
MW-9A										

Preservation Check those Applicable										
4°C ____	Frozen ____	4°C ____	4°C ____	HNO_3 ____	4°C ____	4°C ____	4°C ____	H_2SO_4 ____	NaOH ____	
HCl ____	MeOH ____			4°C ____	H_2SO_4 ____	Other ____	$ZnAc_2$ ____	Ascorbic ____	Other ____	

Comments: separate glassware for PCBs and SVOCs on this page and all subsequent remaining samples.

LMBN 9/30/09 1405
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

NB Horton 9/30/09 2:10 PM
Samples Received By Date/Time

9/30/09 1900
Samples Received in LAB by Date/Time

Temperature on Receipt 3.7 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Apex Companies, LLC
120-D Wilbur Place
Bohemia, NY 11716
Attention: Jeff Makowski

Report Date: 10/5/2009
Re: Client Project ID: 85157.001
York Project No.: 09100052

CT License No. PH-0723 New Jersey License No. CT-005 New York License No. 10854 PA Reg. 68-04440

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

Report Date: 10/5/2009
Client Project ID: 85157.001
York Project No.: 09100052

Apex Companies, LLC
120-D Wilbur Place
Bohemia, NY 11716
Attention: Jeff Makowski

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 10/01/09. The project was identified as your project "85157.001".

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

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

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

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

Analysis Results

Client Sample ID			MW-9		MW-17	
York Sample ID			09100052-01		09100052-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/L	---	---	---	---
Acenaphthene			Not detected	5.2	Not detected	5.2
Acenaphthylene			Not detected	5.2	Not detected	5.2
Anthracene			Not detected	5.2	Not detected	5.2
Benzo[a]anthracene			Not detected	5.2	Not detected	5.2
Benzo[a]pyrene			Not detected	5.2	Not detected	5.2
Benzo[b]fluoranthene			Not detected	5.2	Not detected	5.2
Benzo[g,h,i]perylene			Not detected	5.2	Not detected	5.2
Benzo[k]fluoranthene			Not detected	5.2	Not detected	5.2
Chrysene			Not detected	5.2	Not detected	5.2
Dibenz[a,h]anthracene			Not detected	5.2	Not detected	5.2
Fluoranthene			Not detected	5.2	Not detected	5.2
Fluorene			Not detected	5.2	Not detected	5.2
Indeno[1,2,3-cd]pyrene			Not detected	5.2	Not detected	5.2
Naphthalene			Not detected	5.2	Not detected	5.2
Phenanthrene			Not detected	5.2	Not detected	5.2
Pyrene			Not detected	5.2	Not detected	5.2

YORK

Client Sample ID			MW-9		MW-17	
York Sample ID			09100052-01		09100052-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB	SW846-3510C/8082	ug/L	---	---	---	---
PCB 1016			Not detected	0.50	Not detected	0.50
PCB 1221			Not detected	0.50	Not detected	0.50
PCB 1232			Not detected	0.50	Not detected	0.50
PCB 1242			Not detected	0.50	Not detected	0.50
PCB 1248			Not detected	0.50	Not detected	0.50
PCB 1254			Not detected	0.50	Not detected	0.50
PCB 1260			Not detected	0.50	Not detected	0.50
PCB, Total			Not detected	0.50	Not detected	0.50
Metals, Priority Pollutant List	EPA SW846-6010	mg/L	---	---	---	---
Antimony			Not detected	0.006	Not detected	0.006
Arsenic			Not detected	0.004	Not detected	0.004
Beryllium			Not detected	0.0001	Not detected	0.0001
Cadmium			Not detected	0.003	Not detected	0.003
Chromium			Not detected	0.005	0.007	0.005
Copper			0.007	0.005	Not detected	0.005
Lead			Not detected	0.003	Not detected	0.003
Nickel			Not detected	0.005	0.005	0.005
Selenium			Not detected	0.005	Not detected	0.005
Silver			Not detected	0.005	Not detected	0.005
Thallium			Not detected	0.005	Not detected	0.005
Zinc			0.010	0.005	0.009	0.005
Barium	SW846-6010	mg/L	0.053	0.010	0.068	0.010
Manganese	SW846-6010	mg/L	0.073	0.005	0.067	0.005
Mercury	SW846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Metals, Priority Pollutant List Diss.	SW846-6010	mg/L	---	---	---	---
Antimony			Not detected	0.008	Not detected	0.008
Arsenic			Not detected	0.010	Not detected	0.010
Beryllium			Not detected	0.001	Not detected	0.001
Cadmium			Not detected	0.003	Not detected	0.003
Chromium			Not detected	0.005	Not detected	0.005
Copper			0.007	0.006	Not detected	0.006
Lead			Not detected	0.003	Not detected	0.003
Nickel			Not detected	0.009	Not detected	0.009
Selenium			Not detected	0.010	Not detected	0.010
Silver			Not detected	0.003	Not detected	0.003
Thallium			Not detected	0.010	Not detected	0.010
Zinc			0.009	0.006	0.007	0.006
Barium, Dissolved	SW846-6010	mg/L	0.041	0.010	0.056	0.010
Manganese, Dissolved	SW846-6010	mg/L	0.009	0.005	0.015	0.005
Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/L	---	---	---	---
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichlorotrifluoroethane (Freon 113)			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-Chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane (ethylene dibromide)			Not detected	5.0	Not detected	5.0

Client Sample ID			MW-9		MW-17	
York Sample ID			09100052-01		09100052-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (cis-)			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene(trans-)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
2-Butanone			Not detected	5.0	Not detected	5.0
2-Hexanone			Not detected	5.0	Not detected	5.0
4-Methyl-2-pentanone			Not detected	5.0	Not detected	5.0
Acetone			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon disulfide			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Isopropylbenzene (Cumene)			Not detected	5.0	Not detected	5.0
Methyl tert-butyl Ether (MTBE)			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
Tetrachloroethene			23	5.0	19	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropene			Not detected	5.0	Not detected	5.0
Trichloroethene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Xylenes (total)			Not detected	5.0	Not detected	5.0
VOA Tentatively ID Compounds	SW846-8260	ug/L	Not detected	---	Not detected	---
Cyanide, Total	SM 4500 CN C/E	mg/L	Not detected	0.01	Not detected	0.01

Client Sample ID			MW-16		MW-8	
York Sample ID			09100052-03		09100052-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/L	---	---	---	---
Acenaphthene			Not detected	5.2	Not detected	5.2
Acenaphthylene			Not detected	5.2	Not detected	5.2
Anthracene			Not detected	5.2	Not detected	5.2
Benzo[a]anthracene			Not detected	5.2	Not detected	5.2

YORK

Client Sample ID			MW-16		MW-8	
York Sample ID			09100052-03		09100052-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Benzo[a]pyrene			Not detected	5.2	Not detected	5.2
Benzo[b]fluoranthene			Not detected	5.2	Not detected	5.2
Benzo[g,h,i]perylene			Not detected	5.2	Not detected	5.2
Benzo[k]fluoranthene			Not detected	5.2	Not detected	5.2
Chrysene			Not detected	5.2	Not detected	5.2
Dibenz[a,h]anthracene			Not detected	5.2	Not detected	5.2
Fluoranthene			Not detected	5.2	Not detected	5.2
Fluorene			Not detected	5.2	Not detected	5.2
Indeno[1,2,3-cd]pyrene			Not detected	5.2	Not detected	5.2
Naphthalene			Not detected	5.2	Not detected	5.2
Phenanthrene			Not detected	5.2	Not detected	5.2
Pyrene			Not detected	5.2	Not detected	5.2
PCB	SW846-3510C/8082	ug/L	---	---	---	---
PCB 1016			Not detected	0.50	Not detected	0.50
PCB 1221			Not detected	0.50	Not detected	0.50
PCB 1232			Not detected	0.50	Not detected	0.50
PCB 1242			Not detected	0.50	Not detected	0.50
PCB 1248			Not detected	0.50	Not detected	0.50
PCB 1254			Not detected	0.50	Not detected	0.50
PCB 1260			Not detected	0.50	Not detected	0.50
PCB, Total			Not detected	0.50	Not detected	0.50
Metals, Priority Pollutant List	EPA SW846-6010	mg/L	---	---	---	---
Antimony			Not detected	0.006	Not detected	0.006
Arsenic			Not detected	0.004	Not detected	0.004
Beryllium			Not detected	0.0001	Not detected	0.0001
Cadmium			Not detected	0.003	Not detected	0.003
Chromium			Not detected	0.005	Not detected	0.005
Copper			0.005	0.005	Not detected	0.005
Lead			Not detected	0.003	Not detected	0.003
Nickel			0.005	0.005	Not detected	0.005
Selenium			Not detected	0.005	Not detected	0.005
Silver			Not detected	0.005	Not detected	0.005
Thallium			Not detected	0.005	Not detected	0.005
Zinc			0.010	0.005	0.009	0.005
Barium	SW846-6010	mg/L	0.120	0.010	0.042	0.010
Manganese	SW846-6010	mg/L	0.148	0.005	0.043	0.005
Mercury	SW846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Metals, Priority Pollutant List Diss.	SW846-6010	mg/L	---	---	---	---
Antimony			Not detected	0.008	Not detected	0.008
Arsenic			Not detected	0.010	Not detected	0.010
Beryllium			Not detected	0.001	Not detected	0.001
Cadmium			Not detected	0.003	Not detected	0.003
Chromium			Not detected	0.005	Not detected	0.005
Copper			Not detected	0.006	Not detected	0.006
Lead			Not detected	0.003	Not detected	0.003
Nickel			Not detected	0.009	Not detected	0.009
Selenium			Not detected	0.010	Not detected	0.010
Silver			Not detected	0.003	Not detected	0.003
Thallium			Not detected	0.010	Not detected	0.010
Zinc			0.006	0.006	0.008	0.006

YORK

Client Sample ID			MW-16		MW-8	
York Sample ID			09100052-03		09100052-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Barium, Dissolved	SW846-6010	mg/L	0.088	0.010	0.034	0.010
Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Manganese, Dissolved	SW846-6010	mg/L	0.009	0.005	0.006	0.005
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/L	---	---	---	---
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichlorotrifluoroethane (Freon 113)			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-Chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane (ethylene dibromide)			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (cis-)			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene(trans-)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
2-Butanone			Not detected	5.0	Not detected	5.0
2-Hexanone			Not detected	5.0	Not detected	5.0
4-Methyl-2-pentanone			Not detected	5.0	Not detected	5.0
Acetone			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon disulfide			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Isopropylbenzene (Cumene)			Not detected	5.0	Not detected	5.0
Methyl tert-butyl Ether (MTBE)			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
Tetrachloroethene			5	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropene			Not detected	5.0	Not detected	5.0
Trichloroethene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Xylenes (total)			Not detected	5.0	Not detected	5.0
VOA Tentatively ID Compounds	SW846-8260	ug/L	Not detected	---	Not detected	---
Cyanide, Total	SM 4500 CN C/E	mg/L	Not detected	0.01	Not detected	0.01

YORK

Client Sample ID			MW-7		MW-5	
York Sample ID			09100052-05		09100052-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/L	---	---	---	---
Acenaphthene			Not detected	5.2	Not detected	5.2
Acenaphthylene			Not detected	5.2	Not detected	5.2
Anthracene			Not detected	5.2	Not detected	5.2
Benzo[a]anthracene			Not detected	5.2	Not detected	5.2
Benzo[a]pyrene			Not detected	5.2	Not detected	5.2
Benzo[b]fluoranthene			Not detected	5.2	Not detected	5.2
Benzo[g,h,i]perylene			Not detected	5.2	Not detected	5.2
Benzo[k]fluoranthene			Not detected	5.2	Not detected	5.2
Chrysene			Not detected	5.2	Not detected	5.2
Dibenz[a,h]anthracene			Not detected	5.2	Not detected	5.2
Fluoranthene			Not detected	5.2	Not detected	5.2
Fluorene			Not detected	5.2	Not detected	5.2
Indeno[1,2,3-cd]pyrene			Not detected	5.2	Not detected	5.2
Naphthalene			Not detected	5.2	Not detected	5.2
Phenanthrene			Not detected	5.2	Not detected	5.2
Pyrene			Not detected	5.2	Not detected	5.2
PCB	SW846-3510C/8082	ug/L	---	---	---	---
PCB 1016			Not detected	0.50	Not detected	0.50
PCB 1221			Not detected	0.50	Not detected	0.50
PCB 1232			Not detected	0.50	Not detected	0.50
PCB 1242			Not detected	0.50	Not detected	0.50
PCB 1248			Not detected	0.50	Not detected	0.50
PCB 1254			Not detected	0.50	Not detected	0.50
PCB 1260			Not detected	0.50	Not detected	0.50
PCB, Total			Not detected	0.50	Not detected	0.50
Metals, Priority Pollutant List	EPA SW846-6010	mg/L	---	---	---	---
Antimony			Not detected	0.006	Not detected	0.006
Arsenic			Not detected	0.004	Not detected	0.004
Beryllium			Not detected	0.0001	Not detected	0.0001
Cadmium			Not detected	0.003	Not detected	0.003
Chromium			Not detected	0.005	Not detected	0.005
Copper			Not detected	0.005	Not detected	0.005
Lead			Not detected	0.003	Not detected	0.003
Nickel			0.005	0.005	0.006	0.005
Selenium			Not detected	0.005	Not detected	0.005
Silver			Not detected	0.005	Not detected	0.005
Thallium			Not detected	0.005	Not detected	0.005
Zinc			0.012	0.005	0.009	0.005
Barium	SW846-6010	mg/L	0.064	0.010	0.067	0.010
Manganese	SW846-6010	mg/L	0.032	0.005	0.045	0.005
Mercury	SW846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Metals, Priority Pollutant List Diss.	SW846-6010	mg/L	---	---	---	---
Antimony			Not detected	0.008	Not detected	0.008
Arsenic			Not detected	0.010	Not detected	0.010
Beryllium			Not detected	0.001	Not detected	0.001
Cadmium			Not detected	0.003	Not detected	0.003
Chromium			Not detected	0.005	Not detected	0.005
Copper			Not detected	0.006	Not detected	0.006

YORK

Client Sample ID			MW-7		MW-5	
York Sample ID			09100052-05		09100052-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Lead			Not detected	0.003	Not detected	0.003
Nickel			Not detected	0.009	Not detected	0.009
Selenium			Not detected	0.010	Not detected	0.010
Silver			Not detected	0.003	Not detected	0.003
Thallium			Not detected	0.010	Not detected	0.010
Zinc			0.012	0.006	0.008	0.006
Barium, Dissolved	SW846-6010	mg/L	0.049	0.010	0.058	0.010
Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Manganese, Dissolved	SW846-6010	mg/L	Not detected	0.005	0.006	0.005
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/L	---	---	---	---
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichlorotrifluoroethane (Freon 113)			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-Chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane (ethylene dibromide)			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (cis-)			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene(trans-)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
2-Butanone			Not detected	5.0	Not detected	5.0
2-Hexanone			Not detected	5.0	Not detected	5.0
4-Methyl-2-pentanone			Not detected	5.0	Not detected	5.0
Acetone			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon disulfide			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Isopropylbenzene (Cumene)			Not detected	5.0	Not detected	5.0
Methyl tert-butyl Ether (MTBE)			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
Tetrachloroethene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropene			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			MW-7		MW-5	
York Sample ID			09100052-05		09100052-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Trichloroethene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Xylenes (total)			Not detected	5.0	Not detected	5.0
VOA Tentatively ID Compounds	SW846-8260	ug/L	Not detected	---	Not detected	---
Cyanide, Total	SM 4500 CN C/E	mg/L	Not detected	0.01	Not detected	0.01

Client Sample ID			MW-4		MW-3	
York Sample ID			09100052-07		09100052-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/L	---	---	---	---
Acenaphthene			Not detected	5.2	Not detected	5.2
Acenaphthylene			Not detected	5.2	Not detected	5.2
Anthracene			Not detected	5.2	Not detected	5.2
Benzo[a]anthracene			Not detected	5.2	Not detected	5.2
Benzo[a]pyrene			Not detected	5.2	Not detected	5.2
Benzo[b]fluoranthene			Not detected	5.2	Not detected	5.2
Benzo[g,h,I]perylene			Not detected	5.2	Not detected	5.2
Benzo[k]fluoranthene			Not detected	5.2	Not detected	5.2
Chrysene			Not detected	5.2	Not detected	5.2
Dibenz[a,h]anthracene			Not detected	5.2	Not detected	5.2
Fluoranthene			Not detected	5.2	Not detected	5.2
Fluorene			Not detected	5.2	Not detected	5.2
Indeno[1,2,3-cd]pyrene			Not detected	5.2	Not detected	5.2
Naphthalene			Not detected	5.2	Not detected	5.2
Phenanthrene			Not detected	5.2	Not detected	5.2
Pyrene			Not detected	5.2	Not detected	5.2
PCB	SW846-3510C/8082	ug/L	---	---	---	---
PCB 1016			Not detected	0.50	Not detected	0.50
PCB 1221			Not detected	0.50	Not detected	0.50
PCB 1232			Not detected	0.50	Not detected	0.50
PCB 1242			Not detected	0.50	Not detected	0.50
PCB 1248			Not detected	0.50	Not detected	0.50
PCB 1254			Not detected	0.50	Not detected	0.50
PCB 1260			Not detected	0.50	Not detected	0.50
PCB, Total			Not detected	0.50	Not detected	0.50
Metals, Priority Pollutant List	EPA SW846-6010	mg/L	---	---	---	---
Antimony			Not detected	0.006	Not detected	0.006
Arsenic			Not detected	0.004	Not detected	0.004
Beryllium			Not detected	0.0001	Not detected	0.0001
Cadmium			Not detected	0.003	Not detected	0.003
Chromium			Not detected	0.005	0.030	0.005
Copper			Not detected	0.005	Not detected	0.005
Lead			Not detected	0.003	Not detected	0.003
Nickel			Not detected	0.005	Not detected	0.005
Selenium			Not detected	0.005	Not detected	0.005
Silver			Not detected	0.005	Not detected	0.005

YORK

Client Sample ID			MW-4		MW-3	
York Sample ID			09100052-07		09100052-08	
Matrix			WATER		WATER	
Parameter	**Method**	**Units**	**Results**	**MDL**	**Results**	**MDL**
Thallium			Not detected	0.005	Not detected	0.005
Zinc			0.010	0.005	0.008	0.005
Barium	SW846-6010	mg/L	Not detected	0.010	0.159	0.010
Manganese	SW846-6010	mg/L	0.026	0.005	0.024	0.005
Mercury	SW846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Metals, Priority Pollutant List Diss.	SW846-6010	mg/L	---	---	---	---
Antimony			Not detected	0.008	Not detected	0.008
Arsenic			Not detected	0.010	Not detected	0.010
Beryllium			Not detected	0.001	Not detected	0.001
Cadmium			Not detected	0.003	Not detected	0.003
Chromium			Not detected	0.005	0.027	0.005
Copper			Not detected	0.006	Not detected	0.006
Lead			Not detected	0.003	Not detected	0.003
Nickel			Not detected	0.009	Not detected	0.009
Selenium			Not detected	0.010	Not detected	0.010
Silver			Not detected	0.003	Not detected	0.003
Thallium			Not detected	0.010	Not detected	0.010
Zinc			0.010	0.006	0.008	0.006
Barium, Dissolved	SW846-6010	mg/L	Not detected	0.010	0.152	0.010
Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0.0002	Not detected	0.0002
Manganese, Dissolved	SW846-6010	mg/L	Not detected	0.005	Not detected	0.005
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/L	---	---	---	---
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichlorotrifluoroethane (Freon 113)			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-Chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane (ethylene dibromide)			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (cis-)			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene(trans-)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
2-Butanone			Not detected	5.0	Not detected	5.0
2-Hexanone			Not detected	5.0	Not detected	5.0
4-Methyl-2-pentanone			Not detected	5.0	Not detected	5.0
Acetone			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon disulfide			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			MW-4		MW-3	
York Sample ID			09100052-07		09100052-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Isopropylbenzene (Cumene)			Not detected	5.0	Not detected	5.0
Methyl tert-butyl Ether (MTBE)			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
Tetrachloroethene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropene			Not detected	5.0	Not detected	5.0
Trichloroethene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Xylenes (total)			Not detected	5.0	Not detected	5.0
VOA Tentatively ID Compounds	SW846-8260	ug/L	Not detected	---	Not detected	---
Cyanide, Total	SM 4500 CN C/E	mg/L	Not detected	0.01	Not detected	0.01

Client Sample ID			MW-6	
York Sample ID			09100052-09	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/L	---	---
Acenaphthene			Not detected	5.2
Acenaphthylene			Not detected	5.2
Anthracene			Not detected	5.2
Benzo[a]anthracene			Not detected	5.2
Benzo[a]pyrene			Not detected	5.2
Benzo[b]fluoranthene			Not detected	5.2
Benzo[g,h,i]perylene			Not detected	5.2
Benzo[k]fluoranthene			Not detected	5.2
Chrysene			Not detected	5.2
Dibenz[a,h]anthracene			Not detected	5.2
Fluoranthene			Not detected	5.2
Fluorene			Not detected	5.2
Indeno[1,2,3-cd]pyrene			Not detected	5.2
Naphthalene			Not detected	5.2
Phenanthrene			Not detected	5.2
Pyrene			Not detected	5.2
PCB	SW846-3510C/8082	ug/L	---	---
PCB 1016			Not detected	0.50
PCB 1221			Not detected	0.50
PCB 1232			Not detected	0.50
PCB 1242			Not detected	0.50
PCB 1248			Not detected	0.50
PCB 1254			Not detected	0.50
PCB 1260			Not detected	0.50
PCB, Total			Not detected	0.50

YORK

Client Sample ID			MW-6	
York Sample ID			09100052-09	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Metals, Priority Pollutant List	EPA SW846-6010	mg/L	---	---
Antimony			Not detected	0.006
Arsenic			0.008	0.004
Beryllium			Not detected	0.0001
Cadmium			Not detected	0.003
Chromium			Not detected	0.005
Copper			0.007	0.005
Lead			Not detected	0.003
Nickel			Not detected	0.005
Selenium			Not detected	0.005
Silver			Not detected	0.005
Thallium			Not detected	0.005
Zinc			0.010	0.005
Barium	SW846-6010	mg/L	0.175	0.010
Manganese	SW846-6010	mg/L	0.061	0.005
Mercury	SW846-7470	mg/L	Not detected	0.0002
Metals, Priority Pollutant List Diss.	SW846-6010	mg/L	---	---
Antimony			Not detected	0.008
Arsenic			Not detected	0.010
Beryllium			Not detected	0.001
Cadmium			Not detected	0.003
Chromium			Not detected	0.005
Copper			0.006	0.006
Lead			Not detected	0.003
Nickel			Not detected	0.009
Selenium			Not detected	0.010
Silver			Not detected	0.003
Thallium			Not detected	0.010
Zinc			0.008	0.006
Barium, Dissolved	SW846-6010	mg/L	0.152	0.010
Manganese, Dissolved	SW846-6010	mg/L	0.058	0.005
Mercury, Dissolved	SW-846-7470	mg/L	Not detected	0.0002
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/L	---	---
1,1,1-Trichloroethane			Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0
1,1,2-Trichlorotrifluoroethane (Freon 113)			Not detected	5.0
1,1-Dichloroethane			Not detected	5.0
1,1-Dichloroethene			Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0
1,2-Dibromo-3-Chloropropane			Not detected	5.0
1,2-Dibromoethane (ethylene dibromide)			Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,2-Dichloroethylene (cis-)			Not detected	5.0
1,2-Dichloroethylene(trans-)			Not detected	5.0
1,2-Dichloropropane			Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0
2-Butanone			Not detected	5.0
2-Hexanone			Not detected	5.0

YORK

Client Sample ID			MW-6	
York Sample ID			09100052-09	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
4-Methyl-2-pentanone			Not detected	5.0
Acetone			Not detected	5.0
Benzene			Not detected	5.0
Bromodichloromethane			Not detected	5.0
Bromoform			Not detected	5.0
Bromomethane			Not detected	5.0
Carbon disulfide			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroethane			Not detected	5.0
Chloroform			Not detected	5.0
Chloromethane			Not detected	5.0
cis-1,3-Dichloropropene			Not detected	5.0
Dibromochloromethane			Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0
Ethylbenzene			Not detected	5.0
Isopropylbenzene (Cumene)			21	5.0
Methyl tert-butyl Ether (MTBE)			Not detected	5.0
Methylene chloride			Not detected	5.0
Styrene			Not detected	5.0
Tetrachloroethene			Not detected	5.0
Toluene			Not detected	5.0
trans-1,3-Dichloropropene			Not detected	5.0
Trichloroethene			Not detected	5.0
Trichlorofluoromethane			Not detected	5.0
Vinyl chloride			Not detected	5.0
Xylenes (total)			Not detected	5.0
VOA Tentatively ID Compounds	SW846-8260	ug/L	---	---
n-Butylbenzene			6	
1,2,4,5-Tetramethylbenzene			25	
1,2,4-Trimethylbenzene			23	
Diethyl Benzene isomer			37	
Dihydro Methyl Indene isomers			48	
Ethyl Dimethyl Benzene isomer			35	
Methyl Indan isomer			25	
n-Propylbenzene			50	
p-Diethylbenzene			7	
p-Ethyltoluene			25	
sec-Butylbenzene			8	
Tetramethyl Benzene isomer			16	
Trimethyl Pentane isomer			10	
Cyanide, Total	SM 4500 CN C/E	mg/L	Not detected	0.01

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

YORK

Notes for York Project No. 09100052

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

Approved By: Robert Q. Bradley
Managing Director

Date: 10/5/2009

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AE33393 05-Oct-09

Client: Apex Companies, LLC

Analysis Name: ***Base Neutral fraction QC*** **Batch Name:** $BNW-36019 **QA Sample #:** AE33393

Unit of Measure: ug/L **York's Sample ID:** 09100052-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
1,4-Dichlorobenzene	54	Not detected	Not detected	100	33	**33.0**	43	**43.000**	**26.3**
2,4-Dinitrotoluene	80	Not detected	Not detected	100	49	**49.0**	62	**62.000**	**23.4**
Acenapthene	66	Not detected	Not detected	100	39	**39.0**	45	**45.000**	**14.3**
N-Nitroso-di-n-propy	64	Not detected	Not detected	100	43	**43.0**	56	**56.000**	**26.3**
Pyrene	64	Not detected	Not detected	100	41	**41.0**	45	**45.000**	**9.3**
1,2,4-Trichlorobenze	62	Not detected	Not detected	100	37	**37.0**	46	**46.000**	**21.7**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AE33393 05-Oct-09

Client: Apex Companies, LLC

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTAQ-36020 **QA Sample #:** AE33393

Unit of Measure: ppm **York's Sample ID:** 09100052-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
Arsenic	91.5	Not detected	Not detected	2.00	2.00	**100.000**	Not detected		
Copper	99.8	0.007	Not detected	0.250	0.268	**104.400**	0.007		**0.000**
Chromium	94.4	Not detected	Not detected	0.200	0.193	**96.500**	Not detected		
Cadmium	93.6	Not detected	Not detected	0.050	0.051	**102.000**	Not detected		
Lead	95.4	Not detected	Not detected	0.500	0.489	**97.800**	Not detected		
Barium	100	0.041	Not detected	2.00	2.11	**103.450**	0.041		**0.000**
Antimony	105	Not detected	Not detected	0.250	0.244	**97.600**	Not detected		
Beryllium	93.0	Not detected	Not detected	0.050	0.050	**100.000**	Not detected		
Zinc	96.0	0.009	Not detected	0.500	0.534	**105.000**	0.010		**10.526**
Thallium	94.1	Not detected	Not detected	2.00	1.99	**99.500**	Not detected		
Silver	90.1	Not detected	Not detected	0.050	0.042	**84.000**	Not detected		
Selenium	89.0	Not detected	Not detected	2.00	1.79	**89.500**	Not detected		
Nickel	97.6	Not detected	Not detected	0.500	0.504	**100.800**	Not detected		
Manganese	100	0.009	Not detected	0.500	0.515	**101.200**	0.010		**10.526**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AE33393 — 05-Oct-09

Client: Apex Companies, LLC

Analysis Name: *VOA QC WATERS* — **Batch Name:** $VOAW-36021 — **QA Sample #:** AE33393

Unit of Measure: ug/L — **York's Sample ID:** 09100052-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Benzene	93	Not detected	Not detected	50	43	**86.0**	46	**92.0**	**6.7**
Chlorobenzene	107	Not detected	Not detected	50	51	**102.0**	52	**104.0**	**1.9**
Toluene	102	Not detected	Not detected	50	48	**96.0**	51	**102.0**	**6.1**
Trichloroethylene	101	Not detected	Not detected	50	50	**100.0**	51	**102.0**	**2.0**
1,1-Dichloroethylene	98	Not detected	Not detected	50	48	**96.0**	49	**98.0**	**2.1**

Associated Samples: AE33393 — 05-Oct-09

Client: Apex Companies, LLC

Analysis Name: *Cyanide, Total* — **Batch Name:** CNT_W-36022 — **QA Sample #:** AE33393

Unit of Measure: mg/L — **York's Sample ID:** 09100052-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
CNT_W	85.0	Not detected	Not detected	0.20	0.17	**85.0**	Not detected		**0.0**

Associated Samples: AE33393 — 05-Oct-09

Client: Apex Companies, LLC

Analysis Name: *Mercury* — **Batch Name:** HG_W-36023 — **QA Sample #:** AE33393

Unit of Measure: mg/L — **York's Sample ID:** 09100052-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HG_W	95.6	Not detected	Not detected	0.0030	0.0031	**105**	Not detected		**0**

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AE33393 05-Oct-09

Client: Apex Companies, LLC

Analysis Name: ***PCB in Unspiked sample water-QC*** **Batch Name:** PCBW-36086 **QA Sample #:** AE33393

Unit of Measure: ppb **York's Sample ID:** 09100052-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
PCBW	86.0	Not detected	Not detected	20.0	17.2	**86.0**	16.5	**82.5**	**4.2**

YORK

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 09100052

Client Information	Report To:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverbles
Company: Equity One	Company: Apex	Company: Apex	85157.001	24 hr ____	Summary ____ QA/QC Summary ✓ Results Only
Address: ____	Address: 120 Bohemia, New York 11716	Address: 11	Purchase Order No.	48 hr ✓	RCP Package ____ ASP B Pkg ____
Phone No. ____	Phone No. 631-567-1777	Phone No. ____		72 hr ____	ASP A Pkg ____ Excel format ✓
Contact Person: ____	Attention: Dan Smith dsmith@apexcos.com	Attention: ____		5 Day ____	EDD ____ OTHER ____
E-Mail Address: ____	E-Mail Address: ____	E-Mail Address: ____		Standard ____	

Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Robert M. Bennett
Samples Collected/Authorized By (Signature)

Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Cu, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Ti, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ✓

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below							Container Description(s)
MW-9	9/30-10/1/09	GW	TCL VOCs, MTBE, Freon, non TCL VOCs as TICs	STARS SVOCs		PP Metals, Total Metals, Dissolved Metals, Barium and Manganese			Total Cyanide	(2) 40ml vials with HCl for VOCs
MW-17	↓	↓	↓	↓		↓			↓	(2) 1 liter ambers with no preserv. for SVOCs and PCBs
MW-16										(1) 250ml with no preserv. for dissolved metals
MW-8										(1) 250ml with nitric acid for metals
MW-7										(1) 250ml with NaOH for Cyanide
MW-5										
MW-4										
MW-3										
MW-6	↓	↓	↓	↓		↓			↓	↓

Preservation Check those Applicable									
4°C	Frozen	4°C	4°C	HNO3	4°C	4°C	4°C	H_2SO_4	NaOH
HCl	MeOH	•	•	4°C	H_2SO_4	Other	ZnAc	Ascorbic	Other

Comments

Samples Relinquished By — Date/Time: 10/1/09 3:15pm
Samples Relinquished By — Date/Time:
Samples Received By — Date/Time: 10/1/09 3:14 PM
Samples Received in LAB by — Date/Time: 10/1/09-1810

Temperature on Receipt 3.7 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Apex Companies, LLC
120-D Wilbur Place
Bohemia, NY 11716
Attention: Jeff Makowski

Report Date: 10/19/2009
Re: Client Project ID: 85157
York Project No.: 09100668

CT License No. PH-0723 New Jersey License No. CT-005 New York License No. 10854 PA Reg. 68-04440

Report Date: 10/19/2009
Client Project ID: 85157
York Project No.: 09100668

Apex Companies, LLC
120-D Wilbur Place
Bohemia, NY 11716
Attention: Jeff Makowski

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 10/15/09. The project was identified as your project "85157".

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

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

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

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

Analysis Results

Client Sample ID			**S-7**	
York Sample ID			**09100668-01**	
Matrix			**SOIL**	
Parameter	**Method**	**Units**	**Results**	**MDL**
Semi-Volatiles, STARS List	SW846-8270	ug/kG	---	---
Acenaphthene			Not detected	1650
Acenaphthylene			Not detected	1650
Anthracene			Not detected	1650
Benzo[a]anthracene			Not detected	1650
Benzo[a]pyrene			Not detected	1650
Benzo[b]fluoranthene			Not detected	1650
Benzo[g,h,i]perylene			Not detected	1650
Benzo[k]fluoranthene			Not detected	1650
Chrysene			Not detected	1650
Dibenz[a,h]anthracene			Not detected	1650
Fluoranthene			Not detected	1650
Fluorene			Not detected	1650
Indeno[1,2,3-cd]pyrene			Not detected	1650
Naphthalene			Not detected	1650
Phenanthrene			Not detected	1650
Pyrene			Not detected	1650

YORK

Client Sample ID			S-7	
York Sample ID			09100668-01	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
PCB	SW846-3550B/8082	mg/Kg	---	---
PCB 1016			Not detected	0.017
PCB 1221			Not detected	0.017
PCB 1232			Not detected	0.017
PCB 1242			Not detected	0.017
PCB 1248			Not detected	0.017
PCB 1254			Not detected	0.017
PCB 1260			Not detected	0.017
Metals, Priority Pollutant List	EPA SW846-6010	mg/kG	---	---
Antimony			Not detected	0.80
Arsenic			1.15	1.00
Beryllium			Not detected	0.10
Cadmium			0.49	0.30
Chromium			6.89	0.50
Copper			5.25	0.60
Lead			1.34	0.30
Nickel			5.26	0.90
Selenium			Not detected	1.00
Silver			Not detected	0.30
Thallium			Not detected	1.00
Zinc			74.1	0.60
Mercury	SW846-7471	mg/kG	Not detected	0.101
Barium	SW846-6010	mg/kG	9.73	1.0
Manganese	SW846-6010	mg/kG	83.8	5.00
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/kG	---	---
1,1,1-Trichloroethane			Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10
1,1,2-Trichloroethane			Not detected	10
1,1,2-Trichlorotrifluoroethane (Freon 113)			Not detected	10
1,1-Dichloroethane			Not detected	10
1,1-Dichloroethene			Not detected	10
1,2,4-Trichlorobenzene			Not detected	10
1,2-Dibromo-3-Chloropropane			Not detected	10
1,2-Dibromoethane (ethylene dibromide)			Not detected	10
1,2-Dichlorobenzene			Not detected	10
1,2-Dichloroethane			Not detected	10
1,2-Dichloroethylene (cis-)			Not detected	10
1,2-Dichloroethylene(trans-)			Not detected	10
1,2-Dichloropropane			Not detected	10
1,3-Dichlorobenzene			Not detected	10
1,4-Dichlorobenzene			Not detected	10
2-Butanone			Not detected	10
2-Hexanone			13	10
4-Methyl-2-pentanone			Not detected	10
Acetone			Not detected	10
Benzene			Not detected	10
Bromodichloromethane			Not detected	10
Bromoform			Not detected	10
Bromomethane			Not detected	10
Carbon disulfide			Not detected	10
Carbon tetrachloride			Not detected	10

YORK

Client Sample ID			S-7	
York Sample ID			09100668-01	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Chlorobenzene			Not detected	10
Chloroethane			Not detected	10
Chloroform			Not detected	10
Chloromethane			Not detected	10
cis-1,3-Dichloropropene			Not detected	10
Dibromochloromethane			Not detected	10
Dichlorodifluoromethane			Not detected	10
Ethylbenzene			39	10
Isopropylbenzene (Cumene)			Not detected	10
Methyl tert-butyl Ether (MTBE)			Not detected	10
Methylene chloride			Not detected	10
Styrene			Not detected	10
Tetrachloroethene			Not detected	10
Toluene			Not detected	10
trans-1,3-Dichloropropene			Not detected	10
Trichloroethene			Not detected	10
Trichlorofluoromethane			Not detected	10
Vinyl chloride			Not detected	10
Xylenes (total)			116	10
VOA Tentatively ID Compounds	SW846-8260	ug/kg	---	---
Decane			49	
Dimethyl Ether			16	
Methyl Cyclopentane			14	
Trimethyl Pentane isomer			13	
Undecane			13	
Total Solids	SM 2540B	%	98.7	1.0

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

Notes for York Project No. 09100668

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

Approved By: Robert Q. Bradley
Managing Director

Date: 10/19/2009

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AE35524 — 19-Oct-09

Client: Apex Companies, LLC

Analysis Name: ***Base Neutral fraction QC*** **Batch Name:** $BNS-36321 **QA Sample #:** AE35524

Unit of Measure: ug/kg **York's Sample ID:** 09100668-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
1,4-Dichlorobenzene	62	Not detected	Not detected	50	32	**64.0**	32	**64.000**	**0.0**
2,4-Dinitrotoluene	60	Not detected	Not detected	50	32	**64.0**	30	**60.000**	**6.5**
Acenapthene	62	Not detected	Not detected	50	35	**70.0**	29	**58.000**	**18.8**
N-Nitroso-di-n-propy	60	Not detected	Not detected	50	30	**60.0**	30	**60.000**	**0.0**
Pyrene	66	Not detected	Not detected	50	30	**60.0**	31	**62.000**	**3.3**
1,2,4-Trichlorobenze	64	Not detected	Not detected	50	32	**64.0**	28	**56.000**	**13.3**

Associated Samples: AE35524 — 19-Oct-09

Client: Apex Companies, LLC

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTS-36322 **QA Sample #:** AE35524

Unit of Measure: ppm **York's Sample ID:** 09100668-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Antimony	84.9	Not detected	Not detected	25.0	26.7	**106.80**	Not detected		
Copper	117	2.71	Not detected	25.0	28.4	**102.76**	2.25		**18.55**
Chromium	96.0	1.42	Not detected	20.0	22.2	**103.900**	1.41		**0.707**
Cadmium	95.4	Not detected	Not detected	5.0	5.14	**102.800**	Not detected		
Beryllium	96.3	Not detected	Not detected	5.0	4.94	**98.800**	Not detected		
Arsenic	93.8	Not detected	Not detected	200	192	**96.00**	Not detected		
Barium	94.2	2.56	Not detected	200	207	**102.22**	2.53		**1.18**
Thallium	90.2	Not detected	Not detected	200	179	**89.50**	Not detected		
Lead	90.1	0.72	Not detected	50.0	47.0	**92.56**	0.69		**4.26**
Silver	87.8	Not detected	Not detected	5.0	4.39	**87.80**	Not detected		
Selenium	98.0	Not detected	Not detected	200	168	**84.00**	Not detected		
Nickel	105	1.09	Not detected	50.0	49.7	**97.22**	1.07		**1.85**
Manganese	93.2	24.5	Not detected	50.0	74.8	**100.60**	24.4		**0.41**
Zinc	93.1	3.21	Not detected	50.0	53.2	**99.98**	3.03		**5.77**

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AE35524 — 19-Oct-09

Client: Apex Companies, LLC

Analysis Name: *VOA QC Soils* — **Batch Name:** $VOAS-36323 — **QA Sample #:** AE35524

Unit of Measure: ug/kg — **York's Sample ID:** 09100668-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
1,1-Dichloroethylene	101	Not detected	Not detected	50	50	**100.0**	52	**104.0**	**3.9**
Benzene	87	Not detected	Not detected	50	43	**86.0**	45	**90.0**	**4.5**
Chlorobenzene	102	Not detected	Not detected	50	51	**102.0**	53	**106.0**	**3.8**
Toluene	104	Not detected	Not detected	50	53	**106.0**	54	**108.0**	**1.9**
Trichloroethylene	114	Not detected	Not detected	50	58	**116.0**	60	**120.0**	**3.4**

Associated Samples: AE35524 — 19-Oct-09

Client: Apex Companies, LLC

Analysis Name: *Mercury* — **Batch Name:** HG_S-36324 — **QA Sample #:** AE35524

Unit of Measure: mg/kG — **York's Sample ID:** 09100668-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
HG_S	102	Not detected	Not detected	1.50	1.48	**99.0**	Not detected		**0**

Associated Samples: AE35524 — 19-Oct-09

Client: Apex Companies, LLC

Analysis Name: *PCB 1254 in unspiked soil sample* — **Batch Name:** PCBS-36325 — **QA Sample #:** AE35524

Unit of Measure: ppm — **York's Sample ID:** 09100668-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
PCBS	95.7	Not detected	Not detected	0.67	0.84	**125.9**	0.72	**107.9**	**15.4**

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YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Page 1 of 1

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 09100668

Client Information	Report To:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverbles
Company:	Company: Apex Companies	Company: Apex	85157	24 hr	Summary Results Only / QA/QC Summary
Address:	Address: 120-D Wilbur Pl. Bohemia N.Y. 11716	Address: 120-D Wilbur Pl. Bohemia N.Y. 11716	Purchase Order No.	48 hr ✓	RCP Package / ASP B Pkg
Phone No.	Phone No. 631-567-1777	Phone No. 631-567-1777		72 hr	ASP A Pkg / Excel format ✓
Contact Person:	Attention: Jeff Makowski jmakowski@apexcos.com	Attention: Dan Smyth dsmith@apexcos.com		5 Day	EDD / OTHER
E-Mail Address:	E-Mail Address:	E-Mail Address:		Standard	

Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Rob Bennett
Name (printed)

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom. Freon 113	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

* please send results to jmakowski@apexcos.com as soon as possible.

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
S-7	10/14/2009	S	TCL VOCs, MTBE, Freon 113, TICs / STARS SVOCs / PCBs / PP 13 Metals, Ba and Mn / ✓ / ✓	(1) 8oz jar for STARS SVOCs, PCB, PP 13 Metals and Mn and Ba (1) 4oz jar for TCL VOCs, MTBE, Freon 113, TICs.

Comments

Preservation Check those Applicable: 4°C ___ Frozen ___ HCl ___ MeOH ___ | 4°C ___ | 4°C ___ | HNO_3 ___ 4°C ___ | 4°C ___ H_2SO_4 ___ | 4°C ___ Other ___ | 4°C ___ H_2SO_4 ___ ZnAc ___ Ascorbic ___ NaOH ___ Other ___

Samples Relinquished By — Date/Time: 10/15/2009 1340

Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 10/15/09 1:45PM

Samples Received in LAB by — Date/Time: 10/15/09-1640

Temperature on Receipt 3.7 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Apex Companies, LLC
120-D Wilbur Place
Bohemia, NY 11716
Attention: Jeff Mackowski

Report Date: 10/15/2009
Re: Client Project ID: 85157
York Project No.: 09100555

CT License No. PH-0723 New Jersey License No. CT-005 New York License No. 10854 PA Reg. 68-04440

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

Report Date: 10/15/2009
Client Project ID: 85157
York Project No.: 09100555

Apex Companies, LLC
120-D Wilbur Place
Bohemia, NY 11716
Attention: Jeff Mackowski

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 10/13/09. The project was identified as your project "85157".

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

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

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

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

Analysis Results

Client Sample ID			LP-1		LP-4	
York Sample ID			09100555-01		09100555-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/kG	---	---	---	---
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzo[a]anthracene			Not detected	165	200	165
Benzo[a]pyrene			Not detected	165	230	165
Benzo[b]fluoranthene			Not detected	165	430	165
Benzo[g,h,i]perylene			Not detected	165	Not detected	165
Benzo[k]fluoranthene			Not detected	165	520	165
Chrysene			Not detected	165	240	165
Dibenz[a,h]anthracene			Not detected	165	Not detected	165
Fluoranthene			250	165	380	165
Fluorene			Not detected	165	Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			210	165	290	165

YORK

Client Sample ID			LP-1		LP-4	
York Sample ID			09100555-01		09100555-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			Not detected	0.017	0.26	0.017
PCB 1260			0.03	0.017	0.07	0.017
Metals, Priority Pollutant List	EPA SW846-6010	mg/kG	---	---	---	---
Antimony			Not detected	0.80	Not detected	0.80
Arsenic			1.70	1.00	1.91	1.00
Beryllium			Not detected	0.10	Not detected	0.10
Cadmium			0.54	0.30	0.64	0.30
Chromium			8.02	0.50	7.01	0.50
Copper			26.2	0.60	14.4	0.60
Lead			9.31	0.30	6.50	0.30
Nickel			6.74	0.90	7.17	0.90
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	0.30	Not detected	0.30
Thallium			Not detected	1.00	Not detected	1.00
Zinc			38.0	0.60	153	0.60
Barium	SW846-6010	mg/kG	10.7	1.0	14.9	1.0
Manganese	SW846-6010	mg/kG	37.7	5.00	48.6	5.00
Mercury	SW846-7471	mg/kG	Not detected	0.105	Not detected	0.106
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/kG	---	---	---	---
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1,2-Trichlorotrifluoroethane (Freon 113)			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethene			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-Chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane (ethylene dibromide)			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (cis-)			Not detected	10	Not detected	10
1,2-Dichloroethylene(trans-)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
2-Butanone			Not detected	10	Not detected	10
2-Hexanone			Not detected	10	Not detected	10
4-Methyl-2-pentanone			Not detected	10	Not detected	10
Acetone			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon disulfide			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10

YORK

Client Sample ID			LP-1		LP-4	
York Sample ID			09100555-01		09100555-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene (Cumene)			Not detected	10	Not detected	10
Methyl tert-butyl Ether (MTBE)			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
Tetrachloroethene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropene			Not detected	10	Not detected	10
Trichloroethene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
Xylenes (total)			Not detected	10	Not detected	10
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected	---	Not detected	---
Total Solids	SM 2540B	%	95.3	1.0	93.9	1.0

Client Sample ID			SS-1		SS-2	
York Sample ID			09100555-03		09100555-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/kG	---	---	---	---
Acenaphthene			Not detected	165	Not detected	825
Acenaphthylene			Not detected	165	Not detected	825
Anthracene			Not detected	165	Not detected	825
Benzo[a]anthracene			Not detected	165	1100	825
Benzo[a]pyrene			Not detected	165	Not detected	825
Benzo[b]fluoranthene			Not detected	165	1200	825
Benzo[g,h,i]perylene			Not detected	165	Not detected	825
Benzo[k]fluoranthene			Not detected	165	1400	825
Chrysene			Not detected	165	1600	825
Dibenz[a,h]anthracene			Not detected	165	Not detected	825
Fluoranthene			Not detected	165	2900	825
Fluorene			Not detected	165	Not detected	825
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	825
Naphthalene			Not detected	165	Not detected	825
Phenanthrene			Not detected	165	1200	825
Pyrene			Not detected	165	2100	825
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017

YORK

Client Sample ID			SS-1		SS-2	
York Sample ID			09100555-03		09100555-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB 1254			Not detected	0.017	Not detected	0.017
PCB 1260			0.07	0.017	0.06	0.017
Metals, Priority Pollutant List	EPA SW846-6010	mg/kG	---	---	---	---
Antimony			Not detected	0.80	Not detected	0.80
Arsenic			2.46	1.00	5.46	1.00
Beryllium			Not detected	0.10	Not detected	0.10
Cadmium			0.63	0.30	1.45	0.30
Chromium			10.6	0.50	19.9	0.50
Copper			10.9	0.60	18.5	0.60
Lead			15.6	0.30	65.8	0.30
Nickel			7.17	0.90	11.2	0.90
Selenium			Not detected	1.00	1.56	1.00
Silver			Not detected	0.30	Not detected	0.30
Thallium			Not detected	1.00	Not detected	1.00
Zinc			20.7	0.60	44.6	0.60
Barium	SW846-6010	mg/kG	27.9	1.0	28.2	1.0
Manganese	SW846-6010	mg/kG	62.0	5.00	154	5.00
Mercury	SW846-7471	mg/kG	Not detected	0.115	Not detected	0.112
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/kG	---	---	---	---
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1,2-Trichlorotrifluoroethane (Freon 113)			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethene			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-Chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane (ethylene dibromide)			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (cis-)			Not detected	10	Not detected	10
1,2-Dichloroethylene(trans-)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
2-Butanone			Not detected	10	Not detected	10
2-Hexanone			Not detected	10	Not detected	10
4-Methyl-2-pentanone			Not detected	10	Not detected	10
Acetone			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon disulfide			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10

YORK

Client Sample ID			SS-1		SS-2	
York Sample ID			09100555-03		09100555-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene (Cumene)			Not detected	10	Not detected	10
Methyl tert-butyl Ether (MTBE)			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
Tetrachloroethene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropene			Not detected	10	Not detected	10
Trichloroethene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
Xylenes (total)			Not detected	10	Not detected	10
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected	---	Not detected	---
Total Solids	SM 2540B	%	87.2	1.0	89.5	1.0

Client Sample ID			LP-9		LP-14	
York Sample ID			09100555-05		09100555-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/kG	---	---	---	---
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzo[a]anthracene			Not detected	165	Not detected	165
Benzo[a]pyrene			Not detected	165	Not detected	165
Benzo[b]fluoranthene			Not detected	165	Not detected	165
Benzo[g,h,i]perylene			Not detected	165	Not detected	165
Benzo[k]fluoranthene			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz[a,h]anthracene			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			0.04	0.017	0.13	0.017
PCB 1260			Not detected	0.017	0.04	0.017
Metals, Priority Pollutant List	EPA SW846-6010	mg/kG	---	---	---	---
Antimony			Not detected	0.80	Not detected	0.80
Arsenic			Not detected	1.00	Not detected	1.00
Beryllium			Not detected	0.10	Not detected	0.10

YORK

Client Sample ID			LP-9		LP-14	
York Sample ID			09100555-05		09100555-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Cadmium			Not detected	0.30	Not detected	0.30
Chromium			3.13	0.50	3.70	0.50
Copper			11.6	0.60	5.58	0.60
Lead			2.75	0.30	2.29	0.30
Nickel			2.55	0.90	2.98	0.90
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	0.30	Not detected	0.30
Thallium			Not detected	1.00	Not detected	1.00
Zinc			29.4	0.60	31.3	0.60
Barium	SW846-6010	mg/kG	5.97	1.0	5.40	1.0
Manganese	SW846-6010	mg/kG	5.57	5.00	10.3	5.00
Mercury	SW846-7471	mg/kG	Not detected	0.103	Not detected	0.104
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/kG	---	---	---	---
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1,2-Trichlorotrifluoroethane (Freon 113)			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethene			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-Chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane (ethylene dibromide)			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (cis-)			Not detected	10	Not detected	10
1,2-Dichloroethylene(trans-)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
2-Butanone			Not detected	10	Not detected	10
2-Hexanone			Not detected	10	Not detected	10
4-Methyl-2-pentanone			Not detected	10	Not detected	10
Acetone			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon disulfide			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene (Cumene)			Not detected	10	Not detected	10
Methyl tert-butyl Ether (MTBE)			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10

Client Sample ID			LP-9		LP-14	
York Sample ID			09100555-05		09100555-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Tetrachloroethene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropene			Not detected	10	Not detected	10
Trichloroethene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
Xylenes (total)			Not detected	10	Not detected	10
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected	---	Not detected	---
Total Solids	SM 2540B	%	97.4	1.0	96.3	1.0

Client Sample ID			LP-15		LP-21	
York Sample ID			09100555-07		09100555-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/kG	---	---	---	---
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzo[a]anthracene			Not detected	165	Not detected	165
Benzo[a]pyrene			Not detected	165	Not detected	165
Benzo[b]fluoranthene			Not detected	165	Not detected	165
Benzo[g,h,i]perylene			Not detected	165	Not detected	165
Benzo[k]fluoranthene			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz[a,h]anthracene			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			0.25	0.017	0.14	0.017
PCB 1260			0.12	0.017	0.18	0.017
Metals, Priority Pollutant List	EPA SW846-6010	mg/kG	---	---	---	---
Antimony			Not detected	0.80	193	8.00
Arsenic			1.11	1.00	Not detected	10.0
Beryllium			Not detected	0.10	Not detected	1.00
Cadmium			0.83	0.30	8.0	3.00
Chromium			5.27	0.50	16400	5.00
Copper			36.5	0.60	2110	6.00
Lead			7.87	0.30	502	3.00
Nickel			3.55	0.90	572	9.00
Selenium			Not detected	1.00	Not detected	10.0

YORK

Client Sample ID			LP-15		LP-21	
York Sample ID			09100555-07		09100555-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Silver			Not detected	0.30	Not detected	3.00
Thallium			Not detected	1.00	Not detected	10.0
Zinc			207	0.60	3380	6.00
Barium	SW846-6010	mg/kG	14.6	1.0	177	10.0
Manganese	SW846-6010	mg/kG	22.2	5.00	44.7	5.0
Mercury	SW846-7471	mg/kG	Not detected	0.106	Not detected	0.345
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/kG	---	---	---	---
1,1,1-Trichloroethane			Not detected	10	Not detected	50
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	50
1,1,2-Trichloroethane			Not detected	10	Not detected	50
1,1,2-Trichlorotrifluoroethane (Freon 113)			Not detected	10	Not detected	50
1,1-Dichloroethane			Not detected	10	Not detected	50
1,1-Dichloroethene			Not detected	10	Not detected	50
1,2,4-Trichlorobenzene			Not detected	10	230	50
1,2-Dibromo-3-Chloropropane			Not detected	10	Not detected	50
1,2-Dibromoethane (ethylene dibromide)			Not detected	10	Not detected	50
1,2-Dichlorobenzene			Not detected	10	Not detected	50
1,2-Dichloroethane			Not detected	10	Not detected	50
1,2-Dichloroethylene (cis-)			Not detected	10	Not detected	50
1,2-Dichloroethylene(trans-)			Not detected	10	Not detected	50
1,2-Dichloropropane			Not detected	10	Not detected	50
1,3-Dichlorobenzene			Not detected	10	Not detected	50
1,4-Dichlorobenzene			Not detected	10	Not detected	50
2-Butanone			Not detected	10	Not detected	50
2-Hexanone			Not detected	10	Not detected	50
4-Methyl-2-pentanone			Not detected	10	Not detected	50
Acetone			Not detected	10	Not detected	50
Benzene			Not detected	10	Not detected	50
Bromodichloromethane			Not detected	10	Not detected	50
Bromoform			Not detected	10	Not detected	50
Bromomethane			Not detected	10	Not detected	50
Carbon disulfide			Not detected	10	Not detected	50
Carbon tetrachloride			Not detected	10	Not detected	50
Chlorobenzene			Not detected	10	Not detected	50
Chloroethane			Not detected	10	Not detected	50
Chloroform			Not detected	10	Not detected	50
Chloromethane			Not detected	10	Not detected	50
cis-1,3-Dichloropropene			Not detected	10	Not detected	50
Dibromochloromethane			Not detected	10	Not detected	50
Dichlorodifluoromethane			Not detected	10	Not detected	50
Ethylbenzene			Not detected	10	Not detected	50
Isopropylbenzene (Cumene)			Not detected	10	Not detected	50
Methyl tert-butyl Ether (MTBE)			Not detected	10	Not detected	50
Methylene chloride			Not detected	10	Not detected	50
Styrene			Not detected	10	Not detected	50
Tetrachloroethene			Not detected	10	75	50
Toluene			Not detected	10	Not detected	50
trans-1,3-Dichloropropene			Not detected	10	Not detected	50
Trichloroethene			Not detected	10	Not detected	50
Trichlorofluoromethane			Not detected	10	Not detected	50
Vinyl chloride			Not detected	10	Not detected	50

YORK

Client Sample ID			LP-15		LP-21	
York Sample ID			09100555-07		09100555-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Xylenes (total)			Not detected	10	Not detected	50
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected	---	Not detected	---
Total Solids	SM 2540B	%	94.2	1.0	29.0	1.0

Client Sample ID			LP-22		LP-23	
York Sample ID			09100555-09		09100555-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/kG	---	---	---	---
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzo[a]anthracene			Not detected	165	360	165
Benzo[a]pyrene			Not detected	165	360	165
Benzo[b]fluoranthene			Not detected	165	270	165
Benzo[g,h,i]perylene			Not detected	165	Not detected	165
Benzo[k]fluoranthene			Not detected	165	320	165
Chrysene			Not detected	165	350	165
Dibenz[a,h]anthracene			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	630	165
Fluorene			Not detected	165	Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	310	165
Pyrene			Not detected	165	480	165
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.170	Not detected	0.017
PCB 1221			Not detected	0.170	Not detected	0.017
PCB 1232			Not detected	0.170	Not detected	0.017
PCB 1242			Not detected	0.170	Not detected	0.017
PCB 1248			Not detected	0.170	Not detected	0.017
PCB 1254			3.02	0.170	0.89	0.017
PCB 1260			1.34	0.170	1.07	0.017
Metals, Priority Pollutant List	EPA SW846-6010	mg/kG	---	---	---	---
Antimony			4.67	0.80	Not detected	0.80
Arsenic			5.12	1.00	1.85	1.00
Beryllium			Not detected	0.10	Not detected	0.10
Cadmium			0.69	0.30	0.84	0.30
Chromium			394	0.50	48.2	0.50
Copper			274	0.60	138	0.60
Lead			29.5	0.30	33.9	0.30
Nickel			18.9	0.90	8.29	0.90
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	0.30	Not detected	0.30
Thallium			Not detected	1.00	Not detected	1.00
Zinc			147	0.60	83.7	0.60
Barium	SW846-6010	mg/kG	46.6	1.0	50.1	1.0
Manganese	SW846-6010	mg/kG	28.9	5.00	165	5.00
Mercury	SW846-7471	mg/kG	Not detected	0.104	Not detected	0.105

YORK

Client Sample ID			LP-22		LP-23	
York Sample ID			09100555-09		09100555-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/kG	---	---	---	---
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1,2-Trichlorotrifluoroethane (Freon 113)			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethene			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-Chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane (ethylene dibromide)			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (cis-)			Not detected	10	Not detected	10
1,2-Dichloroethylene(trans-)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
2-Butanone			Not detected	10	Not detected	10
2-Hexanone			Not detected	10	Not detected	10
4-Methyl-2-pentanone			Not detected	10	Not detected	10
Acetone			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon disulfide			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene (Cumene)			Not detected	10	Not detected	10
Methyl tert-butyl Ether (MTBE)			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
Tetrachloroethene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropene			Not detected	10	Not detected	10
Trichloroethene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
Xylenes (total)			Not detected	10	Not detected	10
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected	---	---	---
1,2,3-Trichlorobenzene					400	
Dimethyl Cyclohexane isomer					100	
Dimethyl Octane isomer					340	
None Found						

YORK

Client Sample ID			LP-22		LP-23	
York Sample ID			09100555-09		09100555-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Propyl Heptane isomer					190	
Trimethyl Hexane isomer					390	
Total Solids	SM 2540B	%	95.9	1.0	95.2	1.0

Client Sample ID			LP-25		LP-24	
York Sample ID			09100555-11		09100555-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/kG	---	---	---	---
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzo[a]anthracene			Not detected	165	Not detected	165
Benzo[a]pyrene			Not detected	165	Not detected	165
Benzo[b]fluoranthene			Not detected	165	Not detected	165
Benzo[g,h,i]perylene			Not detected	165	Not detected	165
Benzo[k]fluoranthene			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz[a,h]anthracene			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.170
PCB 1221			Not detected	0.017	Not detected	0.170
PCB 1232			Not detected	0.017	Not detected	0.170
PCB 1242			Not detected	0.017	Not detected	0.170
PCB 1248			Not detected	0.017	Not detected	0.170
PCB 1254			1.04	0.017	1.63	0.170
PCB 1260			0.53	0.017	2.44	0.170
Metals, Priority Pollutant List	EPA SW846-6010	mg/kG	---	---	---	---
Antimony			Not detected	0.80	Not detected	0.80
Arsenic			3.13	1.00	1.05	1.00
Beryllium			Not detected	0.10	Not detected	0.10
Cadmium			1.58	0.30	0.51	0.30
Chromium			21.2	0.50	26.1	0.50
Copper			39.4	0.60	10.9	0.60
Lead			12.4	0.30	5.87	0.30
Nickel			11.1	0.90	3.69	0.90
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	0.30	Not detected	0.30
Thallium			Not detected	1.00	Not detected	1.00
Zinc			259	0.60	57.8	0.60
Barium	SW846-6010	mg/kG	126	1.0	111	1.0
Manganese	SW846-6010	mg/kG	118	5.00	13.2	5.00
Mercury	SW846-7471	mg/kG	Not detected	0.106	Not detected	0.102

Client Sample ID			LP-25		LP-24	
York Sample ID			09100555-11		09100555-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/kG	---	---	---	---
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1,2-Trichlorotrifluoroethane (Freon 113)			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethene			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-Chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane (ethylene dibromide)			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (cis-)			Not detected	10	Not detected	10
1,2-Dichloroethylene(trans-)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
2-Butanone			Not detected	10	Not detected	10
2-Hexanone			Not detected	10	Not detected	10
4-Methyl-2-pentanone			Not detected	10	Not detected	10
Acetone			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon disulfide			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene (Cumene)			Not detected	10	Not detected	10
Methyl tert-butyl Ether (MTBE)			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
Tetrachloroethene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropene			Not detected	10	Not detected	10
Trichloroethene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
Xylenes (total)			Not detected	10	Not detected	10
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected	---	Not detected	---
Total Solids	SM 2540B	%	94.6	1.0	98.3	1.0

YORK

Client Sample ID			LP-26		LP-27	
York Sample ID			09100555-13		09100555-14	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/kG	---	---	---	---
Acenaphthene			Not detected	165	Not detected	825
Acenaphthylene			Not detected	165	Not detected	825
Anthracene			Not detected	165	Not detected	825
Benzo[a]anthracene			Not detected	165	3300	825
Benzo[a]pyrene			Not detected	165	2900	825
Benzo[b]fluoranthene			Not detected	165	3800	825
Benzo[g,h,i]perylene			Not detected	165	Not detected	825
Benzo[k]fluoranthene			Not detected	165	4500	825
Chrysene			Not detected	165	3400	825
Dibenz[a,h]anthracene			Not detected	165	Not detected	825
Fluoranthene			Not detected	165	6300	825
Fluorene			Not detected	165	Not detected	825
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	825
Naphthalene			Not detected	165	Not detected	825
Phenanthrene			Not detected	165	1800	825
Pyrene			Not detected	165	3800	825
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.170	Not detected	0.017
PCB 1221			Not detected	0.170	Not detected	0.017
PCB 1232			Not detected	0.170	Not detected	0.017
PCB 1242			Not detected	0.170	Not detected	0.017
PCB 1248			Not detected	0.170	Not detected	0.017
PCB 1254			2.85	0.170	0.07	0.017
PCB 1260			3.37	0.170	0.16	0.017
Metals, Priority Pollutant List	EPA SW846-6010	mg/kG	---	---	---	---
Antimony			2.30	0.80	Not detected	0.80
Arsenic			1.38	1.00	1.61	1.00
Beryllium			Not detected	0.10	Not detected	0.10
Cadmium			1.16	0.30	0.76	0.30
Chromium			185	0.50	6.05	0.50
Copper			34.6	0.60	16.8	0.60
Lead			28.7	0.30	24.1	0.30
Nickel			12.1	0.90	4.78	0.90
Selenium			1.00	1.00	Not detected	1.00
Silver			Not detected	0.30	Not detected	0.30
Thallium			Not detected	1.00	Not detected	1.00
Zinc			137	0.60	91.8	0.60
Barium	SW846-6010	mg/kG	426	1.0	45.8	1.0
Manganese	SW846-6010	mg/kG	27.7	5.00	43.3	5.00
Mercury	SW846-7471	mg/kG	Not detected	0.104	Not detected	0.105
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/kG	---	---	---	---
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1,2-Trichlorotrifluoroethane (Freon 113)			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethene			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-Chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane (ethylene dibromide)			Not detected	10	Not detected	10

YORK

Client Sample ID			LP-26		LP-27	
York Sample ID			09100555-13		09100555-14	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (cis-)			Not detected	10	Not detected	10
1,2-Dichloroethylene(trans-)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
2-Butanone			Not detected	10	Not detected	10
2-Hexanone			Not detected	10	Not detected	10
4-Methyl-2-pentanone			Not detected	10	Not detected	10
Acetone			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon disulfide			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene (Cumene)			Not detected	10	Not detected	10
Methyl tert-butyl Ether (MTBE)			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
Tetrachloroethene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropene			Not detected	10	Not detected	10
Trichloroethene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
Xylenes (total)			Not detected	10	Not detected	10
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected	---	Not detected	---
Total Solids	SM 2540B	%	96.2	1.0	94.8	1.0

Client Sample ID			LP-28	
York Sample ID			09100555-15	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/kG	---	---
Acenaphthene			Not detected	165
Acenaphthylene			Not detected	165
Anthracene			Not detected	165
Benzo[a]anthracene			Not detected	165
Benzo[a]pyrene			Not detected	165

YORK

Client Sample ID			LP-28	
York Sample ID			09100555-15	
Matrix			SOIL	
Parameter	**Method**	**Units**	**Results**	**MDL**
Benzo[b]fluoranthene			Not detected	165
Benzo[g,h,i]perylene			Not detected	165
Benzo[k]fluoranthene			Not detected	165
Chrysene			Not detected	165
Dibenz[a,h]anthracene			Not detected	165
Fluoranthene			Not detected	165
Fluorene			Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165
Naphthalene			Not detected	165
Phenanthrene			Not detected	165
Pyrene			Not detected	165
PCB	SW846-3550B/8082	mg/Kg	---	---
PCB 1016			Not detected	0.017
PCB 1221			Not detected	0.017
PCB 1232			Not detected	0.017
PCB 1242			Not detected	0.017
PCB 1248			Not detected	0.017
PCB 1254			0.03	0.017
PCB 1260			0.02	0.017
Metals, Priority Pollutant List	EPA SW846-6010	mg/kG	---	---
Antimony			Not detected	0.80
Arsenic			Not detected	1.00
Beryllium			Not detected	0.10
Cadmium			0.59	0.30
Chromium			30.1	0.50
Copper			42.4	0.60
Lead			10.3	0.30
Nickel			2.46	0.90
Selenium			Not detected	1.00
Silver			136	0.30
Thallium			Not detected	1.00
Zinc			22.6	0.60
Barium	SW846-6010	mg/kG	11.1	1.0
Manganese	SW846-6010	mg/kG	6.57	5.00
Mercury	SW846-7471	mg/kG	Not detected	0.103
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/kG	---	---
1,1,1-Trichloroethane			Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10
1,1,2-Trichloroethane			Not detected	10
1,1,2-Trichlorotrifluoroethane (Freon 113)			Not detected	10
1,1-Dichloroethane			Not detected	10
1,1-Dichloroethene			Not detected	10
1,2,4-Trichlorobenzene			Not detected	10
1,2-Dibromo-3-Chloropropane			Not detected	10
1,2-Dibromoethane (ethylene dibromide)			Not detected	10
1,2-Dichlorobenzene			Not detected	10
1,2-Dichloroethane			Not detected	10
1,2-Dichloroethylene (cis-)			Not detected	10
1,2-Dichloroethylene(trans-)			Not detected	10
1,2-Dichloropropane			Not detected	10
1,3-Dichlorobenzene			Not detected	10

YORK

Client Sample ID			LP-28	
York Sample ID			09100555-15	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
1,4-Dichlorobenzene			Not detected	10
2-Butanone			Not detected	10
2-Hexanone			Not detected	10
4-Methyl-2-pentanone			Not detected	10
Acetone			Not detected	10
Benzene			Not detected	10
Bromodichloromethane			Not detected	10
Bromoform			Not detected	10
Bromomethane			Not detected	10
Carbon disulfide			Not detected	10
Carbon tetrachloride			Not detected	10
Chlorobenzene			Not detected	10
Chloroethane			Not detected	10
Chloroform			Not detected	10
Chloromethane			Not detected	10
cis-1,3-Dichloropropene			Not detected	10
Dibromochloromethane			Not detected	10
Dichlorodifluoromethane			Not detected	10
Ethylbenzene			Not detected	10
Isopropylbenzene (Cumene)			Not detected	10
Methyl tert-butyl Ether (MTBE)			Not detected	10
Methylene chloride			Not detected	10
Styrene			Not detected	10
Tetrachloroethene			Not detected	10
Toluene			Not detected	10
trans-1,3-Dichloropropene			Not detected	10
Trichloroethene			Not detected	10
Trichlorofluoromethane			Not detected	10
Vinyl chloride			Not detected	10
Xylenes (total)			Not detected	10
VOA Tentatively ID Compounds	SW846-8260	ug/kg	---	---
1,2,3-Trichlorobenzene				
Dimethyl Cyclohexane isomer				
Dimethyl Octane isomer				
None Found			Not detected	
Propyl Heptane isomer				
Trimethyl Hexane isomer				
Total Solids	SM 2540B	%	96.8	1.0

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

YORK

Notes for York Project No. 09100555

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

Approved By: Robert Q. Bradley
Managing Director

Date: 10/15/2009

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AE35127

15-Oct-09

Client: Apex Companies, LLC

Analysis Name: ***Base Neutral fraction QC***
Unit of Measure: ug/kg

Batch Name: $BNS-36266

QA Sample #: AE35127
York's Sample ID: 09100555-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
1,4-Dichlorobenzene	60	Not detected	Not detected	50	32	**64.0**	33	**66.000**	**3.1**
2,4-Dinitrotoluene	66	Not detected	Not detected	50	30	**60.0**	29	**58.000**	**3.4**
Acenapthene	60	Not detected	Not detected	50	29	**58.0**	30	**60.000**	**3.4**
N-Nitroso-di-n-propy	64	Not detected	Not detected	50	31	**62.0**	32	**64.000**	**3.2**
Pyrene	60	Not detected	Not detected	50	33	**66.0**	30	**60.000**	**9.5**
1,2,4-Trichlorobenze	62	Not detected	Not detected	50	30	**60.0**	31	**62.000**	3.3

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AE35127

15-Oct-09

Client: Apex Companies, LLC

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTS-36267 **QA Sample #:** AE35127

Unit of Measure: ppm **York's Sample ID:** 09100555-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Arsenic	100	7.84	Not detected	200	197	**94.58**	7.91		**0.89**
Copper	114	29.6	Not detected	25.0	54.1	**98.00**	27.4		**7.72**
Chromium	101	17.3	Not detected	20.0	37.5	**101.000**	17.3		**0.000**
Cadmium	100	2.07	Not detected	5.0	6.91	**96.800**	2.05		**0.971**
Lead	96.0	15.4	Not detected	50.0	61.4	**92.00**	14.9		**3.30**
Barium	101	76.9	Not detected	200	275	**99.05**	76.6		**0.39**
Antimony	150	2.06	Not detected	25.0	28.8	**106.96**	1.49		**32.11**
Beryllium	101	0.26	Not detected	5.0	5.01	**95.000**	0.28		**7.407**
Zinc	97.1	59.5	Not detected	50.0	107	**95.00**	58.7		**1.35**
Thallium	94.8	Not detected	Not detected	200	180	**90.00**	Not detected		
Silver	93.5	Not detected	Not detected	5.0	3.98	**79.60**	Not detected		
Selenium	104	Not detected	Not detected	200	172	**86.00**	Not detected		
Nickel	111	32.0	Not detected	50.0	83.6	**103.20**	31.8		**0.63**
Manganese	98.6	559	Not detected	50.0	597	**76.00**	558		**0.18**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AE35127

15-Oct-09

Client: Apex Companies, LLC

Analysis Name: ***VOA QC Soils*** **Batch Name:** $VOAS-36268 **QA Sample #:** AE35127
Unit of Measure: ug/kg **York's Sample ID:** 09100555-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Benzene	91	Not detected	Not detected	50	47	**94.0**	47	**94.0**	**0.0**
Chlorobenzene	105	Not detected	Not detected	50	53	**106.0**	53	**106.0**	**0.0**
Toluene	102	Not detected	Not detected	50	52	**104.0**	51	**102.0**	**1.9**
Trichloroethylene	104	Not detected	Not detected	50	53	**106.0**	52	**104.0**	**1.9**
1,1-Dichloroethylene	98	Not detected	Not detected	50	49	**98.0**	52	**104.0**	**5.9**

Associated Samples: AE35127

15-Oct-09

Client: Apex Companies, LLC

Analysis Name: ***Mercury*** **Batch Name:** HG_S-36270 **QA Sample #:** AE35127
Unit of Measure: mg/kG **York's Sample ID:** 09100555-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HG_S	111	Not detected	Not detected	1.50	1.67	**108**	Not detected		**0**

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AE35127 15-Oct-09

Client: Apex Companies, LLC

Analysis Name: ***PCB 1254 in unspiked soil sample*** **Batch Name:** PCBS-36271 **QA Sample #:** AE35127

Unit of Measure: ppm **York's Sample ID:** 09100555-01

Parameter				Matrix Spike			Spike Duplicate		
	LCS(%)	Unspiked Result	Blank	Amount	Result	Recovery, %	Duplicate	Recovery,%	Precision, RPD
PCBS	86.7	Not detected	Not detected	0.67	Diluted out	NA	Diluted out	NA	NA

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 09100555

Client Information	Report To:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverbles
Company:	Company: Apex Companies	Company: Apex Companies	85157	24 hr	Summary Results Only / QA/QC Summary
Address:	Address: 120-D Wilbur Pl. Bohemia N.Y. 11716	Address: 120-D Wilbur Pl. Bohemia N.Y. 11716	Purchase Order No.	48 hr ✓	RCP Package / ASP B Pkg
Phone No.	Phone No. 631-567-1777	Phone No. 631-567-1777		72 hr	ASP A Pkg / Excel format ✓
Contact Person:	Attention: Jeff Mackowski jmackowski@apexcos.com	Attention: Dan Smith dsmith@apexcos.com		5 Day	EDD / OTHER
E-Mail Address:	E-Mail Address: apexcos.com	E-Mail Address: apexcos.com		Standard	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

RMBR
Samples Collected/Authorized By (Signature)

Rob Bennett
Name (printed)

Matrix Codes: S soil; Other - specify(oil, etc.); WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Index Metals	Air STARS	Part360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, Ba, Cd	Air VPH	Part360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog. Freon 113	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below						Container Description(s)
LP-1	10/13/2009	S	TCL VOCs, MTBE, Freon 113, TICs	STARS SVOCs	PCBs	PP13 Metals, Ba+Mn			(1) 4 oz. glass for TCL VOCs, MTBE, Freon 113, TICs (1) 8oz glass for STARS SVOCs, PP13 Metals, Ba+Mn, and PCBs
LP-4									
SS-1									
SS-2									
LP-9									
LP-14									
LP-15									
LP-21									
LP-22									
LP-23									
Preservation Check those Applicable			4°C ___ Frozen ___ HCl MeOH	4°C ___	4°C ___	HNO_3 ___ 4°C	4°C ___ H_2SO_4 ___	4°C ___ Other ___	4°C ___ H_2SO_4 ___ NaOH ___ ZnAc Ascorbic Other

Comments

RMBR 10/13/09 1400
Samples Relinquished By — Date/Time

Samples Relinquished By — Date/Time

HB Horton 10/13/09 2PM
Samples Received By — Date/Time

10/13/09 1800
Samples Received in LAB by — Date/Time

Temperature on Receipt 3.7 °C

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 09100555

Client Information	Report To:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverbles
Company:	Company: Apex	Company: Apex	85157	24 hr	Summary Results Only / QA/QC Summary
Address:	Address:	Address:	**Purchase Order No.**	48 hr ✓	RCP Package / ASP B Pkg
Phone No.	Phone No.	Phone No.		72 hr	ASP A Pkg / Excel format ✓
Contact Person:	Attention:	Attention:		5 Day	EDD / OTHER
E-Mail Address:	E-Mail Address:	E-Mail Address:		Standard	

Print Clearly and Legibly. All information must be completed. Samples will NOT be logged in and the turn-around time clock will not start until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Rob Beuroth
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PPM	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Chlorides	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Sd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Cu,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
LP-25				
LP24				
LP-26				
LP-27				
LP-28				

Comments

Preservation Check those Applicable: 4°C ___ Frozen ___ HCl MeOH | 4°C ___ | 4°C ___ | HNO_3 ___ 4°C | 4°C ___ H_2SO_4 ___ | 4°C ___ Other | 4°C ___ H_2SO_4 ___ ZnAc Ascorbic | NaOH ___ Other

Samples Relinquished By — Date/Time: 10/13/09 1400

Samples Received By — Date/Time: 10/13/09 2PM

Samples Relinquished By — Date/Time:

Samples Received in LAB by — Date/Time: 10/13/09 1800

Temperature on Receipt 3.7 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Apex Companies, LLC
120-D Wilbur Place
Bohemia, NY 11716
Attention: Jeff Makowski

Report Date: 10/16/2009
Re: Client Project ID: 85157
York Project No.: 09100611

CT License No. PH-0723 New Jersey License No. CT-005 New York License No. 10854 PA Reg. 68-04440

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

Report Date: 10/16/2009
Client Project ID: 85157
York Project No.: 09100611

Apex Companies, LLC
120-D Wilbur Place
Bohemia, NY 11716
Attention: Jeff Makowski

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 10/14/09. The project was identified as your project "85157".

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

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

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

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

Analysis Results

Client Sample ID			S-5		S-4	
York Sample ID			09100611-01		09100611-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/kG	---	---	---	---
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzo[a]anthracene			220	165	Not detected	165
Benzo[a]pyrene			190	165	Not detected	165
Benzo[b]fluoranthene			330	165	Not detected	165
Benzo[g,h,i]perylene			Not detected	165	Not detected	165
Benzo[k]fluoranthene			190	165	Not detected	165
Chrysene			280	165	Not detected	165
Dibenz[a,h]anthracene			Not detected	165	Not detected	165
Fluoranthene			480	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Phenanthrene			410	165	Not detected	165
Pyrene			420	165	Not detected	165

YORK

Client Sample ID			S-5		S-4	
York Sample ID			09100611-01		09100611-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			Not detected	0.017	Not detected	0.017
PCB 1260			0.019	0.017	0.019	0.017
Metals, Priority Pollutant List	EPA SW846-6010	mg/kG	---	---	---	---
Antimony			0.82	0.80	Not detected	0.80
Arsenic			3.42	1.00	1.91	1.00
Beryllium			Not detected	0.10	Not detected	0.10
Cadmium			0.97	0.30	0.73	0.30
Chromium			17.7	0.50	13.4	0.50
Copper			17.5	0.60	340	0.60
Lead			13.1	0.30	13.5	0.30
Nickel			15.8	0.90	20.5	0.90
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	0.30	Not detected	0.30
Thallium			Not detected	1.00	Not detected	1.00
Zinc			24.4	0.60	60.1	0.60
Barium	SW846-6010	mg/kG	48.0	1.0	18.5	1.0
Manganese	SW846-6010	mg/kG	344	5.00	104	5.00
Mercury	SW846-7471	mg/kG	Not detected	0.106	Not detected	0.103
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/kG	---	---	---	---
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1,2-Trichlorotrifluoroethane (Freon 113)			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethene			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-Chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane (ethylene dibromide)			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (cis-)			Not detected	10	Not detected	10
1,2-Dichloroethylene(trans-)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
2-Butanone			Not detected	10	Not detected	10
2-Hexanone			Not detected	10	Not detected	10
4-Methyl-2-pentanone			Not detected	10	Not detected	10
Acetone			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon disulfide			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10

YORK

Client Sample ID			S-5		S-4	
York Sample ID			09100611-01		09100611-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene (Cumene)			Not detected	10	Not detected	10
Methyl tert-butyl Ether (MTBE)			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
Tetrachloroethene			38	10	11	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropene			Not detected	10	Not detected	10
Trichloroethene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
Xylenes (total)			Not detected	10	Not detected	10
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected	---	Not detected	---
Total Solids	SM 2540B	%	94.4	1.0	97.1	1.0

Client Sample ID			S-3		S-1	
York Sample ID			09100611-03		09100611-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/kG	---	---	---	---
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzo[a]anthracene			Not detected	165	Not detected	165
Benzo[a]pyrene			Not detected	165	Not detected	165
Benzo[b]fluoranthene			Not detected	165	Not detected	165
Benzo[g,h,i]perylene			Not detected	165	Not detected	165
Benzo[k]fluoranthene			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz[a,h]anthracene			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017

YORK

Client Sample ID			S-3		S-1	
York Sample ID			09100611-03		09100611-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB 1254			Not detected	0.017	0.023	0.017
PCB 1260			Not detected	0.017	0.022	0.017
Metals, Priority Pollutant List	EPA SW846-6010	mg/kG	---	---	---	---
Antimony			Not detected	0.80	Not detected	0.80
Arsenic			2.51	1.00	4.09	1.00
Beryllium			Not detected	0.10	Not detected	0.10
Cadmium			0.99	0.30	1.06	0.30
Chromium			15.4	0.50	15.3	0.50
Copper			22.4	0.60	12.0	0.60
Lead			3.82	0.30	12.1	0.30
Nickel			15.3	0.90	12.2	0.90
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	0.30	Not detected	0.30
Thallium			Not detected	1.00	Not detected	1.00
Zinc			13.9	0.60	28.3	0.60
Barium	SW846-6010	mg/kG	20.4	1.0	21.1	1.0
Manganese	SW846-6010	mg/kG	140	5.00	162	5.00
Mercury	SW846-7471	mg/kG	Not detected	0.105	Not detected	0.102
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/kG	---	---	---	---
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1,2-Trichlorotrifluoroethane (Freon 113)			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethene			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-Chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane (ethylene dibromide)			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (cis-)			Not detected	10	Not detected	10
1,2-Dichloroethylene(trans-)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
2-Butanone			Not detected	10	Not detected	10
2-Hexanone			Not detected	10	Not detected	10
4-Methyl-2-pentanone			Not detected	10	Not detected	10
Acetone			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon disulfide			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10

YORK

Client Sample ID			S-3		S-1	
York Sample ID			09100611-03		09100611-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene (Cumene)			Not detected	10	Not detected	10
Methyl tert-butyl Ether (MTBE)			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
Tetrachloroethene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropene			Not detected	10	Not detected	10
Trichloroethene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
Xylenes (total)			Not detected	10	Not detected	10
VOA Tentatively ID Compounds	SW846-8260	ug/kg	Not detected	---	Not detected	---
Total Solids	SM 2540B	%	95.3	1.0	98.0	1.0

Client Sample ID			S-2		S-8	
York Sample ID			09100611-05		09100611-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/kG	---	---	---	---
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzo[a]anthracene			Not detected	165	Not detected	165
Benzo[a]pyrene			Not detected	165	Not detected	165
Benzo[b]fluoranthene			Not detected	165	Not detected	165
Benzo[g,h,i]perylene			Not detected	165	Not detected	165
Benzo[k]fluoranthene			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz[a,h]anthracene			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			0.034	0.017	Not detected	0.017
PCB 1260			Not detected	0.017	Not detected	0.017
Metals, Priority Pollutant List	EPA SW846-6010	mg/kG	---	---	---	---
Antimony			Not detected	0.80	Not detected	0.80
Arsenic			3.37	1.00	2.25	1.00
Beryllium			Not detected	0.10	Not detected	0.10

YORK

Client Sample ID			S-2		S-8	
York Sample ID			09100611-05		09100611-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Cadmium			0.99	0.30	0.67	0.30
Chromium			19.5	0.50	9.68	0.50
Copper			11.6	0.60	8.09	0.60
Lead			4.79	0.30	8.02	0.30
Nickel			15.0	0.90	7.99	0.90
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	0.30	Not detected	0.30
Thallium			Not detected	1.00	Not detected	1.00
Zinc			23.4	0.60	16.2	0.60
Barium	SW846-6010	mg/kG	29.5	1.0	25.7	1.0
Manganese	SW846-6010	mg/kG	313	5.00	155	5.00
Mercury	SW846-7471	mg/kG	Not detected	0.111	Not detected	0.113
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/kG	---	---	---	---
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1,2-Trichlorotrifluoroethane (Freon 113)			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethene			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-Chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane (ethylene dibromide)			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (cis-)			Not detected	10	Not detected	10
1,2-Dichloroethylene(trans-)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
2-Butanone			Not detected	10	Not detected	10
2-Hexanone			Not detected	10	Not detected	10
4-Methyl-2-pentanone			Not detected	10	Not detected	10
Acetone			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon disulfide			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Isopropylbenzene (Cumene)			Not detected	10	Not detected	10
Methyl tert-butyl Ether (MTBE)			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10

YORK

Client Sample ID			S-2		S-8	
York Sample ID			09100611-05		09100611-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Tetrachloroethene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropene			Not detected	10	Not detected	10
Trichloroethene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
Xylenes (total)			Not detected	10	Not detected	10
VOA Tentatively ID Compounds	SW846-8260	ug/kg	---	---	Not detected	---
2-Butanone			25			
Total Solids	SM 2540B	%	89.7	1.0	88.3	1.0

Client Sample ID			Trip Blank	
York Sample ID			09100611-07	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles, Target Cmpd. List (TCL)	SW846-8260	ug/L	---	---
1,1,1-Trichloroethane			Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0
1,1,2-Trichlorotrifluoroethane (Freon 113)			Not detected	5.0
1,1-Dichloroethane			Not detected	5.0
1,1-Dichloroethene			Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0
1,2-Dibromo-3-Chloropropane			Not detected	5.0
1,2-Dibromoethane (ethylene dibromide)			Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,2-Dichloroethylene (cis-)			Not detected	5.0
1,2-Dichloroethylene(trans-)			Not detected	5.0
1,2-Dichloropropane			Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0
2-Butanone			Not detected	5.0
2-Hexanone			Not detected	5.0
4-Methyl-2-pentanone			Not detected	5.0
Acetone			Not detected	5.0
Benzene			Not detected	5.0
Bromodichloromethane			Not detected	5.0
Bromoform			Not detected	5.0
Bromomethane			Not detected	5.0
Carbon disulfide			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroethane			Not detected	5.0
Chloroform			Not detected	5.0
Chloromethane			Not detected	5.0
cis-1,3-Dichloropropene			Not detected	5.0
Dibromochloromethane			Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0

YORK

Client Sample ID			Trip Blank	
York Sample ID			09100611-07	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Ethylbenzene			Not detected	5.0
Isopropylbenzene (Cumene)			Not detected	5.0
Methyl tert-butyl Ether (MTBE)			Not detected	5.0
Methylene chloride			Not detected	5.0
Styrene			Not detected	5.0
Tetrachloroethene			Not detected	5.0
Toluene			Not detected	5.0
trans-1,3-Dichloropropene			Not detected	5.0
Trichloroethene			Not detected	5.0
Trichlorofluoromethane			Not detected	5.0
Vinyl chloride			Not detected	5.0
Xylenes (total)			Not detected	5.0
Freon-113 (Trichlorotrifluoroethane)	SW846-8260	ug/L	Not detected	5.0

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

Notes for York Project No. 09100611

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

Approved By: Robert Q. Bradley
Managing Director

Date: 10/16/2009

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AE35283

16-Oct-09

Client: Apex Companies, LLC

Analysis Name: ***Base Neutral fraction QC***
Unit of Measure: ug/kg

Batch Name: $BNS-36293

QA Sample #: AE35283
York's Sample ID: 09100611-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
1,4-Dichlorobenzene	62	Not detected	Not detected	50	32	**64.0**	32	**64.000**	**0.0**
2,4-Dinitrotoluene	62	Not detected	Not detected	50	32	**64.0**	31	**62.000**	**3.2**
Acenapthene	64	Not detected	Not detected	50	32	**64.0**	32	**64.000**	**0.0**
N-Nitroso-di-n-propy	64	Not detected	Not detected	50	31	**62.0**	34	**68.000**	**9.2**
Pyrene	66	Not detected	Not detected	50	33	**66.0**	30	**60.000**	**9.5**
1,2,4-Trichlorobenze	68	Not detected	Not detected	50	34	**68.0**	33	**66.000**	**3.0**

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AE35283 16-Oct-09

Client: Apex Companies, LLC

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTS-36294 **QA Sample #:** AE35283

Unit of Measure: ppm **York's Sample ID:** 09100611-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Antimony	119	0.68	Not detected	25.0	29.4	**114.88**	0.64		**6.06**
Copper	103	10.6	Not detected	25.0	36.7	**104.40**	10.3		**2.87**
Chromium	96.0	5.57	Not detected	20.0	26.5	**104.650**	5.53		**0.721**
Cadmium	95.8	0.68	Not detected	5.0	5.68	**100.000**	0.67		**1.481**
Beryllium	95.1	0.10	Not detected	5.0	5.09	**99.800**	0.10		**0.000**
Arsenic	94.2	4.91	Not detected	200	201	**98.05**	4.69		**4.58**
Barium	93.6	27.9	Not detected	200	231	**101.55**	27.7		**0.72**
Thallium	89.0	Not detected	Not detected	200	184	**92.00**	Not detected		
Lead	90.1	15.5	Not detected	50.0	62.4	**93.80**	15.4		**0.65**
Silver	88.1	Not detected	Not detected	5.0	4.45	**89.00**	Not detected		
Selenium	98.0	Not detected	Not detected	200	173	**86.50**	Not detected		
Nickel	105	8.71	Not detected	50.0	59.5	**101.58**	8.75		**0.46**
Manganese	92.9	208	Not detected	50.0	258	**100.00**	209		**0.48**
Zinc	92.3	33.1	Not detected	50.0	81.8	**97.40**	32.3		**2.45**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AE35283 — 16-Oct-09

Client: Apex Companies, LLC

Analysis Name: *VOA QC Soils* — **Batch Name:** $VOAS-36295 — **QA Sample #:** AE35283

Unit of Measure: ug/kg — **York's Sample ID:** 09100611-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
1,1-Dichloroethylene	124	Not detected	Not detected	50	54	**108.0**	54	**108.0**	**0.0**
Benzene	108	Not detected	Not detected	50	48	**96.0**	48	**96.0**	**0.0**
Chlorobenzene	115	Not detected	Not detected	50	51	**102.0**	51	**102.0**	**0.0**
Toluene	113	Not detected	Not detected	50	50	**100.0**	50	**100.0**	**0.0**
Trichloroethylene	113	Not detected	Not detected	50	50	**100.0**	50	**100.0**	**0.0**

Associated Samples: AE35283 — 16-Oct-09

Client: Apex Companies, LLC

Analysis Name: *Mercury* — **Batch Name:** HG_S-36296 — **QA Sample #:** AE35283

Unit of Measure: mg/kG — **York's Sample ID:** 09100611-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HG_S	105	Not detected	Not detected	1.50	1.55	**105**	Not detected		**0**

Associated Samples: AE35283 — 16-Oct-09

Client: Apex Companies, LLC

Analysis Name: *PCB 1254 in unspiked soil sample* — **Batch Name:** PCBS-36297 — **QA Sample #:** AE35283

Unit of Measure: ppm — **York's Sample ID:** 09100611-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
PCBS	82	Not detected	Not detected	0.67	0.84	**125.9**	0.76	**113.9**	**10.0**

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 09100611

Client Information
Company: ____
Address: ____
Phone No. ____
Contact Person: ____
E-Mail Address: ____

Report To:
Company: Apex Companies
Address: 120-D Wilbur Pl.
Bohemia NY. 11716
Phone No. 631-567-1777
Attention: Jeff Mckowski
E-Mail Address: jmckowski@apexcos.com

Invoice To:
Company: Apex Companies
Address: 120-D Wilbur Pl
Bohemia NY. 11716
Phone No. 631-567-1777
Attention: Dan Smith
E-Mail Address: dsmith@apexcos.com

Client Project ID
85157

Purchase Order No.

Turn-Around Time
24 hr ____
48 hr ✓
72 hr ____
5 Day ____
Standard ____

Report Type/Deliverbles
Summary Results Only ____ QA/QC Summary ____
RCP Package ____ ASP B Pkg ____
ASP A Pkg ____ Excel format ✓
EDD ____ OTHER ____

Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Rob Bennett
Name (printed)

Matrix Codes
S soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TIC	8270 or 625	8082 PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081 Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151 Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom./Lchl.	TCLP list	TICs	TCLP Herb	Hg, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
~~55~~ S-5	10/13/2009	S	TCL VOCs, MTBE, Freon 113, TICs	(1) 4oz for TCL VOC, MTBE, Freon, TICs
~~55~~ S-4	↓	↓	STARS SVOCs	(1) 8oz for SVOCs, PCBs, Metals, Mn, Ba
~~55~~ S-3	↓	↓	PCBs	
~~55~~ S-1	10/14/2009	↓	PP13 Metals, Mn and Ba	
~~55~~ S-2	↓	↓		
~~55~~ S-8	↓	↓		
~~55~~				
trip blank	10/14/2009	↓		(2) 40mL vials with HCl

Preservation Check those Applicable

4°C ___ Frozen ___	4°C ___	4°C ___	HNO_3 ___	4°C ___	4°C ___	4°C ___ H_2SO_4 ___ NaOH ___
HCl MeOH			4°C	H_2SO_4 ___	Other	ZnAc Ascorbic Other

Comments

Samples Relinquished By: ____ Date/Time: 10/14/09 1430

Samples Relinquished By: ____ Date/Time: ____

Samples Received By: A B Horton Date/Time: 10/14/09 239PM

Samples Received in LAB by: ____ Date/Time: 10/14/09 - 1800

Temperature on Receipt 3.8 °C

APPENDIX C

MONITORING WELL PURGE FORMS

Water Quality Monitoring Log Sheet

Date: 9/24/09
Technical Site: former Avis Headqrtrs.
Well I.D.: MW-1
Sample Type: GW
Technician(s): GML/RMB

Well Diatmeter (ft.) 2-inch (.16 ft.)
Depth to Water (h^1) (ft.) 22.12
Depth of Well (h^2))ft.) 31.00
One Casing Volume (gal.) 1.34
Minimum Purge Volume (gal.) 4.02
Total Volume Withdrawn (gal.) ~7.00
Instruments Used: Redi-flo & Horiba U-20

Potential Hydrogen-Ion (pH): 6.16
Conductivity (S/cm): .504
Turbidoty (NTU): 326
Dissolved Oxygen (g/L): 7.70
Temperature (°C): 16.9
Total Dissolved Solids (g/L): 0.32
Oxygen Reduction-Potential (mV): 128

Well Casing Volume Calculation:

$V = d^2\prod/4\ (h^2-h^1) \times 7.48$
V= .0201062(66.42)
V= 1.34 x 3
V= 4.02

Notes/Comments:

- No odors present
- No free product detected w/ interface probe
- GW sample color: Light Brown

Water Quality Monitoring Log Sheet

Date: 9/29/09	**Well Casing Volume Calculation:**
Technical Site: former Avis Site	$V = d^2\Pi/4\ (h^2-h^1) \times 7.48$
Well I.D.: MW-2	V= .0201062(85.57)
Sample Type: GW	V= 1.72 x 3
Technician(s): GMC/RMB	V= 5.16
Well Diatmeter (ft.) 2-inch (.16 ft.)	**Notes/Comments:**
Depth to Water (h^1) (ft.) 21.26	• No odors present
Depth of Well (h^2))ft.) 32.70	• No free product detected w/ interface probe
One Casing Volume (gal.) 1.72	• GW sample color: Light brown
Minimum Purge Volume (gal.) 5.16	
Total Volume Withdrawn (gal.) ~7.00	
Instruments Used: Redi-flo & Horiba U-20	
Potential Hydrogen-Ion (pH): 5.96	
Conductivity (S/cm): 6.466	
Turbidoty (NTU): 528.0	
Dissolved Oxygen (g/L): 2.98	
Temperature (°C): 18.15	
Total Dissolved Solids (g/L): 0.31	
Oxygen Reduction-Potential (mV): 145	

Water Quality Monitoring Log Sheet

Date: 9/24/09
Technical Site: Former Avis Headqrtrs.
Well I.D.: MW-15
Sample Type: GW
Technician(s): GMe/RMB

Well Diatmeter (ft.) 2-inch (.16ft.)
Depth to Water (h^1) (ft.) 21.60
Depth of Well (h^2))ft.) 31.70
One Casing Volume (gal.) 1.50
Minimum Purge Volume (gal.) 4.55
Total Volume Withdrawn (gal.) ~6.00
Instruments Used: Redi-flo pump & Horiba-U-20

Potential Hydrogen-Ion (pH): 6.24
Conductivity (S/cm): 0.356
Turbidoty (NTU): 821.0
Dissolved Oxygen (g/L): 6.42
Temperature (°C): 18.78
Total Dissolved Solids (g/L): 0.23
Oxygen Reduction-Potential (mV): +3

Well Casing Volume Calculation:

$V = d^2\Pi/4\ (h^2-h^1) \times 7.48$
V= .0201062(75.55)
V= 1.52 x 3
V= 4.55

Notes/Comments:

- No odors present
- No free product w/ interface probe
- Pw sample color: Light Brown

Water Quality Monitoring Log Sheet

Date: 9/24/09
Technical Site: Former Avis Headqrtrs.
Well I.D.: MW-18
Sample Type: GW
Technician(s): GMC/RMB

Well Casing Volume Calculation:

$V = d^2\Pi/4\,(h^2-h^1) \times 7.48$
V= .0201062(68.52)
V= 1.37 x 3
V= 4.13

Well Diatmeter (ft.)	2-inch (.16 ft.)
Depth to Water (h^1) (ft.)	21.89
Depth of Well (h^2))ft.)	31.05
One Casing Volume (gal.)	1.37
Minimum Purge Volume (gal.)	4.13
Total Volume Withdrawn (gal.)	~8.00
Instruments Used:	Redi-flo & Horiba-U-20

Potential Hydrogen-Ion (pH):	6.40
Conductivity (S/cm):	0.508
Turbidoty (NTU):	256.0
Dissolved Oxygen (g/L):	8.09
Temperature (°C):	18.78
Total Dissolved Solids (g/L):	0.32
Oxygen Reduction-Potential (mV):	95

Notes/Comments:

- No odors present
- No free product detected using interface probe
- GW sample color: Clear

Water Quality Monitoring Log Sheet

Date: 9/24/09
Technical Site: ~~former~~ Aus Headqrtrs.
Well I.D.: MW-19
Sample Type: GW
Technician(s): GMC/RMB

Well Diatmeter (ft.) 2-inch (.16 ft.)
Depth to Water (h^1) (ft.) 21.65
Depth of Well (h^2))ft.) 30.70
One Casing Volume (gal.) 1.36
Minimum Purge Volume (gal.) 4.08
Total Volume Withdrawn (gal.) ~7.00

Instruments Used: Redi-flo variable freq. drive
Horiba U-20 water quality meter

Potential Hydrogen-Ion (pH): 6.22
Conductivity (S/cm): 0.345
Turbidoty (NTU): 913.0
Dissolved Oxygen (g/L): 7.52
Temperature (°C): 18.33
Total Dissolved Solids (g/L): 0.22
Oxygen Reduction-Potential (mV): 128

Well Casing Volume Calculation:

$V = d^2\Pi/4\ (h^2-h^1) \times 7.48$
V= .0201062(67.694)
V= 1.36 x 3 ~~gal~~
V= 4.08 gals

Notes/Comments:

- No odors present
- No free product detected w/ interface probe
- GW sample color: light brown

Water Quality Monitoring Log Sheet

Date: 9/30/09
Technical Site: former Avis Headqrtrs.
Well I.D.: MW-9A
Sample Type: GW
Technician(s): GME/RMB

Well Casing Volume Calculation:

$V = d^2\Pi/4\ (h2-h1) \times 7.48$
V= .0201062 (216.17)
V= 4.35
V= 13.04

Well Diatmeter (ft.)	2-inch (.16-ft.)
Depth to Water (h^1) (ft.)	22.30
Depth of Well (h^2))ft.)	51.20
One Casing Volume (gal.)	4.35
Minimum Purge Volume (gal.)	13.04
Total Volume Withdrawn (gal.)	45.00

Instruments Used: Redi-flo variable freq. drive
Horiba U-20 water quality monitor

Potential Hydrogen-Ion (pH):	6.17
Conductivity (S/cm):	0.457
Turbidoty (NTU):	568.0
Dissolved Oxygen (g/L):	6.46
Temperature (°C):	15.38
Total Dissolved Solids (g/L):	0.30
Oxygen Reduction-Potential (mV):	130

Notes/Comments:

- No odors present
- No product detected w/ interface probe
- GW Sample color: Light brown

Water Quality Monitoring Log Sheet

Date: 9/30/09
Technical Site: former Avis Headqrtrs.
Well I.D.: MW-10
Sample Type: GW
Technician(s): CME/RMB

Well Casing Volume Calculation:

$V = d^2\Pi/4\,(h^2-h^1) \times 7.48$
$V = .0201062\,(13.2) \times 7.48$
$V = 0.2654 \times 7.48$
$V = 1.985 \times 3$

Well Diatmeter (ft.)	2-inch (.16ft.)
Depth to Water (h^1) (ft.)	22.40
Depth of Well (h^2))ft.)	35.60
One Casing Volume (gal.)	1.985
Minimum Purge Volume (gal.)	5.9556
Total Volume Withdrawn (gal.)	

Instruments Used: Redi-flo variable freq. drive
Horiba U-20 water quality monitor

Potential Hydrogen-Ion (pH):	6.21
Conductivity (S/cm):	0.257
Turbidoty (NTU):	199.0
Dissolved Oxygen (g/L):	6.46
Temperature (°C):	17.79
Total Dissolved Solids (g/L):	0.17
Oxygen Reduction-Potential (mV):	136

Notes/Comments:

* No odors present
* No product detected w/ interface probe
* GW sample color: clear (brown tint)

Water Quality Monitoring Log Sheet

Date: 9/30/09
Technical Site: Former Avis site
Well I.D.: MW-11
Sample Type: GW
Technician(s): GMC / RMB

Well Casing Volume Calculation:

$V = d^2\Pi/4\,(h^2-h^1) \times 7.48$
V= .0201062 (82.28)
V= 1.65
V= 4.96

Well Diatmeter (ft.)	2 in. (.16 ft.)
Depth to Water (h^1) (ft.)	22.60
Depth of Well (h^2))ft.)	32.60
One Casing Volume (gal.)	1.65
Minimum Purge Volume (gal.)	4.96
Total Volume Withdrawn (gal.)	~6.00

Instruments Used: Redi-flo variable freq. drive
Horiba U-20 water quality monitor

Potential Hydrogen-Ion (pH):	6.27
Conductivity (S/cm):	0.208
Turbidoty (NTU):	833.0
Dissolved Oxygen (g/L):	8.67
Temperature (°C):	19.44
Total Dissolved Solids (g/L):	0.14
Oxygen Reduction-Potential (mV):	112

Notes/Comments:

33.80
22.60
11.00

- No odor present
- No product detected w/ interface probe
- GW sample Clear

Water Quality Monitoring Log Sheet

Date: 9/30/09
Technical Site: Former Ariz Headqrtrs.
Well I.D.: MW-12
Sample Type: GW
Technician(s): GMC/RMB

Well Casing Volume Calculation:

$V = d^2\prod/4\,(h^2-h^1) \times 7.48$
V= .020106 2(58.79)
V= 1.18 gal.(3)
V= 3.54 gal.

Well Diatmeter (ft.)	2in.(.16ft)
Depth to Water (h^1) (ft.)	22.74
Depth of Well (h^2))ft.)	30.60
One Casing Volume (gal.)	1.18gal
Minimum Purge Volume (gal.)	3.54 gal.
Total Volume Withdrawn (gal.)	

Instruments Used: Redi-flow variable freq. drive
Horiba U-20 water quality monitor

Potential Hydrogen-Ion (pH):	6.08
Conductivity (S/cm):	0.219
Turbidoty (NTU):	642
Dissolved Oxygen (g/L):	8.62
Temperature (°C):	19.28
Total Dissolved Solids (g/L):	0.14
Oxygen Reduction-Potential (mV):	143

Notes/Comments:

- No odors present
- No product detected w/ interface probe
- GW sample color: Light Brown

Water Quality Monitoring Log Sheet

Date: 9/30/09	**Well Casing Volume Calculation:**
Technical Site: Former Avis Headqrtrs.	$V = d^2\Pi/4\,(h^2-h^1) \times 7.48$
Well I.D.: MW-12A	V= .0201062 (215.80)
Sample Type: GW	V= 4.34 (gal.)x(3)
Technician(s): GMC/RMH	V= 13.01 gal

Well Diatmeter (ft.)	2 in. (.16 ft.)
Depth to Water (h^1) (ft.)	22.75
Depth of Well (h^2))ft.)	51.60
One Casing Volume (gal.)	4.34
Minimum Purge Volume (gal.)	13.01
Total Volume Withdrawn (gal.)	~15.00

Instruments Used: Rodi-flo variable freq. drive Horiba U-20 water quality monitor

Potential Hydrogen-Ion (pH):	6.23
Conductivity (S/cm):	0.468
Turbidoty (NTU):	800
Dissolved Oxygen (g/L):	0.00
Temperature (°C):	18.50
Total Dissolved Solids (g/L):	0.30
Oxygen Reduction-Potential (mV):	-39

Notes/Comments:

- No odors present
- No product detected w/ interface probe
- Water color: Brown (murky)

Water Quality Monitoring Log Sheet

Date: 9/30/09	**Well Casing Volume Calculation:**
Technical Site: Former Avis Headqrtrs.	$V = d^2\Pi/4\,(h^2-h^1) \times 7.48$
Well I.D.: MW-13	V= .0201062 (58.27)
Sample Type: GW	V= 1.17
Technician(s): EMC / PMD	V= 3.51

Well Diatmeter (ft.)	2in (.16ft.)
Depth to Water (h^1) (ft.)	22.75
Depth of Well (h^2))ft.)	30.54
One Casing Volume (gal.)	1.17
Minimum Purge Volume (gal.)	3.51
Total Volume Withdrawn (gal.)	~5.50
Instruments Used:	Redi-Flo variable frequency drive; Horiba Multi-parameter U-20
Potential Hydrogen-Ion (pH):	6.23
Conductivity (S/cm):	0.162
Turbidoty (NTU):	705.0
Dissolved Oxygen (g/L):	18.85
Temperature (°C):	19.26
Total Dissolved Solids (g/L):	6.11
Oxygen Reduction-Potential (mV):	115

Notes/Comments:

- No odors present
- No product detected w/ interface probe
- GW clear

Water Quality Monitoring Log Sheet

Date: 9/30/09	**Well Casing Volume Calculation:**
Technical Site: Former Avis Headqrtrs.	$V = d^2\Pi/4\ (h^2-h^1) \times 7.48$
Well I.D.: MW-14	V=.0201062 (77.27)
Sample Type: GW	V= 1.55 gal
Technician(s): GMC / RMB	V=

Well Diatmeter (ft.)	2-inch (.16 ft.)
Depth to Water (h^1) (ft.)	22.22
Depth of Well (h^2))ft.)	30.55
One Casing Volume (gal.)	1.55
Minimum Purge Volume (gal.)	4.66
Total Volume Withdrawn (gal.)	~5.50
Instruments Used:	Redi-Flo variable freq. drive Horiba U-20 water qual monitor
Potential Hydrogen-Ion (pH):	6.05
Conductivity (S/cm):	.244
Turbidoty (NTU):	732.0
Dissolved Oxygen (g/L):	7.40
Temperature (°C):	19.65
Total Dissolved Solids (g/L):	0.16
Oxygen Reduction-Potential (mV):	117

Notes/Comments:

- No odors present
- No product detected w/ interface probe
- GW / Sample light brown color

Water Quality Monitoring Log Sheet

Date:	10/1/09
Technical Site:	former Avis Headqrtrs
Well I.D.:	MW-3
Sample Type:	GW
Technician(s):	GMC/RMB

Well Casing Volume Calculation:

$V = d^2\Pi/4\,(h^2-h^1) \times 7.48$

V= .0201062 (71.95)

V= 1.45

V= 4.34

Well Diatmeter (ft.)	2-inch (.16 ft.)
Depth to Water (h^1) (ft.)	23.98
Depth of Well (h^2))ft.)	33.60
One Casing Volume (gal.)	1.45
Minimum Purge Volume (gal.)	4.34
Total Volume Withdrawn (gal.)	≈ 11.00

Instruments Used: Redi-flo variable freq. drive Horiba U-20 water quality monitor

Potential Hydrogen-Ion (pH):	6.51
Conductivity (S/cm):	0.799
Turbidoty (NTU):	62.0
Dissolved Oxygen (g/L):	9.74
Temperature (°C):	17.35
Total Dissolved Solids (g/L):	0.51
Oxygen Reduction-Potential (mV):	126

Notes/Comments:

- No odors present
- No free product detected w/ interface probe
- GW Sample color: Clear

Water Quality Monitoring Log Sheet

Date: 10/1/09
Technical Site: former Ads Headqrtrs.
Well I.D.: MW-4
Sample Type: GW
Technician(s): Que / RM B

Well Casing Volume Calculation:

$V = d^2 \Pi/4 (h^2 - h^1) \times 7.48$
V= .020162 (62.95)
V= 1.26 x 3
V= 3.79

Well Diatmeter (ft.) 2 inch (.16 ft.)
Depth to Water (h^1) (ft.) 23.85
Depth of Well (h^2) (ft.) 32.26
One Casing Volume (gal.) 1.26
Minimum Purge Volume (gal.) 3.79
Total Volume Withdrawn (gal.) ~15.00

Instruments Used: Redi-flo variable freq. drive
Horiba U-20 water quality monitor

Potential Hydrogen-ion (pH): 6.19
Conductivity (S/cm): 0.210
Turbidoty (NTU): 110.10
Dissolved Oxygen (g/L): 7.24
Temperature (°C): 18.78
Total Dissolved Solids (g/L): 0.14
Oxygen Reduction-Potential (mV): 135

Notes/Comments:

- No odors present
- No free product ~~pr~~ detected w/ interface probe
- GW Sample Color: Light Brown

Water Quality Monitoring Log Sheet

Date:	10/1/09
Technical Site:	former Avis Headqrtrs.
Well I.D.:	MW-6
Sample Type:	GW
Technician(s):	GMC/RMM

Well Casing Volume Calculation:

$V = d^2\pi/4\,(h^2-h^1) \times 7.48$

V= .0201062 (77.42)

V= 1.55 x 3

V= 4.67

Well Diatmeter (ft.)	2 inch (.16 ft.)
Depth to Water (h^1) (ft.)	23.85
Depth of Well (h^2))ft.)	34.20
One Casing Volume (gal.)	1.55
Minimum Purge Volume (gal.)	4.67
Total Volume Withdrawn (gal.)	~10.00

Instruments Used: Redi-flo variable freq. drive Horiba U-20 water quality monitor

Potential Hydrogen-Ion (pH):	6.34
Conductivity (S/cm):	0.965
Turbidoty (NTU):	383.0
Dissolved Oxygen (g/L):	0.21
Temperature (°C):	17.18
Total Dissolved Solids (g/L):	0.63
Oxygen Reduction-Potential (mV):	37

Notes/Comments:

- No odors present
- No free product detected w/ interface probe
- GW Sample color:

Water Quality Monitoring Log Sheet

Date: 10/1/09	**Well Casing Volume Calculation:**
Technical Site: former Aris Headqrtrs.	$V = d^2\Pi/4\,(h^2-h^1) \times 7.48$
Well I.D.: MW-7	V= .0201062 (62.832)
Sample Type: GW	V= 1.263 x3
Technician(s): GME/RMB	V= 3.79
Well Diatmeter (ft.) 2-inch (.16 ft.)	**Notes/Comments:**
Depth to Water (h^1) (ft.) 21.05	• No odors present
Depth of Well (h^2))ft.) 29.45	• No free product detected w/ interface probe
One Casing Volume (gal.) 1.26	• GW Sample color: Clear
Minimum Purge Volume (gal.) 3.79	
Total Volume Withdrawn (gal.) ~10.00	
Instruments Used: Redi-flo variable freq. drive Horiba U-20 water quality monitor	
Potential Hydrogen-Ion (pH): 6.37	
Conductivity (S/cm): 0.447	
Turbidoty (NTU): 157.0	
Dissolved Oxygen (g/L): ~~8.7~~ 6.94	
Temperature (°C): 16.90	
Total Dissolved Solids (g/L): 0.30	
Oxygen Reduction-Potential (mV): 128	

Water Quality Monitoring Log Sheet

Date:	10/1/09
Technical Site:	former Avis Headqrtrs.
Well I.D.:	MW-8
Sample Type:	GW
Technician(s):	GMC / RMB

Well Casing Volume Calculation:

$V = d^2 \prod/4 (h^2-h^1) \times 7.48$

V= .020162 (59.91)

V= 1.20 (gal) x 3

V= 3.61 gal

Well Diatmeter (ft.)	2-inch (.16 ft.)
Depth to Water (h^1) (ft.)	22.30
Depth of Well (h^2))ft.)	30.31
One Casing Volume (gal.)	1.20
Minimum Purge Volume (gal.)	3.61
Total Volume Withdrawn (gal.)	~7.00

Instruments Used: Redi-flo variable freq. drive Horiba U-20 water quality monitor

Potential Hydrogen-Ion (pH):	6.46
Conductivity (S/cm):	0.204
Turbidoty (NTU):	227.0
Dissolved Oxygen (g/L):	9.80
Temperature (°C):	16.37
Total Dissolved Solids (g/L):	0.13
Oxygen Reduction-Potential (mV):	116

Notes/Comments:

- No odors present
- No free product detected w/ interface probe
- GW Sample color: Clear

Water Quality Monitoring Log Sheet

Date: 9/30/09
Technical Site: ~~former~~ Avis Headqrtrs.
Well I.D.: MW-9
Sample Type: GW
Technician(s): GME/RMC

Well Casing Volume Calculation:

$V = d^2\Pi/4\ (h^2-h^1) \times 7.48$
V= .020/062 (76.15)
V= 1.53 gal
V= 4.59 gal.

Well Diatmeter (ft.)	2 inch (16 ft.)
Depth to Water (h^1) (ft.)	22.32
Depth of Well (h^2))ft.)	~~32.50~~ 30.25
One Casing Volume (gal.)	1.53 gal
Minimum Purge Volume (gal.)	4.59 gal
Total Volume Withdrawn (gal.)	~7.00 gal

Instruments Used: Redi-flo variable freq. drive
Horiba U-20 water quality monitor

Potential Hydrogen-Ion (pH):	6.73
Conductivity (S/cm):	0.189
Turbidoty (NTU):	256.0
Dissolved Oxygen (g/L):	9.74
Temperature (°C):	19.05
Total Dissolved Solids (g/L):	0.12
Oxygen Reduction-Potential (mV):	63

Notes/Comments:

- No odors present
- No product detected w/ interface probe
- GW sample color: clear

Water Quality Monitoring Log Sheet

Date: 9/30/09
Technical Site: former Avis Headqrtrs.
Well I.D.: MW-16
Sample Type: GW
Technician(s): Gue/RMB

Well Diatmeter (ft.)	2-inch (.16 ft.)
Depth to Water (h^1) (ft.)	22.82
Depth of Well (h^2))ft.)	30.50
One Casing Volume (gal.)	1.16
Minimum Purge Volume (gal.)	3.47
Total Volume Withdrawn (gal.)	7.00

Instruments Used: Redi-flo variable freq. drive
Horiba U-20 water quality monitor

Potential Hydrogen-Ion (pH):	6.64
Conductivity (S/cm):	0.240
Turbidoty (NTU):	380.0
Dissolved Oxygen (g/L):	10.38
Temperature (°C):	15.07
Total Dissolved Solids (g/L):	0.16
Oxygen Reduction-Potential (mV):	116

Well Casing Volume Calculation:

$V = d^2\Pi/4\ (h^2-h^1) \times 7.48$
V= .0201062 (57.45)
V= 1.16 gal.
V= 3.47 gal.

Notes/Comments:

- No odors present
- No product detected w/ interface probe
- GW sample color: Clear

Water Quality Monitoring Log Sheet

Date: 9/30/09
Technical Site: ~~former~~ Avis Headqrtrs.
Well I.D.: MW-17
Sample Type: GW
Technician(s): GMC/RMB

Well Casing Volume Calculation:

$V = d^2\Pi/4\,(h^2-h^1) \times 7.48$
V= .0201062 (61.49)
V= 1.24 gal x 3
V= 3.79 gal

Well Diatmeter (ft.)	2inch (.16)
Depth to Water (h^1) (ft.)	22.57
Depth of Well (h^2))ft.)	30.79
One Casing Volume (gal.)	1.24
Minimum Purge Volume (gal.)	3.79
Total Volume Withdrawn (gal.)	~6.00

Instruments Used: Redi-flo variable freq ~~flow~~ drive
Horiba U-20 water quality monitor

Potential Hydrogen-Ion (pH):	6.48
Conductivity (S/cm):	0.179
Turbidoty (NTU):	116.0
Dissolved Oxygen (g/L):	10.16
Temperature (°C):	15.66
Total Dissolved Solids (g/L):	0.12
Oxygen Reduction-Potential (mV):	125

Notes/Comments:

- No odors present
- No product detected w/ interface probe
- GW sample color: Clear

ATTACHMENT E

Previous Owners

ATTACHMENT E

SECTION VII PROPERTY'S ENVIRONMENTAL HISTORY
ITEM 6 OWNERS

A review of property deeds and a 50-year Chain of Title by Ameristar Public Resources Research has revealed the following ownership/property transfers:

Owner	From	To
Roosevelt Nassau Operating Corp.	At some point prior to January 20, 1940	March 1, 1973
Corporate Investors, Inc. (and Simon Property Group via succession by corporate merger)	March 1, 1973	November 16, 2009
Equity One (Northeast Portfolio) Inc.	November 16, 2009	Present

A copy of the 50-year Chain of Tile Report is attached.

Equity One (Northeast Portfolio) Inc. has no relationship with Roosevelt Nassau Operating Corp., Corporate Investors, Inc. or Simon Property Group.

AMERISTAR
PUBLIC RECORDS RESEARCH

CHAIN OF OWNERSHIP REPORT
COMBO Part I

CLIENT INFORMATION

Client:	Environmental Data Resources	**Report Date:**	03/08/2010
Client No.:	12010	**Index Date:**	01/20/2010
Address:	440 Wheelers Farms Rd Milford, CT 06460	**Order ID:**	03-201-1-2981
		Client Ref.:	2712947.9
Contact:	Chris Courtney	**PO Number:**	N/A
Phone:	800-352-0050		
Delivery:	ccourtney@edrnet.com		

CURRENT OWNER INFORMATION

Current Owner of Record:	Equity One (Northeast Portfolio) Inc., a Massachusetts corporation
Current Site Address:	900 OLD COUNTRY RD GARDEN CITY, NY 11530-2128
County of Research:	NASSAU

LEGAL DESCRIPTION

LOTS 26, 27, AND 28, BLOCK 27, SECTION 44, GARDEN CITY, TOWN OF HEMPSTEAD, NASSAU COUNTY, NEW YORK. BEING MORE FULLY DESCRIBED IN VOLUME 12563, PAGE 14, IN THE DEED RECORDS OF NASSAU COUNTY, NEW YORK.

NOTE: Ameristar does not represent that the above legal description, acreage, or square footage calculations are correct. We have taken this information directly from a document recorded at the courthouse.

PARCEL IDENTIFICATION NUMBER: 44-67-26, 44-67-27, 44-67-28

DISCLAIMER: This report contains information obtained from public records, and being that our company is not the primary provider of such, Ameristar cannot and will not, for the fee charged, be an insurer or guarantor of the accuracy or reliability of said information. Ameristar does not guarantee or warrant the accuracy, timeliness, completeness, currentness, merchantability or fitness for a particular purpose of services provided. Further, Ameristar's sole liability is limited to the cost of this report only. Ameristar is not liable to user for any loss or injury arising out of or caused, in whole or in part, by Ameristar's acts or omissions, whether negligent or otherwise, in procuring, compiling, collecting, interpreting, reporting, communicating, or delivering the services or information contained herein. THIS REPORT IS NOT AN ABSTRACT, OPINION OF TITLE, TITLE COMMITMENT NOR GUARANTEE, OR TITLE INSURANCE POLICY.

AMERISTAR
PUBLIC RECORDS RESEARCH

DEED / OWNERSHIP INFORMATION

***Search was performed from 01/20/1940 through 01/20/2010.**

WARRANTY DEED:

EXECUTED:	03/01/1973		
RECORDED:	03/12/1973		
GRANTOR:	Roosevelt Nassau operating corp.		
GRANTEE:	Corporate Investors, Inc.		
VOLUME:	8510	**PAGE:**	42

BARGAIN AND SALE DEED:

EXECUTED:	11/16/2009		
RECORDED:	11/24/2009		
GRANTOR:	Simon Property Group, Inc., successor by corporate merger of Corporate Property Investors, Inc., a Delaware corporation		
GRANTEE:	Equity One (Northeast Portfolio) Inc., a Massachusetts corporation		
VOLUME:	12563	**PAGE:**	14

NASSAU COUNTY CLERK'S OFFICE
ENDORSEMENT COVER PAGE

Recorded Date: 11-24-2009
Recorded Time: 12:00:08 p

Liber Book: D 12563
Pages From: 14
To: 18

Record and Return To:
KEVIN L CHUMLEA ESQ
SIMON PROPERTY GROUP
225 W WASHINGTON ST
INDIANAPOLIS, IN 46204

Control Number: 1342
Ref #: RR 007433
Doc Type: DI2 DEED COMMERCIAL/VACANT LAND

Location:	Section	Block	Lot	Unit
HEMPSTEAD (2820)	0044	00067-00	00026	
HEMPSTEAD (2820)	0044	00067-00	00027	
HEMPSTEAD (2820)	0044	00067-00	00028	

Consideration Amount: 24,500,000.00

Taxes Total	98,000.00
Recording Totals	330.00
Total Payment	98,330.00

LLS001

THIS PAGE IS NOW PART OF THE INSTRUMENT AND SHOULD NOT BE REMOVED
MAUREEN O'CONNELL
COUNTY CLERK

200911240134 2

3504-00019

Kevin L. Chomiea
Simon Property Group
225 W. Washington St
Indianapolis, IN. 46204

BARGAIN AND SALE DEED

THIS INDENTURE, dated as of the 16 day of November, 2009, by SIMON PROPERTY GROUP, INC., successor by corporate merger of Corporate Property Investors, Inc., a Delaware corporation, having its principal place of business at 225 W. Washington Street, Indianapolis, Indiana 46204 ("Grantor"), to and in favor of EQUITY ONE (NORTHEAST PORTFOLIO) INC., a Massachusetts corporation, having its principal place of business at 650 Fifth Avenue 24th Floor, New York, NY 10019 ("Grantee");

S-44
B-67
4-24-28

WITNESSETH THAT:

Grantor, for valuable consideration, does hereby grant, with special warranty covenants, unto the Grantee, its successors and assigns, all of the parcel of land lying and being in Nassau County, New York, consisting of approximately 21.85 acres, including the buildings and improvements thereon as more fully described in Exhibit "A" attached hereto and made a part hereof (hereinafter referred to as the "Parcel");

TOGETHER, with all and singular the hereditaments and appurtenances thereunto belonging, or in anywise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof, and all the estate, right, title, interest, claim or demand whatsoever, of Grantor either in law or in equity, of, in and to the Parcel, with the hereditaments and appurtenances;

BUT SUBJECT TO:

(i) all streets and public rights of way;
(ii) all laws, rules and/or regulations (federal, state and/or local) now in effect;
(iii) restrictions, encumbrances, reservations, limitations, conditions, easements, agreements and/or other matters affecting the Parcel, if of public record; and
(iv) all real estate taxes and assessments not due and payable as of the date hereof.

TO HAVE AND TO HOLD, the same, together with all the hereditaments and appurtenances thereunto belonging or in anywise appertaining, to the said Grantee, its successors and assigns, forever.

And the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total for the same for any other purpose.

This instrument was prepared by and after recording should be returned to:

Kevin L. Chomiea, Esq.
Simon Property Group
225 W. Washington Street
Indianapolis, Indiana 46204

And Grantor will warrant and defend title to the Parcel against all parties lawfully claiming the same from, through or under it, but against no others.

And Grantor hereby covenants and warrants that it is fully authorized to convey the Parcel as set forth herein.

IN WITNESS WHEREOF, the said Grantor has caused these presents to be duly executed, the day and year first above written.

GRANTOR: SIMON PROPERTY GROUP, INC., a Delaware corporation

By: _____
John Rulli
Executive Vice President -
Chief Administrative Officer

STATE OF INDIANA)
) SS:
COUNTY OF MARION)

Before me, a Notary Public in and for said County and State, personally appeared John Rulli, to me personally known as the EVP of SIMON PROPERTY GROUP, INC., a Delaware corporation, having its principal place of business at 225 W. Washington Street, Indianapolis, Indiana 46204, who acknowledged his execution of the foregoing instrument for and on behalf of said Corporation by authority of its Board of Directors.

WITNESS my hand and notarial seal this 12th day of November 2009.

JAN L. LOCKE
MY COMMISSION EXPIRES
October 22, 2017
NOTARY SEAL
MARION COUNTY
NOTARY PUBLIC STATE OF INDIANA

_____
Notary Public

EXHIBIT A TO BARGAIN AND SALE DEED

Legal Description of the Parcel

NASSAU
COUNTY
CLERK

Exhibit A

METES AND BOUNDS DESCRIPTION
LOTS 26, 27, AND 28, BLOCK 67, SECTION 44
GARDEN CITY, TOWN OF HEMPSTEAD
NASSAU COUNTY, NEW YORK

BEGINNING AT AN IRON BAR WITH CAP SET AT THE INTERSECTION OF THE SOUTHERLY SIDELINE OF OLD COUNTRY ROAD (VARIABLE WIDTH) AND THE EASTERLY SIDELINE OF EAST GATE BOULEVARD (FORMERLY EAST GATE BOULEVARD NORTH, 100 FEET IN WIDTH) RUNNING FROM SAID POINT OF BEGINNING ALONG THE SOUTHERLY SIDELINE OF OLD COUNTRY ROAD THE FOLLOWING THREE (3) COURSES:

1. NORTH 67 DEGREES 00 MINUTES 06 SECONDS EAST, 244.50 FEET TO A POINT, THENCE;
2. NORTH 65 DEGREES 59 MINUTES 58 SECONDS EAST, 653.78 FEET, TO A POINT OF CURVATURE, THENCE;
3. ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 1950.00 FEET, CENTRAL ANGLE OF 05 DEGREES 03 MINUTES 32 SECONDS, AN ARC DISTANCE OF 172.17 FEET, BEARING A CHORD OF NORTH 68 DEGREES 31 MINUTES 44 SECONDS EAST, A CHORD DISTANCE OF 172.11 FEET TO AN IRON BAR WITH CAP SET AT THE INTERSECTION OF THE SOUTHERLY SIDELINE OF OLD COUNTRY ROAD WITH THE WESTERLY SIDELINE OF ZECKENDORF BOULEVARD, THENCE;
4. ALONG THE WESTERLY SIDELINE OF ZECKENDORF BOULEVARD, SOUTH 04 DEGREES 35 MINUTES 24 SECONDS EAST, 876.68 FEET TO AN IRON BAR WITH CAP SET, THENCE;
5. ALONG THE DIVIDING LINE BETWEEN LOTS 16 & 17 BLOCK 67, WITH LOT 28, BLOCK 67 SOUTH 85 DEGREES 24 MINUTES 36 SECONDS WEST, 1070.00 FEET TO THE EASTERLY SIDELINE OF EAST GATE BOULEVARD (F.K.A. EAST GATE BOULEVARD NORTH), THENCE;
6. ALONG THE EASTERLY SIDELINE OF EAST GATE BOULEVARD, NORTH 04 DEGREES 35 MINUTES 24 SECONDS WEST, 899.56 FEET TO THE POINT AND PLACE OF BEGINNING.

CONTAINING = 952,153 SQUARE FEET OR 21.858 ACRES

THIS DESCRIPTION IS WRITTEN WITH REFERENCE TO A TITLE REPORT PREPARED BY CHICAGO TITLE INSURANCE COMPANY, TITLE NO. 3509-00219, WITH AN EFFECTIVE DATE OF AUGUST 17, 2009

ATTACHMENT F

Previous Operators

ATTACHMENT F

SECTION VII PROPERTY'S ENVIRONMENTAL HISTORY
ITEM 7 OPERATORS

A review of historical operators at the property by Environmental Data Resources Inc. (EDR) is attached. The property has been has been unoccupied since 2001 with the exception of the Thomasville Home Furnishings building.

Past land uses at the property include:

- Aircraft Storage and Maintenance
- Electronics Manufacturing Related to Defense Systems
- Rental Car Storage and Maintenance
- Office Space
- Parking Areas

Equity One (Northeast Portfolio) Inc. has had no relationship with any of the previous operators associated with the site.

Property
900 Old Country Road
Garden City, NY 11530

Inquiry Number: 2712947.6
March 05, 2010

The EDR-City Directory Abstract

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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2009 Enhancements to EDR City Directory Abstract

New for 2009, the EDR City Directory Abstract has been enhanced with additional information and features. These enhancements will make your city directory research process more efficient, flexible, and insightful than ever before. The enhancements will improve the options for selecting adjoining properties, and will speed up your review of the report.

City Directory Report. Three important enhancements have been made to the EDR City Directory Abstract:

1. *Executive Summary.* The report begins with an Executive Summary that lists the sources consulted in the preparation of the report. Where available, a parcel map is also provided within the report, showing the locations of properties researched.

2. *Page Images.* Where available, the actual page source images will be included in the Appendix, so that you can review them for information that may provide additional insight. EDR has copyright permission to include these images.

3. *Findings Listed by Location.* Another useful enhancement is that findings are now grouped by address. This will significantly reduce the time you need to review your abstracts. Findings are provided under each property address, listed in reverse chronological order and referencing the source for each entry.

Options for Selecting Adjoining Properties. Ensuring that the right adjoining property addresses are searched is one of the biggest challenges that environmental professionals face when conducting city directory historical research. EDR's new enhancements make it easier for you to meet this challenge. Now, when you place an order for the EDR City Directory Abstract, you have the following choices for determining which addresses should be researched.

1. *You Select Addresses and EDR Selects Addresses.* Use the "Add Another Address" feature to specify the addresses you want researched. Your selections will be supplemented by addresses selected by EDR researchers using our established research methods. Where available, a digital map will be shown, indicating property lines overlaid on a color aerial photo and their corresponding addresses. Simply use the address list below the map to check off which properties shown on the map you want to include. You may also select other addresses using the "Add Another Address" feature at the bottom of the list.

2. *EDR Selects Addresses.* Choose this method if you want EDR's researchers to select the addresses to be researched for you, using our established research methods.

3. *You Select Addresses.* Use this method for research based solely on the addresses you select or enter into the system.

4. *Hold City Directory Research Option.* If you choose to select your own adjoining addresses, you may pause production of your EDR City Directory Abstract report until you have had a chance to look at your other EDR reports and sources. Sources for property addresses include: your Certified Sanborn Map Report may show you the location of property addresses; the new EDR Property Tax Map Report may show the location of property addresses; and your field research can supplement these sources with additional address information. To use this capability, simply click "Hold City Directory research" box under "Other Options" at the bottom of the page. Once you have determined what addresses you want researched, go to your EDR Order Status page, select the EDR City Directory Abstract, and enter the addresses and submit for production.

Questions? Contact your EDR representative at 800-352-0050. For more information about all of EDR's 2009 report and service enhancements, visit www.edrnet.com/2009enhancements

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2008	Cole Criss-Cross Directory	-	X	X	-
1997	Cole Criss-Cross Directory	X	X	X	-
1992	Cole Criss-Cross Directory	X	X	X	-
1987	Cole Criss-Cross Directory	X	X	X	-
1982	Cole Criss-Cross Directory	X	X	X	-
1977	Cole Criss-Cross Directory	X	X	X	-
1972	Cole Criss-Cross Directory	X	X	X	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

900 Old Country Road
Garden City, NY 11530

FINDINGS DETAIL

Target Property research detail.

Year	Uses	Source
1997	Anacomp Inc	Cole Criss-Cross Directory
	Avia World Hdqtrs	Cole Criss-Cross Directory
	Avis Rent A Ntnwd	Cole Criss-Cross Directory
	Cernitz H J Atty	Cole Criss-Cross Directory
	Cylix Commcxtn Corp	Cole Criss-Cross Directory
	We Try Harder Inc	Cole Criss-Cross Directory
	Wizcom Intrntl	Cole Criss-Cross Directory
1992	Anacomp Inc	Cole Criss-Cross Directory
	Avis Rent A Ntnwd	Cole Criss-Cross Directory
	Cernitz H J Atty	Cole Criss-Cross Directory
	H Breecke CPA	Cole Criss-Cross Directory
	J Forster Travel	Cole Criss-Cross Directory
	We Try Harder Inc	Cole Criss-Cross Directory
1987	Anacomp Inc	Cole Criss-Cross Directory
	Avis Rent A Ntnwd	Cole Criss-Cross Directory
	Cernitz H J Atty	Cole Criss-Cross Directory
	Chemical Bank	Cole Criss-Cross Directory
	We Try Harder Inc	Cole Criss-Cross Directory
1982	Avis Rent A Ntnwd	Cole Criss-Cross Directory
	Chemical Bank	Cole Criss-Cross Directory
	We Try Harder Inc	Cole Criss-Cross Directory
1977	Avis Rent A Ntnwd	Cole Criss-Cross Directory
	Cross & Brown RI Est	Cole Criss-Cross Directory
1972	Ambac Indstrs Inc	Cole Criss-Cross Directory
	Avis Rent A Ntnwd	Cole Criss-Cross Directory
	Cross & Brown RI Est	Cole Criss-Cross Directory
	ITT Corp	Cole Criss-Cross Directory

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

Old Country Road

Old Country Road

Year	Uses	Source
2008	No other addresses in range 800 - end of Old Country Rd	Cole Criss-Cross Directory
1997	No other addresses in range 800 - end of Old Country Rd	Cole Criss-Cross Directory
1992	No other addresses in range 800 - end of Old Country Rd	Cole Criss-Cross Directory
1987	No other addresses in range 800 - end of Old Country Rd	Cole Criss-Cross Directory
1982	No other addresses in range 800 - end of Old Country Rd	Cole Criss-Cross Directory
1977	No other addresses in range 800 - end of Old Country Rd	Cole Criss-Cross Directory
1972	No other addresses in range 800 - end of Old Country Rd	Cole Criss-Cross Directory

820 Old Country Road

Year	Uses	Source
1972	Marbetts Restrnt	Cole Criss-Cross Directory

830 Old Country Road

Year	Uses	Source
2008	Calendar Club Service	Cole Criss-Cross Directory

850 Old Country Road

Year	Uses	Source
2008	Campbell & Co Inc	Cole Criss-Cross Directory
	Home Furnishings Of Garden City	Cole Criss-Cross Directory
	Thomasville Home Furnishings	Cole Criss-Cross Directory
1997	F R Grdn Cty Corp	Cole Criss-Cross Directory
	Fur Vault Westbury	Cole Criss-Cross Directory
1992	F R Grdn Cty Corp	Cole Criss-Cross Directory
	Fur Vault Westbury	Cole Criss-Cross Directory
1987	F R Grdn Cty Corp	Cole Criss-Cross Directory
	Fur Vault Westbury	Cole Criss-Cross Directory

FINDINGS

Year	Uses	Source
1987	Harfred	Cole Criss-Cross Directory
1982	Arma Div Ambac Ind	Cole Criss-Cross Directory

FINDINGS

TARGET PROPERTY: ADDRESS NOT LISTED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not listed in the research source.

Address Researched	Address Not Listed in Research Source
900 Old Country Road	2008

ADJOINING PROPERTY: ADDRESSES NOT LISTED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not listed in research source.

Address Researched	Address Not Listed in Research Source
830 Old Country Road	1997, 1992, 1987, 1982, 1977, 1972
850 Old Country Road	1977, 1972

ATTACHMENT G

Contact List Information

ATTACHMENT G

SECTION VIII CONTACT LIST INFORMATION
ITEMS 1 THROUGH 7

Item 1

Nassau County Executive:
Edward P. Mangano
1550 Franklin Avenue
Mineola, New York 11501
516.571.3131

Nassau County Planning Commission Chair:
Jeffrey H. Greenfield
100 County Seat Drive
Mineola, New York 11501
516.571.5844

Town of Hempstead Supervisor:
Kate Murray
Hempstead Town Hall
One Washington Street
Hempstead, New York 11550
516.489.5000

Town of Hempstead Planning Department Commissioner:
George Bakich
200 N. Franklin Street
Hempstead, New York 11550
516.538.7100

Item 2

The following two properties adjoin the Site:

Verizon Communications
East Gate Boulevard
Garden City, New York 11530

AAR Component Services, Inc.
747 Zeckendorf Boulevard
Garden City, New York 11530
Chairman and CEO David P. Storch
516.222.9000

The following properties are across Old Country Road to the north of the Site:

AT&T
333 Old Country Road
Carle Place, New York 11514
516.333.2192

British Petroleum
345 Old Country Road
Carle Place, New York 11514
516.997.7323

Washington Mutual
400 Old Country Road
Carle Place, New York 11514
516.876.0789

Dress Shoe Warehouse
357 Old Country Road
Carle Place, New York 11514
516.876.0204

There is also a strip mall with several stores including a bridal shop and a Chinese food restaurant, among others.

The following properties are across East Gate Boulevard to the west of the Site:

Wendy's
820 Old Country Road
Garden City, New York 11530
516.228.9040

Buy Buy Baby
895 Eat Gate Boulevard
Garden City, New York 11530
516.507.3400

The following properties are across Zeckendorf Boulevard to the east of the Site:

Office Max
1080 Old Country Road
Westbury, New York 11590
516.222.1535

Best Buy
1100 Old Country Road
Westbury, New York 11590
516.357.9025

Item 3

Local print news media includes Newsday, which is printed daily and has a circulation of 398,231 and The Hempstead Beacon, which is printed weekly (on Fridays) and has a circulation of 4,800.

Local television news media includes Long Island News Channel 12 and WLNY TV Channel 55.

Local radio news media includes WHLI 1100 AM, WALK 97.5 FM, WLIR 107.1 FM and WBZO 103.1 FM

Item 4

The public water supplier serving the area in which the property is located is the Town of Hempstead Water Department, Roosevelt Field Water District, with offices located at 1995 Prospect Avenue in East Meadow, New York, 11554, telephone number 516.794.8300.

Item 5

None identified.

Item 6

None Identified.

Item 7

Document repositories available in the area include:

Garden City Public Library
60 Seventh Street
Garden City, New York 11530
516.742.8405

Westbury Memorial Public Library
445 Jefferson Street
Westbury, New York 11590
516.333.0176

The document repository specific to the site is to be determined.

ATTACHMENT H

SECTION IX ITEM 9 NATURAL RESOURCES IN PROXIMITY TO THE SITE

There are no identified wetlands on or adjacent to the Site. There are three mapped wetlands within ½ mile of the Site. All three wetlands are located to the northwest of the Site adjacent to the railroad tracks and are indentified as excavated stormwater recharge basins. These areas should not be impacted based upon proposed development plans.

ATTACHMENT H

Natural Resources in Proximity to the Site

ATTACHMENT I

Residential, Commercial, Industrial, Agricultural, and Recreational Property Usage in Proximity to the Site

ATTACHMENT I

SECTION IX ITEM 12
RESIDENTIAL, COMMERCIAL, INDUSTRIAL, AGRICULTURAL, AND RECREATIONAL PROPERTY USAGE IN PROXIMITY TO THE SITE

The property is bordered to the north by Old Country Road. Further north (across Old Country Road) are retail operations including a cell phone store, retail strip store, restaurant, and diner, and commercial operations including a gasoline filling station, catering hall, and hotel. North of the retail and commercial operations are residential houses. The residential properties are located approximately 300 feet north of the Site.

The property is bordered to the east by Zeckendorf Boulevard. Further east (across Zeckendorf Boulevard) are retail operations such as an office supply store, electronics store, and a retail shopping center. The property is bordered to the west by E. Gate Boulevard. Further west (across E. Gate Boulevard) are retail operations including a restaurant, furniture store, and infant clothing store, and commercial operations such as a beverage warehouse, hotel, and medical office buildings. The property is adjoined to the south by a commercial operation (Verizon Operations Center), and an industrial operation known as AAR Components, Inc. (AAR). AAR is involved in the refurbishing and resale of aircraft instruments and equipment.

There are no agricultural or recreational land uses in proximity to the Site. The adjacent and nearby property usages are identified in Figure 2.

ATTACHMENT J

Land Use Factors

ATTACHMENT J

SECTION IX
LAND USE FACTORS

Item 13 – Potential For Migration Of Groundwater Contamination

Previous investigations at the site have documented concentrations of chlorinated solvents in groundwater above NYSDEC groundwater quality standards. The area south and southwest (i.e. hydraulically downgradient) of the site is serviced by the Roosevelt Field Water District which is operated by the Town of Hempstead Department of Water. A review of computerized data base information provided by EDR indicates there are no public water supply wells within 0.5 miles downgradient of the site.

Item 14 – Site Geology and Hydrology

According to the Soil Survey of Nassau County, New York (USDA, 1987), soils at the subject property are classified as Urban Land. This classification is characterized as areas where at least 75 percent of the land surface is covered by buildings, roads, asphalt, concrete or other impervious building materials. These areas are mostly parking lots, shopping centers, industrial parks, or institutional sites. The topography of the Site is relatively flat and covered by five building structures, paved parking lots, and paved interconnecting access roads. There is no vegetation on Site with the exception of a narrow strip of landscaping along the north side of the Avis Building. Regionally, the area is underlain by unconsolidated Pleistocene and Cretaceous deposits of gravel, sand, silt, and clay that overlie metamorphic and igneous Precambrian bedrock.

According to the U.S. Geological Survey (USGS) topographic map of the Freeport, New York quadrangle, the Site is located at an elevation of approximately of approximately 85 feet above mean sea level. According to the Nassau County Water Table Elevation Map prepared by the Nassau County Department of Public Works (NCDPW, 2003), the water table beneath the Site is located at approximately 60 feet above mean sea level. Therefore, depth to groundwater is estimated to be approximately 25 feet below land surface.

There are no surface water bodies located on or adjacent to the Site. According to the New York State Department of Environmental Conservation (NYSDEC) Freshwater Wetlands Map of Nassau County, Map No. 10 of 15, Freeport Quadrangle, there are no freshwater wetlands located on or adjacent to the Site. The National Wet6land Inventory (NWI) Map No. 306, Freeport Quadrangle does not indicate the presence of wetlands on or adjacent to the Site.