Stantec Consulting Services Inc.
61 Commercial Street
Rochester NY 14614
Tel: (585) 475-1440
Fax: (585) 272-1814

Stantec

November 21, 2012
File: 190500751

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

Reference: Brownfield Cleanup Program Application and Remedial Investigation Work Plan
BCP #C828184
Carriage Factory, 33 Litchfield Street, Rochester, NY 14608

Dear Chief, Site Control Section,

On behalf of Carriage Factory Special Needs Apartments, L.P., and as a follow-up to the Department's November 16, 2012 letter, please find enclosed the required paper and electronic copies of the revised application requesting admission of the property known as the Carriage Factory, 33 Litchfield Street, Rochester, NY 14608 (Site) into the New York State Department of Environmental Conservation Brownfield Cleanup Program. Also, please find enclosed electronic and hard copies of the proposed Remedial Investigation Work Plan for the Site, for which we request a combined review.

As a follow-up to correspondence with Ms. Bernadette Anderson of your staff, the Requestor's Representative, and consequently the Requestor's address, has been changed from the original application submittal to correctly identify the Requestor's authorized representative.

Should you have any questions or require further information, please contact me.

Regards,

STANTEC CONSULTING SERVICES INC.

Michael P. Storonsky
Managing Principal, Environmental Services
Tel: (585) 413-5266
Fax: (585) 272-1814
mike.storonsky@stantec.com

Attachment: Brownfield Cleanup Application – one paper copy with original signatures and supplemental attachments, and one complete electronic copy
Remedial Investigation Work Plan – one paper and one electronic copy

c. Bart Putzig, w/copies
Mark Fuller
James Whalen
Gillian Conde
Al Floro
Jon Penna
File

RECEIVED
NOV 26 2012
BUREAU OF TECHNICAL SUPPORT

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 Carriage Factory Special Needs Apartments, L.P.

ADDRESS 1931 Buffalo Road

CITY/TOWN Rochester, New York ZIP CODE 14624

PHONE 585-719-3170 | FAX 585-426-8082 | E-MAIL JWhalen@depaul.org

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 James M. Whalen, Treasurer, Carriage Factory Special Needs Apartments, L.P.

ADDRESS 1931 Buffalo Road

CITY/TOWN Rochester, New York ZIP CODE 14624

PHONE 585-719-3170 | FAX 585-426-8082 | E-MAIL JWhalen@depaul.org

NAME OF REQUESTOR'S CONSULTANT Stantec Consulting Services Inc., Attention: Mr. Michael P. Storonsky

ADDRESS 61 Commercial Street

CITY/TOWN Rochester, New York ZIP CODE 14614

PHONE 585-413-5266 | FAX 585-272-1814 | E-MAIL mike.storonsky@stantec.com

NAME OF REQUESTOR'S ATTORNEY Nixon Peabody LLP, Attention: Mr. Allan E. Floro, Esq.

ADDRESS 1300 Clinton Square

CITY/TOWN Rochester, New York ZIP CODE 14604

PHONE (585) 263-1603 | FAX (866) 947-0479 | E-MAIL afloro@nixonpeabody.com

THE REQUESTOR MUST CERTIFY THAT HE/SHE IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL 27-1405 (1) BY CHECKING ONE OF THE BOXES BELOW:

☐ PARTICIPANT
A requestor who either 1) 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 See Attachment A.
-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 Carriage Factory

ADDRESS/LOCATION 33 Litchfield Street CITY/TOWN Rochester, New York ZIP CODE 14608

MUNICIPALITY(IF MORE THAN ONE, LIST ALL): City of Rochester

COUNTY Monroe SITE SIZE (ACRES) 1.506 (per survey)

LATITUDE (degrees/minutes/seconds) 43 ° 09 ' 14.25 " LONGITUDE (degrees/minutes/seconds) -77 ° 37 ' 32.71 "

HORIZONTAL COLLECTION METHOD: ☐SURVEY ☐GPS ☑MAP HORIZONTAL REFERENCE DATUM: NAD83

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
33 Litchfield Street	120.36-2-20	120.360	0002	020	1.51

1. Do the property boundaries correspond to tax map metes and bounds? See Attachment B. ☑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) Monroe County Census Tract 96.01
   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:

The Site is currently unoccupied and contains one four-story, brick-walled, wood-frame building, with a basement. The building is approximately 78,000 sq. ft. in size and was reportedly constructed circa 1910, before which the property was residential and a lumber yard. The Phase I ESA determined that historical Site operations included manufacture of wood trim/accent-related products for the automotive industry, other automotive parts, and clothing washers and dryers. A variety of commercial and industrial tenants have also occupied the building between 1962 and 1993 (see Attachment E).

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

Easement Holder	Description
RG&E	Steam lines under, on, or adjacent to premises
Barbara Hoffman	Fence agreement at south portion of site

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		

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 Rochester Rentals LLC, Attn: Mr. George Traikos, President		
ADDRESS 460 Buffalo Road Suite 110		
CITY/TOWN Rochester, New York	ZIP CODE 14606	
PHONE 954-815-1541	FAX	E-MAIL george@traikos.us
OPERATOR'S NAME None		
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 H.

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					
Chlorinated Solvents	x	x			x
Other VOCs					
SVOCs	x				
Metals	x				
Pesticides	x				
PCBs					
Other*					

*Please describe: Please see data in Attachments D and H.

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					
SVOCs					
Metals					
Pesticides					
PCBs					
Other*					

*Please describe: _____

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: _____

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.

Section VIII. Contact List Information

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

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)) See Attachment G.

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)).	☐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?	☑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.	
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.	
16. Describe the geography and geology of the site in an attachment.	

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 Treasurer (title) of (Carriage Factory Special) Needs Apts, L.P. (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: 11/20/12 Signature: James M Whalen Print Name: James M. Whalen

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:** _____

Attachment A

Printout of Requestor's information from the New York State Department of State Corporation & Business Entity Database

and

Property Purchase Option Documentation

(Supplemental Information for Section I)

NYS Department of State

Division of Corporations

Entity Information

The information contained in this database is current through September 28, 2012.

Selected Entity Name: CARRIAGE FACTORY SPECIAL NEEDS APARTMENTS, L.P.

Selected Entity Status Information

Current Entity Name:	CARRIAGE FACTORY SPECIAL NEEDS APARTMENTS, L.P.
DOS ID #:	4044126
Initial DOS Filing Date:	JANUARY 19, 2011
County:	MONROE
Jurisdiction:	NEW YORK
Entity Type:	DOMESTIC LIMITED PARTNERSHIP
Current Entity Status:	ACTIVE

Selected Entity Address Information

DOS Process (Address to which DOS will mail process if accepted on behalf of the entity)

CARRIAGE FACTORY SPECIAL NEEDS APARTMENTS, L.P.
1931 BUFFALO ROAD
ROCHESTER, NEW YORK, 14624

Registered Agent

NONE

***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

JAN 19, 2011	Actual	CARRIAGE FACTORY SPECIAL NEEDS APARTMENTS, L.P.

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.

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OPTION AGREEMENT

This Option Agreement is made this 29th day of July, 2010, between Rochester Rentals, LLC, with offices at 100 Beaver Road, Suite 3, Churchville, New York 14428 (the "Seller"), and DePaul Properties, Inc., with offices at 1931 Buffalo Road, Rochester, New York 14624, (the "Purchaser").

RECITALS

WHEREAS, the Seller is the owner of a certain parcel of land, located at 33 Litchfield Street, Rochester, New York, known as tax parcel number 120.36-2-20;

NOW, THEREFORE, in consideration of One and More Dollars ($1.00 and more) and other valuable consideration, the receipt and sufficiency of which the Seller acknowledges, the Seller and Purchaser agree as follows:

1. Due Diligence Period. Upon execution of this Option Agreement, Seller hereby grants to Purchaser sixty (60) days in which Purchaser shall have the right to conduct such tests, inspections and appraisals of the property and perform such other due diligence as Purchaser, in its sole discretion, shall deem warranted in order to satisfy itself as to the general physical condition, valuation and suitability of the property for Purchaser's intended use. Purchaser agrees that should it become aware of any defect to the structure, or environmental contamination thereof, that its sole remedy shall be to terminate this Option Agreement, without further obligation to Seller. Unless the parties agree otherwise, the Seller shall not be responsible for the repair or remediation thereof, and Purchaser agrees that it will accept the property in "as-is" condition as of the date of closing. If the Purchaser elects to purchase the property, the purchaser and its assignee shall execute at closing an environmental indemnification agreement releasing and indemnifying Seller and its officers and members from any claims, liabilities and damages for any environmental contamination or other hazardous substance and petroleum products now known or hereinafter discovered to be present on the property in form acceptable to the Seller.

A. Purchaser may investigate, and upon Seller's prior written consent, apply for and obtain any governmental permits and approvals deemed necessary by Purchaser for Purchaser's use and occupancy of the Property under applicable laws, ordinances and regulations governing zoning, land use, building and occupancy of the Property. It is understood that Purchaser shall not apply for a change in zoning classification and that Purchaser is satisfied with the Property's current zoning classification.

B. Purchaser may perform at Purchaser's cost a Phase I environmental assessment of the Property (the "Phase I") through a professional environmental consultant selected by the Purchaser. Purchaser may also request permission from the Seller for a Phase II (the "Phase II") environmental assessment to be performed. Purchaser shall not conduct a site inspection of the Property without Seller's prior consent, which consent shall not be unreasonably withheld. If Seller has a Phase I environmental assessment report of the Property, Seller will furnish Purchaser a copy of said Phase

I report at no cost to Purchaser. Seller shall be provided with a copy of all environmental assessment reports and if Purchaser fails to purchase the property, Purchaser will assign all of its right, title and interest in such reports to Seller.

C. Purchaser or his representative may perform any engineering studies of the Property, including the buildings, deemed necessary by Purchaser to determine the Property's condition and suitability for use by Purchaser and/or its Tenants. In connection with the Purchaser's activities under this Paragraph 1, Seller shall make available to Purchaser at the Property any drawings, maps, plans, specifications or reports (including environmental), relating to the Property and in Seller's possession.

D. Purchaser and Purchaser's agents, contractors, representatives and employees shall have the right, but only with Seller's prior consent (which consent will not be unreasonably withheld), to enter the Property subject to the terms and conditions of the existing leases on the Property for the purpose of conducting any activities permitted under this Paragraph 1. Prior to entry all contractors shall be fully insured with all commercial liability insurance and shall provide proof of such insurance to Seller in form acceptable to Seller before any environmental audits or other inspections are undertaken on the property.

E. If Purchaser is not satisfied with any of the matters to be investigated by Purchaser under this Paragraph 1, the Purchaser shall provide the Seller with a written notice of non-satisfaction on or before the end of the sixty (60) day period. If the Purchaser does not provide the Seller with notice of non-satisfaction on or before the end of the sixty (60) day period, the conditions stated in this Paragraph 1 shall be deemed satisfied or waived by the Purchaser. If the Purchaser provided the Seller with timely notice of non-satisfaction, and the parties do not enter into a written agreement addressing the Purchaser's objections either the Purchaser or the Seller may terminate this Agreement at any time within fifteen (15) days thereafter. Upon termination of this Agreement under this Paragraph 1, neither party shall have any further rights or obligations under this Agreement except as otherwise specifically provided in this Agreement.

F. Purchaser agrees to indemnify Seller and Seller's members and officers against any claims or damages or injuries caused by or resulting from Purchaser's entry upon the Property. Any damage caused by Purchaser, its agents or employees in the course of entry upon the Property shall be promptly repaired by Purchaser at no cost whatsoever to Seller so as to return the Property to substantially the same condition existing prior to such damage. At no time prior to closing will Purchaser have the right to erect sign on the Property, except as may be necessary or required as part of obtaining zoning changes or permits such signs being subject, however, to local zoning regulations.

2. Option Grant. a. Upon expiration of the sixty (60) day Due Diligence Period, the Purchaser shall pay to the Seller Fifty Thousand Dollars ($50,000.00) (the "Option Price"), upon the receipt of which the Seller does hereby grant, bargain and sell to the Purchaser an exclusive and irrevocable option to purchase the Premises for a two (2) year term on the terms and conditions set forth in this Option Agreement (the "Option") for the sum of Five Hundred Thousand Dollars

($500,000.00) (the "Purchase Price"). The Purchaser shall be permitted to extend the Option Period (as hereinafter defined) for two (2) additional consecutive periods of six months each ("Extension" periods), by paying to the Seller the additional sum of $20,000.00 for each six (6) month extension. Each payment made by the Purchaser for an extension shall be part of the Option Price. The Purchaser must send Notice to the Seller if it chooses to extend the Option Period on or before the Expiration Date (as hereinafter defined) or the expiration of the Extension the Purchaser chooses to extend.

b. If the Purchaser does not exercise the Option, the Option Price shall be treated as consideration for the Option Agreement free of any claims by the Purchaser and, upon the expiration of the Option Agreement, neither the Purchaser or the Seller shall have any further claim against the other arising out of this Option Agreement.

2. Option Period. This Option Agreement and the rights and privileges granted under it shall be for a period of Two (2) years, commencing upon the expiration of the Due Diligence Period as described in paragraph 1 hereof (the "Option Period").

3. Notice of Exercise of Option. The Option is to exercised during the Option Period by Notice of such exercise given by the Purchaser to the Seller.

4. Contract of Sale. If the Purchaser exercises the Option, the Seller and the Purchaser shall be deemed, upon the exercise of the Option, to have entered into the Contract of Sale in the form attached hereto as Exhibit "A" (the "Contract").

5. Access to Premises. At any time during the Option Period, the Purchaser, its officers, agents, employees and designees, including without limitation, consultants engaged by the Purchaser, shall have the right to enter upon the Premises, pursuant to paragraph 1D hereof for any purpose related to the Purchaser's decision whether to exercise the Option, including without limitation, for the purpose of examination, taking measurements and conducting tests on and to the Premises, including test borings and environmental tests. The Purchaser shall repair any damage to the Premises caused by the Purchaser, its officers, agents, employees and designees during the exercise of the right of entry granted under this Option Agreement.

6. Sellers Cooperation. The Seller agrees to cooperate with the Purchaser, it officers agents, employees and designees and any consultants engaged by the Purchaser (at Purchaser's sole cost and expense) to evaluate the Premises for any purpose related to the Purchaser's decision whether to exercise the Option. Upon the execution of this Agreement, the Seller shall deliver to the Purchaser the un-redated abstract of title, copies of all environmental and other reports currently in the Seller's possession, including any and all notices received by the Seller from federal, state or local governments or agencies.

7. Intentionally left blank.

8. Assignment. The Purchaser may assign its rights under this Option Agreement and the Contract to a wholly owned affiliate. Once the Contract is deemed to be effective, the Seller

shall release the Purchaser of any obligations under the Contract (except for the Purchaser's release and indemnification obligations which are to be executed at closing as noted in paragraph 1 above) and the parties shall have no further rights or obligations against each other.

9. Broker. The Seller and Purchaser each represent that this Option Agreement was not brought about by a broker entitled to a commission in connection therewith, or the transaction contemplated thereby. The parties shall indemnify and defend each other against any costs, or expenses, including attorney's fees, arising out of the breach of their representations contained in this Section. The representations and obligations of the Seller and the Purchaser in this Section shall survive the closing of title to the Premises, or, if the closing of title to the Premises does not occur, the termination of this Option Agreement.

10. Notice. All notices (each, a "Notice") required to be given under this Option Agreement shall be deemed effective when sent and shall be in writing, delivered personally or by prepaid certified mail, return receipt requested, Federal Express or other similar private overnight courier, addressed as follows:

a. Seller: Rochester Rentals, LLC
100 Beaver Road, Suite 3
Churchville, New York 14428

With a copy to: E. Adam Leyens, Esq.
290 Linden Oaks
Rochester, New York 14625

b. Purchaser: DePaul Properties, Inc.
1931 Buffalo Road
Rochester, New York 14624

With a copy to: Robert G. Lamb, Jr., Esq.
One East Main Street, Suite 510
Rochester, New York 14614

11. Miscellaneous. a. This Option Agreement constitutes the entire agreement between the parties and supercedes all prior or other agreements and representations in connection with the purchase of the Premises. All other terms, covenants, provisions, conditions and agreements set forth or provided for in this Option Agreement shall be binding upon and inure to the benefit of the parties and their respective heirs, distributees, executors, administrators, successors and assigns. Whenever possible, each provision of this Option Agreement shall be interpreted in such manner as to be effective and valid under law, it shall be deemed modified to conform to the minimum requirements of such law, or, if for any reason it is not deemed so modified, it shall be prohibited or invalid only to the extent of such prohibition or invalidity without the remainder thereof or any other such provision being prohibited or invalid.

b. Either party will execute, at the request of the other, a memorandum of this Option Agreement for recording in the Monroe County Clerk's Office in accordance with the provisions of Section 294 of the New York Real Property Law. Upon the expiration or termination of the Option Agreement, purchaser shall promptly terminate the memorandum of the Option at its sole cost and expense.

c. Unless ths Option Agreement has been fully executed by the Purchaser and an original executed copy thereof has been sent to the Seller by August 1, 2010, this Agreement shall become null, void and of no further force and effect.

IN WITNESS OF WHICH, the Purchaser and the Seller have executed this Option Agreement.

SELLER:
Rochester Rentals, LLC

By: George Traikos

PURCHASER:
DePaul Properties, Inc.

By: Gillian Conde VP

STATE OF NEW YORK }
COUNTY OF MONROE } SS.:

On the 29 day of July, 2010, before me personally came George Traikos, to me known to be the individual described in, and who executed the foregoing instrument, and acknowledged that he executed the same.

Robert G. Lamb Jr.
NOTARY PUBLIC

STATE OF NEW YORK }
COUNTY OF MONROE } SS.:

ROBERT G. LAMB, JR.
NOTARY PUBLIC IN THE STATE OF NEW YORK
QUALIFIED IN MON. CO. NO. 02LA7408450
MY COMMISSION EXPIRES AUG. 31, 2014

On the 29 day of July, 2010, before me personally came Gillian Conde, to me known to be the individual described in, and who executed the foregoing instrument, and acknowledged that he executed the same.

Robert G. Lamb Jr.
NOTARY PUBLIC

ROBERT G. LAMB, JR.
NOTARY PUBLIC IN THE STATE OF NEW YORK
QUALIFIED IN MON. CO. NO. 02LA7408450
MY COMMISSION EXPIRES AUG. 31, 2014

PURCHASE AND SALE AGREEMENT

THIS AGREEMENT (the "Agreement") made as of July 29, 2010 by and between **DEPAUL PROPERTIES, INC.**, a New York not-for-profit corporation, with offices at 1931 Buffalo Road, Rochester, New York 14624 (the "Purchaser"), and **ROCHESTER RENTALS, LLC**, a New York limited liability company, with offices at: 100 Beaver Road, suite 3, Churchville, New York 14428 (the "Seller").

WITNESSETH:

NOW, THEREFORE, in consideration of the foregoing and the mutual covenants and representations herein contained, and for other good and valuable consideration, the receipt of which is hereby acknowledged, the parties agree as follows:

1. **Sale and Purchase: Description of Property**
Seller agrees to sell and convey all of Sellers right, title and interest to the Purchaser and the Purchaser agrees to purchase from the Seller the following:

1.1. **Improved Real Property** - all that certain parcel of land situated in the City of Rochester, County of Monroe, State of New York, known as: 33 Litchfield Street being a 4 story brick building and asphalt parking area on a parcel of land approximately 1.51 acres, and all buildings an improvements located thereon (the "Buildings"), and identified as Tax Map No.120.36-2-20 as more particularly described in a Warranty Deed dated December 10, 2007, recorded in the Monroe County Clerk's Office on December 11, 2007 in Book of Deeds 10555, page 478, and as shown on the survey attached hereto as Exhibit "A" (the "Property").

TOGETHER ALSO with the appurtenances thereto and al the right, title and interest, if any, of the Seller in and to any land lying in the bed of any public street, road or avenue opened or proposed, in front of or adjoining said parcels of land, to the center line thereof; and

TOGETHER ALSO with all right, title and interest of Seller, if any, in and to any award made or to be made in lieu thereof and in and to any unpaid award for damages to said parcel by reason of change of grade of any street; and

TOGETHER ALSO with strips and gores of land adjoining or abutting the Property, if any.

1 **Personal Property** - NONE

2. **Purchase Price**
The total consideration to be paid by the Purchaser to the Seller for the aforesaid Property shall be the sum of Five Hundred Thousand and No/100 Dollars US ($500,000.00) (the "Purchase Price").

3. **Payment of Purchase Price**
The payment of Purchase Price shall be payable at Closing as follows:

3.1 The sum of Fifty Thousand and 00/100 Dollars US ($50,000.00) paid at the time of execution of the Option Agreement shall not be credited to the Purchase Price.

3.2 The Purchase Price in the amount of Five Hundred Thousand and No/100 Dollars US ($500,000.00) shall be paid from the proceeds of a conventional first mortgage covering the Property, or such other financing as Purchaser shall arrange, obtained from a lending institution at such interest rate and upon such terms and conditions are as satisfactory to Purchaser. Purchaser shall make application for said mortgage commitment immediately upon exercise of the Option as contained in a certain Option Agreement, dated July 29, 2010. In the event that Purchaser is unable to obtain financing within the Option Period and any extensions thereto, this Agreement shall be null and void.

4. **Representations and Warranties and Covenants of Seller**
Seller hereby represents and warrants the following:

4.1 Seller owns the real property described in Paragraph 1.1. Exhibit "A" & "A-1" (hereinafter collectively known as Exhibit "A") in fee simple absolute and it has the power to convey title to the real property in accordance with the terms and conditions of the Purchase and Sale Agreement.

4.2 Seller owns the fixtures, equipment and items of personal property described in Paragraph 1.2 and it has the power to convey title to this property in accordance with the terms and conditions of this Purchase and Sale Agreement.

4.3 Purchaser agrees that it will accept the property in "as-is" condition as of the date of closing, and that Seller shall not be responsible for any repair thereof.

4.4 The Seller has complete authority to execute this Purchase and Sale Agreement and to deliver any and all documents and title set forth herein. This Agreement has been duly executed and delivered by Seller and constitutes a valid and binding agreement of Seller enforceable with its terms. Neither the execution and delivery of the Agreement nor the consummation of the transaction contemplated hereby will constitute a violation or breach by Seller of any agreement, instrument, judgment, order or injunction to which Seller is a party or by which Seller or the Property may be bound.

4.5 To the best of Seller's knowledge, as of the date of this Purchase and Sale Agreement, no notice from any governmental or other public authority has been served upon the Seller or anyone on the Seller's behalf, in relation to the Property including notices relating to violations of environmental, building safety or fire laws or ordinances which remain uncorrected. Seller will notify Purchaser of any such notices received between the date of

the execution of this Purchase and Sale Agreement and the day of Closing and Seller shall be responsible for correcting any such violations.

4.6 To the best of Seller's knowledge, there is no litigation or proceedings before any court, commission, agency or other administrative authority pending, or to Seller's actual knowledge, threatened against or affecting the Property or arising out of or by virtue of Seller's ownership of the Property which, if decided adversely to Seller, would in any way materially adversely affect the Property.

4.7 To the best of Seller's knowledge, there are no existing maintenance or other contracts affecting the Property, nor are there any existing tenant leases. No contract for or on behalf of or affecting the Property shall be negotiated or entered into by Seller subsequent to the execution of this Agreement which will not be fully performed or cannot be terminated on or before Closing without charge, cost, penalty or premium.

4.8 Intentionally deleted.

4.9 Intentionally deleted.

4.10 Neither Seller nor its agents shall market, advertise, solicit or seek other purchase offers or potential purchasers for the Property unless this Purchase and Sale Agreement is terminated.

4.11 Intentionally deleted.

4.12-4.14 Intentionally deleted.

4.15 To the best of Seller's knowledge, there is gas, sewer, water available for use at the boundary line of the property.

4.16 Seller presently has in force adequate liability insurance with respect to the Property both real and personal, to be sold under this Agreement and Seller shall maintain the insurance in force until Closing.

4.17 Seller does not know and has no reasonable grounds for knowing any state of facts which would affect the truth and accuracy of the warranties and contained herein. No warranty or representation and no statement contained in any certificate or other instrument delivered to Purchaser contains or will contain any untrue statement of material fact, or omits or will omit to state a material fact necessary to make them not misleading.

4.18 All of the representations and warranties of Seller contained in this Agreement shall be true and correct as of the Closing Date as if once again made on the date thereof. Seller shall deliver a certificate to Purchaser to such effect on the Closing Date, which

certificate shall also certify that Seller has complied with its covenants contained in this Paragraph.

4.19 The risk of loss or damage to the Property, real and personal, by fire or other causes until delivery of the deed is assumed by Seller. Purchaser's sole remedy in the event of damage or loss to the property prior to closing is the termination of this agreeement.

5. Intentionally deleted.

6. **Title Evidence**
At least thirty (30) days prior to the date of Closing, the Seller shall deliver to the Purchaser's attorney the following documents and evidence of title to the Property.

6.1 A current abstract or abstracts of title prepared by an abstract company duly qualified to do business in the State of New York, covering the Improved Real Property described in Paragraph 1.1 hereof, Exhibit "A", for a period of at least Sixty (60) years and beginning with a warranty deed or other acceptable source of title.

6.2 A current instrument survey of the Improved Real Property, certified to be correct to the Purchaser, Purchaser's Attorney, Purchaser's Lender and to Purchaser's title company, which survey shall be in sufficient detail to show and identify any and all buildings, structures, encroachments, street lines, fences, easements, rights of way, building lines or setbacks, improvements, driveways, parking area, overhead transmission lines, and utility poles.

6.3 A fully guaranteed city and county tax search and receipted current tax bills, covering the Improved Real Property.

6.4 A current United States District Court Search and current State and County Uniform Commercial Code Searches.

7. **Title Documentation**
At the Closing, the Property shall be conveyed by Seller to the Purchaser by the following instruments, which instruments shall be in sufficient form to convey the quality of title hereinafter described, and delivery of these instruments and the documents described in Paragraph 15.2 shall be a condition of Closing.

7.1 As to the Improved Real Property described in Paragraph 1.1 hereof, Exhibit "A", a good and sufficient Warranty Deed with Lien Law Section 13 covenant, said deed to convey good and marketable title to the Property, free and clear of all liens and encumbrances, subject to:

(a) Provisions of existing building and zoning laws;
(b) The easements, restrictions and other material matters approved by Purchaser's

attorney except Purchaser agrees to accept title subject to public utility easements provided the easements do not encroach upon existing improvements on the Property, and restrictive covenants of record, if any, provided that those covenants have not been violated; and

(c) Taxes and assessments which are a lien but which are not yet due and payable.

7.2 As to the fixtures, equipment and personal property including those items described in paragraph 1.2, if any:

(a) A bill of sale conveying good and marketable title to all included Personal Property, free and clear of all claims, mortgages, liens, security interests and other encumbrances; and

(b) Proof that any liens, security interests and other encumbrances affecting this Property have been discharged.

7.3 As to the Property:

(a) Seller's certification under IRC Section 1445.

8. **Adjustments**

Rents, taxes, special assessments, sewer charges, water, utilities, and all other prepaid and unpaid charges affecting the Property shall be prorated and adjusted as of the Closing. Real estate taxes and special assessments and levies shall be adjusted and apportioned based on the fiscal year of each taxing or levying jurisdiction involved. All Contracts shall prorated and adjusted.

9. **Closing Expenses**

Purchaser shall pay the usual mortgage tax, recording fees for the deed and mortgage, any sales tax on included Personal Property, if any, and the cost to file any report with or required by the State Board of Equalization. Seller shall pay the applicable transfer taxes and fee for filing the capital gains tax affidavit.

10. **Special Assessments**

The Property is not subject to any special assessments whether or not it constitutes a lien on the Property and Seller has no knowledge of any pending or threatened special assessment or reassessment of the Property.

11. **Delivery of Possession**

Possession of the Property shall be delivered to the Purchaser on the date of Closing.

12. **Damage or Destruction/Condemnation**

12.1 Seller agrees to give the Purchaser prompt notice of any fire or other casualty at or to the Property between the date hereof and the date of Closing, or of any actual or threatened

condemnation of all or any part of the Property of which the Seller has knowledge.

12.2 If prior to the Closing, there shall occur (i) material damage to the property caused by fire or other casualty, or (ii) a taking by condemnation of all or any material (as hereinafter defined) part of the Property, then and in either such event, Purchaser may terminate it's obligation under this Agreement by written notice given to the Seller within ten (10) days of Purchaser's having received notice from Seller of the casualty or condemnation and this Purchase and Sale Agreement shall be void and of no effect and unless otherwise expressly agreed herein neither party shall thereafter have any further obligation to the other. If the Purchaser does not so elect to terminate it's obligation under this Purchase and Sale Agreement, then the closing shall take place as herein provided. In the event of condemnation, the Seller shall assign or transfer to the Purchaser the condemnation awards paid to the Seller on account of any such condemnation.Purchaser's sole remedy in the event of a casualty shall be the termination of this agreement.

12.3 If, prior to the Closing, there shall occur a casualty or a taking by condemnation of any part of the Property which does not include a material (as hereinafter defined) portion thereof, then, and in either of such events, neither party shall have the right to terminate its obligations under this Purchase and Sale Agreement by reason thereof, and the Seller shall assign and transfer to the Purchaser at Closing, by written instrument, all of the Seller's right, title and interest in any condemnation awards for direct, physical loss to the Property paid or payable to the Seller on account of any such condemnation.

12.4 For purposes of this Paragraph 12, a taking of a material part of the Property shall mean any casualty to or taking of (i) any of the structures, or (ii) any portion of the real property which causes a reduction in the area available by 25% or more, or (iii) which significantly impedes access to an from the real property or impedes the Purchaser's intended use of the property.

13. **Failure to fulfill this Agreement**

13.1 If the Purchaser shall default in its obligations under this Purchase and Sale Agreement so that the Closing hereunder shall not occur, Seller shall have all available remedies, legal and equitable, including the recovery of damages as a result of such default.

13.2 If the Seller shall be unable to convey title in accordance with the provisions of this Purchase and Sale Agreement, this Agreement shall be terminated and except as otherwise expressly agreed herein, neither party hereto shall have any further obligation to the other. Notwithstanding the foregoing:

(a) If purchaser raises a valid written objection to Seller's title which indicates that the title to the Property is unmarketable, Seller may cancel this contract by giving prompt written notice of cancellation to Purchaser. However, if Seller is able and willing to cure the title objection on or before the Closing Date, or if the title objection is insurable and Purchaser is willing to accept insurable title, then this

contract shall continue in force until the Closing Date, subject to the Seller curing the title objection and/or providing insurable title at Seller's expense. If Seller fails or is unwilling to cure the title objection on or before the Closing Date, or if Purchaser is unwilling to accept insurable title, Purchaser may cancel this contract by giving prompt written notice of cancellation to Seller .

(b) Purchaser, if he so elects, may accept such title as the Seller may be able to convey, without reduction of the Purchase Price or any credit against the same and without liability on the part of the Seller.

14. **Broker**

The Seller and the Purchaser represent and warrant to each other that no real estate broker is involved in this transaction or has brought about this sale.The parties shall indemnify and defend each other against any costs or expenses, including attorney's fees, arising out of the breach of their representations contained in this section. The representations and obligations of the Seller and the purchaser in thissection shall survive the closing of title to the Premises, or, if the closing of title to the Premises does not occur, the termination of this Contract.

15. **The Closing**

15.1 The Closing of the transaction contemplated herein (the "Closing") shall be held on or about 45 days after the removal of all Purchaser's contingencies and of the satisfaction of all Conditions Precedent to Purchaser's Obligations. The date on which title shall close hereunder is sometimes referred to herein as the "Closing Date".

15.2 The following deliveries shall be made at the Closing:

(a) The instruments called for in Paragraph 7;
(b) A Statement of Sale to be prepared by Seller and approved by Seller and Purchaser as consistent with the terms of this Agreement;
(c) If and to the extent required, an assignment of all of Sellers right, title and interest in any condemnation awards or insurance proceeds;
(d) Documentation allowing the recording of the deed in Monroe County together with Seller's check in payment of the transfer of the tax associated therewith;
(e) Indemnification Agreement and Release executed by the Purchaser and its assignee in form acceptable to Seller.

16. **Conditions Precedent to Purchaser's Obligations**

The obligation of the Purchaser to purchase this Property pursuant to this Purchase and Sale Agreement shall be wholly contingent upon and subject to fulfillment or waiver, prior to or at the time of closing, to each of the following conditions:

(a) The warranties and representations of Seller contained in this Agreement, or made

pursuant to this Agreement, are true as of the Closing Date with the same force and effect as if such representations had been made as of the Closing Date;

(b) Seller has performed and/or complied with all of the terms and conditions of this Agreement to be performed or complied with by Seller prior to or at the time of Closing;

(c) Purchaser to obtain necessary Board of Director's approval for the purchase of the Property and approval to obtain financing in such amount and upon such terms acceptable to Purchaser, and to execute all the documentation necessary to complete the transaction;

17. **Notices**

All notices required under this Purchase and Sale Agreement shall be in writing, and may be delivered personally or sent by certified or registered mail, return receipt requested, postage prepaid, addresses to the party as set forth in the preamble of this Purchase and Sale Agreement, to Purchaser, DePaul Properties, Inc., Attention Mark H. Fuller, President 1931 Buffalo Road, Rochester, New York 14624 and to Purchaser's Attorney, Robert G. Lamb, Jr., Esq.,One East Main Street, Suite 510, Rochester, New York 14614; and to the Seller at ROCHESTER RENTALS, LLC, 100Beaver Road, Suite 3, Churchville, New York and to Seller's Attorney, E. Adam Leyens, Esq., 290 Linden Oaks, Rochester, New York 14625 or to such other addresses as such parties shall have specified by similar notice. If any such notice is mailed, it shall be deemed given upon receipt or refusal to receive.

18. **Indemnification**

Seller shall indemnify and hold Purchaser harmless, at all times from and after the date of this Agreement and subsequent to time of closing, for a period not to exceed six (6) months from all claims, damages, liability and expense, including reasonable legal fees, arising from or in any way connected with the material breach by Seller or the falsity of any warranty, representation, term or condition contained herein.

19. **Termination**

(a) In the event that this Agreement is terminated by Purchaser as above provided, or if the transaction set forth in this Agreement is not consummated because all contingencies have not been met or waived, this Agreement shall become null and void and neither party shall have any claim against the other.

(b) If the closing has not occurred on or before the closing date stated above due to delay and actions of the Seller, then and in that event, Purchaser shall give the Seller ten (10) days to cure the reason for the delay. If Seller has not cured the reason for the delay within the ten (10) days, then Purchaser shall have the unilateral right to terminate, all as contained herein.

20. **Counterparts: Captions**
This Purchase and Sale Agreement may be executed in counterparts, each of which shall be deemed an original. The captions are for convenience of reference only and shall not affect the construction to be given any of the provisions hereof.

21. **Governing Law**
This Agreement shall be governed by, interpreted under, and construed and enforced in accordance of the laws of the State of New York.

22. **Waiver**
In the event that any term or condition of this Agreement should be breached by any party and thereafter waived by the other party, then such waiver shall be limited to the particular breach so waived and shall not be deemed to waive any other breach either prior to or subsequent to the breach so waived. Any such waiver must be in writing and signed by the party sought to be charged.

23. **Severability**
Every provision of this Agreement is intended to be severable. If any provision is held to be invalid or unenforceable by law or by a court of competent jurisdiction, all other provisions shall be nevertheless continue in full force and effect.

24. **Successors and Assigns**
This Purchase and Sale Agreement shall be binding upon and shall inure to the benefit of the parties hereto and their respective heirs, administrators, executors, legal representatives, successors and assigns. This Purchase and Sale Agreement may not be assigned by the Purchaser, unless to an entity which they control, without the prior written consent of Seller, which consent shall not be unreasonably withheld.

25. **Entire Agreement**
This Purchase and Sale Agreement (including all Exhibits annexed hereto, all of which are expressly made a part hereof) contains the entire agreement between the parties with respect to the subject matter hereof. All understanding and agreements previously made by and between the parties are merged in this Agreement, which alone fully and completely expresses their agreement. This Purchase and Sale Agreement may not be modified, changed, supplemented or terminated, nor may any obligations hereunder be waived, except by written instrument signed by the party to be charged or by its agent duly authorized in writing or as otherwise expressly permitted.

26. **Dates of Agreement**
For all purposes under this Agreement, the date of this Agreement shall mean the date first appearing on the first page of this Agreement, provided that both the Purchaser and the Seller have executed this Agreement on or before such date. Otherwise, the date of

this Agreement shall be the date on which the last of the Purchaser and the Seller has executed this Agreement.

27. **Offer**
Preparation and/or modification of this Agreement by either party or their attorney and submission of same to the other party shall not be deemed an offer. This Agreement is not intended to be binding until executed and delivered by all parties hereto.

28. **Life of Offer**
This offer shall expire on August 1, 2010 at 5:00 p.m. EST.

IN WITNESS WHEREOF, the parties have dully executed this Purchase and Sale Agreement as of the day and year first above written.

Dated: July 29, 2010

SELLER:
ROCHESTER RENTALS, LLC

By: _____
NAME, GEORGE TRAIKOS
Title PRESIDENT

Dated: July 29, 2010

PURCHASER:
DEPAUL PROPERTIES, INC.

By: _____
GILLIAN CONDE,
Vice President

EXTENSION TO OPTION AGREEMENT

This Agreement is made between Rochester Rentals, LLC, with offices at 100 Beaver Road, Suite #3, Churchville, New York (the "Seller"), and DePaul Properties, Inc., with offices at 1931 Buffalo Road, Rochester, New York 14624 (the "Purchaser").

WHEREAS, the Purchaser and the Seller have previously entered into an Option Agreement, dated July 29, 2010, regarding the property located at 33 Litchfield St., Rochester, New York, wherein Purchaser was given a sixty (60) day Due Diligence Period in order to conduct such tests, inspections and appraisals of the property, and conduct such other due diligence as Purchaser deemed warranted; and

WHEREAS, the Purchaser has caused a Phase I Environmental Assessment to be made, which assessment has concluded that further testing is necessary in order to fully determine the extent, if any, of potential environmental hazards at the property; and

WHEREAS, the Seller has been advised that Purchaser cannot conclude its Due Diligence of the property and determine the extent and nature, if any, of potential environmental hazards without conducting further testing at the site.

NOW THEREFORE, the parties agree as follows:

1. That the Option Agreement dated July 29, 2010 is hereby extended for an additional period of ninety (90) days (ending on December 29, 2010) in order to provide Purchaser with adequate time to conclude testing at the site.

2. All other terms of the Option Agreement dated July 29, 2010 are hereby ratified and confirmed without change.

ROCHESTER RENTALS, LLC

By:_____

DePaul Properties, Inc.

By:_____

ASSIGNMENT OF OPTION AND PURCHASE AND SALE AGREEMENT

This Assignment and Assumption of Option and Purchase and Sale Agreement (the "**Agreement**") is hereby entered into as of the 1 day of February, 2011 by and between DePaul Properties, Inc., a New York not-for-profit corporation with offices at 1931 Buffalo Road, Rochester, New York 14624 ("**Assignor**"), and Carriage Factory Special Needs Apartments, L.P., a New York limited partnership with offices at 1931 Buffalo Road, Rochester, New York 14624 ("**Assignee**").

Recitals

A. Assignor and Rochester Rentals, LLC (the "**Seller**"), entered into a certain Option Agreement dated July 29, 2010, as extended by a certain Extension to Option Agreement (not dated) (collectively, the "**Option Agreement**"), together with a certain Purchase and Sale Agreement dated July 29, 2010 ("**Purchase Agreement**") whereby Seller granted to Assignor an option to purchase a certain parcel of land, together with the buildings, structures and improvements located at 33 Litchfield Street in the City of Rochester, County of Monroe, State of New York (the Purchase Agreement, together with the Option Agreement are hereinafter referred to collectively as the "**Option and Purchase Agreement**").

B. Assignor desires to ratify and confirm the assignment to Assignee all of its right, title and interest in and to the Option and Purchase Agreement and Assignee has agreed to accept such assignment and assume all of the obligations of Assignor under the Option and Purchase Agreement effective on and after the date hereof.

Agreement

NOW, THEREFORE, in consideration of the sum of One and no/100 Dollars ($1.00) and for other good and valuable consideration paid by Assignee to Assignor, the receipt and sufficiency of which are hereby mutually acknowledged, and in consideration of the mutual covenants and agreements set forth herein, Assignor and Assignee hereby agree as follows:

1. Assignor hereby assigns, transfers, conveys, grants, releases and sets over unto Assignee , its successors and assigns, all right, title and interest of Assignor in, to and under the Option and Purchase Agreement, to have and to hold the same unto Assignee, its successors and assigns, forever, subject to all of the terms, provisions, covenants, conditions, obligations and liabilities therein contained.

2. Assignee hereby accepts such assignment and agrees to assume, perform, and be subject to, all of the terms, provisions, covenants, conditions, obligations and liabilities of Assignor under the Option and Purchase Agreement, arising on or subsequent to the date hereof.

3. This Agreement may be signed in more than one counterpart, in which case each counterpart shall constitute an original of this Agreement. Facsimile or electronic signatures shall have the same effect as originals.

4. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective heirs, successors and assigns, including without limitation a housing development fund company to be formed pursuant to Article 11 of the Private Housing Finance Law to receive title to the property to be acquired under the terms of the Option and Purchase Agreement.

5. This Agreement shall be construed in accordance with and governed by the laws of the State of New York.

IN WITNESS WHEREOF, Assignor and Assignee have executed this Agreement to be effective as of the date first set forth above.

ASSIGNOR:

DePaul Properties, Inc.

By: _____
Name: Mark H. Fuller
Title: President

ASSIGNEE:

Carriage Factory Special Needs Apartments, L.P.

By: Carriage Development, Inc.
its general partner

By: _____
Name: Mark H. Fuller
Title: President

RECEIVED

Recorded at Request of and
When Recorded Mail to:
Box #30

2011 AUG 18 PM 3:35

MONROE COUNTY CLERK

John F. D'Amanda, Esq.
Nixon Peabody LLP
1300 Clinton Square
Rochester, New York 14604

MEMORANDUM OF PURCHASE OPTION

Notice is hereby given that **ROCHESTER RENTALS, LLC**, a New York limited liability company having an address at 100 Beaver Road, Suite #3, Churchville, New York 14428, and its successors and assigns (collectively, "**Optionor**"), and **DEPAUL PROPERTIES, INC.**, a New York corporation having an address at 1931 Buffalo Road, Rochester, New York 14624, and its successors and assigns (collectively, "**Optionee**"), have entered into a certain Option to Purchase dated as of July 29, 2010, as amended or extended (the "**Option**") for property located in the City of Rochester, County of Monroe, State of New York, commonly known as 33 Litchfield Street, and being more particularly described in **Exhibit "A"** attached hereto (the "**Land**"), including, without limitation (i) the buildings and improvements thereon now or hereafter erected (the "**Improvements**"), (ii) all fixtures, building systems and equipment, (iii) the appurtenances thereunto belonging, and (iv) all of the right, title and interest of Optionor, if any, in and to any land lying in the streets and roads in front of and adjoining the Land, to the center line thereof, and in and to all easements, if any, inuring to the benefit of the Land (the Land, any Improvements and all of the foregoing interests in clauses (ii) through (iv) preceding are sometimes hereinafter collectively referred to as the "**Property**").

1. **Term**. The term of the Option is as follows: the Option commenced on July 29, 2010 and shall automatically expire on December 29, 2012 if not sooner exercised in writing by the Optionee.

2. **Priority of Option.** The Option is paramount in priority to any and all liens and encumbrances granted by Optionor, its successors or assigns, encumbering all or any portion of the Property, except for Permitted Encumbrances (defined below). Upon the conveyance by Optionor to Optionee of the Property following the exercise by Optionee of the Option, all such liens and encumbrances (except for Permitted Encumbrances) shall be null and void and of no further force or effect.

Permitted Encumbrances are as follows: those utility easements benefiting the Property and given in the ordinary course of construction and operation of the Property.

3. **Modification of Option**. Nothing contained herein shall be deemed to amend, modify or alter the terms of the Option, and reference is made therefor for all of its terms, covenants and

conditions. In the event of any inconsistency between the terms of this Memorandum and the Option, the terms and conditions of the Option shall govern and continue.

4. **Binding**. The Option shall run with the land and shall be binding upon and inure to the benefit of the respective successors, executors, administrators, heirs and assigns of the parties hereto.

5. **Counterparts**. This Memorandum may be executed in one or more counterparts each of which shall be deemed an original, and all such counterparts when taken together shall for all purposes constitute a single instrument, binding on all parties hereto, notwithstanding that all parties shall not have executed the same counterpart.

IN WITNESS WHEREOF, the parties have hereunto caused this Memorandum to be signed as of March 22 2011.

OPTIONOR:

ROCHESTER RENTALS, LLC

By: _____

Name: GEORGE TRAIKOS

Title: PRESIDENT

OPTIONEE:

DEPAUL PROPERTIES, INC.

By: _____

Name: Mark H. Fuller

Title: President

STATE OF NEW YORK)
) SS.:
COUNTY OF MONROE)

On the 22 day of March 2011, in the year 2011 before me, the undersigned, personally appeared Gloria Inzikas, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

LOUIS PAUL NAU
Notary Public, State of New York
Monroe County Reg. #01NA6046806
Commission Expires August 21, 2014

Notary Public

STATE OF NEW YORK)
) SS.:
COUNTY OF MONROE)

On the 18th day of August, in the year 2011 before me, the undersigned, personally appeared Mark H. Fuller, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

JONATHAN S. PENNA
NOTARY PUBLIC, STATE OF NEW YORK
REGISTRATION #: 02PE6092815
QUALIFIED IN MONROE COUNTY
CERTIFICATE FILED IN MONROE COUNTY
COMMISSION EXPIRES: 05/27/20 15

Notary Public

Exhibit "A"

Metes and Bounds Description of Land

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Rochester, County of Monroe and State of New York, being part of the Bush and King Tract, so called, known and described as follows: Commencing at the point of intersection of the westerly line of Litchfield Street (33 feet wide) and the southerly line of Wiley Street (36 feet wide) and running the following courses: (1) westerly along the southerly line of Wiley Street a distance of 127.00 feet to a point where the southerly line of Wiley Street intersects the easterly line of Clark Alley; thence (2) southerly at an interior angle of 89° 30' 29" with the last described course a distance of 517.07 feet to a point; thence (3) easterly along the northerly line of the lands now or formerly owned by A. Fiorio and at right angles with the last described course a distance of 127.00 feet to a point in the westerly side of Litchfield Street; thence (4) northerly along the westerly side of Litchfield Street and at right angles with the last described course a distance of 515.98 feet to the point of beginning; the last described course forming an interior angle of 90° 29' 32" with course (1).

NIXON PEABODY LLP

1300 Clinton Square
Rochester, New York 14604-1792
(585) 263-1000
Fax: (585) 263-1600
Direct Dial: (585) 263-1022
Direct Fax: (866) 514-4347
E-Mail: jdamanda@nixonpeabody.com

October 31, 2012

VIA FEDERAL EXPRESS

George Traikos, President
Rochester Rentals, LLC
100 Beaver Road, Suite 3
Churchville, New York 14428

RE: 33 Litchfield Street
Rochester, New York

Dear Mr. Traikos:

We represent DePaul Properties, Inc. and Carriage Factory Special Needs Apartments, L.P., purchasers of the above premises pursuant to the Option Agreement, dated July 29, 2010. Please find enclosed a Notice of Exercise of Option, dated October 31, 2012, which exercises the option contained therein to purchase the above premises.

Kindly acknowledge your acceptance on the enclosed Notice and return to me a copy (pdf scan is preferable).

Thank-you.

Sincerely,

John F. D'Amanda

JFD/mg
Enclosure

cc: DePaul Properties, Inc.
E. Adam Leyens, Esq.

NOTICE OF EXERCISE OF OPTION

NOTICE IS HEREBY GIVEN, by Carriage Factory Special Needs Apartments, L.P., a New York limited partnership with offices at 1931 Buffalo Road, Rochester, New York 14624 ("Purchaser"), to Rochester Rentals, LLC, a New York limited liability company with offices at 100 Beaver Road, Suite 3, Churchville, New York 1448 ("Seller"), pursuant to Section 3 of that certain Option Agreement, dated July 29, 2010 ("Option Agreement"), between the Seller and the Purchaser's predecessor in interest, by Assignment of Option and Purchase and Sale Agreement, dated February 1, 2011, DePaul Properties, Inc., a New York corporation with offices at 1931 Buffalo Road, Rochester, New York 14624 ("Original Purchaser"), as follows:

The undersigned hereby exercises the Option granted in Section 2 of the Option Agreement, effective upon sending in accordance with Section 10 thereof.

In Witness Whereof, this Notice of Exercise of Option was duly executed by the Purchaser on the 21st day of October, 2012.

PURCHASER:

Carriage Factory Special
Needs Apartments, L.P.

By: ** Mark H. Fuller
Name: Mark H. Fuller
Title: President

** Carriage Development, Inc.

Agreed and Accepted:

SELLER:

Rochester Rentals, LLC

By: _____
Name:
Title:

Attachment B

Property Information

(Supplemental Information for Section II)

Attachment B

Property Information

Attachment B presents supplemental information for Section II of the BCP Application, including the following:

- ALTA/ASCM Land Title Survey (Figure B-1)
- Tax Map (Figure B-2)
- Basemap of Property and Surrounding Area (Figure B-3)
- Site Location Map Showing USGS Topographic Information (Figure B-4)
- Surrounding Land Use Map (Figure B-5)
- City of Rochester Empire Zone (Figure B-6)

REFERENCES:

LIBER 10555 OF DEEDS, PAGE 478.

ABSTRACT OF TITLE PREPARED BY FRONTIER ABSTRACT AND RESEARCH SERVICES INC. SEARCH #506435, DATED DECEMBER 11, 2007.

BOUNDARY LINE AGREEMENT FOR "FENCE AND PARKING ALONG SOUTH END OF PROPERTY", LIBER 10555 OF DEEDS, PAGE 474.

TITLE REPORT PREPARED BY CHICAGO TITLE INSURANCE COMPANY, TITLE #TM-444-MON-11, DATED MARCH 15, 2011.

MAPPING OBTAINED FROM THE CITY OF ROCHESTER MAPS AND SURVEYS DISTRICT 21, MAPS 5-6

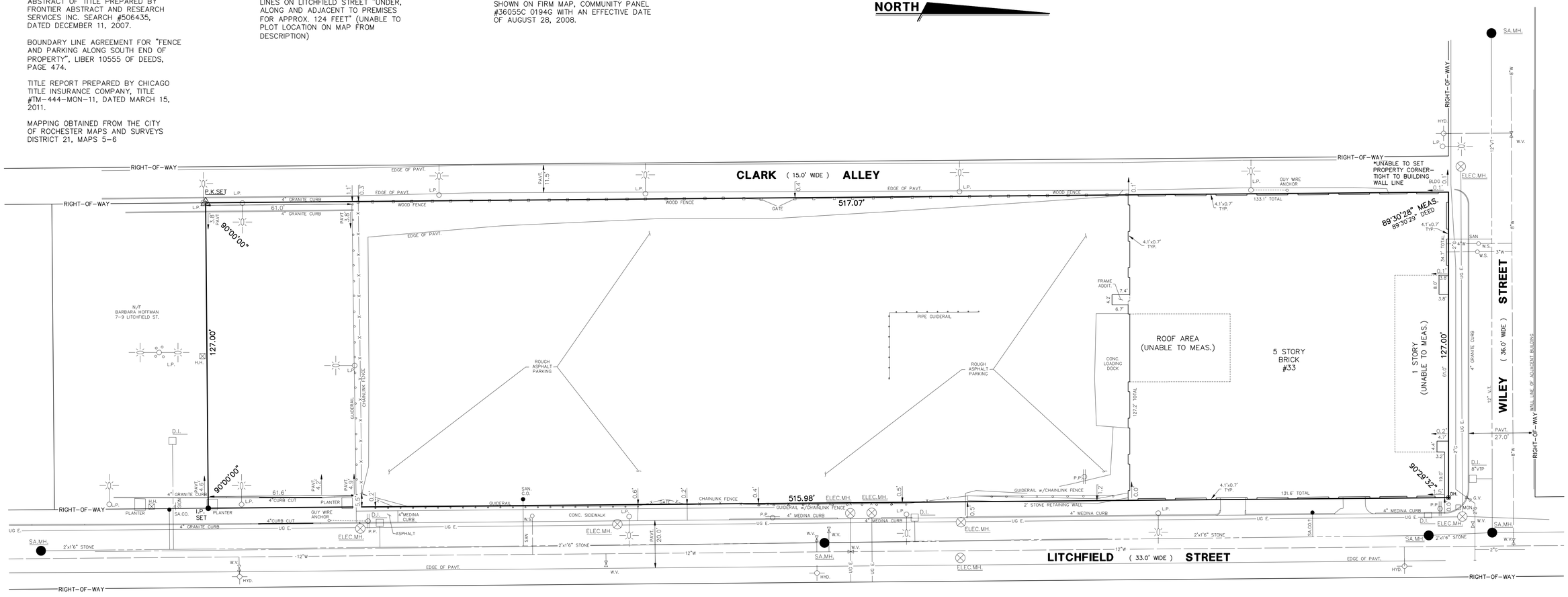
EASEMENT:

EASEMENT TO R.G& E., LIBER 1581 OF DEEDS, PAGE 474. FOR STEAM LINES ON LITCHFIELD STREET "UNDER, ALONG AND ADJACENT TO PREMISES FOR APPROX. 124 FEET" (UNABLE TO PLOT LOCATION ON MAP FROM DESCRIPTION)

FLOOD CERTIFICATION:

PARCEL LIES WITHIN ZONE "X", (NOT WITHIN A 100 YEAR FLOOD PLAIN), AS SHOWN ON FIRM MAP, COMMUNITY PANEL #360555C 0194G WITH AN EFFECTIVE DATE OF AUGUST 28, 2008.

NORTH



PROJECT STATISTICS

1. GENERAL:

   1.1 PROPERTY OWNER - CFSN HOUSING DEVELOPMENT FUND COMPANY, INC., as nominee for CARRIAGE FACTORY SPECIAL NEEDS APARTMENTS, L.P.
   1931 BUFFALO ROAD
   ROCHESTER, NEW YORK 14624

   1.2 PROPERTY ADDRESS - 33 LITCHFIELD STREET,
   ROCHESTER, NEW YORK 14608

   1.3 TAX ACCOUNT - 120.360-0002-020

2. ZONING REGULATIONS:

   2.1 ZONING DISTRICT - CITY CENTER DISTRICT (CCD), CASCADE-CANAL DISTRICT

   2.2 CODE REQUIREMENTS -

	REQUIRED	EXISTING
MINIMUM LOT AREA	NA	65,599 SF (TOTAL SITE)
MAXIMUM BULDING COVERAGE	NO MORE THAN 50% OF BLOCK LENGTH OR DEPTH	25.4%
MAXIMUM LOT COVERAGE	NA	NA
MINIMUM FRONT YARD SETBACK	0' - "CITY" STREET	NA
MINIMUM SIDE YARD SETBACK	MIN. OF 7.5', MAX. 9'	
MINIMUM REAR SETBACK	MIN. OF 7.5', MAX. 9'	

PARCEL DESCRIPTION:

ALL THAT TRACT OR PARCEL OF LAND SITUATE IN THE CITY OF ROCHESTER, COUNTY OF MONROE AND STATE OF NEW YORK, BEING PART OF THE BUSH AND KING TRACT, SO CALLED, KNOWN AND DESCRIBED AS FOLLOWS:

COMMENCING AT THE POINT OF INTERSECTION OF THE WESTERLY LINE OF LITCHFIELD STREET (33 FEET WIDE) AND THE SOUTHERLY LINE OF WILEY STREET (36 FEET WIDE) AND RUNNING THE FOLLOWING COURSES AS DESCRIBED IN A DEED FILED IN THE MONROE COUNTY CLERKS OFFICE, LIBER 10555 OF DEEDS, PAGE 478.

THENCE 1) WESTERLY, ALONG THE SOUTHERLY LINE OF WILEY STREET, A DISTANCE OF 127.00 FEET TO A POINT WHERE THE SOUTHERLY LINE OF WILEY STREET INTERSECTS THE EASTERLY LINE OF CLARK ALLEY,

THENCE 2) SOUTHERLY, AT AN INTERIOR ANGLE OF 89°-30'-28" (SHOWN AS 89°-30'-29" IN RECORDED DEED) WITH THE LAST DESCRIBED COURSE, A DISTANCE OF 517.07 FEET TO A POINT,

THENCE 3) EASTERLY, ALONG THE NORTHERLY LINE OF LANDS NOW OR FORMERLLY OWNED BY A. FIORIO AND AT RIGHT ANGLES WITH THE LAST DESCRIBED COURSE, A DISTANCE OF 127.00 FEET TO A POINT IN THE WESTERLY SIDE OF LITCHFIELD STREET,

THENCE 4) NORTHERLY, ALONG THE WESTERLY SIDE OF LITCHFIELD STREET AND AT RIGHT ANGLES WITH THE LAST DESCRIBED COURSE, A DISTANCE OF 515.98 FEET TO THE POINT OF BEGINNING; THE LAST DESCRIBED COURSE FORMING AN INTERIOR ANGLE OF 90°-29'-32" WITH COURSE 1.

INTENDING TO DESCRIBE A PARCEL OF LAND WHICH CONTAINS 1.506 ACRES OF LAND, #33 LITCHFIELD STREET, CITY OF ROCHESTER, NEW YORK.

LEGEND:

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SIGN		CURB
L.P.	LIGHT POLE	X	FENCE (CHAIN LINK)
	POWER POLE	8"SA	SANITARY SEWER WITH MANHOLE
4"G	GAS MAIN & VALVE	8"ST	STORM SEWER, FIELD/DROP INLET
E	ELECTRIC CONDUIT & STRUCTURE	8"W	WATER MAIN WITH HYDRANT & GATE VALVE
T	TELEPHONE CONDUIT & STRUCTURE	MON	CITY OF ROCHESTER SURVEY MONUMENT
	CENTERLINE	I.P. SET	REBAR SET
	RIGHT-OF-WAY OR PROPERTY LINE	DH.	DRILL HOLE SET IN CONC. SIDEWALK
		P.K.	MAG NAIL SET

PARCEL KNOWN AS #33 LITCHFIELD STREET TAX ACCT. #120.36-02-20

WE PARRONE ENGINEERING CERTIFY TO:

NEW YORK STATE HOUSING TRUST FUND CORPORATION, its successors and/or assigns
NATIONAL EQUITY FUND, its successors and/or assigns
NEF ASSIGNMENT CORPORATION, its successors and/or assigns
NEW YORK STATE DIVISION OF HOUSING AND COMMUNITY RENEWAL, its successors and/or assigns
THE COMMUNITY PRESERVATION CORPORATION, its successors and/or assigns
CHICAGO TITLE INSURANCE COMPANY
NIXON PEABODY LLP.
CITY OF ROCHESTER
CFSN HOUSING DEVELOPMENT FUND COMPANY, INC.
CARRIAGE FACTORY SPECIAL NEEDS APARTMENTS, L.P.

THIS IS TO CERTIFIY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2011 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDE ITEMS 1,2,3,4,6a,6b,7a,8,9,11b,13,14,16,18,19 AND 20 OF TABLE "A" THEREOF. THE FIELD WORK WAS COMPLETED ON JANUARY 9, 2012.

STATE OF NEW YORK
DAVID S. STAERR
NO. 049962
LICENSED LAND SURVEYOR

DAVID S. STAERR, P.L.S. LIC. NO. 049962
PARRONE ENGINEERING

P:\DJP-Bob\6770DWG\6770 ALTA.dwg, 2/6/2012 1:32:16 PM

REVISIONS:	BY: DATE
ADDED CERTS, MISC ADDIT	B.C.K. 2-6-12

PARRONE engineering
THE PIANO WORKS
349 WEST COMMERCIAL STREET
SUITE 3200
EAST ROCHESTER, NY 14445
T 585.586.0200
F 585.586.6752

Designed By:	
Drawn By:	B.C.K.
Checked By:	D.S.
DATE:	DEC. 30, 2011
SCALE:	1" = 20'
JOB No.:	6770

ALTA/ACSM LAND TITLE SURVEY
FOR:

DEPAUL CARRIAGE FACTORY
#33 LITCHFIELD STREET

SITUATE IN:
CITY OF ROCHESTER MONROE COUNTY NEW YORK

Figure B-1

33 Litchfield St

N1,151,000
E756,000

Property Line	Great Lot or Tract Line	Great Lot or Tract No.	2	Tax Map Parcel No.
Original Subiot Line	Bartholomew Line	Tax Map Block No.	14	Original Subiot No.
Railroad	Easement	Centroid Position	17.5A	Acreage
Water Course	RCS Monument	Street Address	225-54	Lot Dimension
City Boundary	RTS Monument	RTS Monument Text	173.35(D)	Deed Dimension
Block Limit Line	Fed. Agency Monument	Denotes Parcel Continuation	472.81 M	Monument Distance
			471.12 PL	Total Property Line Distance

50 0 50 Feet
15 0 15 Meters

N

120.27	120.28	121.21
120.35	**120.36**	121.29
120.43	120.44	121.37

SHEET INDEX

TAX MAP
CITY OF ROCHESTER
Monroe County, New York
Prepared By
REAL PROPERTY TAX SERVICE AGENCY
SCALE: 1"= 50'
Map Date March 08, 2010

120.36

Geographic Information Systems

Cartographic Design By: Andrew Less

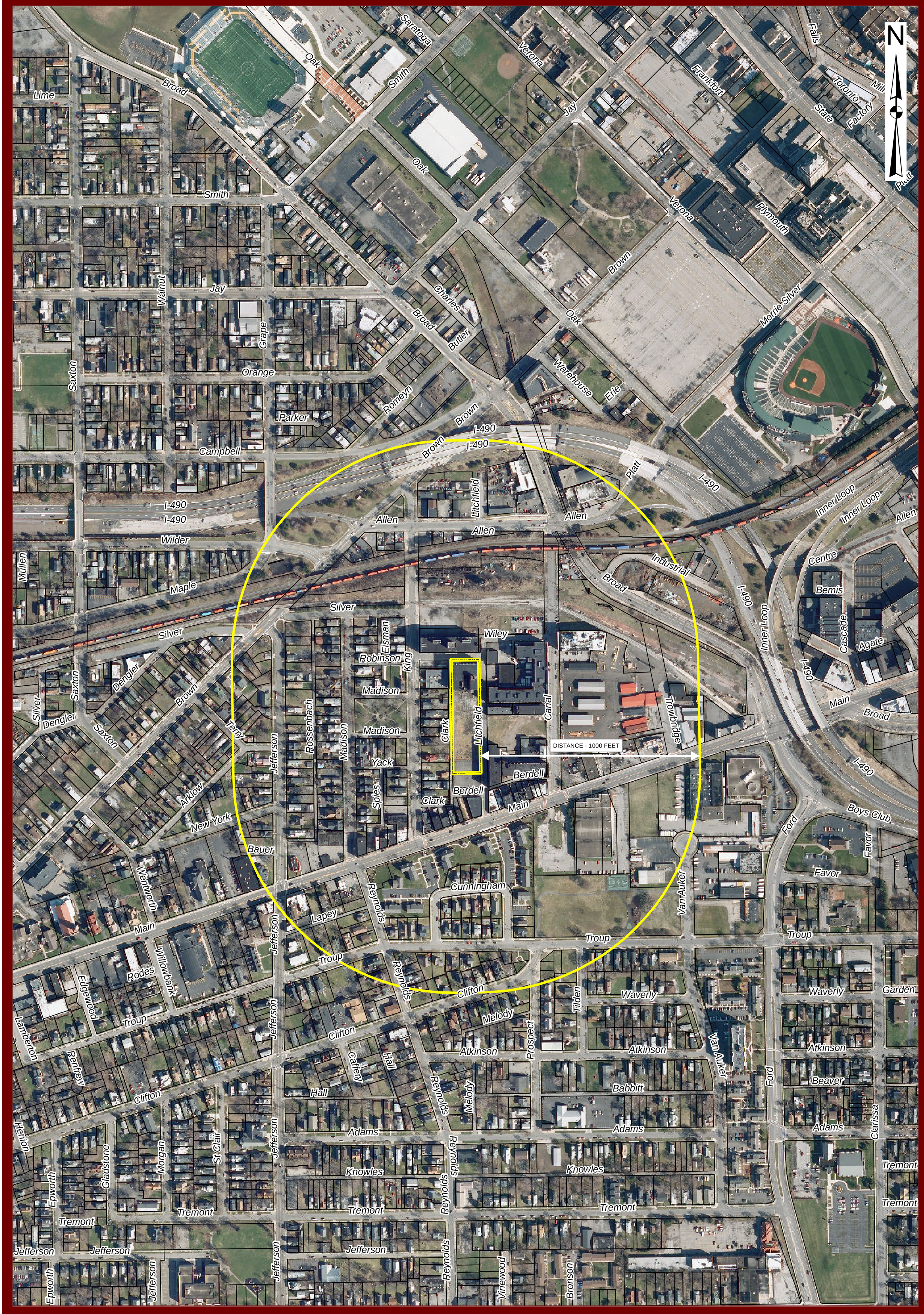
Path: U:\190500751\drawing\GIS\MXD\Figure B-2 Tax Map.mxd

Stantec Consulting Services
61 Commercial Street
Rochester, NY 14614

N

Figure B-2 - Tax Map

33 Litchfield Street
Rochester NY 14608



Geographic Information Systems

Cartographic Design By: Andrew Less

Path: U:\190500751\drawing\GIS\MXD\Figure B-3 Basemap of property and surrounding area .mxd

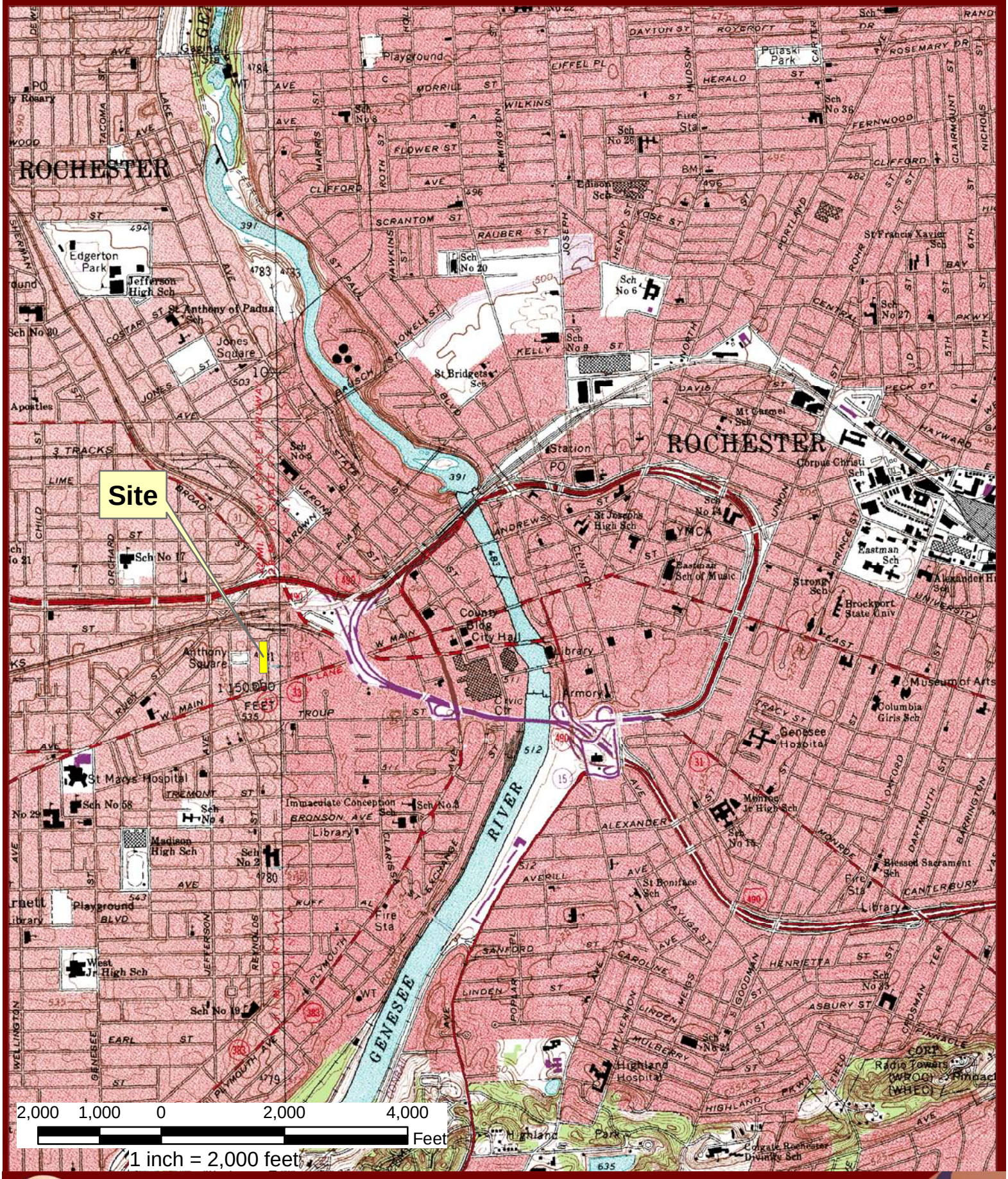
Stantec Consulting Services
61 Commercial Street
Rochester , NY 14614

200 100 0 200 400 Feet

1 inch = 200 feet

FIGURE B-3 - Basemap of Property and Surrounding Area

33 Litchfield Street
Rochester, NY 14608



Geographic Information Systems

Cartographic Design By: Andrew Less

Path: U:\190500751\drawing\GIS\MXD\Figure B-4 Site Location

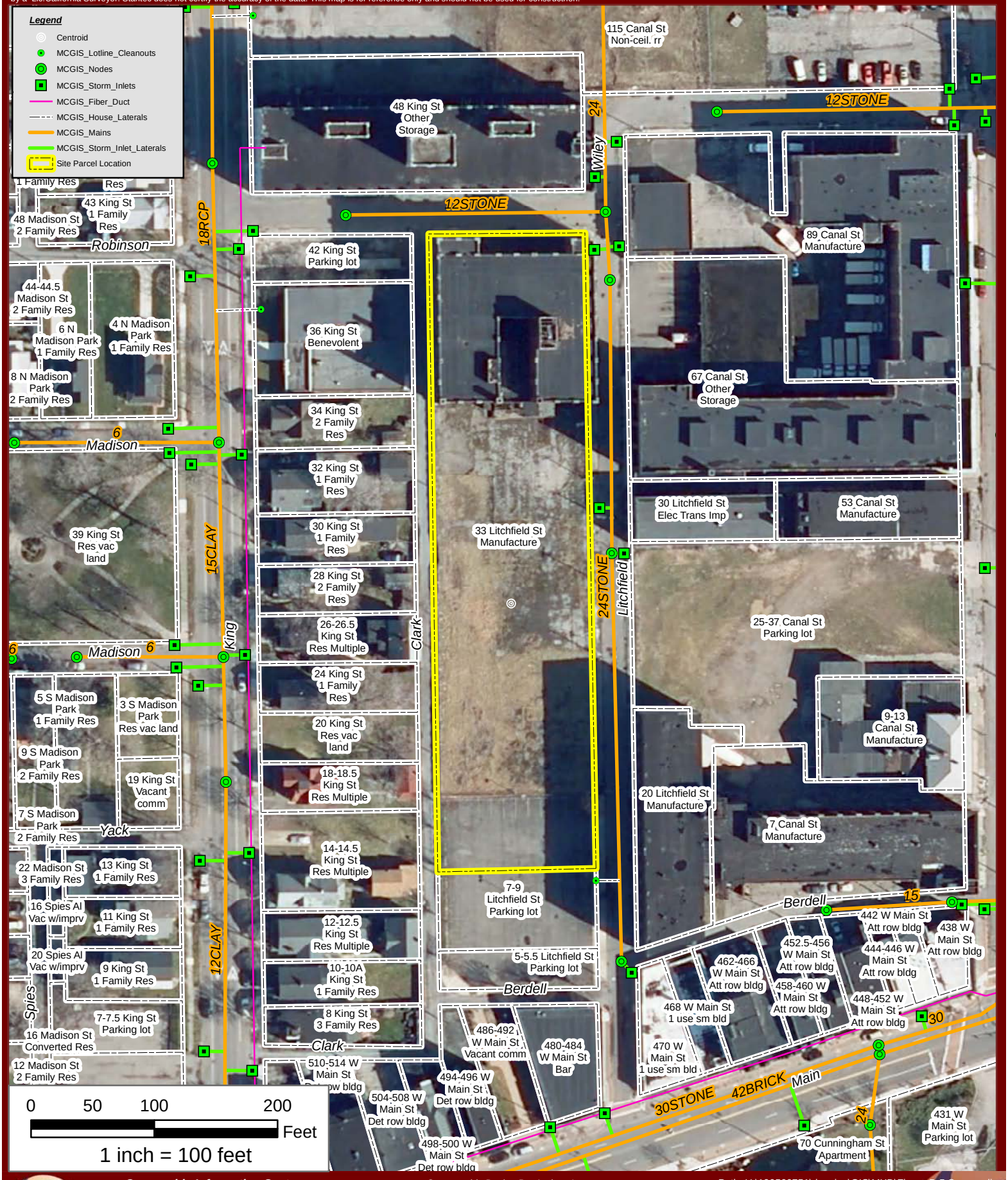
Stantec Consulting Services
61 Commercial Street
Rochester , NY 14614

Reference Souce :
USGS Quadrangles from NYSGIS :
Rochester East / Rochester West

N

Figure B-4 - Site Location Map

33 Litchfield Street
Rochester NY 14608



Geographic Information Systems

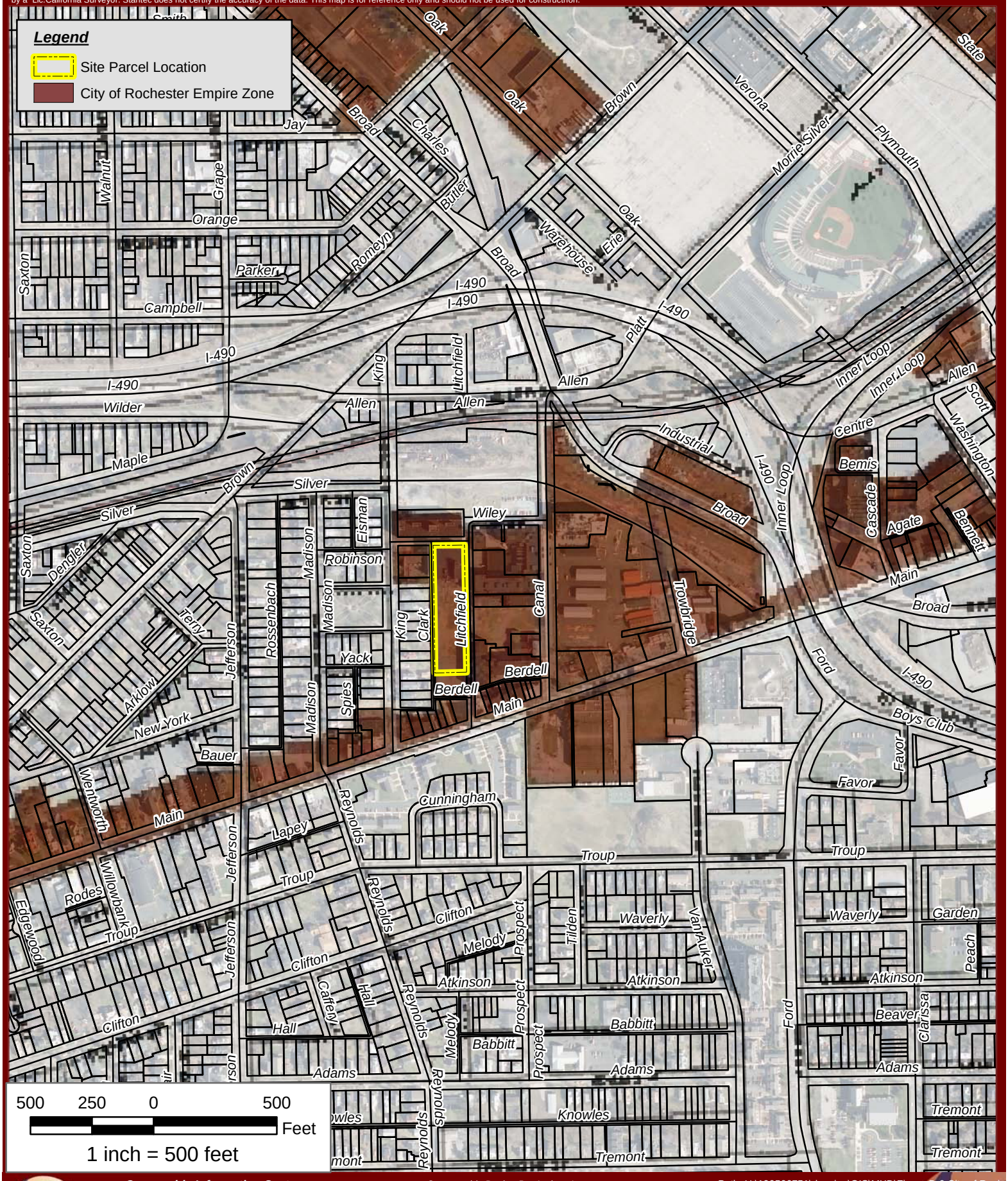
Cartographic Design By: Andrew Less

Path: U:\190500751\drawing\GIS\MXD\Figure B-5 Surrounding

Stantec Consulting Services
61 Commercial Street
Rochester , NY 14614

Figure B-5 - Surrounding Land Use Map

33 Litchfield Street
Rochester NY 14608



500 250 0 500 Feet

1 inch = 500 feet

N

Geographic Information Systems

Cartographic Design By: Andrew Less

Path: U:\190500751\drawing\GIS\MXD\Figure B-6 City of Roche

Stantec Consulting Services
61 Commercial Street
Rochester , NY 14614

Figure B-6 - City of Rochester Empire Zone

33 Litchfield Street
Rochester NY 14608

Attachment C

Project Description

(Supplemental Information for Section VI)

Attachment C

Project Description

Attachment C presents supplemental information for Section VI of the BCP Application.

Purpose and Background

The project will be undertaken by Carriage Factory Special Needs Apartments, L.P. (CFSNA). CFSNA is considering the purchase of the property and is the Requestor as a Volunteer. CFSNA intends to redevelop the site as residential apartments for special needs and low income individuals.

The purpose of the project will be to complete the remedial investigations and remedial actions necessary to:

a) determine surface and subsurface characteristics of the site, assess the source(s) and determine the nature and extent of contamination on or migrating from the Site, and identify migration pathways and potential receptors.
b) allow for the selection of the remedial measures that will attain conditions at the Site which are protective of restricted residential use of the Site and are protective of public health, the environment, and fish and wildlife resources affected by contamination and its migration.
c) address contamination to eliminate complications posed by the contamination and thus allow for redevelopment of the site for residential uses.

Previous investigations by others at the Site have found contaminants in groundwater at levels in excess of New York State Department of Environmental Conservation's (NYSDEC)'s groundwater standards in 9 of the 12 wells installed and sampled. The exceedances were all chlorinated Volatile Organic Compounds (VOCs); total VOCs concentrations ranged up to 888 micrograms per liter (parts per billion). The highest concentrations were observed in well RW-6, an offsite well which is located north of the site on the north side of Wiley Street. The data to date indicate that an on-site source of the VOCs in groundwater has not been identified.

Contaminants in soil samples at levels in excess of the NYSDEC's Protection of Groundwater and/or Restricted Residential Soil Cleanup Objectives (SCOs) were found for VOCs, Semivolatile Organic Compounds (SVOCs), and metals. However, VOCs are the primary contaminant of concern at this Site.

Soil vapor samples taken from beneath the building slab exceed New York State Department of Health (NYSDOH) indoor air guideline values found in the Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006) for several chlorinated VOCs. No vapor samples were taken from indoor or outdoor air for

comparison to the sub-slab vapor results. The basement floor slab has since been removed and the sub-slab soils are now exposed to the basement air.

Given the above information, a remedial investigation is proposed at the Carriage Factory Site and the adjoining public right-of-ways to determine if a potential source exists on-site and to delineate the nature and extent of contamination to the extent required of a Volunteer.

Scope

A Remedial Investigation (RI) Work Plan (WP) presenting a detailed description of the proposed scope of the RI is being submitted to the NYSDEC under separate cover. The results of the RI will be used as the basis for preparation and implementation of a remedial work plan, to the extent necessary.

Schedule

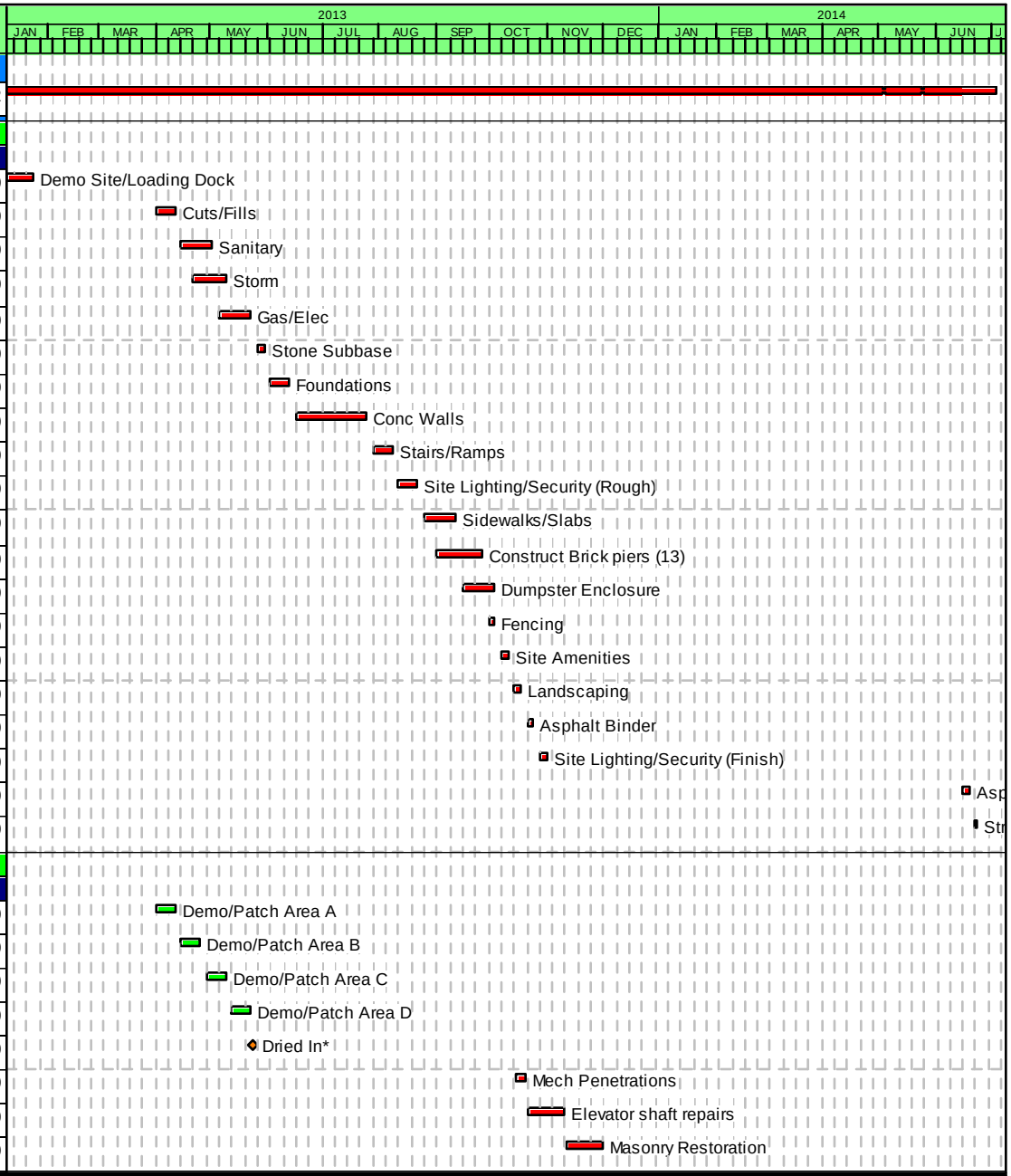
It is currently anticipated that the remedial investigation will be initiated within 30 days of the NYSDEC's approval of the RIWP. It is anticipated that the RI will be completed within six months of the approval of the RIWP. An estimated project schedule for the remedial investigation and a preliminary schedule for the building renovation are included below.

Task	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24
A Site Redevelopment																								
B Remedial Investigation (RI)																								
1 Work Plan Review/ Public Comment																								
2 Response to Comments																								
3 Work Plan Approval		X																						
4 Monthly Progress Reporting																								
5 Mobilization																								
6 Passive Soil Gas Sampling & Analysis																								
7 Surface Soil Sampling & Analysis																								
8 Well Installation and Soil Sampling & Analysis																								
9 Groundwater Level Measurement Events																								
10 Groundwater Sampling & Lab Analysis																								
11 ERD Assessment Sampling & Bench Test																								
12 Hydrogeologic Testing																								
13 Location Survey																								
14 Sanitary Sewer Assessment																								
15 Laboratory Data Validation																								
16 Draft Report Preparation																								
17 NYSDEC Review of Draft Report																								
18 Final Report Preparation																								
C Interim Remedial Measures (IRM)																								
1 Work Plan Preparation																								
2 NYSDEC Review																								
3 Work Plan Implementation (ERD Program)																								
4 Quarterly Progress Reporting																								
5 Groundwater Sampling & Lab Analysis																								
D Alternatives Analysis (AA), Remedial Action Work Plan (RAWP), Final Engineering Report (FER), Site Mgmt. Plan and Env. Easement																								
1 Draft Documents Preparation																								
2 NYSDEC Review																								
3 Final FER Preparation																								
4 Public Comment																								
5 FER Approval																								
6 Certificate of Completion (COC)																								X

Brownfield Cleanup Program
Former Carriage Factory
33 Litchfield Street, Rochester, NY

Estimated Project Schedule

Activity ID	Activity Description	Orig Dur	Act Dur	Early Start	Early Finish	% Comp
Carriage Factory - Preliminary						
		394	4	01/01/13 A	07/04/14	2
SITE						
0002	Demo Site/Loading Dock	15	0	01/07/13	01/25/13	0
0003	Cuts/Fills	10	0	04/01/13	04/12/13	0
0004	Sanitary	15	0	04/15/13	05/03/13	0
0005	Storm	15	0	04/22/13	05/10/13	0
0006	Gas/Elec	15	0	05/06/13	05/24/13	0
0007	Stone Subbase	5	0	05/27/13	05/31/13	0
0008	Foundations	10	0	06/03/13	06/14/13	0
0009	Conc Walls	30	0	06/17/13	07/26/13	0
0010	Stairs/Ramps	10	0	07/29/13	08/09/13	0
0011	Site Lighting/Security (Rough)	10	0	08/12/13 *	08/23/13	0
0012	Sidewalks/Slabs	15	0	08/26/13	09/13/13	0
0118	Construct Brick piers (13)	20	0	09/02/13	09/27/13	0
0123	Dumpster Enclosure	15	0	09/16/13	10/04/13	0
0013	Fencing	5	0	09/30/13	10/04/13	0
0014	Site Amenities	5	0	10/07/13	10/11/13	0
0015	Landscaping	5	0	10/14/13	10/18/13	0
0016	Asphalt Binder	5	0	10/21/13	10/25/13	0
0128	Site Lighting/Security (Finish)	5	0	10/28/13	11/01/13	0
0017	Asphalt Top Coat	5	0	06/16/14 *	06/20/14	0
0018	Striping	2	0	06/23/14	06/24/14	0
ROOF						
0020	Demo/Patch Area A	10	0	04/01/13 *	04/12/13	0
0021	Demo/Patch Area B	10	0	04/15/13	04/26/13	0
0022	Demo/Patch Area C	10	0	04/29/13	05/10/13	0
0023	Demo/Patch Area D	10	0	05/13/13	05/24/13	0
0024	Dried In*	0	0		05/24/13	0
0025	Mech Penetrations	5	0	10/15/13	10/21/13	0
0026	Elevator shaft repairs	15	0	10/22/13	11/11/13	0
0027	Masonry Restoration	15	0	11/12/13	12/02/13	0

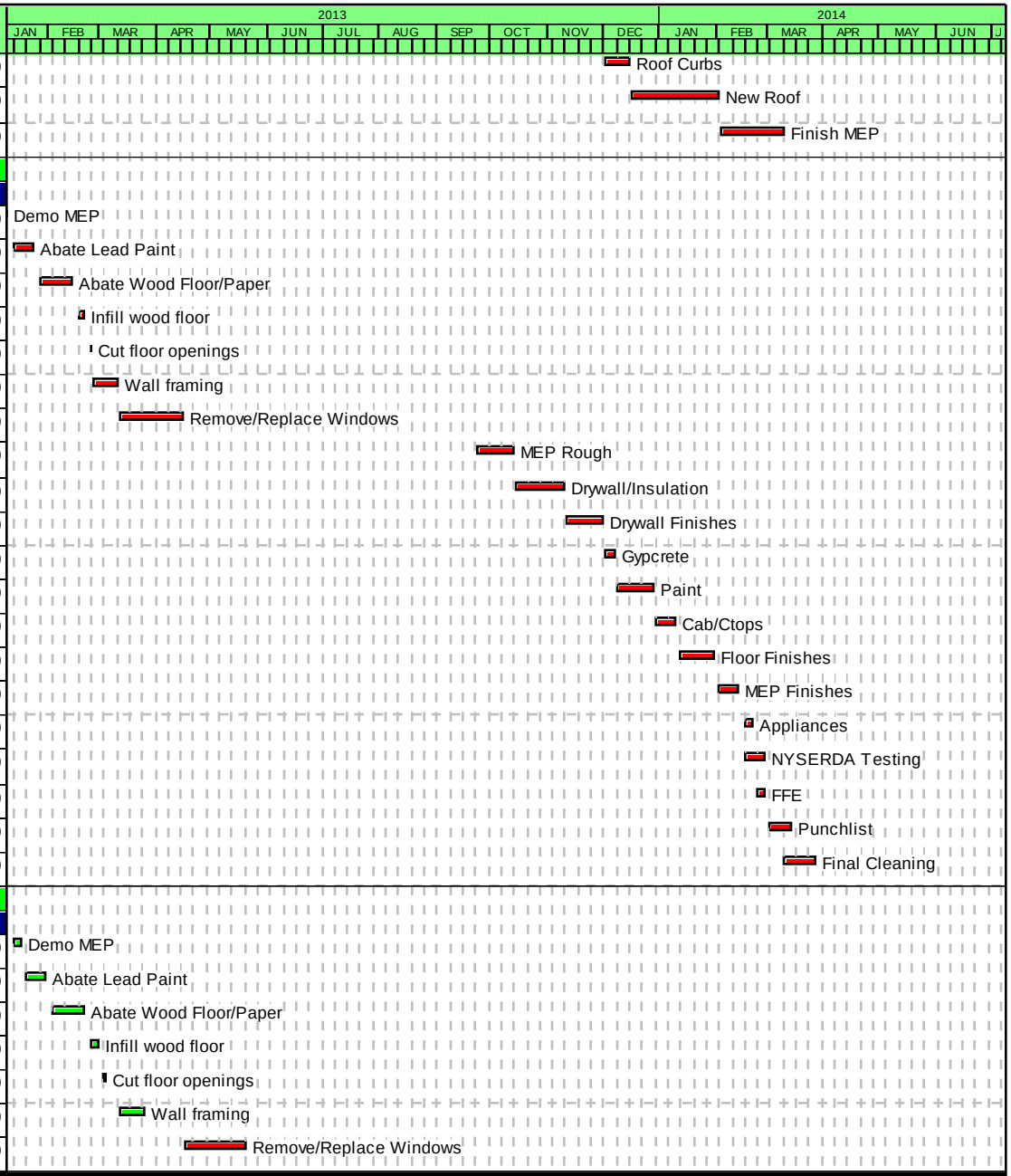


DATA DATE 01/07/13
FINISH DATE 07/04/14

PAGE NUMBER 1A
PAGE COUNT 7A

CHRISTA CONSTRUCTION, LLC
DEPAUL
33 LITCHFIELD ST.
THE CARRIAGE FACTORY
PRELIMINARY SCHEDULE
UPDATED 10.16.12

Activity ID	Activity Description	Orig Dur	Act Dur	Early Start	Early Finish	% Comp
0028	Roof Curbs	10	0	12/03/13	12/16/13	0
0029	New Roof	35	0	12/17/13	02/03/14	0
0030	Finish MEP	25	0	02/04/14	03/10/14	0
5TH FLOOR						
0032	Demo MEP	5	0	01/07/13	01/11/13	0
0033	Abate Lead Paint	10	0	01/14/13	01/25/13	0
0034	Abate Wood Floor/Paper	15	0	01/28/13	02/15/13	0
0035	Infill wood floor	5	0	02/18/13	02/22/13	0
0036	Cut floor openings	2	0	02/25/13	02/26/13	0
0037	Wall framing	10	0	02/27/13	03/12/13	0
0157	Remove/Replace Windows	25	0	03/13/13	04/16/13	0
0038	MEP Rough	15	0	09/24/13	10/14/13	0
0039	Drywall/Insulation	20	0	10/15/13	11/11/13	0
0040	Drywall Finishes	15	0	11/12/13	12/02/13	0
0041	Gypcrete	5	0	12/03/13	12/09/13	0
0042	Paint	15	0	12/10/13	12/30/13	0
0043	Cab/Ctops	9	0	12/31/13	01/10/14	0
0044	Floor Finishes	15	0	01/13/14	01/31/14	0
0045	MEP Finishes	10	0	02/03/14	02/14/14	0
0046	Appliances	5	0	02/17/14	02/21/14	0
0117	NYSERDA Testing	10	0	02/17/14	02/28/14	0
0047	FFE	5	0	02/24/14	02/28/14	0
0127	Punchlist	10	0	03/03/14	03/14/14	0
0137	Final Cleaning	15	0	03/10/14	03/28/14	0
4TH FLOOR						
0049	Demo MEP	5	0	01/14/13	01/18/13	0
0050	Abate Lead Paint	10	0	01/21/13	02/01/13	0
0051	Abate Wood Floor/Paper	15	0	02/04/13	02/22/13	0
0052	Infill wood floor	5	0	02/25/13	03/01/13	0
0053	Cut floor openings	2	0	03/04/13	03/05/13	0
0054	Wall framing	10	0	03/13/13	03/26/13	0
0134	Remove/Replace Windows	25	0	04/17/13	05/21/13	0



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CHRISTA CONSTRUCTION, LLC
DEPAUL
33 LITCHFIELD ST.
THE CARRIAGE FACTORY
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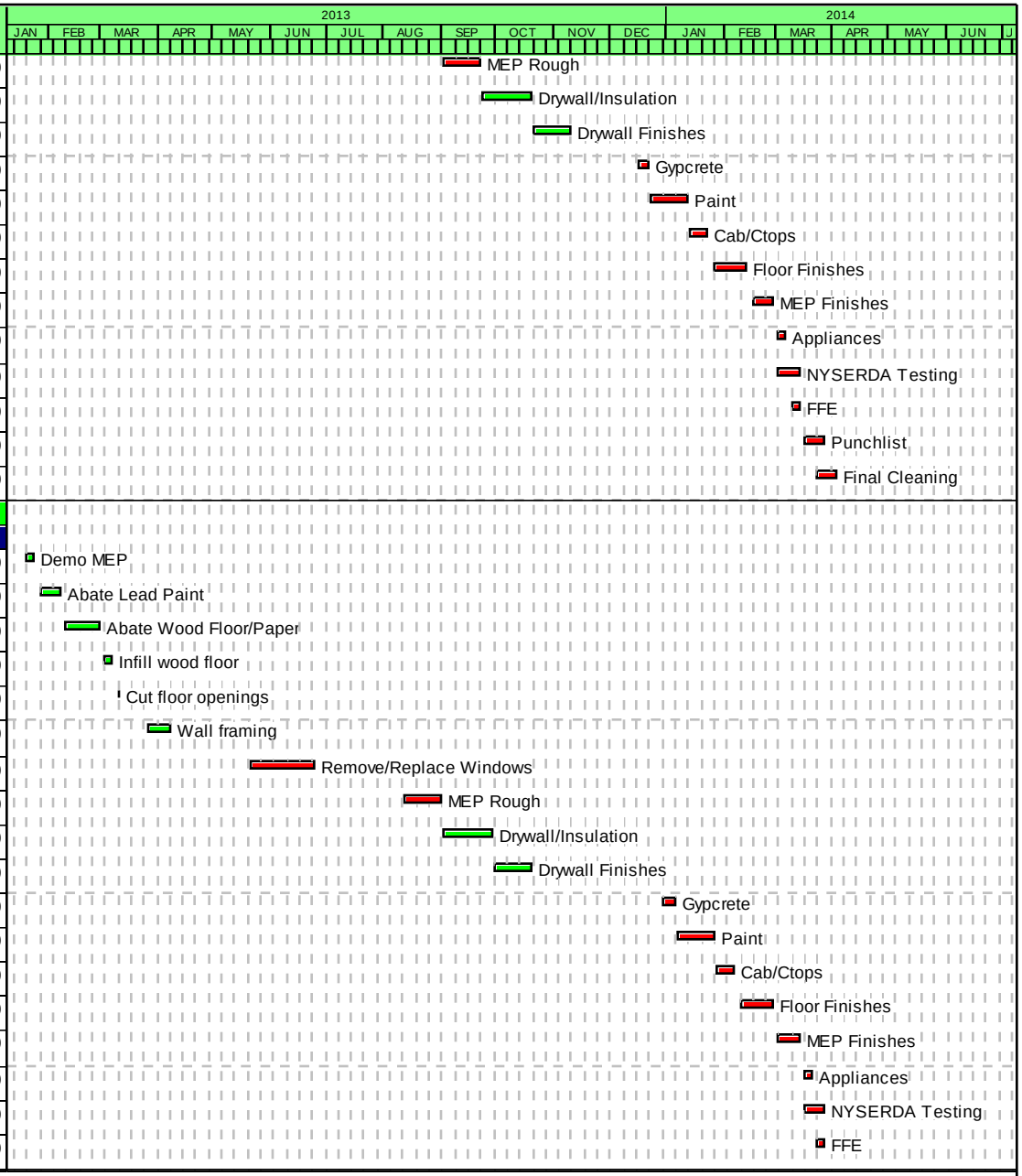
UPDATED 10.16.12

Activity ID	Activity Description	Orig Dur	Act Dur	Early Start	Early Finish	% Comp
0055	MEP Rough	15	0	09/03/13	09/23/13	0
0056	Drywall/Insulation	20	0	09/24/13	10/21/13	0
0057	Drywall Finishes	15	0	10/22/13	11/11/13	0
0058	Gypcrete	5	0	12/17/13	12/23/13	0
0059	Paint	15	0	12/24/13	01/13/14	0
0060	Cab/Ctops	9	0	01/14/14	01/24/14	0
0061	Floor Finishes	15	0	01/27/14	02/14/14	0
0062	MEP Finishes	10	0	02/17/14	02/28/14	0
0063	Appliances	5	0	03/03/14	03/07/14	0
0124	NYSERDA Testing	10	0	03/03/14	03/14/14	0
0064	FFE	5	0	03/10/14	03/14/14	0
0119	Punchlist	10	0	03/17/14	03/28/14	0
0129	Final Cleaning	10	0	03/24/14	04/04/14	0
3RD FLOOR						
0066	Demo MEP	5	0	01/21/13	01/25/13	0
0067	Abate Lead Paint	10	0	01/28/13	02/08/13	0
0068	Abate Wood Floor/Paper	15	0	02/11/13	03/01/13	0
0069	Infill wood floor	5	0	03/04/13	03/08/13	0
0070	Cut floor openings	2	0	03/11/13	03/12/13	0
0071	Wall framing	10	0	03/27/13	04/09/13	0
0131	Remove/Replace Windows	25	0	05/22/13	06/25/13	0
0072	MEP Rough	15	0	08/13/13	09/02/13	0
0073	Drywall/Insulation	20	0	09/03/13	09/30/13	0
0074	Drywall Finishes	15	0	10/01/13	10/21/13	0
0075	Gypcrete	5	0	12/31/13	01/06/14	0
0076	Paint	15	0	01/07/14	01/27/14	0
0077	Cab/Ctops	9	0	01/28/14	02/07/14	0
0078	Floor Finishes	15	0	02/10/14	02/28/14	0
0079	MEP Finishes	10	0	03/03/14	03/14/14	0
0080	Appliances	5	0	03/17/14	03/21/14	0
0121	NYSERDA Testing	10	0	03/17/14	03/28/14	0
0081	FFE	5	0	03/24/14	03/28/14	0



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DEPAUL
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THE CARRIAGE FACTORY
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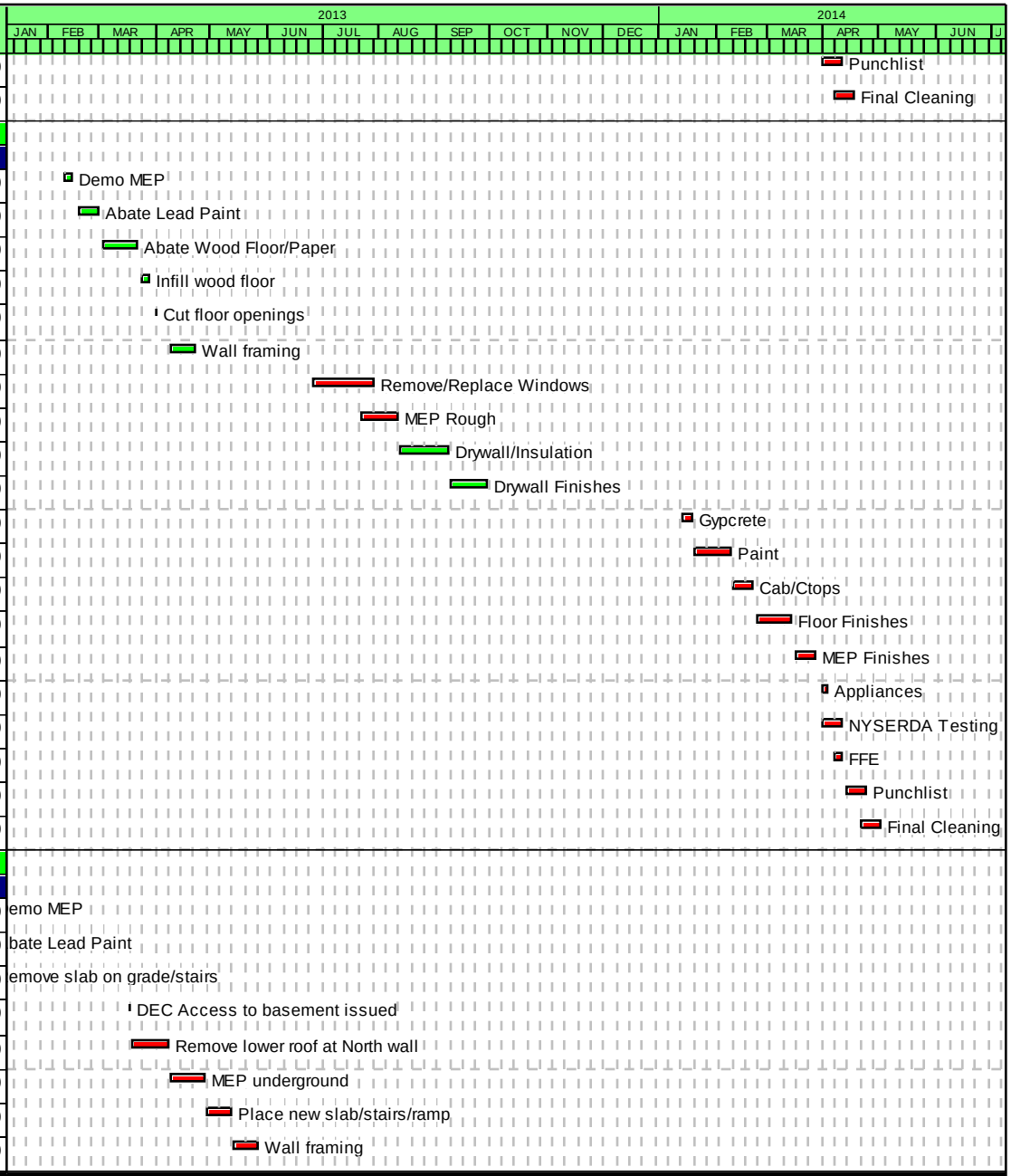
Activity ID	Activity Description	Orig Dur	Act Dur	Early Start	Early Finish	% Comp
0786	Punchlist	10	0	03/31/14	04/11/14	0
0796	Final Cleaning	10	0	04/07/14	04/18/14	0
2ND FLOOR						
0083	Demo MEP	5	0	02/11/13	02/15/13	0
0084	Abate Lead Paint	10	0	02/18/13	03/01/13	0
0085	Abate Wood Floor/Paper	15	0	03/04/13	03/22/13	0
0086	Infill wood floor	5	0	03/25/13	03/29/13	0
0087	Cut floor openings	2	0	04/01/13	04/02/13	0
0088	Wall framing	10	0	04/10/13	04/23/13	0
0139	Remove/Replace Windows	25	0	06/26/13	07/30/13	0
0089	MEP Rough	15	0	07/23/13	08/12/13	0
0090	Drywall/Insulation	20	0	08/13/13	09/09/13	0
0091	Drywall Finishes	15	0	09/10/13	09/30/13	0
0092	Gypcrete	5	0	01/14/14	01/20/14	0
0093	Paint	15	0	01/21/14	02/10/14	0
0094	Cab/Ctops	9	0	02/11/14	02/21/14	0
0095	Floor Finishes	15	0	02/24/14	03/14/14	0
0096	MEP Finishes	10	0	03/17/14	03/28/14	0
0097	Appliances	5	0	03/31/14	04/04/14	0
0147	NYSERDA Testing	10	0	03/31/14	04/11/14	0
0098	FFE	5	0	04/07/14	04/11/14	0
0103	Punchlist	10	0	04/14/14	04/25/14	0
0133	Final Cleaning	10	0	04/21/14	05/02/14	0
1ST FLOOR						
0100	Demo MEP	5	1	01/01/13 A	01/01/13	100
0101	Abate Lead Paint	10	1	01/01/13 A	01/01/13	100
0104	Remove slab on grade/stairs	20	1	01/01/13 A	01/01/13	100
0826	DEC Access to basement issued	1	0	03/18/13 *	03/18/13	0
0126	Remove lower roof at North wall	15	0	03/19/13	04/08/13	0
0105	MEP underground	15	0	04/09/13	04/29/13	0
0106	Place new slab/stairs/ramp	10	0	04/30/13	05/13/13	0
0107	Wall framing	10	0	05/14/13	05/27/13	0



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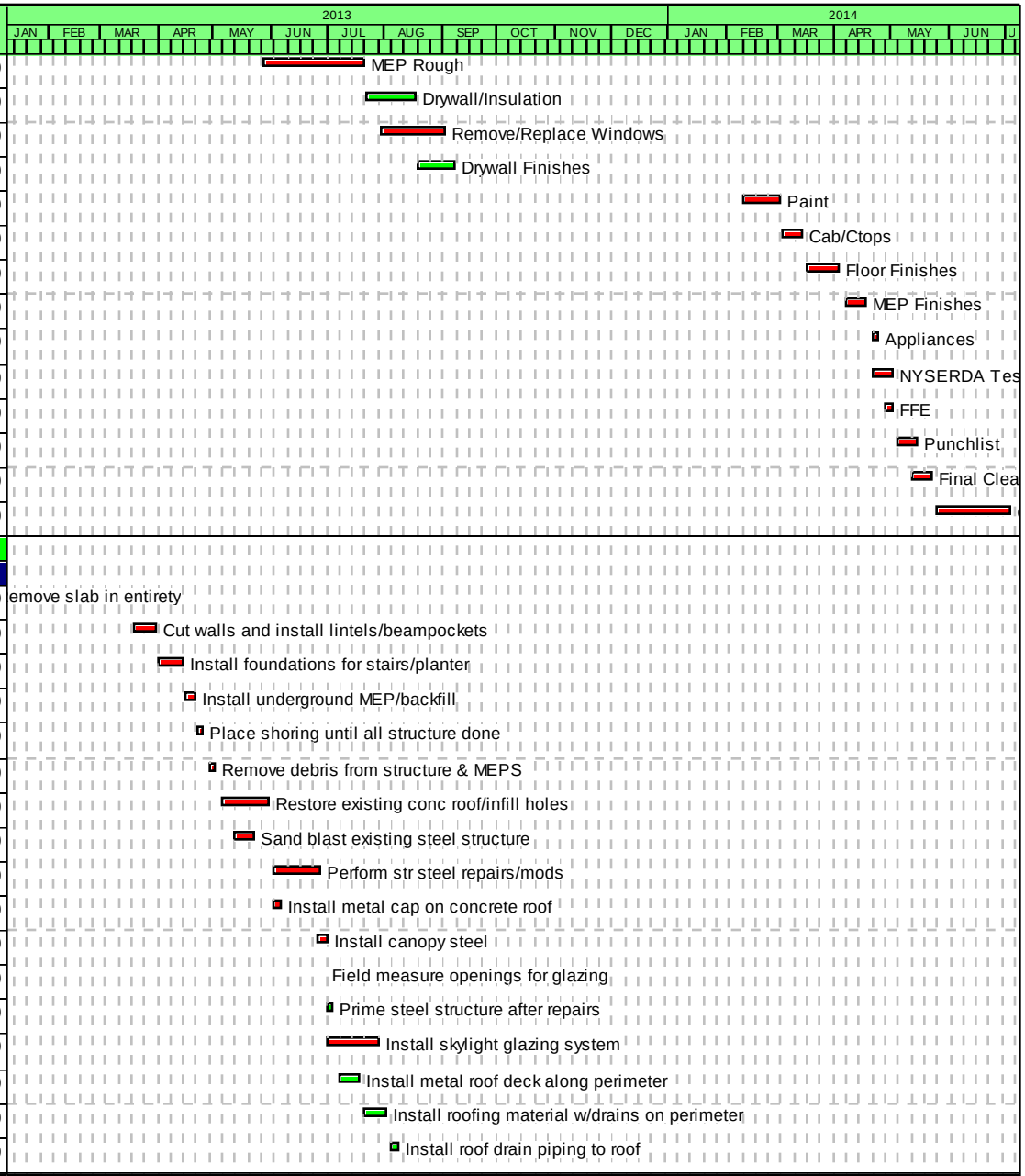
CHRISTA CONSTRUCTION, LLC
DEPAUL
33 LITCHFIELD ST.
THE CARRIAGE FACTORY
PRELIMINARY SCHEDULE
UPDATED 10.16.12

Activity ID	Activity Description	Orig Dur	Act Dur	Early Start	Early Finish	% Comp
0108	MEP Rough	40	0	05/28/13	07/22/13	0
0109	Drywall/Insulation	20	0	07/23/13	08/19/13	0
0138	Remove/Replace Windows	25	0	07/31/13	09/03/13	0
0110	Drywall Finishes	15	0	08/20/13	09/09/13	0
0111	Paint	15	0	02/11/14	03/03/14	0
0112	Cab/Ctops	9	0	03/04/14	03/14/14	0
0113	Floor Finishes	15	0	03/17/14	04/04/14	0
0114	MEP Finishes	10	0	04/07/14	04/18/14	0
0115	Appliances	5	0	04/21/14	04/25/14	0
0806	NYSERDA Testing	10	0	04/21/14	05/02/14	0
0116	FFE	5	0	04/28/14	05/02/14	0
0120	Punchlist	10	0	05/05/14	05/16/14	0
0130	Final Cleaning	10	0	05/12/14	05/23/14	0
0140	Obtain Final Certificate of	30	0	05/26/14	07/04/14	0
SKYLIGHT/LOBBY						
0576	Remove slab in entirety	10	1	01/01/13 A	01/01/13	100
0606	Cut walls and install	10	0	03/19/13	04/01/13	0
0586	Install foundations for stairs/planter	10	0	04/02/13	04/15/13	0
0596	Install underground MEP/backfill	5	0	04/16/13	04/22/13	0
0466	Place shoring until all structure	4	0	04/23/13	04/26/13	0
0476	Remove debris from structure &	5	0	04/29/13	05/03/13	0
0506	Restore existing conc roof/infill	20	0	05/06/13	05/31/13	0
0616	Sand blast existing steel structure	10	0	05/13/13	05/24/13	0
0486	Perform str steel repairs/mods	20	0	06/03/13	06/28/13	0
0546	Install metal cap on concrete roof	5	0	06/03/13	06/07/13	0
0676	Install canopy steel	4	0	06/27/13	07/02/13	0
0526	Field measure openings for glazing	1	0	07/01/13	07/01/13	0
0496	Prime steel structure after repairs	5	0	07/01/13	07/05/13	0
0536	Install skylight glazing system	20	0	07/02/13	07/29/13	0
0516	Install metal roof deck along	10	0	07/08/13	07/19/13	0
0556	Install roofing material w/drains on	10	0	07/22/13	08/02/13	0
0566	Install roof drain piping to roof	5	0	08/05/13	08/09/13	0



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DEPAUL
33 LITCHFIELD ST.
THE CARRIAGE FACTORY
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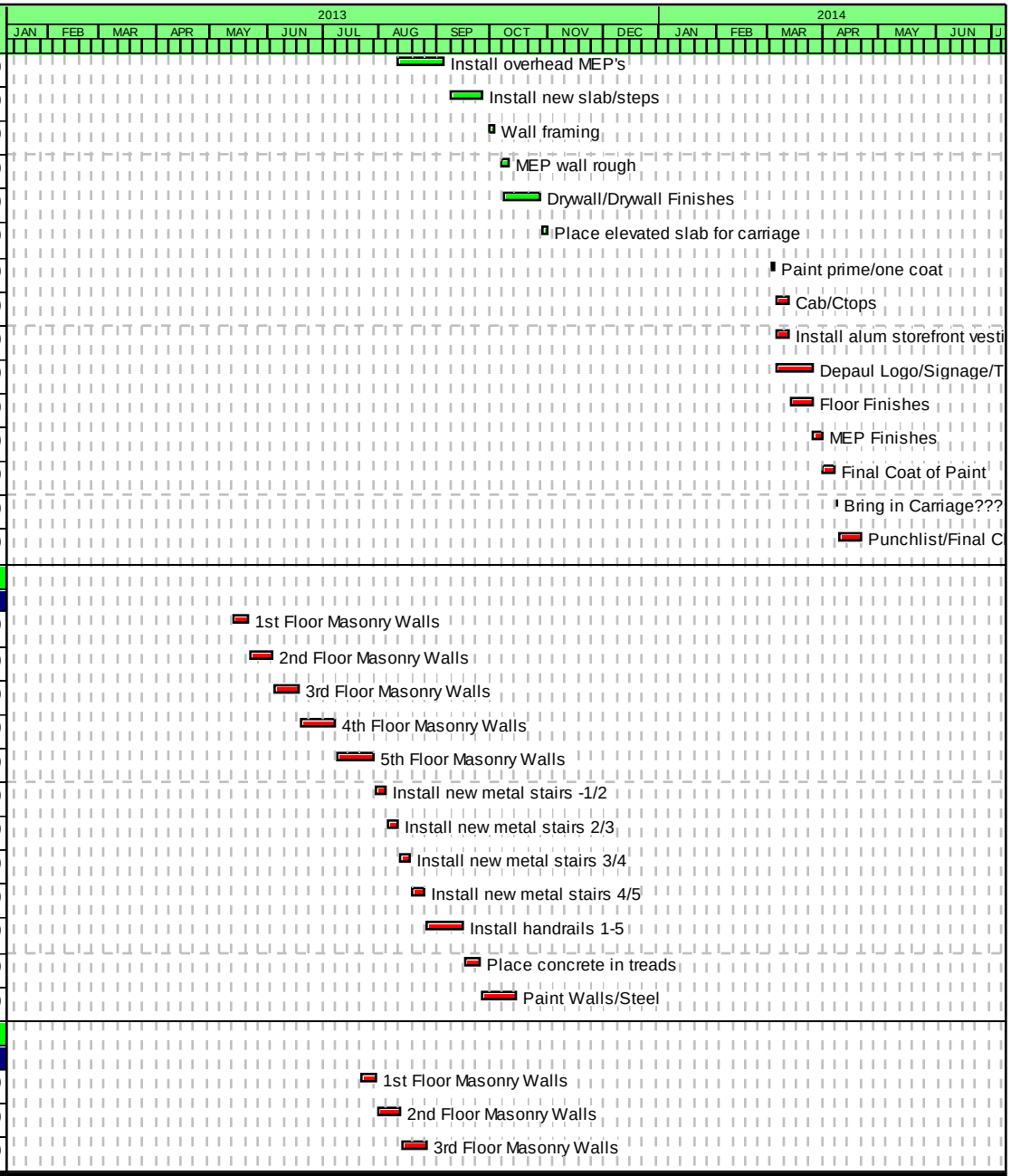
Activity ID	Activity Description	Orig Dur	Act Dur	Early Start	Early Finish	% Comp
0626	Install overhead MEP's	20	0	08/12/13	09/06/13	0
0636	Install new slab/steps	15	0	09/09/13	09/27/13	0
0646	Wall framing	5	0	09/30/13	10/04/13	0
0656	MEP wall rough	5	0	10/07/13	10/11/13	0
0666	Drywall/Drywall Finishes	15	0	10/09/13	10/29/13	0
0716	Place elevated slab for carriage	3	0	10/30/13	11/01/13	0
0686	Paint prime/one coat	3	0	03/04/14	03/06/14	0
0696	Cab/Ctops	5	0	03/07/14	03/13/14	0
0706	Install alum storefront vestibule	5	0	03/07/14	03/13/14	0
0746	Depaul Logo/Signage/TV's	15	0	03/07/14	03/27/14	0
0726	Floor Finishes	10	0	03/14/14	03/27/14	0
0736	MEP Finishes	5	0	03/26/14	04/01/14	0
0756	Final Coat of Paint	5	0	04/01/14	04/07/14	0
0766	Bring in Carriage???	1	0	04/08/14	04/08/14	0
0776	Punchlist/Final Clean	10	0	04/09/14	04/22/14	0
STAIR #1						
0136	1st Floor Masonry Walls	7	0	05/14/13	05/22/13	0
0146	2nd Floor Masonry Walls	9	0	05/23/13	06/04/13	0
0156	3rd Floor Masonry Walls	11	0	06/05/13	06/19/13	0
0166	4th Floor Masonry Walls	13	0	06/20/13	07/08/13	0
0176	5th Floor Masonry Walls	15	0	07/09/13	07/29/13	0
0186	Install new metal stairs -1/2	5	0	07/30/13	08/05/13	0
0206	Install new metal stairs 2/3	5	0	08/06/13	08/12/13	0
0196	Install new metal stairs 3/4	5	0	08/13/13	08/19/13	0
0216	Install new metal stairs 4/5	5	0	08/20/13	08/26/13	0
0226	Install handrails 1-5	15	0	08/27/13	09/16/13	0
0236	Place concrete in treads	7	0	09/17/13	09/25/13	0
0246	Paint Walls/Steel	15	0	09/26/13	10/16/13	0
STAIR #2						
0256	1st Floor Masonry Walls	7	0	07/23/13	07/31/13	0
0266	2nd Floor Masonry Walls	9	0	08/01/13	08/13/13	0
0276	3rd Floor Masonry Walls	11	0	08/14/13	08/28/13	0



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CHRISTA CONSTRUCTION, LLC
DEPAUL
33 LITCHFIELD ST.
THE CARRIAGE FACTORY
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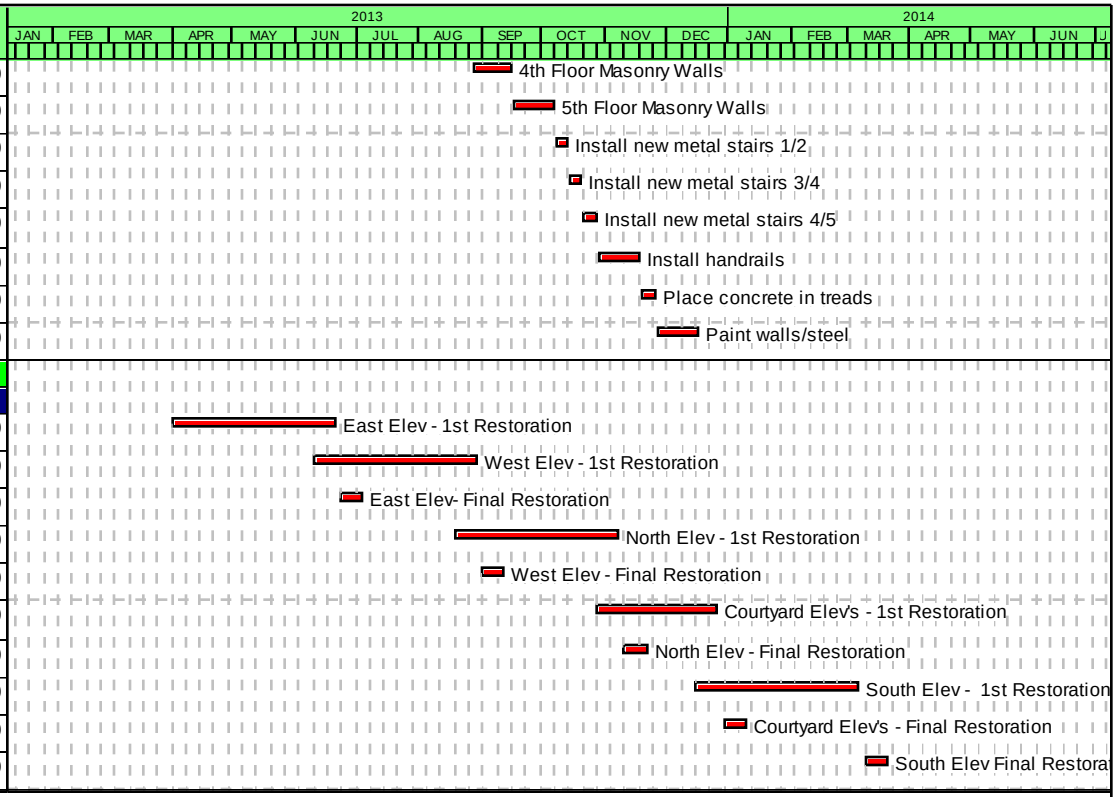
UPDATED 10.16.12

Activity ID	Activity Description	Orig Dur	Act Dur	Early Start	Early Finish	% Comp
0286	4th Floor Masonry Walls	13	0	08/29/13	09/16/13	0
0296	5th Floor Masonry Walls	15	0	09/17/13	10/07/13	0
0306	Install new metal stairs 1/2	5	0	10/08/13	10/14/13	0
0316	Install new metal stairs 3/4	5	0	10/15/13	10/21/13	0
0326	Install new metal stairs 4/5	5	0	10/22/13	10/28/13	0
0336	Install handrails	15	0	10/29/13	11/18/13	0
0346	Place concrete in treads	7	0	11/19/13	11/27/13	0
0356	Paint walls/steel	15	0	11/28/13	12/18/13	0
EXTERIOR/INTERIOR WALL MASONRY RESTORATIONS						
0376	East Elev - 1st Restoration	60	0	04/01/13 *	06/21/13	0
0386	West Elev - 1st Restoration	60	0	06/10/13	08/30/13	0
0426	East Elev- Final Restoration	10	0	06/24/13	07/05/13	0
0396	North Elev - 1st Restoration	60	0	08/19/13	11/08/13	0
0436	West Elev - Final Restoration	10	0	09/02/13	09/13/13	0
0406	Courtyard Elev's - 1st Restoration	45	0	10/28/13	12/27/13	0
0446	North Elev - Final Restoration	10	0	11/11/13	11/22/13	0
0366	South Elev - 1st Restoration	60	0	12/16/13	03/07/14	0
0456	Courtyard Elev's - Final Restoration	10	0	12/30/13	01/10/14	0
0416	South Elev Final Restoration	10	0	03/10/14	03/21/14	0



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DEPAUL
33 LITCHFIELD ST.
THE CARRIAGE FACTORY
PRELIMINARY SCHEDULE
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Attachment D

Environmental History Information

(Supplemental Information for Section VII, Parts 1 through 5)

Attachment D

Property's Environmental History

Attachment D presents a summary of the environmental history of the site. The information presented below was obtained from a review of reports of previous environmental site assessments and investigations that have been performed at the site. The sources for the information presented below are the reports listed as References below.

The Phase I ESA determined that historical Site operations included manufacture of wood trim/accent-related products for the automotive industry, other automotive parts, and clothing washers and dryers. A variety of commercial and industrial tenants have also occupied the building between 1962 and 1993. Several "potential Recognized Environmental Conditions" (RECS) were identified that warranted further investigation. These included: floor drains with unknown discharge points; abandoned and potentially leaking drums in the basement and on the third floor; and apparent petroleum staining near the loading dock and in the southern portion of the Site. Other environmental concerns were identified that do not necessarily constitute RECs (as defined by the ASTM Standard E1527-05), such as the potential presence of: Asbestos-Containing Materials; Lead-Based Paint, and PCB-containing light ballasts. NYSDEC Spill Number 9009716 was identified onsite and occurred on December 6, 1990 when a drum was found to have leaked onto an area of asphalt and soil. The drum was overpacked, the material, which was black, viscous, and had a creosote-like odor, was scraped up and absorbed, and the spill was closed on February 6, 1991. The spill was not identified as an REC in the Phase I ESA. Excessive bird excrement was also observed.

"Limited Phase II," "Phase II Site Qualification," and "Phase II Groundwater Sampling" investigations were performed by Development and Environmental Consultants, Inc. (DECI) in 2011-2012. These included subsurface investigations consisting of several test borings in soil and bedrock, monitoring well installation, and sampling and analysis of soil and groundwater. Borings and wells were performed onsite, offsite and beneath the basement of the building.

The major findings of these investigations include:

- Site soils consist of a mixture of urban fill overlying apparent glaciolacustrine and glacial till deposits.
- The groundwater table is generally at or below the top of bedrock, and groundwater flows toward the east and northeast.
- Contaminants in groundwater found at levels in excess of New York State Department of Environmental Conservation's (NYSDEC)'s groundwater

standards in 9 of the 12 wells sampled involve the chlorinated VOCs tetrachloroethylene (PCE), trichloroethylene (TCE), cis-1,2-dichloroethylene (cis-1,2-DCE), trans-1,2-dichloroethylene (trans-1,2-DCE), and vinyl chloride (VC). Total VOCs concentrations ranged up to 888 micrograms per liter (parts per billion). The highest concentrations were observed in well RW-6, an offsite well which is located north of the site on the north side of Wiley Street. The data to date indicate that an on-site source of the VOCs in groundwater has not been identified.

- Contaminants in soil samples at levels in excess of the NYSDEC's Protection of Groundwater and/or Restricted Residential Soil Cleanup Objectives (SCOs) were found for VOCs, Semivolatile Organic Compounds (SVOCs), and metals. However, VOCs are the primary contaminant of concern at this Site.
- Soil vapor samples taken from beneath the building slab exceed New York State Department of Health (NYSDOH) indoor air guideline values found in the Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006) for several chlorinated VOCs. No vapor samples were taken from indoor or outdoor air for comparison to the sub-slab vapor results. The basement floor slab has since been removed and the sub-slab soils are now exposed to the basement air.

The concrete basement floor has been removed, uncovering a sump that was present in northwest portion of the basement. Trace levels of chlorinated VOCs were detected in each soil sample taken from beneath the basement floor slab after it was removed in June 2012. Samples of sump water and soils surrounding the sump were obtained and analyzed. Exceedances were found in the soil and water samples for metals and acetone.

It should be noted that the analytical data generated during these previous investigations was not prepared with "Category B" deliverables, nor were Data Usability Summary Reports (DUSRs) generated. Accordingly, the laboratory was requested to prepare Category B deliverables and those data packages are in the process of undergoing a data usability review in order to satisfy NYSDEC's BCP requirements for data quality.

Attachment D – Environmental History

Table D-1: Summary of Known Contaminants

The following table presents a summary of the range of concentrations of contaminants with exceedances of Restricted Residential or Protection of Groundwater SCOs detected in samples collected at the site.

Sample Medium	Soil	Groundwater	Sub-slab Soil Vapor
Concentration Units	ppm	ppm	µg/m^3
Volatile Organic Compounds (VOCs)			
Acetone	ND – 97.0	ND – 143	
Benzene		ND – 1.13	
Chloroform (Trichloromethane)		ND – 11.3	
Cis-1,2-dichloroethylene		ND – 81.8	
Trans-1,2-dichloroethylene		ND – 10.2	
Methylene Chloride (Dichloromethane)			25.8 – 277
Tetrachloroethylene (PCE)		ND – 881	3.29 – 3,050
Trichloroethylene (TCE)	ND – 1,110	ND – 112	0.391 – 11,000
Vinyl chloride		ND – 3.99	
Semi-volatiles (SVOCs)			
Benzo(a)anthracene	ND – 3,020		
Benzo(a)pyrene	ND – 2,640		
Benzo(b)fluoranthene	ND – 2,680		
Benzo(k)fluoranthene	ND – 1,750		
Chrysene	ND – 2,940		
Dibenzo(a,h)anthracene	ND – 629		
Indeno(1,2,3-cd)pyrene	ND – 1,730		
Metals			
Aluminum	1,440 – 11,300		
Calcium	1,520 – 119,000		
Copper	ND – 5,680		
Iron	7,760 – 95,600	23.7	
Lead	2.52 – 2,520	0.308	
Magnesium	1,500 – 13,800	41.6	
Manganese	95.5 – 2,460	0.981	
Mercury	ND – 0.803		
Nickel	ND – 327	0.115	
Sodium		78.3	
Zinc	13.8 – 5,790		

ppm = parts per million
µg/m^3 = micrograms per cubic meter
ND = non-detect
Blank space indicates that no exceedances were detected for the analyte in the given medium, or that no samples were analyzed.

Attachment D – Environmental History

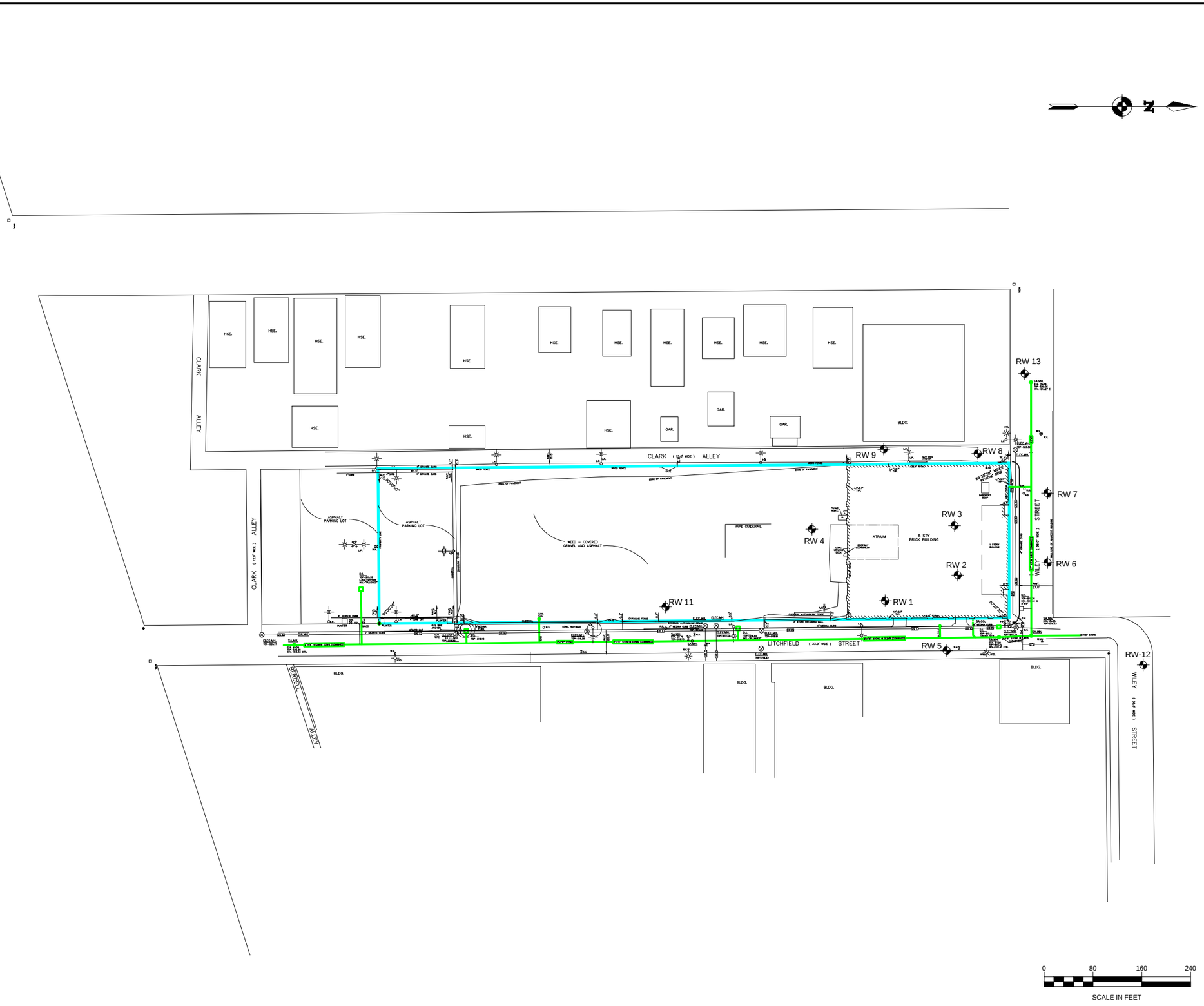
References

A list of reports presenting previous environmental investigations and activities at the Site is presented below.

- Phase I Environmental Site Assessment (ESA), dated September 2010 by Development & Environmental Consultants, Inc. (DECI);
- Phase II Limited Subsurface Investigation, dated February 2011 and revised November 2011, by DECI;
- Phase II Site Qualification Investigation, dated June 2011 and revised November 2011, by DECI;
- Phase II Groundwater Sampling, dated April 2012, by DECI;
- Phase II Groundwater Sampling Addendum, Wells RW-4, 5 & 6, dated May 2012, by DECI;
- Phase II Groundwater Sampling Addendum, Wells RW-7, 8, 9, 11, 12 and 13, dated June 2012, by DECI;
- A Letter discussing Basement Soil Sampling, dated June 20, 2012, by DECI; and
- A Letter discussing Sump Soil-Water Sampling, dated August 17, 2012, by DECI.

Attachment D – Environmental History

Data Summary Tables and Figures



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ORIGINAL SHEET - ANSI D

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61 COMMERCIAL STREET
ROCHESTER, NY
14641
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Fax. 585-424-5951
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Consultants

Legend

RW 2 ROCK WELL

Notes

Revision	By	Appd.	YY.MM.DD

Issued	By	Appd.	YY.MM.DD

File Name:	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project

NIXON PEABODY

FORMER CARRIAGE FACTORY
33 LITCHFIELD STREET
ROCHESTER , NY

Title

SITE PLAN

Project No.	Scale
190500751	1" = 80'

Drawing No.	Sheet	Revision
FIGURE D-1	of	0

Table D-2
Summary of Analytical Results in Soil
Brownfield Cleanup Program
Phase II Environmental Investigation
33 Litchfield Street, Rochester, New York

Sample Location			001 SW Corner	002 W Center	003 NW Corner	004 North Center	008	009	B-1		B-2		B-3		B-4		B-5		B-6			B-7	B-8	B-9
Sample Date			5-Jun-12	5-Jun-12	5-Jun-12	5-Jun-12	17-Jun-12	17-Jun-12	21-Dec-10	21-Dec-10	21-Dec-10	21-Dec-10	22-Dec-10	22-Dec-10	22-Dec-10	22-Dec-10	21-Dec-10	21-Dec-10	21-Dec-10	21-Dec-10	3-May-11	23-Dec-10	23-Dec-10	23-Dec-10
Sample ID			001 SW Corner	002 W Center	003 NW Corner	004 North Center	008	009	B-1 0-4 ft (S-001)	B-1 8-12 ft (S-002)	B-2 0-4 ft (S-003)	B-2 8-12 ft (S-004)	B-3 0-4 ft (S-005)	B-3 6-10 (S-006)	B-4 0-4 (S-007)	B-4 8-12 (S-008)	B-5 0-4 (S-009)	B-5 6-10 (S-010)	B-6 0-4 (S011)	B-6 10-14 (S012)	B-6-1 6-8 ft	B-7 (S013)	B-8 (S014)	B-9 (S015)
Sample Depth									0 - 4 ft	8 - 12 ft	0 - 4 ft	8 - 12 ft	0 - 4 ft	6 - 10 ft	0 - 4 ft	8 - 12 ft	0 - 4 ft	6 - 10 ft	0 - 4 ft	10 - 14 ft	6 - 8 ft			
Sampling Company			DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:2362	12:2362	12:2362	12:2362	12:2593	12:2593	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	11:1825	10:5252	10:5252	10:5252
Laboratory Sample ID			12:2362-01	12:2362-02	12:2362-03	12:2362-04	12:2593-01	12:2593-02	16390	16391	16392	16393	16394	16395	16396	16397	16398	16399	16400	16401	6166	16402	16403	16404
Sample Type	Units	6NYCRR																						
Metals																								
Aluminum	mg/kg	$_{NS}^{A}10000_{d}^{B}$	-	-	-	-	-	-	5080	3420	7040	3600	9860	3170	7819	3390	**11300**^{B}	4440	5100	4670	-	3980	3920	5300
Antimony	mg/kg	$_{NS}^{A}10000_{d}^{B}$	-	-	-	-	-	-	7.31 U	6.74 U	6.35 U	4.22 U	5.11 U	3.86 U	5.23 U	4.25 U	6.29 U	6.37 U	4.93 U	5.77 U	-	4.83 U	6.23 U	4.51 U
Arsenic	mg/kg	16_{g}^{AB}	-	-	-	-	-	-	8.95	1.63	6.69	1.71	5.18	2.28	5.19	1.51	12.3	1.57	14.7	2.48	-	1.46	1.15	0.375 U
Barium	mg/kg	400^{A} 820^{B}	-	-	-	-	-	-	113	25.1	68	20.3	66.4	36.9	62.4	21.9	227	2.12 U	116	17.9	-	27.7	26.5	108
Beryllium	mg/kg	72^{A} 47^{B}	-	-	-	-	-	-	0.609 U	0.561 U	0.529 U	0.352 U	0.451	0.322 U	0.436 U	0.354 U	0.626	0.530 U	0.410 U	0.481 U	-	0.403 U	0.519 U	0.375 U
Cadmium	mg/kg	4.3^{A} 7.5^{B}	-	-	-	-	-	-	0.609 U	0.561 U	0.529 U	0.352 U	0.426 U	0.322 U	0.436 U	0.354 U	2.28	0.530 U	3.08	0.481 U	-	0.403 U	0.519 U	0.375 U
Calcium	mg/kg	$_{NS}^{A}10000_{d}^{B}$	-	-	-	-	-	-	**18000**^{B}	**34200**^{B}	6800	**44300**^{B}	1520	**119000**^{B}	2560	**65600**^{B}	**12100**^{B}	**16300**^{B}	**62900**^{B}	**37100**^{B}	-	**51500**^{B}	**42200**^{B}	**71700**^{B}
Chromium (Total)	mg/kg	$_{NS,q}^{A}$ $_{NS,q}^{B}$	-	-	-	-	-	-	10.6	6.31	9.86	5.96	12	5.13	10	5.47	276	6.79	13.7	6.85	-	6.66	5.86	8.35
Cobalt	mg/kg	$_{NS}^{A}10000_{d}^{B}$	-	-	-	-	-	-	7.79	3.68	7.83	3.32	6.23	3.17	6.62	3.32	11	4.36	7.24	4.09	-	3.41	3.47	5.14
Copper	mg/kg	270^{A} 1720^{B}	-	-	-	-	-	-	261	16.2	253	7.25	198	8.42	223	6.16	**2170**^{AB}	8.67	**5680**^{AB}	19.6	-	0.804 U	7.26	**5520**^{AB}
Iron	mg/kg	$_{NS}^{A}10000_{d}^{B}$	-	-	-	-	-	-	**49600**^{B}	**95600**^{B}	**20700**^{B}	9150	**21500**^{B}	8758.4	**19300**^{B}	8350	**37400**^{B}	**10900**^{B}	**29300**^{B}	**10400**^{B}	-	9480	8740	**14400**^{B}
Lead	mg/kg	400^{A} 450^{B}	-	-	-	-	-	-	**1210**^{AB}	13	**560**^{AB}	2.72	240	3.27	280	2.52	**2520**^{AB}	2.98	**1960**^{AB}	5.84	-	3.35	4.21	37.2
Magnesium	mg/kg	$_{NS}^{A}10000_{d}^{B}$	-	-	-	-	-	-	3840	8080	1780	8340	1910	6190	1500	8100	3890	4040	9240	7130	-	9700	8560	**11300**^{B}
Manganese	mg/kg	2000_{g}^{AB}	-	-	-	-	-	-	284	302	253	266	390	**2460**^{AB}	423	280	484	392	296	483	-	298	322	402
Mercury	mg/kg	0.81_{q}^{A} 0.73^{B}	-	-	-	-	-	-	**0.803**^{B}	0.0046 U	0.268	0.006 U	0.493	0.0054 U	0.236	0.0142 U	0.308	0.0081	0.0164 U	0.0079 U	-	0.0161 U	0.0088 U	0.0086 U
Nickel	mg/kg	310^{A} 130^{B}	-	-	-	-	-	-	26.1	10	18.8	5.77	12.5	6.15	12	5.7	**327**^{AB}	6.57	3.28 U	7.18	-	7.53	4.15 U	12.3
Potassium	mg/kg	$_{NS}^{A}10000_{d}^{B}$	-	-	-	-	-	-	727	756	748	818	1050	734	957	815	795	1020	814	1260	-	1090	982	1251
Selenium	mg/kg	180^{A} 4_{q}^{B}	-	-	-	-	-	-	0.609 U	0.561 U	0.529 U	0.352 U	0.426 U	0.322 U	0.436 U	0.354 U	0.524 U	0.530 U	0.410 U	0.481 U	-	0.403 U	0.519 U	0.375 U
Silver	mg/kg	180^{A} 8.3^{B}	-	-	-	-	-	-	2	1.12 U	1.06	0.703 U	0.9	0.645 U	0.872 U	0.709 U	1.48	1.06 U	7.51	0.962 U	-	0.804 U	1.04 U	0.752 U
Sodium	mg/kg	$_{NS}^{A}10000_{d}^{B}$	-	-	-	-	-	-	145	115	106 U	111	702	206	87.2 U	133	327	117	479	197	-	140	146	546
Thallium	mg/kg	$_{NS}^{A}10000_{d}^{B}$	-	-	-	-	-	-	0.731 U	0.674 U	0.635 U	0.422 U	0.511 U	0.386 U	0.523 U	0.425 U	0.629 U	0.637 U	0.493 U	0.577 U	-	0.483 U	0.623 U	0.451 U
Vanadium	mg/kg	$_{NS}^{A}10000_{d}^{B}$	-	-	-	-	-	-	15.7	13.6	18.2	13.2	21.5	11	20.2	12	26.1	15.4	15.4	13.3	-	13.5	1.04 U	13.1
Zinc	mg/kg	10000_{g}^{A} 2480^{B}	-	-	-	-	-	-	508	21.1	14.3	14.7	102	13.8	92.6	14.9	**2680**^{B}	25.3	2460	21.4	-	17.1	17.3	**5790**^{B}
Polychlorinated Biphenyls																								
Aroclor 1016	mg/kg	1_{o}^{A} 3.2_{o}^{B}	-	-	-	-	-	-	0.361 U	-	0.356 U	-	0.357 U	-	0.349 U	-	0.358 U	-	0.350 U	-	-	-	-	-
Aroclor 1221	mg/kg	1_{o}^{A} 3.2_{o}^{B}	-	-	-	-	-	-	0.361 U	-	0.356 U	-	0.357 U	-	0.349 U	-	0.358 U	-	0.350 U	-	-	-	-	-
Aroclor 1232	mg/kg	1_{o}^{A} 3.2_{o}^{B}	-	-	-	-	-	-	0.361 U	-	0.356 U	-	0.357 U	-	0.349 U	-	0.358 U	-	0.350 U	-	-	-	-	-
Aroclor 1242	mg/kg	1_{o}^{A} 3.2_{o}^{B}	-	-	-	-	-	-	0.361 U	-	0.356 U	-	0.357 U	-	0.349 U	-	0.358 U	-	0.350 U	-	-	-	-	-
Aroclor 1248	mg/kg	1_{o}^{A} 3.2_{o}^{B}	-	-	-	-	-	-	0.361 U	-	0.356 U	-	0.357 U	-	0.349 U	-	0.358 U	-	0.350 U	-	-	-	-	-
Aroclor 1254	mg/kg	1_{o}^{A} 3.2_{o}^{B}	-	-	-	-	-	-	0.361 U	-	0.356 U	-	0.357 U	-	0.349 U	-	0.358 U	-	0.350 U	-	-	-	-	-
Aroclor 1260	mg/kg	1_{o}^{A} 3.2_{o}^{B}	-	-	-	-	-	-	0.361 U	-	0.356 U	-	0.357 U	-	0.349 U	-	0.358 U	-	0.350 U	-	-	-	-	-

See last page for notes.

Table D-2
Summary of Analytical Results in Soil
Brownfield Cleanup Program
Phase II Environmental Investigation
33 Litchfield Street, Rochester, New York

Sample Location			001 SW Corner	002 W Center	003 NW Corner	004 North Center	008	009	B-1		B-2		B-3		B-4		B-5		B-6			B-7	B-8	B-9
Sample Date			5-Jun-12	5-Jun-12	5-Jun-12	5-Jun-12	17-Jun-12	17-Jun-12	21-Dec-10	21-Dec-10	21-Dec-10	21-Dec-10	22-Dec-10	22-Dec-10	22-Dec-10	22-Dec-10	21-Dec-10	21-Dec-10	21-Dec-10	21-Dec-10	3-May-11	23-Dec-10	23-Dec-10	23-Dec-10
Sample ID			001 SW Corner	002 W Center	003 NW Corner	004 North Center	008	009	B-1 0-4 ft (S-001)	B-1 8-12 ft (S-002)	B-2 0-4 ft (S-003)	B-2 8-12 ft (S-004)	B-3 0-4 ft (S-005)	B-3 6-10 (S-006)	B-4 0-4 (S-007)	B-4 8-12 (S-008)	B-5 0-4 (S-009)	B-5 6-10 (S-010)	B-6 0-4 (S011)	B-6 10-14 (S012)	B-6-1 6-8 ft	B-7 (S013)	B-8 (S014)	B-9 (S015)
Sample Depth									0 - 4 ft	8 - 12 ft	0 - 4 ft	8 - 12 ft	0 - 4 ft	6 - 10 ft	0 - 4 ft	8 - 12 ft	0 - 4 ft	6 - 10 ft	0 - 4 ft	10 - 14 ft	6 - 8 ft			
Sampling Company			DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:2362	12:2362	12:2362	12:2362	12:2593	12:2593	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	11:1825	10:5252	10:5252	10:5252
Laboratory Sample ID			12:2362-01	12:2362-02	12:2362-03	12:2362-04	12:2593-01	12:2593-02	16390	16391	16392	16393	16394	16395	16396	16397	16398	16399	16400	16401	6166	16402	16403	16404
Sample Type	Units	6NYCRR																						
Pesticides																								
2,4,5-TP (Silvex)	µg/kg	100000$_h$[A] 3800[B]	-	-	-	-	-	-	250 U	-	233 U	-	243 U	-	234 U	-	243 U	-	242 U	-	-	-	-	-
Aldrin	µg/kg	97[A] 190[B]	-	-	-	-	-	-	3.53 U	-	3.43 U	-	3.41 U	-	3.37 U	-	3.43 U	-	3.37 U	-	-	-	-	-
BHC, alpha-	µg/kg	480[A] 20[B]	-	-	-	-	-	-	3.53 U	-	3.43 U	-	3.41 U	-	3.37 U	-	15.5 C	-	3.37 U	-	-	-	-	-
BHC, beta-	µg/kg	360[A] 90[B]	-	-	-	-	-	-	3.53 U	-	3.43 U	-	3.41 U	-	3.37 U	-	3.43 U	-	3.37 U	-	-	-	-	-
BHC, delta-	µg/kg	100000$_h$[A] 250[B]	-	-	-	-	-	-	3.53 U	-	3.43 U	-	3.41 U	-	3.37 U	-	3.43 U	-	3.37 U	-	-	-	-	-
Camphechlor (Toxaphene)	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	17.7 U	-	17.2 U	-	17.1 U	-	16.8 U	-	17.1 U	-	16.8 U	-	-	-	-	-
Chlordane, alpha-	µg/kg	4200[A] 2900[B]	-	-	-	-	-	-	3.53 U	-	3.43 U	-	3.41 U	-	3.37 U	-	18.8	-	3.37 U	-	-	-	-	-
Chlordane, gamma-	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	3.53 U	-	3.43 U	-	3.41 U	-	3.37 U	-	3.43 U	-	3.37 U	-	-	-	-	-
DDD (p,p'-DDD)	µg/kg	13000[A] 14000[B]	-	-	-	-	-	-	16.0 C	-	3.43 U	-	3.41 U	-	3.37 U	-	22.0 C	-	3.37 U	-	-	-	-	-
DDE (p,p'-DDE)	µg/kg	8900[A] 17000[B]	-	-	-	-	-	-	3.53 U	-	3.43 U	-	3.41 U	-	3.37 U	-	3.43 U	-	3.37 U	-	-	-	-	-
DDT (p,p'-DDT)	µg/kg	7900[A] 136000[B]	-	-	-	-	-	-	4.07	-	3.43 U	-	5.07	-	3.37 U	-	22.4 C	-	3.37 U	-	-	-	-	-
Dichlorophenoxy acetic acid, 2,4- (2,4-D)	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	250 U	-	233 U	-	243 U	-	234 U	-	243 U	-	242 U	-	-	-	-	-
Dieldrin	µg/kg	200[A] 100[B]	-	-	-	-	-	-	3.53 U	-	3.43 U	-	3.41 U	-	3.37 U	-	4.90 C	-	3.37 U	-	-	-	-	-
Endosulfan I	µg/kg	24000$_j$[A] 102000[B]	-	-	-	-	-	-	3.53 U	-	3.43 U	-	3.41 U	-	3.37 U	-	3.43 U	-	3.37 U	-	-	-	-	-
Endosulfan II	µg/kg	24000$_j$[A] 102000[B]	-	-	-	-	-	-	3.53 U	-	3.43 U	-	3.41 U	-	3.37 U	-	3.86 C	-	3.37 U	-	-	-	-	-
Endosulfan Sulfate	µg/kg	24000[A] 1000000$_d$[B]	-	-	-	-	-	-	10.4 C	-	3.43 U	-	3.41 U	-	3.37 U	-	12.4 C	-	3.37 U	-	-	-	-	-
Endrin	µg/kg	11000[A] 60[B]	-	-	-	-	-	-	3.53 U	-	3.43 U	-	3.41 U	-	3.37 U	-	3.43 U	-	3.37 U	-	-	-	-	-
Endrin Aldehyde	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	4.58	-	3.43 U	-	3.41 U	-	3.37 U	-	4.12 C	-	3.37 U	-	-	-	-	-
Endrin Ketone	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	12.2 C	-	3.43 U	-	5.78 C	-	3.37 U	-	3.43 U	-	3.37 U	-	-	-	-	-
Heptachlor	µg/kg	2100[A] 380[B]	-	-	-	-	-	-	3.53 U	-	3.43 U	-	3.41 U	-	3.37 U	-	3.43 U	-	3.37 U	-	-	-	-	-
Heptachlor Epoxide	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	3.53 U	-	3.43 U	-	3.41 U	-	3.37 U	-	3.43 U	-	3.37 U	-	-	-	-	-
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	1300[A] 100[B]	-	-	-	-	-	-	3.53 U	-	3.43 U	-	3.41 U	-	3.37 U	-	3.43 U	-	3.37 U	-	-	-	-	-
Methoxychlor (4,4'-Methoxychlor)	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	81.5 C	-	3.43 U	-	84.8 C	-	3.37 U	-	6.37 C	-	22.0 C	-	-	-	-	-
Trichlorophenoxy acetic acid, 2,4,5- (2,4,5-T)	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	250 U	-	233 U	-	243 U	-	234 U	-	243 U	-	242 U	-	-	-	-	-
Semi - Volatile Organic Compounds																								
Acenaphthene	µg/kg	100000$_h$[A] 98000[B]	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	855	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Acenaphthylene	µg/kg	100000$_h$[A] 107000[B]	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Aniline	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	356 U	-	-	-
Anthracene	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	1830	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Benzidine	µg/kg	n/v	-	-	-	-	-	-	878 U	819 U	866 U	817 U	843 U	797 U	835 U	790 U	850 U	848 U	846 U	822 U	891 U	820 U	333 U	808 U
Benzo(a)anthracene	µg/kg	1000$_g$[AB]	-	-	-	-	-	-	582	328 U	346 U	327 U	431	319 U	334 U	316 U	**3020[AB]**	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Benzo(a)pyrene	µg/kg	1000$_g$[A] 22000[B]	-	-	-	-	-	-	533	328 U	346 U	327 U	393	319 U	334 U	316 U	**2640[A]**	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Benzo(b)fluoranthene	µg/kg	1000$_g$[A] 1700[B]	-	-	-	-	-	-	477	328 U	346 U	327 U	417	319 U	334 U	316 U	**2680[AB]**	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Benzo(g,h,i)perylene	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	1760	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Benzo(k)fluoranthene	µg/kg	3900[A] 1700[B]	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	**1750[B]**	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Benzoic acid	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	878 U	819 U	866 U	817 U	843 U	797 U	835 U	790 U	850 U	848 U	846 U	822 U	891 U	820 U	833 U	808 U
Benzyl Alcohol	µg/kg	n/v	-	-	-	-	-	-	878 U	819 U	866 U	817 U	843 U	797 U	835 U	790 U	850 U	848 U	846 U	822 U	891 U	820 U	833 U	808 U
Bis(2-Chloroethoxy)methane	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Bis(2-Chloroethyl)ether	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Bis(2-Chloroisopropyl)ether	µg/kg	n/v	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	472
Bromophenyl Phenyl Ether, 4-	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Butyl Benzyl Phthalate	µg/kg	NS[A] 1000000d[B]	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Chloro-3-methyl phenol, 4-	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Chloroaniline, 4-	µg/kg	NS[A] 1000000d[B]	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Chloronaphthalene, 2-	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Chlorophenyl Phenyl Ether, 4-	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Chrysene	µg/kg	3900[A] 1000$_g$[B]	-	-	-	-	-	-	573	328 U	346 U	327 U	419	319 U	334 U	316 U	**2940[B]**	339 U	339 U	329 U	356 U	328 U	333 U	323 U

See last page for notes.

Table D-2
Summary of Analytical Results in Soil
Brownfield Cleanup Program
Phase II Environmental Investigation
33 Litchfield Street, Rochester, New York

Sample Location			001 SW Corner	002 W Center	003 NW Corner	004 North Center	008	009	B-1		B-2		B-3		B-4		B-5		B-6			B-7	B-8	B-9
Sample Date			5-Jun-12	5-Jun-12	5-Jun-12	5-Jun-12	17-Jun-12	17-Jun-12	21-Dec-10	21-Dec-10	21-Dec-10	21-Dec-10	22-Dec-10	22-Dec-10	22-Dec-10	22-Dec-10	21-Dec-10	21-Dec-10	21-Dec-10	21-Dec-10	3-May-11	23-Dec-10	23-Dec-10	23-Dec-10
Sample ID			001 SW Corner	002 W Center	003 NW Corner	004 North Center	008	009	B-1 0-4 ft (S-001)	B-1 8-12 ft (S-002)	B-2 0-4 ft (S-003)	B-2 8-12 ft (S-004)	B-3 0-4 (S-005)	B-3 6-10 (S-006)	B-4 0-4 (S-007)	B-4 8-12 (S-008)	B-5 0-4 (S-009)	B-5 6-10 (S-010)	B-6 0-4 (S011)	B-6 10-14 (S012)	B-6-1 6-8 ft	B-7 (S013)	B-8 (S014)	B-9 (S015)
Sample Depth									0 - 4 ft	8 - 12 ft	0 - 4 ft	8 - 12 ft	0 - 4 ft	6 - 10 ft	0 - 4 ft	8 - 12 ft	0 - 4 ft	6 - 10 ft	0 - 4 ft	10 - 14 ft	6 - 8 ft			
Sampling Company			DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:2362	12:2362	12:2362	12:2362	12:2593	12:2593	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	11:1825	10:5252	10:5252	10:5252
Laboratory Sample ID			12:2362-01	12:2362-02	12:2362-03	12:2362-04	12:2593-01	12:2593-02	16390	16391	16392	16393	16394	16395	16396	16397	16398	16399	16400	16401	6166	16402	16403	16404
Sample Type	Units	6NYCRR																						
Semi - Volatile Organic Compounds (cont'd)																								
Cresol, m- (Methylphenol, 3-)	µg/kg	100000$_b^A$ 330$_i^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Cresol, o- (Methylphenol, 2-)	µg/kg	100000$_b^A$ 330$_i^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Dibenzo(a,h)anthracene	µg/kg	330$_i^A$ 1000000$_d^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	**629^A**	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Dibenzofuran	µg/kg	59000^A 210000^B	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	671	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Dibutyl Phthalate (DBP)	µg/kg	NS^A 1000000$_d^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	489	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Dichlorobenzene, 1,2-	µg/kg	100000$_b^A$ 1100^B	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Dichlorobenzene, 1,3-	µg/kg	49000^A 2400^B	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Dichlorobenzene, 1,4-	µg/kg	13000^A 1800^B	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Dichlorobenzidine, 3,3'-	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Dichlorophenol, 2,4-	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Dichlorophenol, 2,6-	µg/kg	n/v	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Diethyl Phthalate	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Dimethyl Phthalate	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	878 U	819 U	866 U	817 U	843 U	797 U	835 U	790 U	850 U	848 U	846 U	822 U	891 U	820 U	833 U	808 U
Dimethylphenol, 2,4-	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Dinitro-o-cresol, 4,6-	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	878 U	819 U	866 U	817 U	843 U	797 U	835 U	790 U	850 U	848 U	846 U	822 U	891 U	820 U	833 U	808 U
Dinitrophenol, 2,4-	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	878 U	819 U	866 U	817 U	843 U	797 U	835 U	790 U	850 U	848 U	846 U	822 U	891 U	820 U	833 U	808 U
Dinitrotoluene, 2,4-	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Dinitrotoluene, 2,6-	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Di-n-Octyl phthalate	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Fluoranthene	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	1070	328 U	346 U	327 U	887	319 U	334 U	316 U	6280	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Fluorene	µg/kg	100000$_b^A$ 386000^B	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	834	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Hexachlorobenzene	µg/kg	1200^A 3200^B	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Hexachlorobutadiene (Heachloro-1,3-butadiene)	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Hexachlorocyclopentadiene	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Hexachloroethane	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Indeno(1,2,3-cd)pyrene	µg/kg	500$_g^A$ 8200^B	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	**1730^A**	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Isophorone	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Methylnaphthalene, 2-	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Naphthalene	µg/kg	100000$_b^A$ 12000^B	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	424	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Nitroaniline, 2-	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	878 U	819 U	866 U	817 U	843 U	797 U	835 U	790 U	850 U	848 U	846 U	822 U	891 U	820 U	833 U	808 U
Nitroaniline, 3-	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	878 U	819 U	866 U	817 U	843 U	797 U	835 U	790 U	850 U	848 U	846 U	822 U	891 U	820 U	833 U	808 U
Nitroaniline, 4-	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	878 U	819 U	866 U	817 U	843 U	797 U	835 U	790 U	850 U	848 U	846 U	822 U	891 U	820 U	833 U	808 U
Nitrobenzene	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Nitrophenol, 2-	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Nitrophenol, 4-	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	878 U	819 U	866 U	817 U	843 U	797 U	835 U	790 U	850 U	848 U	846 U	822 U	891 U	820 U	833 U	808 U
N-Nitrosodimethylamine (NDMA)	µg/kg	n/v	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
N-Nitrosodi-n-Propylamine	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
n-Nitrosodiphenylamine	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Pentachlorophenol	µg/kg	6700^A 800$_i^B$	-	-	-	-	-	-	878 U	819 U	866 U	817 U	843 U	797 U	835 U	790 U	850 U	848 U	846 U	822 U	891 U	820 U	833 U	808 U
Phenanthrene	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	491	328 U	346 U	327 U	569	319 U	334 U	316 U	6250	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Phenol	µg/kg	100000$_b^A$ 330$_i^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Pyrene	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	878	328 U	346 U	327 U	724	319 U	334 U	316 U	5130	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Trichlorobenzene, 1,2,4-	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U
Trichlorophenol, 2,4,5-	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	878 U	819 U	866 U	817 U	843 U	797 U	835 U	790 U	850 U	848 U	846 U	822 U	891 U	820 U	833 U	808 U
Trichlorophenol, 2,4,6-	µg/kg	100000$_b^A$ 1000000$_d^B$	-	-	-	-	-	-	351 U	328 U	346 U	327 U	337 U	319 U	334 U	316 U	340 U	339 U	339 U	329 U	356 U	328 U	333 U	323 U

See last page for notes.

Table D-2
Summary of Analytical Results in Soil
Brownfield Cleanup Program
Phase II Environmental Investigation
33 Litchfield Street, Rochester, New York

Sample Location			001 SW Corner	002 W Center	003 NW Corner	004 North Center	008	009	B-1		B-2		B-3		B-4		B-5		B-6			B-7	B-8	B-9
Sample Date			5-Jun-12	5-Jun-12	5-Jun-12	5-Jun-12	17-Jun-12	17-Jun-12	21-Dec-10	21-Dec-10	21-Dec-10	21-Dec-10	22-Dec-10	22-Dec-10	22-Dec-10	22-Dec-10	21-Dec-10	21-Dec-10	21-Dec-10	21-Dec-10	3-May-11	23-Dec-10	23-Dec-10	23-Dec-10
Sample ID			001 SW Corner	002 W Center	003 NW Corner	004 North Center	008	009	B-1 0-4 ft (S-001)	B-1 8-12 ft (S-002)	B-2 0-4 ft (S-003)	B-2 8-12 ft (S-004)	B-3 0-4 ft (S-005)	B-3 6-10 (S-006)	B-4 0-4 (S-007)	B-4 8-12 (S-008)	B-5 0-4 (S-009)	B-5 6-10 (S-010)	B-6 0-4 (S011)	B-6 10-14 (S012)	B-6-1 6-8 ft	B-7 (S013)	B-8 (S014)	B-9 (S015)
Sample Depth									0 - 4 ft	8 - 12 ft	0 - 4 ft	8 - 12 ft	0 - 4 ft	6 - 10 ft	0 - 4 ft	8 - 12 ft	0 - 4 ft	6 - 10 ft	0 - 4 ft	10 - 14 ft	6 - 8 ft			
Sampling Company			DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:2362	12:2362	12:2362	12:2362	12:2593	12:2593	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	10:5252	11:1825	10:5252	10:5252	10:5252
Laboratory Sample ID			12:2362-01	12:2362-02	12:2362-03	12:2362-04	12:2593-01	12:2593-02	16390	16391	16392	16393	16394	16395	16396	16397	16398	16399	16400	16401	6166	16402	16403	16404
Sample Type	Units	6NYCRR																						
Volatile Organic Compounds																								
Acetone	µg/kg	100000_b[A] 50[B]	-	-	-	-	-	-	51.8 U	25.9 U	27.4 U	38.2 U	37.0 U	37.0 U	22.9 U	32.6 U	244 U	39.6 U	37.7 U	42.5 U	44.9 U	29.4 U	22.8 U	36.7 U
Benzene	µg/kg	4800[A] 60[B]	-	-	-	-	-	-	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Bromodichloromethane	µg/kg	100000_b[A] 1000000_d[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Bromoform (Tribromomethane)	µg/kg	100000_b[A] 1000000_d[B]	24.8 U	22.5 U	23.3 U	22.6 U	19.6 U	19.8 U	25.9 U	13.0 U	13.7 U	19.1 U	18.5 U	18.5 U	11.4 U	16.3 U	122 U	19.8 U	18.9 U	21.3 U	22.4 U	14.7 U	11.4 U	18.3 U
Bromomethane (Methyl bromide)	µg/kg	100000_b[A] 1000000_d[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Carbon Disulfide	µg/kg	100000_b[A] 1000000_d[B]	-	-	-	-	-	-	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	2400[A] 760[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Chlorobenzene (Monochlorobenzene)	µg/kg	100000_b[A] 1100[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Chloroethane (Ethyl Chloride)	µg/kg	100000_b[A] 1000000_d[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Chloroethyl Vinyl Ether, 2-	µg/kg	n/v	49.7 U	45.1 U	46.6 U	45.3 U	39.3 U	39.6 U	51.8 U	25.9 U	27.4 U	38.2 U	37.0 U	37.0 U	22.9 U	32.6 U	244 U	39.6 U	37.7 U	42.5 U	44.9 U	29.4 U	22.8 U	36.7 U
Chloroform (Trichloromethane)	µg/kg	49000[A] 370[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Chloromethane	µg/kg	100000_b[A] 1000000_d[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Dibromochloromethane	µg/kg	100000_b[A] 1000000_d[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Dichlorobenzene, 1,2-	µg/kg	100000_b[A] 1100[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Dichlorobenzene, 1,3-	µg/kg	49000[A] 2400[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Dichlorobenzene, 1,4-	µg/kg	13000[A] 1800[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Dichloroethane, 1,1-	µg/kg	26000[A] 270[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Dichloroethane, 1,2-	µg/kg	3100[A] 20_g[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Dichloroethene, 1,1-	µg/kg	100000_b[A] 330[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Dichloroethylene, cis-1,2-	µg/kg	100000_b[A] 250[B]	9.93 U	116	97.2	18.1	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	10.9	7.34 U
Dichloroethylene, trans-1,2-	µg/kg	100000_b[A] 190[B]	9.93 U	15.8	14.4	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Dichloropropane, 1,2-	µg/kg	100000_b[A] 1000000_d[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Dichloropropene, cis-1,3-	µg/kg	100000_b[A] 1000000_d[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Dichloropropene, trans-1,3-	µg/kg	100000_b[A] 1000000_d[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Ethylbenzene	µg/kg	41000[AB]	-	-	-	-	-	-	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100000_b[A] 1000000_d[B]	-	-	-	-	-	-	25.9 U	13.0 U	13.7 U	19.1 U	18.5 U	18.5 U	11.4 U	16.3 U	122 U	19.8 U	18.9 U	21.3 U	22.4 U	14.7 U	11.4 U	18.3 U
Methyl Ethyl Ketone (MEK)	µg/kg	100000_b[A] 120[B]	-	-	-	-	-	-	51.8 U	25.9 U	27.4 U	38.2 U	37.0 U	37.0 U	22.9 U	32.6 U	244 U	39.6 U	37.7 U	42.5 U	44.9 U	29.4 U	22.8 U	36.7 U
Methyl Isobutyl Ketone (MIBK)	µg/kg	100000_b[A] 1000000_d[B]	-	-	-	-	-	-	25.9 U	13.0 U	13.7 U	19.1 U	18.5 U	18.5 U	11.4 U	16.3 U	122 U	19.8 U	18.9 U	21.3 U	22.4 U	14.7 U	11.4 U	18.3 U
Methylene Chloride (Dichloromethane)	µg/kg	100000_b[A] 50[B]	24.8 U	22.5 U	23.3 U	22.6 U	19.6 U	19.8 U	25.9 U	13.0 U	13.7 U	19.1 U	18.5 U	18.5 U	11.4 U	16.3 U	122 U	19.8 U	18.9 U	21.3 U	22.4 U	14.7 U	11.4 U	18.3 U
Styrene	µg/kg	100000_b[A] 1000000_d[B]	-	-	-	-	-	-	25.9 U	13.0 U	13.7 U	19.1 U	18.5 U	18.5 U	11.4 U	16.3 U	122 U	19.8 U	18.9 U	21.3 U	22.4 U	14.7 U	11.4 U	18.3 U
Tetrachloroethane, 1,1,2,2-	µg/kg	100000_b[A] 1000000_d[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Tetrachloroethylene (PCE)	µg/kg	19000[A] 1300[B]	39.3	9.01 U	44.2	12.6	32.2	132	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	43.4	8.50 U	8.97 U	24.4	4.57 U	22.2
Toluene	µg/kg	100000_b[A] 700[B]	-	-	-	-	-	-	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Trichloroethane, 1,1,1-	µg/kg	100000_b[A] 680[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Trichloroethane, 1,1,2-	µg/kg	100000_b[A] 1000000_d[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Trichloroethylene (TCE)	µg/kg	21000[A] 470[B]	168	374	153	50.5	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	**1110[B]**	7.92 U	12.3	8.50 U	8.97 U	6.08	4.57 U	7.34 U
Trichlorofluoromethane (Freon 11)	µg/kg	n/v	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Vinyl Acetate	µg/kg	n/v	-	-	-	-	-	-	25.9 U	13.0 U	13.7 U	19.1 U	18.5 U	18.5 U	11.4 U	16.3 U	122 U	19.8 U	18.9 U	21.3 U	22.4 U	14.7 U	11.4 U	18.3 U
Vinyl chloride	µg/kg	900[A] 20[B]	9.93 U	9.01 U	9.33 U	9.05 U	7.85 U	7.92 U	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Xylene, m & p-	µg/kg	$100000_{b,p}$[A] 1600_p[B]	-	-	-	-	-	-	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U
Xylene, o-	µg/kg	$100000_{b,o}$[A] 1600_o[B]	-	-	-	-	-	-	10.4 U	5.18 U	5.48 U	7.64 U	7.39 U	7.41 U	4.58 U	6.53 U	48.7 U	7.92 U	7.55 U	8.50 U	8.97 U	5.87 U	4.57 U	7.34 U

See last page for notes.

Table D-2
Summary of Analytical Results in Soil
Brownfield Cleanup Program
Phase II Environmental Investigation
33 Litchfield Street, Rochester, New York

Sample Location			B-10		B-11		B-12		B-13	B-14	B-15		B-16		E08-1&2 EAST WALL	N. East Corner	N05-1&2 NORTH WALL	S. East Corner	S. East Corner North	S07-1&2 SOUTH WALL	SEDIMENT TANK		W06-1&2 WEST WALL
Sample Date			4-May-11	4-May-11	4-May-11	4-May-11	4-May-11	4-May-11	4-May-11	4-May-11	3-May-11	3-May-11	3-May-11	3-May-11	2-Aug-12	14-Jun-12	2-Aug-12	8-Jun-12	8-Jun-12	2-Aug-12	2-Aug-12	2-Aug-12	2-Aug-12
Sample ID			B-10 0-4 ft	B-10 8-10 ft	B-11 0.5-4 ft	B-11 8-10 ft	B-12 0-4 ft	B-12 8-10 ft	B-13 0-4 ft	B-14 0.5-4 ft	B-15 0-4 ft	B-15 8-10 ft	B-16 10-14 ft	B-16 2-8 ft	E08-1&2 EAST WALL	N. East Corner	N05-1&2 NORTH WALL	S. East Corner	S. East Corner North	S07-1&2 SOUTH WALL	01-1 SEDIMENT TANK	01-2 SEDIMENT TANK	W06-1&2 WEST WALL
Sample Depth			0 - 4 ft	8 - 10 ft	0.5 - 4 ft	8 - 10 ft	0 - 4 ft	8 - 10 ft	0 - 4 ft	0.5 - 4 ft	0 - 4 ft	8 - 10 ft	10 - 14 ft	2 - 8 ft									
Sampling Company			DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	12:3240	12:2524	12:3240	12:2432	12:2432	12:3240	12:3240	12:3240	12:3240
Laboratory Sample ID			6175	6176	6177	6178	6173	6174	6172	6171	6169	6170	6168	6167	12:3240-09	12:2524-01	12:3240-06	12:2432-01	12:2432-02	12:3240-08	12:3240-01	12:3240-02	12:3240-07
Sample Type	Units	6NYCRR																					
Metals																							
Aluminum	mg/kg	$_{NS}^{A}10000_{d}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	3110	-	2990	-	-	4490	1440	1550	3180
Antimony	mg/kg	$_{NS}^{A}10000_{d}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	6.12 U	-	7.14 U	-	-	7.17 U	7.46 U	7.31 U	6.15 U
Arsenic	mg/kg	16_{g}^{AB}	-	-	-	-	-	-	-	-	-	-	-	-	1.73	-	1.51	-	-	2.43	2.60	2.60	2.18
Barium	mg/kg	$400^{A}\ 820^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	24.0	-	22.7	-	-	37.9	32.2	17.5	22.7
Beryllium	mg/kg	$72^{A}\ 47^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	0.511 U	-	0.595 U	-	-	0.598 U	0.622 U	0.609 U	0.512 U
Cadmium	mg/kg	$4.3^{A}\ 7.5^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	0.511 U	-	0.595 U	-	-	0.598 U	0.622 U	0.609 U	0.512 U
Calcium	mg/kg	$_{NS}^{A}10000_{d}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	**60700^{B}**	-	**35500^{B}**	-	-	**48800^{B}**	8050	**10800^{B}**	**51000^{B}**
Chromium (Total)	mg/kg	$_{NS,q}^{A}\ _{NS,q}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	5.06	-	4.75	-	-	6.03	7.71	4.44	5.69
Cobalt	mg/kg	$_{NS}^{A}10000_{d}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	5.11 U	-	5.95 U	-	-	5.98 U	6.22 U	6.09 U	5.12 U
Copper	mg/kg	$270^{A}\ 1720^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	6.93	-	7.76	-	-	15.9	102	105	13.9
Iron	mg/kg	$_{NS}^{A}10000_{d}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	8510	-	7760	-	-	8600	**10100^{B}**	**15100^{B}**	9740
Lead	mg/kg	$400^{A}\ 450^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	6.76	-	7.17	-	-	27.2	219	61.7	8.30
Magnesium	mg/kg	$_{NS}^{A}10000_{d}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	**13800^{B}**	-	8510	-	-	8450	1320	2870	**10700^{B}**
Manganese	mg/kg	2000_{g}^{AB}	-	-	-	-	-	-	-	-	-	-	-	-	294	-	274	-	-	326	95.5	112	355
Mercury	mg/kg	$0.81_{q}^{A}\ 0.73^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	0.0084 U	-	0.0098 U	-	-	0.0197	0.0102 U	0.0314	0.0080 U
Nickel	mg/kg	$310^{A}\ 130^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	5.24	-	5.57	-	-	6.99	28.5	13.4	6.77
Potassium	mg/kg	$_{NS}^{A}10000_{d}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	898	-	834	-	-	796	310 U	305 U	1040
Selenium	mg/kg	$180^{A}\ 4_{g}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	1.02 U	-	1.19 U	-	-	1.19 U	1.24 U	1.22 U	1.02 U
Silver	mg/kg	$180^{A}\ 8.3^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	1.02 U	-	1.19 U	-	-	1.19 U	1.24 U	1.22 U	1.02 U
Sodium	mg/kg	$_{NS}^{A}10000_{d}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	255 U	-	297 U	-	-	298 U	310 U	305 U	257 U
Thallium	mg/kg	$_{NS}^{A}10000_{d}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	2.55 U	-	2.97 U	-	-	2.98 U	3.10 U	3.05 U	2.57 U
Vanadium	mg/kg	$_{NS}^{A}10000_{d}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	12.9	-	10.7	-	-	11.8	3.60	3.05 U	11.6
Zinc	mg/kg	$10000_{g}^{A}\ 2480^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	18.4	-	33.2	-	-	30.6	180	122	33.4
Polychlorinated Biphenyls																							
Aroclor 1016	mg/kg	$1_{o}^{A}\ 3.2_{o}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1221	mg/kg	$1_{o}^{A}\ 3.2_{o}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1232	mg/kg	$1_{o}^{A}\ 3.2_{o}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1242	mg/kg	$1_{o}^{A}\ 3.2_{o}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1248	mg/kg	$1_{o}^{A}\ 3.2_{o}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1254	mg/kg	$1_{o}^{A}\ 3.2_{o}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	mg/kg	$1_{o}^{A}\ 3.2_{o}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See last page for notes.

Table D-2
Summary of Analytical Results in Soil
Brownfield Cleanup Program
Phase II Environmental Investigation
33 Litchfield Street, Rochester, New York

Sample Location			B-10		B-11		B-12		B-13	B-14	B-15		B-16		E08-1&2 EAST WALL	N. East Corner	N05-1&2 NORTH WALL	S. East Corner	S. East Corner North	S07-1&2 SOUTH WALL	SEDIMENT TANK		W06-1&2 WEST WALL
Sample Date			4-May-11	4-May-11	4-May-11	4-May-11	4-May-11	4-May-11	4-May-11	4-May-11	3-May-11	3-May-11	3-May-11	3-May-11	2-Aug-12	14-Jun-12	2-Aug-12	8-Jun-12	8-Jun-12	2-Aug-12	2-Aug-12	2-Aug-12	2-Aug-12
Sample ID			B-10 0-4 ft	B-10 8-10 ft	B-11 0.5-4 ft	B-11 8-10 ft	B-12 0-4 ft	B-12 8-10 ft	B-13 0-4 ft	B-14 0.5-4 ft	B-15 0-4 ft	B-15 8-10 ft	B-16 10-14 ft	B-16 2-8 ft	E08-1&2 EAST WALL	N. East Corner	N05-1&2 NORTH WALL	S. East Corner	S. East Corner North	S07-1&2 SOUTH WALL	01-1 SEDIMENT TANK	01-2 SEDIMENT TANK	W06-1&2 WEST WALL
Sample Depth			0 - 4 ft	8 - 10 ft	0.5 - 4 ft	8 - 10 ft	0 - 4 ft	8 - 10 ft	0 - 4 ft	0.5 - 4 ft	0 - 4 ft	8 - 10 ft	10 - 14 ft	2 - 8 ft									
Sampling Company			DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	12:3240	12:2524	12:3240	12:2432	12:2432	12:3240	12:3240	12:3240	12:3240
Laboratory Sample ID			6175	6176	6177	6178	6173	6174	6172	6171	6169	6170	6168	6167	12:3240-09	12:2524-01	12:3240-06	12:2432-01	12:2432-02	12:3240-08	12:3240-01	12:3240-02	12:3240-07
Sample Type	Units	6NYCRR																					
Pesticides																							
2,4,5-TP (Silvex)	µg/kg	100000$_h$[A] 3800[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	µg/kg	97[A] 190[B]	3.43 U	-	3.15 U	-	3.42 U	-	3.38 U	3.29 U	3.38 U	-	-	3.33 U	-	-	-	-	-	-	-	-	-
BHC, alpha-	µg/kg	480[A] 20[B]	3.43 U	-	3.15 U	-	3.42 U	-	3.38 U	3.29 U	3.38 U	-	-	3.33 U	-	-	-	-	-	-	-	-	-
BHC, beta-	µg/kg	360[A] 90[B]	3.43 U	-	3.15 U	-	3.42 U	-	3.38 U	3.29 U	3.38 U	-	-	3.33 U	-	-	-	-	-	-	-	-	-
BHC, delta-	µg/kg	100000$_h$[A] 250[B]	3.43 U	-	3.15 U	-	3.42 U	-	3.38 U	3.29 U	3.38 U	-	-	3.33 U	-	-	-	-	-	-	-	-	-
Camphechlor (Toxaphene)	µg/kg	100000$_h$[A] 1000000$_d$[B]	17.2 U	-	15.8 U	-	17.1 U	-	16.9 U	16.5 U	16.9 U	-	-	16.7 U	-	-	-	-	-	-	-	-	-
Chlordane, alpha-	µg/kg	4200[A] 2900[B]	3.43 U	-	3.15 U	-	3.42 U	-	3.38 U	3.29 U	3.38 U	-	-	3.33 U	-	-	-	-	-	-	-	-	-
Chlordane, gamma-	µg/kg	100000$_h$[A] 1000000$_d$[B]	3.43 U	-	3.15 U	-	3.42 U	-	3.38 U	3.29 U	3.38 U	-	-	3.33 U	-	-	-	-	-	-	-	-	-
DDD (p,p'-DDD)	µg/kg	13000[A] 14000[B]	3.43 U	-	3.15 U	-	4.09	-	3.38 U	3.29 U	3.38 U	-	-	3.99	-	-	-	-	-	-	-	-	-
DDE (p,p'-DDE)	µg/kg	8900[A] 17000[B]	3.43 U	-	3.15 U	-	3.42 U	-	3.38 U	3.29 U	3.38 U	-	-	3.33 U	-	-	-	-	-	-	-	-	-
DDT (p,p'-DDT)	µg/kg	7900[A] 136000[B]	3.43 U	-	3.15 U	-	4.13	-	6.65	3.29 U	3.38 U	-	-	3.42	-	-	-	-	-	-	-	-	-
Dichlorophenoxy acetic acid, 2,4- (2,4-D)	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	µg/kg	200[A] 100[B]	3.43 U	-	3.15 U	-	3.42 U	-	4.70 C	3.29 U	3.38 U	-	-	3.33 U	-	-	-	-	-	-	-	-	-
Endosulfan I	µg/kg	24000$_i$[A] 102000[B]	3.43 U	-	3.15 U	-	3.42 U	-	3.38 U	3.29 U	3.38 U	-	-	3.33 U	-	-	-	-	-	-	-	-	-
Endosulfan II	µg/kg	24000$_i$[A] 102000[B]	3.43 U	-	3.15 U	-	3.42 U	-	3.38 U	3.29 U	3.38 U	-	-	3.33 U	-	-	-	-	-	-	-	-	-
Endosulfan Sulfate	µg/kg	24000$_i$[A] 1000000$_d$[B]	3.43 U	-	3.15 U	-	3.42 U	-	3.38 U	3.29 U	3.38 U	-	-	3.33 U	-	-	-	-	-	-	-	-	-
Endrin	µg/kg	11000[A] 60[B]	3.43 U	-	3.15 U	-	3.42 U	-	3.38 U	3.29 U	3.38 U	-	-	3.33 U	-	-	-	-	-	-	-	-	-
Endrin Aldehyde	µg/kg	100000$_h$[A] 1000000$_d$[B]	3.43 U	-	3.15 U	-	3.42 U	-	3.38 U	3.29 U	3.38 U	-	-	3.33 U	-	-	-	-	-	-	-	-	-
Endrin Ketone	µg/kg	100000$_h$[A] 1000000$_d$[B]	3.43 U	-	3.15 U	-	3.42 U	-	3.38 U	3.29 U	3.38 U	-	-	3.33 U	-	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	2100[A] 380[B]	3.43 U	-	3.15 U	-	3.42 U	-	3.38 U	3.29 U	3.38 U	-	-	3.33 U	-	-	-	-	-	-	-	-	-
Heptachlor Epoxide	µg/kg	100000$_h$[A] 1000000$_d$[B]	3.43 U	-	3.15 U	-	3.42 U	-	3.38 U	3.29 U	3.38 U	-	-	3.33 U	-	-	-	-	-	-	-	-	-
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	1300[A] 100[B]	3.43 U	-	3.15 U	-	3.42 U	-	3.38 U	3.29 U	3.38 U	-	-	3.33 U	-	-	-	-	-	-	-	-	-
Methoxychlor (4,4'-Methoxychlor)	µg/kg	100000$_h$[A] 1000000$_d$[B]	3.43 U	-	3.15 U	-	3.42 U	-	3.38 U	3.29 U	3.38 U	-	-	3.33 U	-	-	-	-	-	-	-	-	-
Trichlorophenoxy acetic acid, 2,4,5- (2,4,5-T)	µg/kg	100000$_h$[A] 1000000$_d$[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi - Volatile Organic Compounds																							
Acenaphthene	µg/kg	100000$_h$[A] 98000[B]	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Acenaphthylene	µg/kg	100000$_h$[A] 107000[B]	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Aniline	µg/kg	100000$_h$[A] 1000000$_d$[B]	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Anthracene	µg/kg	100000$_h$[A] 1000000$_d$[B]	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Benzidine	µg/kg	n/v	863 U	800 U	789 U	822 U	845 U	787 U	-	-	842 U	803 U	814 U	826 U	807 U	-	908 U	-	-	903 U	919 U	909 U	778 U
Benzo(a)anthracene	µg/kg	1000$_g$[AB]	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Benzo(a)pyrene	µg/kg	1000$_g$[A] 22000[B]	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Benzo(b)fluoranthene	µg/kg	1000$_g$[A] 1700[B]	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Benzo(g,h,i)perylene	µg/kg	100000$_h$[A] 1000000$_d$[B]	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Benzo(k)fluoranthene	µg/kg	3900[A] 1700[B]	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Benzoic acid	µg/kg	100000$_h$[A] 1000000$_d$[B]	863 U	800 U	789 U	822 U	845 U	787 U	-	-	842 U	803 U	814 U	826 U	807 U	-	908 U	-	-	903 U	919 U	909 U	778 U
Benzyl Alcohol	µg/kg	n/v	863 U	800 U	789 U	822 U	845 U	787 U	-	-	842 U	803 U	814 U	826 U	807 U	-	908 U	-	-	903 U	919 U	909 U	778 U
Bis(2-Chloroethoxy)methane	µg/kg	100000$_h$[A] 1000000$_d$[B]	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Bis(2-Chloroethyl)ether	µg/kg	100000$_h$[A] 1000000$_d$[B]	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Bis(2-Chloroisopropyl)ether	µg/kg	n/v	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100000$_h$[A] 1000000$_d$[B]	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Bromophenyl Phenyl Ether, 4-	µg/kg	100000$_h$[A] 1000000$_d$[B]	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Butyl Benzyl Phthalate	µg/kg	NS[A] 1000000d[B]	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Chloro-3-methyl phenol, 4-	µg/kg	100000$_h$[A] 1000000$_d$[B]	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Chloroaniline, 4-	µg/kg	NS[A] 1000000d[B]	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Chloronaphthalene, 2-	µg/kg	100000$_h$[A] 1000000$_d$[B]	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100000$_h$[A] 1000000$_d$[B]	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Chlorophenyl Phenyl Ether, 4-	µg/kg	100000$_h$[A] 1000000$_d$[B]	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Chrysene	µg/kg	3900[A] 1000$_g$[B]	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U

See last page for notes.

Table D-2
Summary of Analytical Results in Soil
Brownfield Cleanup Program
Phase II Environmental Investigation
33 Litchfield Street, Rochester, New York

Sample Location			B-10		B-11		B-12		B-13	B-14	B-15		B-16		E08-1&2 EAST WALL	N. East Corner	N05-1&2 NORTH WALL	S. East Corner	S. East Corner North	S07-1&2 SOUTH WALL	SEDIMENT TANK		W06-1&2 WEST WALL
Sample Date			4-May-11	4-May-11	4-May-11	4-May-11	4-May-11	4-May-11	4-May-11	4-May-11	3-May-11	3-May-11	3-May-11	3-May-11	2-Aug-12	14-Jun-12	2-Aug-12	8-Jun-12	8-Jun-12	2-Aug-12	2-Aug-12	2-Aug-12	2-Aug-12
Sample ID			B-10 0-4 ft	B-10 8-10 ft	B-11 0.5-4 ft	B-11 8-10 ft	B-12 0-4 ft	B-12 8-10 ft	B-13 0-4 ft	B-14 0.5-4 ft	B-15 0-4 ft	B-15 8-10 ft	B-16 10-14 ft	B-16 2-8 ft	E08-1&2 EAST WALL	N. East Corner	N05-1&2 NORTH WALL	S. East Corner	S. East Corner North	S07-1&2 SOUTH WALL	01-1 SEDIMENT TANK	01-2 SEDIMENT TANK	W06-1&2 WEST WALL
Sample Depth			0 - 4 ft	8 - 10 ft	0.5 - 4 ft	8 - 10 ft	0 - 4 ft	8 - 10 ft	0 - 4 ft	0.5 - 4 ft	0 - 4 ft	8 - 10 ft	10 - 14 ft	2 - 8 ft									
Sampling Company			DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	12:3240	12:2524	12:3240	12:2432	12:2432	12:3240	12:3240	12:3240	12:3240
Laboratory Sample ID			6175	6176	6177	6178	6173	6174	6172	6171	6169	6170	6168	6167	12:3240-09	12:2524-01	12:3240-06	12:2432-01	12:2432-02	12:3240-08	12:3240-01	12:3240-02	12:3240-07
Sample Type	Units	6NYCRR																					
Semi - Volatile Organic Compounds (cont'd)																							
Cresol, m- (Methylphenol, 3-)	µg/kg	100000_b^A 330_i^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Cresol, o- (Methylphenol, 2-)	µg/kg	100000_b^A 330_i^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Dibenzo(a,h)anthracene	µg/kg	330_i^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Dibenzofuran	µg/kg	59000^A 210000^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Dibutyl Phthalate (DBP)	µg/kg	$_{NS}^A$ 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Dichlorobenzene, 1,2-	µg/kg	100000_b^A 1100^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Dichlorobenzene, 1,3-	µg/kg	49000^A 2400^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Dichlorobenzene, 1,4-	µg/kg	13000^A 1800^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Dichlorobenzidine, 3,3'-	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Dichlorophenol, 2,4-	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Dichlorophenol, 2,6-	µg/kg	n/v	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Diethyl Phthalate	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Dimethyl Phthalate	µg/kg	100000_b^A 1000000_d^B	863 U	800 U	789 U	822 U	845 U	787 U	-	-	842 U	803 U	814 U	826 U	807 U	-	908 U	-	-	903 U	919 U	909 U	778 U
Dimethylphenol, 2,4-	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Dinitro-o-cresol, 4,6-	µg/kg	100000_b^A 1000000_d^B	863 U	800 U	789 U	822 U	845 U	787 U	-	-	842 U	803 U	814 U	826 U	807 U	-	908 U	-	-	903 U	919 U	909 U	778 U
Dinitrophenol, 2,4-	µg/kg	100000_b^A 1000000_d^B	863 U	800 U	789 U	822 U	845 U	787 U	-	-	842 U	803 U	814 U	826 U	807 U	-	908 U	-	-	903 U	919 U	909 U	778 U
Dinitrotoluene, 2,4-	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Dinitrotoluene, 2,6-	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Di-n-Octyl phthalate	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Fluoranthene	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Fluorene	µg/kg	100000_b^A 386000^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Hexachlorobenzene	µg/kg	1200^A 3200^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Hexachlorobutadiene (Heachloro-1,3-butadiene)	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Hexachlorocyclopentadiene	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Hexachloroethane	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Indeno(1,2,3-cd)pyrene	µg/kg	500_g^A 8200^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Isophorone	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Methylnaphthalene, 2-	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Naphthalene	µg/kg	100000_b^A 12000^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Nitroaniline, 2-	µg/kg	100000_b^A 1000000_d^B	863 U	800 U	789 U	822 U	845 U	787 U	-	-	842 U	803 U	814 U	826 U	807 U	-	908 U	-	-	903 U	919 U	909 U	778 U
Nitroaniline, 3-	µg/kg	100000_b^A 1000000_d^B	863 U	800 U	789 U	822 U	845 U	787 U	-	-	842 U	803 U	814 U	826 U	807 U	-	908 U	-	-	903 U	919 U	909 U	778 U
Nitroaniline, 4-	µg/kg	100000_b^A 1000000_d^B	863 U	800 U	789 U	822 U	845 U	787 U	-	-	842 U	803 U	814 U	826 U	807 U	-	908 U	-	-	903 U	919 U	909 U	778 U
Nitrobenzene	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Nitrophenol, 2-	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Nitrophenol, 4-	µg/kg	100000_b^A 1000000_d^B	863 U	800 U	789 U	822 U	845 U	787 U	-	-	842 U	803 U	814 U	826 U	807 U	-	908 U	-	-	903 U	919 U	909 U	778 U
N-Nitrosodimethylamine (NDMA)	µg/kg	n/v	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
N-Nitrosodi-n-Propylamine	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
n-Nitrosodiphenylamine	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Pentachlorophenol	µg/kg	6700^A 800_i^B	863 U	800 U	789 U	822 U	845 U	787 U	-	-	842 U	803 U	814 U	826 U	807 U	-	908 U	-	-	903 U	919 U	909 U	778 U
Phenanthrene	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	372	364 U	311 U
Phenol	µg/kg	100000_b^A 330_i^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Pyrene	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	731	514	311 U
Trichlorobenzene, 1,2,4-	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U
Trichlorophenol, 2,4,5-	µg/kg	100000_b^A 1000000_d^B	863 U	800 U	789 U	822 U	845 U	787 U	-	-	842 U	803 U	814 U	826 U	807 U	-	908 U	-	-	903 U	919 U	909 U	778 U
Trichlorophenol, 2,4,6-	µg/kg	100000_b^A 1000000_d^B	345 U	320 U	315 U	329 U	338 U	315 U	-	-	337 U	321 U	326 U	330 U	323 U	-	363 U	-	-	361 U	368 U	364 U	311 U

See last page for notes.

Table D-2
Summary of Analytical Results in Soil
Brownfield Cleanup Program
Phase II Environmental Investigation
33 Litchfield Street, Rochester, New York

Sample Location			B-10		B-11		B-12		B-13	B-14	B-15		B-16		E08-1&2 EAST WALL	N. East Corner	N05-1&2 NORTH WALL	S. East Corner	S. East Corner North	S07-1&2 SOUTH WALL	SEDIMENT TANK		W06-1&2 WEST WALL
Sample Date			4-May-11	4-May-11	4-May-11	4-May-11	4-May-11	4-May-11	4-May-11	4-May-11	3-May-11	3-May-11	3-May-11	3-May-11	2-Aug-12	14-Jun-12	2-Aug-12	8-Jun-12	8-Jun-12	2-Aug-12	2-Aug-12	2-Aug-12	2-Aug-12
Sample ID			B-10 0-4 ft	B-10 8-10 ft	B-11 0.5-4 ft	B-11 8-10 ft	B-12 0-4 ft	B-12 8-10 ft	B-13 0-4 ft	B-14 0.5-4 ft	B-15 0-4 ft	B-15 8-10 ft	B-16 10-14 ft	B-16 2-8 ft	E08-1&2 EAST WALL	N. East Corner	N05-1&2 NORTH WALL	S. East Corner	S. East Corner North	S07-1&2 SOUTH WALL	01-1 SEDIMENT TANK	01-2 SEDIMENT TANK	W06-1&2 WEST WALL
Sample Depth			0 - 4 ft	8 - 10 ft	0.5 - 4 ft	8 - 10 ft	0 - 4 ft	8 - 10 ft	0 - 4 ft	0.5 - 4 ft	0 - 4 ft	8 - 10 ft	10 - 14 ft	2 - 8 ft									
Sampling Company			DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	11:1825	12:3240	12:2524	12:3240	12:2432	12:2432	12:3240	12:3240	12:3240	12:3240
Laboratory Sample ID			6175	6176	6177	6178	6173	6174	6172	6171	6169	6170	6168	6167	12:3240-09	12:2524-01	12:3240-06	12:2432-01	12:2432-02	12:3240-08	12:3240-01	12:3240-02	12:3240-07
Sample Type	Units	6NYCRR																					
Volatile Organic Compounds																							
Acetone	µg/kg	100000_b[A] 50[B]	47.5 U	44.1 U	34.8 U	35.1 U	51.6 U	**69.7[B]**	-	-	40.4 U	42.2	29.2 U	43.1 U	37.9 U	-	**63.8 B[B]**	-	-	40.0 U	**94.8 B[B]**	**60.4 B[B]**	**97.0[B]**
Benzene	µg/kg	4800[A] 60[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	-	7.94 U	-	-	8.00 U	7.99 U	5.50 U	4.51 U
Bromodichloromethane	µg/kg	100000_b[A] 1000000_d[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Bromoform (Tribromomethane)	µg/kg	100000_b[A] 1000000_d[B]	23.8 U	22.0 U	17.4 U	17.5 U	25.8 U	17.3 U	-	-	20.2 U	14.9 U	14.6 U	21.5 U	19.0 U	24.3 U	19.9 U	20.0 U	17.5 U	20.0 U	20.0 U	13.7 U	11.3 U
Bromomethane (Methyl bromide)	µg/kg	100000_b[A] 1000000_d[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Carbon Disulfide	µg/kg	100000_b[A] 1000000_d[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	-	7.94 U	-	-	8.00 U	7.99 U	5.50 U	4.51 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	2400[A] 760[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Chlorobenzene (Monochlorobenzene)	µg/kg	100000_b[A] 1100[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Chloroethane (Ethyl Chloride)	µg/kg	100000_b[A] 1000000_d[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Chloroethyl Vinyl Ether, 2-	µg/kg	n/v	47.5 U	44.1 U	34.8 U	35.1 U	51.6 U	34.6 U	-	-	40.4 U	29.8 U	29.2 U	43.1 U	37.9 U	48.6 U	39.7 U	40.0 U	35.0 U	40.0 U	39.9 U	27.5 U	22.6 U
Chloroform (Trichloromethane)	µg/kg	49000[A] 370[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Chloromethane	µg/kg	100000_b[A] 1000000_d[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Dibromochloromethane	µg/kg	100000_b[A] 1000000_d[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Dichlorobenzene, 1,2-	µg/kg	100000_b[A] 1100[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Dichlorobenzene, 1,3-	µg/kg	49000[A] 2400[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Dichlorobenzene, 1,4-	µg/kg	13000[A] 1800[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Dichloroethane, 1,1-	µg/kg	26000[A] 270[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Dichloroethane, 1,2-	µg/kg	3100[A] 20_g[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Dichloroethene, 1,1-	µg/kg	100000_b[A] 330[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Dichloroethylene, cis-1,2-	µg/kg	100000_b[A] 250[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Dichloroethylene, trans-1,2-	µg/kg	100000_b[A] 190[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Dichloropropane, 1,2-	µg/kg	100000_b[A] 1000000_d[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Dichloropropene, cis-1,3-	µg/kg	100000_b[A] 1000000_d[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Dichloropropene, trans-1,3-	µg/kg	100000_b[A] 1000000_d[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Ethylbenzene	µg/kg	41000[AB]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	-	7.94 U	-	-	8.00 U	7.99 U	5.50 U	4.51 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100000_b[A] 1000000_d[B]	23.8 U	22.0 U	17.4 U	17.5 U	25.8 U	17.3 U	-	-	20.2 U	14.9 U	14.6 U	21.5 U	19.0 U	-	19.9 U	-	-	20.0 U	20.0 U	13.7 U	11.3 U
Methyl Ethyl Ketone (MEK)	µg/kg	100000_b[A] 120[B]	47.5 U	44.1 U	34.8 U	35.1 U	51.6 U	34.6 U	-	-	40.4 U	29.8 U	29.2 U	43.1 U	37.9 U	-	39.7 U	-	-	40.0 U	39.9 U	27.5 U	22.6 U
Methyl Isobutyl Ketone (MIBK)	µg/kg	100000_b[A] 1000000_d[B]	23.8 U	22.0 U	17.4 U	17.5 U	25.8 U	17.3 U	-	-	20.2 U	14.9 U	14.6 U	21.5 U	19.0 U	-	19.9 U	-	-	20.0 U	20.0 U	13.7 U	11.3 U
Methylene Chloride (Dichloromethane)	µg/kg	100000_b[A] 50[B]	23.8 U	22.0 U	17.4 U	17.5 U	25.8 U	17.3 U	-	-	20.2 U	14.9 U	14.6 U	21.5 U	19.0 U	24.3 U	19.9 U	20.0 U	17.5 U	20.0 U	20.0 U	13.7 U	11.3 U
Styrene	µg/kg	100000_b[A] 1000000_d[B]	23.8 U	22.0 U	17.4 U	17.5 U	25.8 U	17.3 U	-	-	20.2 U	14.9 U	14.6 U	21.5 U	19.0 U	-	19.9 U	-	-	20.0 U	20.0 U	13.7 U	11.3 U
Tetrachloroethane, 1,1,2,2-	µg/kg	100000_b[A] 1000000_d[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Tetrachloroethylene (PCE)	µg/kg	19000[A] 1300[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	10.4	7.94 U	18.5	17.2	8.00 U	7.99 U	5.50 U	4.51 U
Toluene	µg/kg	100000_b[A] 700[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	-	7.94 U	-	-	8.00 U	7.99 U	5.50 U	4.51 U
Trichloroethane, 1,1,1-	µg/kg	100000_b[A] 680[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Trichloroethane, 1,1,2-	µg/kg	100000_b[A] 1000000_d[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Trichloroethylene (TCE)	µg/kg	21000[A] 470[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Trichlorofluoromethane (Freon 11)	µg/kg	n/v	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Vinyl Acetate	µg/kg	n/v	23.8 U	22.0 U	17.4 U	17.5 U	25.8 U	17.3 U	-	-	20.2 U	14.9 U	14.6 U	21.5 U	19.0 U	-	19.9 U	-	-	20.0 U	20.0 U	13.7 U	11.3 U
Vinyl chloride	µg/kg	900[A] 20[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	9.72 U	7.94 U	8.01 U	7.00 U	8.00 U	7.99 U	5.50 U	4.51 U
Xylene, m & p-	µg/kg	$100000_{b,p}$[A] 1600_p[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	-	7.94 U	-	-	8.00 U	13.3	5.50 U	4.51 U
Xylene, o-	µg/kg	$100000_{b,o}$[A] 1600_o[B]	9.51 U	8.82 U	6.97 U	7.01 U	10.3 U	6.93 U	-	-	8.08 U	5.95 U	5.85 U	8.61 U	7.58 U	-	7.94 U	-	-	8.00 U	8.31	5.50 U	4.51 U

See last page for notes.

Table D-2
Summary of Analytical Results in Soil
Brownfield Cleanup Program
Phase II Environmental Investigation
33 Litchfield Street, Rochester, New York

Notes:

6NYCRR	NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)
A	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Restricted Residential
B	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
6.5[A]	Concentration exceeds the indicated standard.
15.2	Concentration was detected but did not exceed applicable standards.
0.03 U	The analyte was not detected above the laboratory estimated quantitation limit.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
NS	No SCO has been established for this compound.
NS,q[AB]	No SCO has been established for this compound. No SCO has been established for total chromium; however, see standards for trivalent and hexavalent chromium.
b	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
b,p	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3. The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
d	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg (Organics) and 10000 mg/kg (Inorganics). See 6 NYCRR Part 375 TSD Section 9.3.
e	The SCOS for metals were capped at a maximum value of 10,000 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
f[AB]	For constituents where the calculated SCO was lower than the CRQL, the CRQL is used as the SCO value.
g[AB]	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
j	This SCO is the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
k	This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See 6 NYCRR Part 375 TSD Table 5.6-1.
o[AB]	The criterion is applicable to total PCBs, and the individual aroclors should be added for comparison.
p	The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
B	Indicates analyte was found in associated blank, as well as in the sample.
C	Analyte quantified by quadratic equation type calibration.
DECI	Department of Environmental Conservation, New York State
PARAROCH	Paradigm Laboratories, Rochester, New York

Table D-3
Summary of Analytical Results in Groundwater
Brownfield Cleanup Program
Phase II Environmental Investigation
33 Litchfield Street, Rochester, New York

Sample Location			DRILL WATER	PUMP WATER	RW-1	RW-2	RW-3	RW-4	RW-5	RW-6		RW-7	RW-8	RW-9	RW-11	RW-12	RW-13	WATER TANK			Trip Blank
Sample Date			14-Jun-12	14-Jun-12	23-Mar-12	23-Mar-12	23-Mar-12	25-Apr-12	25-Apr-12	25-Apr-12	4-May-12	12-Jun-12	14-Jun-12	8-Jun-12	14-Jun-12	8-Jun-12	12-Jun-12	2-Aug-12	2-Aug-12	2-Aug-12	12-Jun-12
Sample ID			DRILL WATER (DW)	PUMP WATER (PW)	RW-1	RW-2	RW-3	RW-4	RW-5	RW-6	RW-6	RW-7	RW-8	RW-9	RW-11	RW-12	RW-13	02 WATER TANK	03- WATER TANK	04-WATER TANK	Trip Blank 7346
Sampling Company			DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:2523	12:2523	12:1239	12:1239	12:1239	12:1770	12:1770	12:1770	12:1927	12:2486	12:2523	12:2431	12:2523	12:2431	12:2486	12:3240	12:3240	12:3240	12:2486
Laboratory Sample ID			12:2523-02	12:2523-04	12:1239-01	12:1239-02	12:1239-03	12:1770-01	12:1770-02	12:1770-03	12:1927-01	12:2486-02	12:2523-01	12:2431-01	12:2523-03	12:2431-02	12:2486-01	12:3240-03	12:3240-04	12:3240-05	12:2486-03
Sample Type	Units	TOGS																			Trip Blank
Metals																					
Aluminum	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.65	-	-
Antimony	mg/L	0.003[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.060 U	-	-
Arsenic	mg/L	0.025[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.011	-	-
Barium	mg/L	1[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.224	-	-
Beryllium	mg/L	0.003[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.005 U	-	-
Cadmium	mg/L	0.005[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.005 U	-	-
Calcium	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	253	-	-
Chromium (Total)	mg/L	0.05[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.021	-	-
Cobalt	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.050 U	-	-
Copper	mg/L	0.2[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.184	-	-
Iron	mg/L	0.3-[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**23.7[B]**	-	-
Lead	mg/L	0.025[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.308[B]**	-	-
Magnesium	mg/L	35[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**41.6[A]**	-	-
Manganese	mg/L	0.3-[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.981[B]**	-	-
Mercury	mg/L	0.0007[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0002 U	-	-
Nickel	mg/L	0.1[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.115[B]**	-	-
Potassium	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66.0	-	-
Selenium	mg/L	0.01[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.010 U	-	-
Silver	mg/L	0.05[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.010 U	-	-
Sodium	mg/L	20[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**78.3[B]**	-	-
Thallium	mg/L	0.0005[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.025 U	-	-
Vanadium	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.025 U	-	-
Zinc	mg/L	2[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.400	-	-
Semi - Volatile Organic Compounds																					
Acenaphthene	µg/L	20[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Acenaphthylene	µg/L	n/v	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Aniline	µg/L	5[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Anthracene	µg/L	50[A]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Benzidine	µg/L	5[B]	-	-	25.0 U	25.0 U	25.0 U	-	-	-	-	-	-	-	-	-	-	25.0 U	-	-	-
Benzo(a)anthracene	µg/L	0.002[A]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Benzo(a)pyrene	µg/L	n/v	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Benzo(b)fluoranthene	µg/L	0.002[A]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Benzo(g,h,i)perylene	µg/L	n/v	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Benzo(k)fluoranthene	µg/L	0.002[A]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Benzoic acid	µg/L	n/v	-	-	25.0 U	25.0 U	25.0 U	-	-	-	-	-	-	-	-	-	-	25.0 U	-	-	-
Benzyl Alcohol	µg/L	n/v	-	-	25.0 U	25.0 U	25.0 U	-	-	-	-	-	-	-	-	-	-	25.0 U	-	-	-
Bis(2-Chloroethoxy)methane	µg/L	5[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Bis(2-Chloroethyl)ether	µg/L	1[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Bis(2-Chloroisopropyl)ether	µg/L	n/v	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Bromophenyl Phenyl Ether, 4-	µg/L	n/v	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Butyl Benzyl Phthalate	µg/L	50[A]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Chloro-3-methyl phenol, 4-	µg/L	n/v	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Chloroaniline, 4-	µg/L	5[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Chloronaphthalene, 2-	µg/L	10[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Chlorophenol, 2- (ortho-Chlorophenol)	µg/L	n/v	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Chlorophenyl Phenyl Ether, 4-	µg/L	n/v	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Chrysene	µg/L	0.002[A]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Cresol, m- (Methylphenol, 3-)	µg/L	n/v	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Cresol, o- (Methylphenol, 2-)	µg/L	n/v	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Dibenzo(a,h)anthracene	µg/L	n/v	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Dibenzofuran	µg/L	n/v	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Dibutyl Phthalate (DBP)	µg/L	50[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-

See last page for notes.

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Phase II Environmental Investigation
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Sample Location			DRILL WATER	PUMP WATER	RW-1	RW-2	RW-3	RW-4	RW-5	RW-6		RW-7	RW-8	RW-9	RW-11	RW-12	RW-13	WATER TANK			Trip Blank
Sample Date			14-Jun-12	14-Jun-12	23-Mar-12	23-Mar-12	23-Mar-12	25-Apr-12	25-Apr-12	25-Apr-12	4-May-12	12-Jun-12	14-Jun-12	8-Jun-12	14-Jun-12	8-Jun-12	12-Jun-12	2-Aug-12	2-Aug-12	2-Aug-12	12-Jun-12
Sample ID			DRILL WATER (DW)	PUMP WATER (PW)	RW-1	RW-2	RW-3	RW-4	RW-5	RW-6	RW-6	RW-7	RW-8	RW-9	RW-11	RW-12	RW-13	02 WATER TANK	03- WATER TANK	04-WATER TANK	Trip Blank 7346
Sampling Company			DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:2523	12:2523	12:1239	12:1239	12:1239	12:1770	12:1770	12:1770	12:1927	12:2486	12:2523	12:2431	12:2523	12:2431	12:2486	12:3240	12:3240	12:3240	12:2486
Laboratory Sample ID			12:2523-02	12:2523-04	12:1239-01	12:1239-02	12:1239-03	12:1770-01	12:1770-02	12:1770-03	12:1927-01	12:2486-02	12:2523-01	12:2431-01	12:2523-03	12:2431-02	12:2486-01	12:3240-03	12:3240-04	12:3240-05	12:2486-03
Sample Type	Units	TOGS																			Trip Blank
Semi - Volatile Organic Compounds (cont'd)																					
Dichlorobenzene, 1,2-	µg/L	3[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Dichlorobenzene, 1,3-	µg/L	3[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Dichlorobenzene, 1,4-	µg/L	3[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Dichlorobenzidine, 3,3'-	µg/L	5[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Dichlorophenol, 2,4-	µg/L	5[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Dichlorophenol, 2,6-	µg/L	n/v	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Diethyl Phthalate	µg/L	50[A]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Dimethyl Phthalate	µg/L	50[A]	-	-	25.0 U	25.0 U	25.0 U	-	-	-	-	-	-	-	-	-	-	25.0 U	-	-	-
Dimethylphenol, 2,4-	µg/L	50[A]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Dinitro-o-cresol, 4,6-	µg/L	n/v	-	-	25.0 U	25.0 U	25.0 U	-	-	-	-	-	-	-	-	-	-	25.0 U	-	-	-
Dinitrophenol, 2,4-	µg/L	10[A]	-	-	25.0 U	25.0 U	25.0 U	-	-	-	-	-	-	-	-	-	-	25.0 U	-	-	-
Dinitrotoluene, 2,4-	µg/L	5[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Dinitrotoluene, 2,6-	µg/L	5[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Di-n-Octyl phthalate	µg/L	50[A]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Fluoranthene	µg/L	50[A]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Fluorene	µg/L	50[A]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Hexachlorobenzene	µg/L	0.04[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Hexachlorobutadiene (Heachloro-1,3-butadiene)	µg/L	0.5[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Hexachlorocyclopentadiene	µg/L	5[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Hexachloroethane	µg/L	5[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Indeno(1,2,3-cd)pyrene	µg/L	0.002[A]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Isophorone	µg/L	50[A]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Methylnaphthalene, 2-	µg/L	n/v	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Naphthalene	µg/L	10[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Nitroaniline, 2-	µg/L	5[B]	-	-	25.0 U	25.0 U	25.0 U	-	-	-	-	-	-	-	-	-	-	25.0 U	-	-	-
Nitroaniline, 3-	µg/L	5[B]	-	-	25.0 U	25.0 U	25.0 U	-	-	-	-	-	-	-	-	-	-	25.0 U	-	-	-
Nitroaniline, 4-	µg/L	5[B]	-	-	25.0 U	25.0 U	25.0 U	-	-	-	-	-	-	-	-	-	-	25.0 U	-	-	-
Nitrobenzene	µg/L	0.4[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Nitrophenol, 2-	µg/L	n/v	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Nitrophenol, 4-	µg/L	n/v	-	-	25.0 U	25.0 U	25.0 U	-	-	-	-	-	-	-	-	-	-	25.0 U	-	-	-
N-Nitrosodimethylamine (NDMA)	µg/L	n/v	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
N-Nitrosodi-n-Propylamine	µg/L	n/v	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
n-Nitrosodiphenylamine	µg/L	50[A]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Pentachlorophenol	µg/L	1.0[B]	-	-	25.0 U	25.0 U	25.0 U	-	-	-	-	-	-	-	-	-	-	25.0 U	-	-	-
Phenanthrene	µg/L	50[A]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Phenol	µg/L	1.0[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Pyrene	µg/L	50[A]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Trichlorobenzene, 1,2,4-	µg/L	5[B]	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Trichlorophenol, 2,4,5-	µg/L	n/v	-	-	25.0 U	25.0 U	25.0 U	-	-	-	-	-	-	-	-	-	-	25.0 U	-	-	-
Trichlorophenol, 2,4,6-	µg/L	n/v	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-
Volatile Organic Compounds																					
Acetone	µg/L	50[A]	-	-	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	100 U	-	-	-	-	-	-	-	-	**143[A]**	-
Benzene	µg/L	1[B]	-	-	0.700 U	0.700 U	0.700 U	0.700 U	**1.13[B]**	0.700 U	7.00 U	-	-	-	-	-	-	-	-	0.700 U	-
Bromodichloromethane	µg/L	50[A]	4.23	2.61	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Bromoform (Tribromomethane)	µg/L	50[A]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	50.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	-	5.00 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	5[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Carbon Disulfide	µg/L	60[A]	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	-	-	-	-	-	-	-	-	2.00 U	-
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Chloroethane (Ethyl Chloride)	µg/L	5[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	100 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	-	10.0 U	10.0 U
Chloroform (Trichloromethane)	µg/L	7[B]	**11.3[B]**	6.48	2.00 U	2.00 U	3.78	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Chloromethane	µg/L	5[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Dibromochloromethane	µg/L	50[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U

See last page for notes.

Table D-3
Summary of Analytical Results in Groundwater
Brownfield Cleanup Program
Phase II Environmental Investigation
33 Litchfield Street, Rochester, New York

Sample Location			DRILL WATER	PUMP WATER	RW-1	RW-2	RW-3	RW-4	RW-5	RW-6		RW-7	RW-8	RW-9	RW-11	RW-12	RW-13	WATER TANK			Trip Blank
Sample Date			14-Jun-12	14-Jun-12	23-Mar-12	23-Mar-12	23-Mar-12	25-Apr-12	25-Apr-12	25-Apr-12	4-May-12	12-Jun-12	14-Jun-12	8-Jun-12	14-Jun-12	8-Jun-12	12-Jun-12	2-Aug-12	2-Aug-12	2-Aug-12	12-Jun-12
Sample ID			DRILL WATER (DW)	PUMP WATER (PW)	RW-1	RW-2	RW-3	RW-4	RW-5	RW-6	RW-6	RW-7	RW-8	RW-9	RW-11	RW-12	RW-13	02 WATER TANK	03- WATER TANK	04-WATER TANK	Trip Blank 7346
Sampling Company			DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:2523	12:2523	12:1239	12:1239	12:1239	12:1770	12:1770	12:1770	12:1927	12:2486	12:2523	12:2431	12:2523	12:2431	12:2486	12:3240	12:3240	12:3240	12:2486
Laboratory Sample ID			12:2523-02	12:2523-04	12:1239-01	12:1239-02	12:1239-03	12:1770-01	12:1770-02	12:1770-03	12:1927-01	12:2486-02	12:2523-01	12:2431-01	12:2523-03	12:2431-02	12:2486-01	12:3240-03	12:3240-04	12:3240-05	12:2486-03
Sample Type	Units	TOGS																			Trip Blank
Volatile Organic Compounds (cont'd)																					
Dichlorobenzene, 1,2-	µg/L	3[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Dichlorobenzene, 1,3-	µg/L	3[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Dichlorobenzene, 1,4-	µg/L	3[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Dichloroethane, 1,1-	µg/L	5,,[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Dichloroethane, 1,2-	µg/L	0.6[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Dichloroethene, 1,1-	µg/L	5,,[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Dichloroethylene, cis-1,2-	µg/L	5,,[B]	2.00 U	2.00 U	**6.88[B]**	**26.6[B]**	**81.8[B]**	**23.1[B]**	**49.5[B]**	**59.8[B]**	**63.1[B]**	4.28	**6.50[B]**	2.00 U	2.00 U	**24.5[B]**	2.00 U	-	-	2.00 U	2.00 U
Dichloroethylene, trans-1,2-	µg/L	5,,[B]	2.00 U	2.00 U	2.00 U	2.43	**10.2[B]**	2.00 U	**5.63[B]**	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Dichloropropane, 1,2-	µg/L	1[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Dichloropropene, cis-1,3-	µg/L	0.4$_p$[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Dichloropropene, trans-1,3-	µg/L	0.4$_p$[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Ethylbenzene	µg/L	5,,[B]	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	-	-	-	-	-	-	-	-	2.00 U	-
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	-	-	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	50.0 U	-	-	-	-	-	-	-	-	5.00 U	-
Methyl Ethyl Ketone (MEK)	µg/L	50[A]	-	-	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	100 U	-	-	-	-	-	-	-	-	10.0 U	-
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	-	-	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	50.0 U	-	-	-	-	-	-	-	-	5.00 U	-
Methylene Chloride (Dichloromethane)	µg/L	5,,[B]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	50.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	-	5.00 U	5.00 U
Styrene	µg/L	5,,[B]	-	-	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	50.0 U	-	-	-	-	-	-	-	-	5.00 U	-
Tetrachloroethane, 1,1,2,2-	µg/L	5,,[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Tetrachloroethylene (PCE)	µg/L	5,,[B]	2.00 U	2.00 U	**6.72[B]**	2.00 U	2.81	**62.6[B]**	**12.2[B]**	**881 E[B]**	**732[B]**	2.00 U	2.00 U	**11.3[B]**	2.00 U	2.71	2.00 U	-	-	2.00 U	2.00 U
Toluene	µg/L	5,,[B]	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	-	-	-	-	-	-	-	-	2.00 U	-
Trichloroethane, 1,1,1-	µg/L	5,,[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	1[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Trichloroethylene (TCE)	µg/L	5,,[B]	2.00 U	2.00 U	**7.15[B]**	**9.19[B]**	**125[B]**	**21.4[B]**	**48.5[B]**	**112[B]**	**93.2[B]**	2.00 U	**7.59[B]**	2.00 U	2.00 U	**6.80[B]**	2.00 U	-	-	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5,,[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Vinyl Acetate	µg/L	n/v	-	-	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	50.0 U	-	-	-	-	-	-	-	-	5.00 U	-
Vinyl chloride	µg/L	2[B]	2.00 U	2.00 U	**3.99[B]**	2.00 U	2.00 U	**3.86[B]**	**2.93[B]**	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	2.00 U	2.00 U
Xylene, m & p-	µg/L	5,,[B]	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	-	-	-	-	-	-	-	-	2.00 U	-
Xylene, o-	µg/L	5,,[B]	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	-	-	-	-	-	-	-	-	2.00 U	-

Notes:

TOGS	NYSDEC TOGS 1.1.1 (Reissued June 1998 with errata in January 1999 and addenda in April 2000 and June 2004)
[A]	TOGS 1.1.1 - Table 1 - Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Guidance
[B]	TOGS 1.1.1 - Table 1 - Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Standards
6.5[A]	Concentration exceeds the indicated standard.
15.2	Concentration was detected but did not exceed applicable standards.
0.03 U	The analyte was not detected above the laboratory estimated quantitation limit.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
*	The standard for Iron and Manganese is 500 ug/L, which applies to the sum of these substances. As individual standards, the standard is 300 ug/L.
**	The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in the TOGS table) applies to this substance.
p	Applies to the sum of cis- and trans-1,3-dichloropropene.
E	Compound was over the calibration range.
DECI	Department of Environmental Conservation, New York State
PARAROCH	Paradigm Laboratories, Rochester, New York

Table D-4
Summary of Analytical Results in Air
Brownfield Cleanup Program
Phase II Environmental Investigation
33 Litchfield Street, Rochester, New York

Sample Location			TO-1 Basement Slab	TO-2 Basement Slab	TO-3 Basement Slab	TO-4 Basement Slab	TO-5	TO-7	TO-8 Basement Slab	TO-9	TO-10 Basement Slab	TO-11 Slab	TO-12
Sample Date			3-May-11	3-May-11	3-May-11	3-May-11	18-May-11	18-May-11	3-May-11	18-May-11	4-May-11	4-May-11	4-May-11
Sample ID			TO-1 Basement Slab	TO-2 Basement Slab	TO-3 Basement Slab	TO-4 Basement Slab	TO-5	TO-7	TO-8 Basement Slab	TO-9	TO-10 Basement Slab	TO-11 Slab	TO-12
Sampling Company			DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI	DECI
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			11:1805	11:1805	11:1805	11:1805	11:1995	11:1995	11:1805	11:1995	11:1805	11:1805	11:1805
Laboratory Sample ID			6101	6102	6103	6104	6731	6734	6108	6732	6110	6111	6112
Sample Type	Units	NYSDOH											
Volatile Organic Compounds													
Acetone	µg/m3	n/v	17.9 BE	15.4 BE	18.5 BE	33.2 BE	36.1 B	84.2 BE	22.0 B	23.7 U	31.1 B	42.9 B	19.2 B
Benzene	µg/m3	n/v	0.613	0.932	0.772	6.54 U	10.1	56.8 E	3.19 U	6.38 U	6.38 U	6.70 U	3.19 U
Bromodichloromethane	µg/m3	n/v	0.716 U	0.729 U	0.682 U	13.6 U	13.9 U	10.3	6.63 U	13.3 U	13.3 U	13.9 U	6.63 U
Bromoform (Tribromomethane)	µg/m3	n/v	1.10 U	1.12 U	1.05 U	21.0 U	21.5 U	1.05 U	10.2 U	20.4 U	20.4 U	21.5 U	10.2 U
Bromomethane (Methyl bromide)	µg/m3	n/v	0.415 U	0.423 U	0.396 U	7.88 U	8.07 U	0.396 U	3.84 U	7.69 U	7.69 U	8.07 U	3.84 U
Carbon Disulfide	µg/m3	n/v	1.68 U	1.70 U	1.59 U	32.0 U	32.6 U	85.8 E	15.5 U	31.1 U	31.1 U	32.6 U	15.5 U
Carbon Tetrachloride (Tetrachloromethane)	µg/m3	n/v	0.390	0.504	0.395	235	1260 E	4.72	6.53	4.97 U	4.97 U	5.22 U	2.49 U
Chlorobenzene (Monochlorobenzene)	µg/m3	n/v	0.495 U	0.504 U	0.472 U	9.39 U	9.62 U	0.472 U	4.58 U	9.16 U	9.16 U	9.62 U	4.58 U
Chloroethane (Ethyl Chloride)	µg/m3	n/v	0.565 U	0.573 U	0.537 U	10.7 U	11.0 U	0.537 U	5.24 U	10.5 U	10.5 U	11.0 U	5.24 U
Chloroform (Trichloromethane)	µg/m3	n/v	0.521 U	0.531 U	0.497 U	193	261	17.8	4.83 U	9.65 U	9.65 U	10.1 U	13.7
Chloromethane	µg/m3	n/v	1.00	1.39	1.29	4.19 U	4.29 U	0.211 U	2.04 U	4.09 U	4.09 U	4.29 U	2.04 U
Dibromochloromethane	µg/m3	n/v	0.910 U	0.927 U	0.868 U	17.3 U	17.7 U	0.868 U	8.43 U	16.9 U	16.9 U	17.7 U	8.43 U
Dichlorobenzene, 1,2-	µg/m3	n/v	0.645 U	0.657 U	0.615 U	12.2 U	12.5 U	0.615 U	5.97 U	11.9 U	11.9 U	12.5 U	5.97 U
Dichlorobenzene, 1,3-	µg/m3	n/v	0.645 U	0.657 U	0.615 U	12.2 U	12.5 U	0.615 U	5.97 U	11.9 U	11.9 U	12.5 U	5.97 U
Dichlorobenzene, 1,4-	µg/m3	n/v	0.645 U	0.657 U	0.615 U	12.2 U	12.5 U	0.615 U	5.97 U	11.9 U	11.9 U	12.5 U	5.97 U
Dichloroethane, 1,1-	µg/m3	n/v	0.433 U	0.441 U	0.413 U	8.22 U	8.42 U	0.413 U	4.01 U	8.02 U	8.02 U	8.42 U	4.01 U
Dichloroethane, 1,2-	µg/m3	n/v	0.424 U	0.432 U	0.404 U	8.05 U	8.25 U	0.404 U	3.93 U	7.85 U	7.85 U	8.25 U	3.93 U
Dichloroethene, 1,1-	µg/m3	n/v	0.433 U	0.441 U	0.413 U	8.22 U	8.42 U	0.413 U	4.01 U	8.02 U	8.02 U	8.42 U	4.01 U
Dichloroethylene, cis-1,2-	µg/m3	n/v	0.974	6.95	2.31	1350 E	9860 E	188 E	3.93 U	21.8	7.85 U	8.25 U	12.6
Dichloroethylene, trans-1,2-	µg/m3	n/v	0.424 U	1.09	0.404 U	8.05 U	2110 E	38.0 E	3.93 U	7.85 U	7.85 U	8.25 U	3.93 U
Dichloropropane, 1,2-	µg/m3	n/v	0.989 U	1.00 U	0.939 U	18.8 U	19.2 U	0.939 U	9.16 U	18.3 U	18.3 U	19.2 U	9.16 U
Dichloropropene, cis-1,3-	µg/m3	n/v	0.486 U	0.495 U	1.42	9.22 U	9.45 U	0.463 U	4.50 U	9.00 U	9.00 U	9.45 U	4.50 U
Dichloropropene, trans-1,3-	µg/m3	n/v	0.486 U	0.495 U	0.463 U	9.22 U	9.45 U	0.463 U	4.50 U	9.00 U	9.00 U	9.45 U	4.50 U
Ethylbenzene	µg/m3	n/v	1.31	3.37	1.30	16.9	9.10 U	5.81	39.8	8.67 U	8.67 U	47.7	4.34 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/m3	n/v	0.822 U	0.837 U	0.784 U	15.6 U	16.0 U	0.784 U	7.61 U	15.2 U	15.2 U	16.0 U	7.61 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/m3	n/v	2.21 U	2.24 U	2.10 U	42.1 U	42.9 U	52.8 E	20.4 U	40.9 U	40.9 U	42.9 U	20.4 U
Methyl Ethyl Ketone (MEK)	µg/m3	n/v	1.59 U	1.61 U	1.51 U	13.3 U	30.9 U	26.1 E	14.7 U	29.4 U	29.4 U	30.9 U	14.7 U
Methyl Isobutyl Ketone (MIBK)	µg/m3	n/v	2.21 U	2.24 U	2.10 U	42.1 U	42.9 U	2.10 U	20.4 U	40.9 U	40.9 U	42.9 U	20.4 U
Methyl tert-butyl ether (MTBE)	µg/m3	n/v	0.389 U	0.396 U	0.371 U	7.38 U	7.56 U	0.371 U	3.60 U	7.20 U	7.20 U	7.56 U	3.60 U
Methylene Chloride (Dichloromethane)	µg/m3	60[A]	25.8 BE	43.6 BE	51.5 BE	**81.4 BE[A]**	**277 B[A]**	**128 BE[A]**	**123 B[A]**	34.4 U	56.7 B	**61.5 B[A]**	43.3 B
Styrene	µg/m3	n/v	0.459 U	0.468 U	0.438 U	8.72 U	8.93 U	2.36	4.25 U	8.51 U	8.51 U	8.93 U	4.25 U
Tetrachloroethane, 1,1,2,2-	µg/m3	n/v	0.733 U	0.747 U	0.699 U	13.9 U	14.3 U	0.699 U	6.79 U	13.6 U	13.6 U	14.3 U	6.79 U
Tetrachloroethylene (PCE)	µg/m3	100[A]	3.29	5.76	6.28	**207[A]**	**838 E[A]**	**1090 E[A]**	19.7	**724 E[A]**	**3050 E[A]**	**993 E[A]**	93.2
Toluene	µg/m3	n/v	2.00	3.40	2.65	16.0	23.6	64.3 E	25.5	7.53 U	10.1	21.9	3.76 U
Trichloroethane, 1,1,1-	µg/m3	n/v	0.583 U	0.594 U	0.556 U	11.1 U	11.3 U	0.556 U	5.40 U	10.8 U	10.8 U	11.3 U	5.40 U
Trichloroethane, 1,1,2-	µg/m3	n/v	0.583 U	0.594 U	0.566 U	11.1 U	11.3 U	0.556 U	5.40 U	10.8 U	10.8 U	11.3 U	5.40 U
Trichloroethylene (TCE)	µg/m3	5[A]	0.391	1.27	1.22	**1820 E[A]**	**11000 E[A]**	**138 E[A]**	**6.54[A]**	**283[A]**	**152[A]**	**18.3[A]**	**13.7[A]**
Trichlorofluoromethane (Freon 11)	µg/m3	n/v	1.12	0.612 U	1.35	11.4 U	11.7 U	3.28	5.56 U	11.1 U	11.1 U	11.7 U	5.56 U
Trichlorotrifluoroethane (Freon 113)	µg/m3	n/v	0.822 U	0.837 U	0.784 U	15.6 U	16.0 U	0.7884 U	7.61 U	15.2 U	15.2 U	16.0 U	7.61 U
Vinyl Acetate	µg/m3	n/v	0.380 U	0.387 U	0.362 U	7.21 U	7.39 U	0.362 U	3.52 U	7.03 U	7.03 U	7.39 U	3.52 U
Vinyl chloride	µg/m3	n/v	0.274 U	0.279 U	0.261 U	5.20 U	5.33 U	0.261 U	2.54 U	5.07 U	5.07 U	5.33 U	2.54 U
Xylene, m & p-	µg/m3	n/v	4.29	10.8	4.86	44.2	14.8	33.9	87.6	14.1	25.1	160	76.3
Xylene, o-	µg/m3	n/v	0.962	2.97	1.27	8.97	9.10 U	12.1	20.0	8.67 U	8.67 U	41.5	19.8

Notes:

NYSDOH	New York State Department of Health Center for Environmental Health Bureau of Environmental Exposure
[A]	Air Guildline Values, Evaluating Soil Vapor Intrusion in the State of New York, October 2006
6.5[A]	Concentration exceeds the indicated standard.
15.2	Concentration was detected.
0.03 U	The analyte was not detected above the laboratory estimated quantitation limit.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
B	Indicates analyte was found in associated blank, as well as in the sample.
BE	Matrix Spike exceeds acceptance limits for Be, due to matrixinterference. (Recovery:125%, limits 80-120%)
E	Compound was over the calibration range.

Attachment D – Environmental History

Copies of Previous Environmental Reports
(included as Attachment H)

Attachment E

Current and Previous Owners and Operators

(Supplemental Information for Section VII, Part 6)

Previous Owners*

Name	Date of Acquisition	Contact Name	Last Known Address	Relationship to Applicant
Rochester Rentals LLC	10/16/2007	George Traikos, President	460 Buffalo Road Suite 110 Rochester, NY 14606	Current Owner and Seller
New Life Ministries, Inc.	12/17/1993	Unknown	Unknown	None
Israel Cuyler and Charles Cuyler	5/17/1990	Unknown	Unknown	None
Monroe County	12/12/1986	Unknown	39 West Main Street Rochester, NY 14614	None
Charles A. Woods and Mary T. Woods	1/20/1982	Unknown	Unknown	None
City of Rochester	11/23/1976	Unknown	30 Church Street Rochester, NY 14614	None
Harry Zalles, Paul L. Creek	1/31/1961	Unknown	Unknown	None
Litchfield Properties, Inc.	12/30/1959	Unknown	Unknown	None
Ajfec Realty Corporation	3/24/1941	Unknown	Unknown	None
James Cunningham Son & Company	Parcels acquired from 5/26/1869 through 11/25/1907	Unknown	Unknown	None

*Previous owners were obtained from the Abstract of Title.

Previous Occupants/Tenants*

Name	Date of Tenancy	Contact Name	Last Known Address	Relationship to Applicant
Volunteers of America (storage)	1993	Unknown	Unknown	None
Paul's Crafted Welding (welding – fabrication)	1988 through 1993	Unknown	Unknown	None
Pop Dent Body and Fender Repair (auto body)	1988 through 1993	Unknown	Unknown	None
Woods Metals and Distributors Inc (sheet metal distributors)	1988	Unknown	Unknown	None
Gregory Designs Ltd (storage)	1981-82 through 1988	Unknown	Unknown	None
Campus Industries (sales of reflectors - traffic device)	1972 through 1977	Unknown	Unknown	None
Gas Appliance Specialists Inc (sales of gas appliances)	1972	Unknown	Unknown	None
McMahon M A Installation and Service (gas appliance service)	1972	Unknown	Unknown	None
Rochester Microfilm Co Inc (dealers of photo devices)	1967	Unknown	Unknown	None

Name	Date of Tenancy	Contact Name	Last Known Address	Relationship to Applicant
Photo Devices Inc	1962 through 1967	Unknown	Unknown	None
Banner Screw Products Inc	1962	Unknown	Unknown	None
Colonial Candy Co Inc (wholesale)	1962	Unknown	Unknown	None
Statewide Machinery Inc (manufacturers of washers and dryers)	1962 through 1977	Unknown	Unknown	None
Lumber Yard	1892 through 1911-12	Unknown	Unknown	None
James Cunningham Son & Company	1869 to 1958	Unknown	Unknown	None
Residential	Through 1905	Unknown	Unknown	None

*Previous occupants/tenants were obtained from Polk City Directory records examined at five year intervals.

Attachment F

Contact List Information

(Supplemental Information for Section VIII)

United States Officials

Sen. Charles Schumer United States Senate 100 State St, Room 3040 Rochester, NY 14614	Sen. Kirsten Gillibrand Kenneth B. Keating Federal Office Building 100 State Street Room 4195 Rochester, NY 14614
Rep. Louise Slaughter 3120 Federal Building 100 State St. Rochester, NY 14614	

New York State Officials

Assemblyman David F. Gantt New York State Assembly District 133 74 University Avenue Rochester, NY 14605	Sen. Joseph Robach New York State Senate District 56 2300 W. Ridge Road Rochester, NY 14626

Monroe County Officials

Maggie Brooks, County Executive County Office Building 110 39 West Main Street Rochester, NY 14614	Judy A. Seil, Director, Monroe County Department of Planning and Development 8100 City Place 50 W. Main St. Rochester, NY 14614
Cheryl Dinolfo Monroe County Clerk County Office Building 101 39 West Main Street Rochester, NY 14614	Jeffrey R. Adair President, Monroe County Legislature 410 County Office Building 39 W. Main St. Rochester, NY 14614
Patrick M. O'Flynn Sheriff Ebenezer Watts Building 130 S. Plymouth Ave. Rochester, NY 14614	Louise Hartshorn, Coordinator Monroe County EMC MCDOH 111 Westfall Road, Room 962 P.O. Box 92832 Rochester, NY 14692-8932
John F. Lightfoot County Legislator - 25th District 52 Dr Samuel McCree Way Rochester, NY 14608	

City of Rochester Officials

Mayor Thomas Richards City Hall 30 Church Street Rochester NY 14614	David Hawkes, Administrator Southwest Neighborhood Service Center Facilitator, Southwest Quadrant Team 923 Genesee Street Rochester, NY 14611
Daniel B. Karin City Clerk 30 Church Street, Room 300-A Rochester, NY 14614	Rochester Fire Chief Rochester Fire & Rescue Dept 185 Exchange Blvd - Suite 665 Rochester NY 14614-2277
Office of the Police Chief Civic Center Plaza 185 Exchange Blvd Rochester NY 14614	Rochester City Zoning Board 30 Church Street Rochester, NY 14614
Carolee A. Conklin Rochester City Council - At Large 310 Exchange Blvd Apt 257 Rochester, NY 14608	Jacklyn Ortiz Rochester City Council - At Large 45 Ontario Street Rochester, NY 14605
Matt P. Haag Rochester City Council - At Large 951 Park Avenue Rochester, NY 14610	Loretta C. Scott Rochester City Council - At Large 171 Berwick Road Rochester, NY 14609
Dana K. Miller Rochester City Council - At Large 265 Melrose St Rochester, NY 14619	Adam C. Mc Fadden Rochester City Council - South District 178 Farragut Street Rochester, NY 14611

Agency Officials

Todd Caffoe, P.E. NYSDEC Region 8 6274 Avon-Lima Rd Avon, NY 14414	Bart Putzig, P.E. NYSDEC Region 8 6274 Avon-Lima Rd Avon, NY 14414
Citizen Participation Specialist NYSDEC Region 8 6274 Avon-Lima Rd Avon, NY 14414	NYSDOH Flanigan Square Room 300 547 River Street Troy, NY 12180
Jeff Kosmala Monroe County Health Department PO Box 92832 111 Westfall Rd Rochester, NY 14692	

Area Property Owners*

Tmothi Howard (Owner of 14-14.5 King St) 14 King St Rochester, NY 14608	City of Rochester (Owner of 42 King St) 30 Church St Rm 125B Rochester, NY 14614
Marlene Sutliff (Owner of 18-18.5 and 20 King St) 333 Inglewood Drive Rochester, NY 14619	48 King Street Associates LLC (Owner of 48 King St) 48 King St Rochester, NY 14608
Emmanuel Fai (Owner of 24 King St) 24 King St Rochester, NY 14608	Barbara Hoffman (Owner of 7-9 Litchfield St) 8 King St Rochester, NY 14608
Michael Warfield (Owner of 26-26.5, 28, and 32 King St) 32 King St Rochester, NY 14608	Michael Macaluso Jr (Owner of 20 Litchfield St) 7 Canal St Rochester, NY 14608
Thomas E Hill (Owner of 30 King St) 30 King St Rochester, NY 14608	Roch Gas & Electric Corp (Owner of 30 Litchfield St) Attn: Utility Shared Serv Loc 70 Farm View Dr New Gloucester, ME 04260
City of Rochester (Owner of 34 and 42 King St and 25-37 Canal St) 30 Church St Rm 125B Rochester, NY 14614	Rochester Rentals LLC (Owner of 33 Litchfield St) 460 Buffalo Rd Ste 110 Rochester, NY 14606
Frederick Douglass Comm Dev (Owner of 36 King St) Attn: Rev Errol E Hunt 615 Clarissa St Rochester, NY 14608	67-89 Canal LLC (Owner of 67 and 89 Canal St) Attn: Buckingham Properties 1 S Washington St Rochester, NY 14614

*Property owner names and addresses were obtained from Monroe County Tax Records.

Current Site Tenants

There are no Site Tenants at this time.

News Media Contacts

News Director WROC-TV 8 201 Humboldt St Rochester NY 14610	News Director R News Channel 9 71 Mt Hope Ave Rochester NY 14620	News Director WHEC-TV 10 191 East Ave Rochester NY 14604
News Director 13 WHAM TV 4225 West Henrietta Road Rochester, NY 14623	News Director WXXI-TV 21 280 State St Rochester NY 14614	News Director WUHF FOX 31 201 Humboldt St Rochester NY 14610

Randy Gorbman, News Director 1180 WHAM-AM 1700 HSBC Plaza 100 Chestnut Street Rochester, NY 14604	News Director WXXI-AM 280 State St Rochester NY 14614	Editor Local News Democrat & Chronicle 55 Exchange Blvd Rochester NY 14614-2001
News Editor City Newspaper 250 N Goodman St Rochester NY 14607	News Editor Rochester Business Journal 45 East Avenue, Suite 500 Rochester, NY 14604	

Water Supplier

Nicholas Noce
Executive Director
Monroe County Water Authority
475 Norris Drive
Rochester, NY 14610- 0999

Persons who have requested being included on the contact list

Michael P. Storonsky
Managing Principal
Stantec Consulting Services Inc.
61 Commercial Street
Rochester, NY 14614

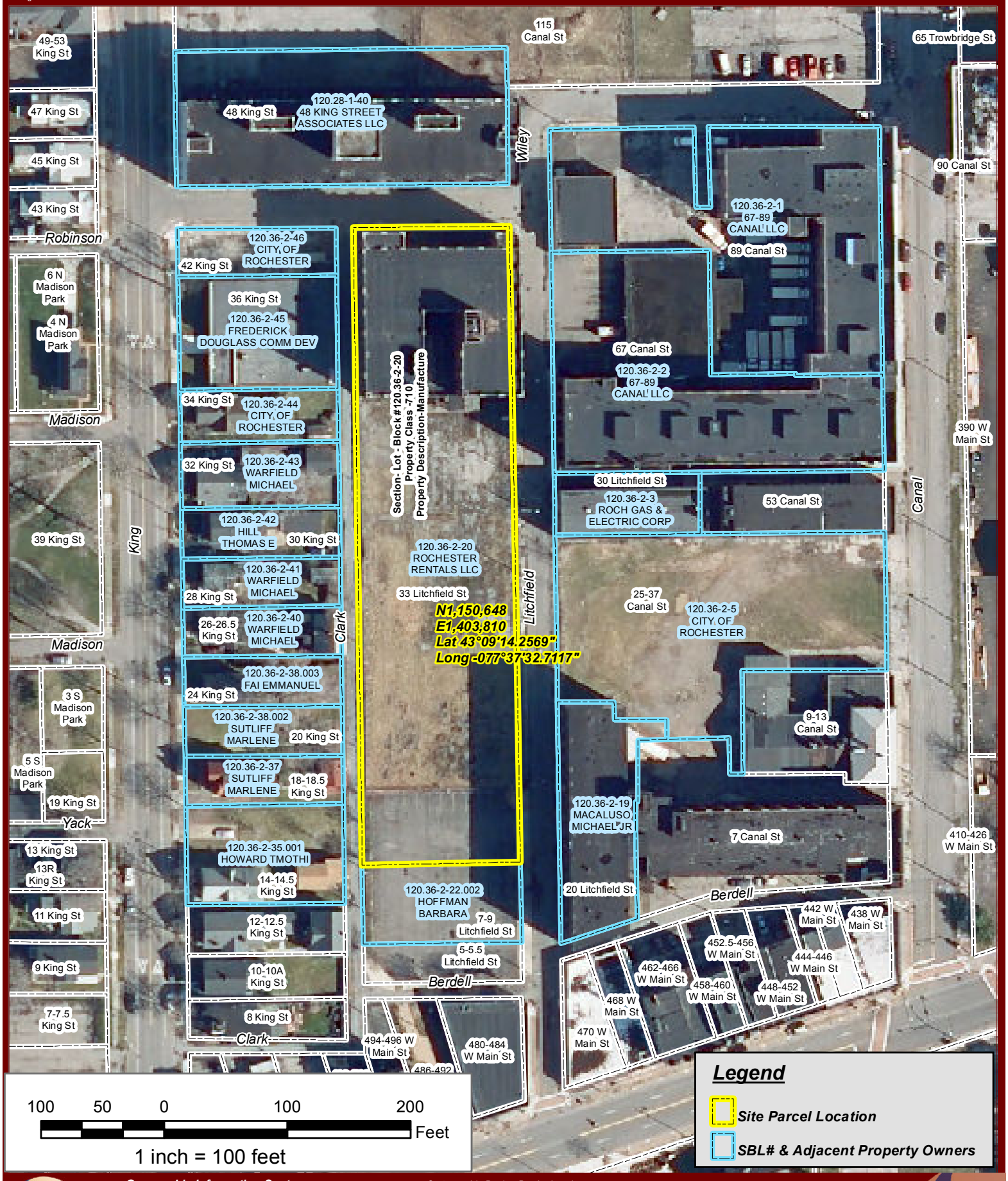
Nearby School and Day Care Facility Administrators

Hochstein School of Music & Dance 50 Plymouth Avenue North Rochester, NY 14614	Rochester Junior Academy 309 Jefferson Avenue Rochester, NY 14611
Clara Barton School 2 James Palermo, Principal 190 Reynolds Street Rochester, NY 14608	John Williams School No. 5 Joanne Wideman, Principal 555 Plymouth Avenue North Rochester, NY 14608
George Mather Forbes School No. 4 Karon A. Jackson, Principal 198 Doctor Samuel McCree Way Rochester, NY 14611	

Document Repository

The document repository for the project will be the City of Rochester Public Library (Rundel Library) located in the City of Rochester.

City of Rochester Public Library (Rundel Library)
Information Desk
c/o: Ms. Florence Morris
115 South Avenue
Rochester, NY 14604


Background Source : Latest NYSGIS Aerial Photo
49-53 King St
47 King St
45 King St
43 King St
Robinson
6 N Madison Park
4 N Madison Park
Madison
39 King St
Madison
3 S Madison Park
5 S Madison Park
19 King St
Yack
13 King St
13R King St
11 King St
9 King St
7-7.5 King St
King
48 King St
120.28-1-40
48 KING STREET ASSOCIATES LLC
115 Canal St
65 Trowbridge St
Wiley
90 Canal St
120.36-2-1
67-89 CANAL LLC
89 Canal St
42 King St
120.36-2-46
CITY, OF ROCHESTER
36 King St
120.36-2-45
FREDERICK DOUGLASS COMM DEV
34 King St
120.36-2-44
CITY, OF ROCHESTER
32 King St
120.36-2-43
WARFIELD MICHAEL
120.36-2-42
HILL THOMAS E
30 King St
120.36-2-41
WARFIELD MICHAEL
28 King St
26-26.5 King St
120.36-2-40
WARFIELD MICHAEL
Clark
24 King St
120.36-2-38.003
FAI EMMANUEL
120.36-2-38.002
SUTLIFF MARLENE
20 King St
120.36-2-37
SUTLIFF MARLENE
18-18.5 King St
120.36-2-35.001
HOWARD TMOTHI
14-14.5 King St
12-12.5 King St
10-10A King St
8 King St
Clark
Section - Lot - Block #120.36-2-20
Property Class -710
Property Description-Manufacture
120.36-2-20
ROCHESTER RENTALS LLC
33 Litchfield St
N1,150,648
E1,403,810
Lat 43°09'14.2569"
Long -077°37'32.7117"
Litchfield
67 Canal St
120.36-2-2
67-89 CANAL LLC
30 Litchfield St
120.36-2-3
ROCH GAS & ELECTRIC CORP
53 Canal St
Canal
390 W Main St
25-37 Canal St
120.36-2-5
CITY OF ROCHESTER
9-13 Canal St
120.36-2-19
MACALUSO MICHAEL JR
7 Canal St
410-426 W Main St
20 Litchfield St
120.36-2-22.002
HOFFMAN BARBARA
7-9 Litchfield St
5-5.5 Litchfield St
Berdell
Berdell
442 W Main St
438 W Main St
452.5-456 W Main St
444-446 W Main St
462-466 W Main St
458-460 W Main St
448-452 W Main St
468 W Main St
470 W Main St
494-496 W Main St
480-484 W Main St
486-492
100 50 0 100 200
Feet
1 inch = 100 feet
Legend
Site Parcel Location
SBL# & Adjacent Property Owners
Geographic Information Systems
Cartographic Design By: Andrew Less
Path: U:\190500751\drawing\GIS\MXD\Figure F-1 Site Plan with adjacent property owners.mxd
Stantec Consulting Services
61 Commercial Street
Rochester , NY 14614
Stantec
N
Figure F-1 - Site Parcel Location with Adjacent Property Owners
33 Litchfield Street, Rochester NY 14608

Stantec Consulting Services Inc.
61 Commercial Street
Rochester NY 14614
Tel: (585) 475-1440
Fax: (585) 272-1814

Stantec

October 5, 2012

City of Rochester Public Library (Rundel Library)
115 South Avenue
Rochester, NY 14604

Attention: **Ms. Carolyn Johnson**

Reference: **Document Repository for Brownfield Cleanup Program Project**
Carriage Factory
33 Litchfield Street
City of Rochester, New York

Dear Ms. Johnson:

On behalf of The DePaul Group Inc. and Carriage Factory Special Needs Apartments, L.P., Stantec Consulting Services Inc. is preparing an application to enter the Carriage Factory site referenced above in the New York State Department of Environmental Conservation's Brownfields Cleanup Program (NYSDEC BCP). A requirement of the BCP application is that a document repository be established at a community institution such as a local library. I, Dorothy Bauch-Barker of Stantec, spoke with you last week by telephone to inquire whether the library would be willing to serve as the public document repository for the project, and you indicated that it would. We appreciate your willingness to allow the library to serve that function for the Carriage Factory site.

The application requires that a copy of a letter acknowledging that the City of Rochester Public Library (Rundel Library) agrees to act as the document repository for the site. Please sign below to acknowledge your agreement and return a signed copy to my attention.

Your assistance is greatly appreciated. If you have any questions, please feel free to call me at 585-413-5276.

Sincerely,

Dorothy Bauch Barker

Dorothy Bauch-Barker
Environmental Geologist
Tel: (585) 413-5276
Fax: (585) 272-1814
Dorothy.bauchbarker@stantec.com

Acknowledgement:

Carolyn Johnson

Carolyn Johnson

Attachment G

Land Use Factors

(Supplemental Information for Section IX)

Supplemental information on land use factors for Section IX:

1. Current Use

The Site is currently vacant with a former manufacturing building located on the northern portion of the property. Operations ceased circa 1993.

2. Intended Use Post Remediation

The Site is intended for redevelopment as housing for special needs and low income individuals.

3. Current and Historical Development Patterns

The proposed use of the subject property involves renovation to housing for special needs and low income individuals. The proposed use is consistent with the current and past use of the adjacent residential properties to the west.

4. Zoning

The property is in an area zoned by the City of Rochester as Center City District (CCD), Cascade-Canal District.

5. Comprehensive Plans

The proposed post-remediation use is consistent with the Susan B. Anthony Neighborhood Community Vision Plan dated October 2008.

6. Environmental Justice Concerns

None were identified in the documents and on-line records reviewed. In particular, on-line searches for environmental justice issues in the area of the site were performed by Stantec using the USEPA's and NYSDEC's on-line mapping tools, and while the vicinity is designated as a potential environmental justice area, no issues were identified. Given the proposed cleanup and renovation for use as residential apartments for special needs and low income individuals, the potential impacts on the local population are positive.

7. Federal and State Land Use Designations

The property is not the subject of any federal or state land use designations.

8. Population Growth Patterns

A fact sheet with recent basic demographic information for the Census Tract 96.01 area is attached.

9. Accessibility to Existing Infrastructure

The site is accessible to and from existing local and regional infrastructure including highways, gas and electric utility service, and public water supply and municipal sewer services.

10. Cultural Resources

The following information on cultural resources was obtained from the NY State Historic Preservation Office (NYSHPO) GIS-Public Access website on October 4, 2012:

The property is located in an area designated as being archeologically sensitive. The site and all immediately adjacent properties are within the area designated as archeologically sensitive. This means that there is the *potential* for discovery of archeological resources at the site; it does not mean that archeological resources are present or have already been discovered.

The property is located within the Madison Square – West Main Street Historic District. The Historic District is shown on the attached copy of the map downloaded from the NYSHPO website showing historic preservation features in the area. The Historic District is roughly bounded by Silver, Canal, West Main, and Madison Streets.

The closest feature listed on the National Register of Historic Places is the Susan B. Anthony House (90NR01518), located at 17 Madison Street.

A City of Rochester Notice of Decision dated February 3, 2012 (attached) discussed alterations made to the building renovation plans to take into account historic preservation concerns.

11. Natural Resources

No significant natural resources or federal or state wetlands are known to be present within ½ mile of the property.

An on-line search of the U. S. Fish and Wildlife Service's Critical Habitat Mapper database for a critical habitat list for Monroe County was performed by Stantec on October 4, 2012. The search results indicated that no instances of critical habitat (areas essential to the survival of federally listed threatened or endangered species) are present in the area.

Stantec submitted a request to NYSDEC's Division of Fish, Wildlife & Marine Resources, New York Natural Heritage Program office for information on rare species and natural communities in the area of the site. In its October 16, 2012 response, the NYSDEC responded that it has no records of rare or state-listed animals or plants, significant natural communities or other significant habitats on or in the immediate vicinity of the property except for the endangered peregrine falcon which was introduced to some of the taller buildings in the City of Rochester a number of years ago. Copies of the request and the NYSDEC's response are attached.

12. Flood Plains

According to FEMA Flood Map 36055C0194G, the FEMA flood zone designation for the property is Zone X. This designation indicates that the property is outside the 0.2% annual chance floodplain. The nearest FEMA floodplain areas are located approximately 0.7 mile from the Site, along the Genesee River to the east.

13. Institutional Controls Applicable to the Property

There are currently no Institutional Controls applicable to the subject property.

14. Surrounding Land Uses

Land uses in the surrounding urban area include commercial and industrial facilities on the properties to the north and east, commercial and residential properties to the south, and residential properties to the west of the Site. These land uses are all visible on the aerial photograph image presented in the attached Figure B-5.

No federal, state, county, municipal or community parks or recreational areas are known to be present adjacent to the property.

15. Vulnerability of Groundwater

No designated wellhead protection or groundwater recharge areas are known to be located in proximity to the site. Water supply to the site and surrounding area is from a municipal system. No water supply wells are known in the area and use of groundwater for potable purposes is prohibited by City Ordinance.

16. Geography and Geology of the Site

The topography of the Site and the surrounding area is shown on Figure B-4. According to the United States Geological Survey (USGS) Rochester Quadrangle 7.5 Minute topographic map of the area, and recent survey work by others, the subject property elevation ranges from approximately el. 525 feet above mean sea level (amsl) to el. 518 along the eastern property line. Surface water drainage is generally to the south from the building. Stormwater catch basins exist in the streets adjacent to the Site.

Based on measured water levels in recently-installed groundwater monitoring wells, the direction of groundwater flow was toward the north and northeast during the period March through June 2012.

According to recent test borings by others, the native soils on the Site are identified as glacial till. A significant thickness of urban fill soil overlies the native soils; these soils generally consist of granular materials with variable mixtures or layers of ash, cinders, slag, brick concrete and other miscellaneous materals.

Bedrock underlying the subject property consists of dolostone of the Eramosa Formation (Lockport Group).

DP-1

Profile of General Population and Housing Characteristics: 2010

2010 Demographic Profile Data

NOTE: For more information on confidentiality protection, nonsampling error, and definitions, see http://www.census.gov/prod/cen2010/doc/dpsf.pdf.

Geography: Census Tract 96.01, Monroe County, New York

Subject	Number	Percent
SEX AND AGE		
Total population	1,543	100.0
Under 5 years	158	10.2
5 to 9 years	127	8.2
10 to 14 years	124	8.0
15 to 19 years	119	7.7
20 to 24 years	106	6.9
25 to 29 years	107	6.9
30 to 34 years	101	6.5
35 to 39 years	66	4.3
40 to 44 years	127	8.2
45 to 49 years	121	7.8
50 to 54 years	102	6.6
55 to 59 years	94	6.1
60 to 64 years	78	5.1
65 to 69 years	41	2.7
70 to 74 years	39	2.5
75 to 79 years	13	0.8
80 to 84 years	10	0.6
85 years and over	10	0.6
Median age (years)	31.1	(X)
16 years and over	1,105	71.6
18 years and over	1,061	68.8
21 years and over	991	64.2
62 years and over	150	9.7
65 years and over	113	7.3
Male population	760	49.3
Under 5 years	88	5.7
5 to 9 years	58	3.8
10 to 14 years	60	3.9
15 to 19 years	64	4.1
20 to 24 years	42	2.7
25 to 29 years	48	3.1
30 to 34 years	38	2.5
35 to 39 years	28	1.8
40 to 44 years	58	3.8
45 to 49 years	56	3.6
50 to 54 years	55	3.6
55 to 59 years	66	4.3
60 to 64 years	43	2.8
65 to 69 years	18	1.2
70 to 74 years	21	1.4
75 to 79 years	8	0.5
80 to 84 years	5	0.3
85 years and over	4	0.3

Subject	Number	Percent
Median age (years)	32.5	(X)
16 years and over	532	34.5
18 years and over	511	33.1
21 years and over	483	31.3
62 years and over	75	4.9
65 years and over	56	3.6
Female population	783	50.7
Under 5 years	70	4.5
5 to 9 years	69	4.5
10 to 14 years	64	4.1
15 to 19 years	55	3.6
20 to 24 years	64	4.1
25 to 29 years	59	3.8
30 to 34 years	63	4.1
35 to 39 years	38	2.5
40 to 44 years	69	4.5
45 to 49 years	65	4.2
50 to 54 years	47	3.0
55 to 59 years	28	1.8
60 to 64 years	35	2.3
65 to 69 years	23	1.5
70 to 74 years	18	1.2
75 to 79 years	5	0.3
80 to 84 years	5	0.3
85 years and over	6	0.4
Median age (years)	30.6	(X)
16 years and over	573	37.1
18 years and over	550	35.6
21 years and over	508	32.9
62 years and over	75	4.9
65 years and over	57	3.7
RACE		
Total population	1,543	100.0
One Race	1,492	96.7
White	162	10.5
Black or African American	1,266	82.0
American Indian and Alaska Native	2	0.1
Asian	11	0.7
Asian Indian	4	0.3
Chinese	3	0.2
Filipino	1	0.1
Japanese	0	0.0
Korean	0	0.0
Vietnamese	3	0.2
Other Asian [1]	0	0.0
Native Hawaiian and Other Pacific Islander	1	0.1
Native Hawaiian	0	0.0
Guamanian or Chamorro	0	0.0
Samoan	0	0.0
Other Pacific Islander [2]	1	0.1
Some Other Race	50	3.2
Two or More Races	51	3.3
White; American Indian and Alaska Native [3]	0	0.0
White; Asian [3]	0	0.0
White; Black or African American [3]	17	1.1
White; Some Other Race [3]	9	0.6
Race alone or in combination with one or more other races: [4]		
White	200	13.0
Black or African American	1,306	84.6
American Indian and Alaska Native	14	0.9

Subject	Number	Percent
Asian	18	1.2
Native Hawaiian and Other Pacific Islander	5	0.3
Some Other Race	66	4.3
HISPANIC OR LATINO		
Total population	1,543	100.0
Hispanic or Latino (of any race)	137	8.9
Mexican	5	0.3
Puerto Rican	117	7.6
Cuban	7	0.5
Other Hispanic or Latino [5]	8	0.5
Not Hispanic or Latino	1,406	91.1
HISPANIC OR LATINO AND RACE		
Total population	1,543	100.0
Hispanic or Latino	137	8.9
White alone	40	2.6
Black or African American alone	29	1.9
American Indian and Alaska Native alone	0	0.0
Asian alone	0	0.0
Native Hawaiian and Other Pacific Islander alone	0	0.0
Some Other Race alone	48	3.1
Two or More Races	20	1.3
Not Hispanic or Latino	1,406	91.1
White alone	122	7.9
Black or African American alone	1,237	80.2
American Indian and Alaska Native alone	2	0.1
Asian alone	11	0.7
Native Hawaiian and Other Pacific Islander alone	1	0.1
Some Other Race alone	2	0.1
Two or More Races	31	2.0
RELATIONSHIP		
Total population	1,543	100.0
In households	1,425	92.4
Householder	599	38.8
Spouse [6]	80	5.2
Child	547	35.5
Own child under 18 years	420	27.2
Other relatives	110	7.1
Under 18 years	52	3.4
65 years and over	11	0.7
Nonrelatives	89	5.8
Under 18 years	2	0.1
65 years and over	5	0.3
Unmarried partner	47	3.0
In group quarters	118	7.6
Institutionalized population	0	0.0
Male	0	0.0
Female	0	0.0
Noninstitutionalized population	118	7.6
Male	78	5.1
Female	40	2.6
HOUSEHOLDS BY TYPE		
Total households	599	100.0
Family households (families) [7]	330	55.1
With own children under 18 years	206	34.4
Husband-wife family	80	13.4
With own children under 18 years	38	6.3
Male householder, no wife present	41	6.8
With own children under 18 years	15	2.5
Female householder, no husband present	209	34.9
With own children under 18 years	153	25.5

Subject	Number	Percent
Nonfamily households [7]	269	44.9
Householder living alone	230	38.4
Male	136	22.7
65 years and over	18	3.0
Female	94	15.7
65 years and over	15	2.5
Households with individuals under 18 years	234	39.1
Households with individuals 65 years and over	87	14.5
Average household size	2.38	(X)
Average family size [7]	3.23	(X)
HOUSING OCCUPANCY		
Total housing units	740	100.0
Occupied housing units	599	80.9
Vacant housing units	141	19.1
For rent	69	9.3
Rented, not occupied	0	0.0
For sale only	7	0.9
Sold, not occupied	20	2.7
For seasonal, recreational, or occasional use	1	0.1
All other vacants	44	5.9
Homeowner vacancy rate (percent) [8]	3.9	(X)
Rental vacancy rate (percent) [9]	13.4	(X)
HOUSING TENURE		
Occupied housing units	599	100.0
Owner-occupied housing units	152	25.4
Population in owner-occupied housing units	402	(X)
Average household size of owner-occupied units	2.64	(X)
Renter-occupied housing units	447	74.6
Population in renter-occupied housing units	1,023	(X)
Average household size of renter-occupied units	2.29	(X)

X Not applicable.

[1] Other Asian alone, or two or more Asian categories.

[2] Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.

[3] One of the four most commonly reported multiple-race combinations nationwide in Census 2000.

[4] In combination with one or more of the other races listed. The six numbers may add to more than the total population, and the six percentages may add to more than 100 percent because individuals may report more than one race.

[5] This category is composed of people whose origins are from the Dominican Republic, Spain, and Spanish-speaking Central or South American countries. It also includes general origin responses such as "Latino" or "Hispanic."

[6] "Spouse" represents spouse of the householder. It does not reflect all spouses in a household. Responses of "same-sex spouse" were edited during processing to "unmarried partner."

[7] "Family households" consist of a householder and one or more other people related to the householder by birth, marriage, or adoption. They do not include same-sex married couples even if the marriage was performed in a state issuing marriage certificates for same-sex couples. Same-sex couple households are included in the family households category if there is at least one additional person related to the householder by birth or adoption. Same-sex couple households with no relatives of the householder present are tabulated in nonfamily households. "Nonfamily households" consist of people living alone and households which do not have any members related to the householder.

[8] The homeowner vacancy rate is the proportion of the homeowner inventory that is vacant "for sale." It is computed by dividing the total number of vacant units "for sale only" by the sum of owner-occupied units, vacant units that are "for sale only," and vacant units that have been sold but not yet occupied; and then multiplying by 100.

[9] The rental vacancy rate is the proportion of the rental inventory that is vacant "for rent." It is computed by dividing the total number of vacant units "for rent" by the sum of the renter-occupied units, vacant units that are "for rent," and vacant units that have been rented but not yet occupied; and then multiplying by 100.

Source: U.S. Census Bureau, 2010 Census.

DP03

SELECTED ECONOMIC CHARACTERISTICS

2006-2010 American Community Survey 5-Year Estimates

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Data and Documentation section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, for 2010, the 2010 Census provides the official counts of the population and housing units for the nation, states, counties, cities and towns. For 2006 to 2009, the Population Estimates Program provides intercensal estimates of the population for the nation, states, and counties.

Subject	Census Tract 96.01, Monroe County, New York			
	Estimate	Estimate Margin of Error	Percent	Percent Margin of Error
EMPLOYMENT STATUS				
Population 16 years and over	1,070	+/-218	1,070	(X)
In labor force	515	+/-154	48.1%	+/-13.3
Civilian labor force	515	+/-154	48.1%	+/-13.3
Employed	359	+/-121	33.6%	+/-10.6
Unemployed	156	+/-93	14.6%	+/-8.6
Armed Forces	0	+/-123	0.0%	+/-3.2
Not in labor force	555	+/-200	51.9%	+/-13.3
Civilian labor force	515	+/-154	515	(X)
Percent Unemployed	(X)	(X)	30.3%	+/-14.2
Females 16 years and over	492	+/-129	492	(X)
In labor force	203	+/-77	41.3%	+/-15.4
Civilian labor force	203	+/-77	41.3%	+/-15.4
Employed	139	+/-70	28.3%	+/-15.7
Own children under 6 years	99	+/-83	99	(X)
All parents in family in labor force	71	+/-68	71.7%	+/-36.6
Own children 6 to 17 years	184	+/-122	184	(X)
All parents in family in labor force	119	+/-97	64.7%	+/-44.4
COMMUTING TO WORK				
Workers 16 years and over	306	+/-122	306	(X)
Car, truck, or van -- drove alone	168	+/-98	54.9%	+/-24.7
Car, truck, or van -- carpooled	43	+/-47	14.1%	+/-14.7
Public transportation (excluding taxicab)	33	+/-39	10.8%	+/-12.0
Walked	62	+/-81	20.3%	+/-24.1
Other means	0	+/-123	0.0%	+/-10.8
Worked at home	0	+/-123	0.0%	+/-10.8
Mean travel time to work (minutes)	21.3	+/-9.1	(X)	(X)
OCCUPATION				
Civilian employed population 16 years and over	359	+/-121	359	(X)
Management, business, science, and arts occupations	31	+/-29	8.6%	+/-7.4
Service occupations	106	+/-71	29.5%	+/-18.4
Sales and office occupations	142	+/-96	39.6%	+/-20.3
Natural resources, construction, and maintenance occupations	26	+/-30	7.2%	+/-9.0

Subject	Census Tract 96.01, Monroe County, New York			
	Estimate	Estimate Margin of Error	Percent	Percent Margin of Error
Production, transportation, and material moving occupations	54	+/-54	15.0%	+/-13.9
INDUSTRY				
Civilian employed population 16 years and over	359	+/-121	359	(X)
Agriculture, forestry, fishing and hunting, and mining	0	+/-123	0.0%	+/-9.3
Construction	26	+/-30	7.2%	+/-9.0
Manufacturing	40	+/-38	11.1%	+/-10.5
Wholesale trade	0	+/-123	0.0%	+/-9.3
Retail trade	100	+/-86	27.9%	+/-20.2
Transportation and warehousing, and utilities	0	+/-123	0.0%	+/-9.3
Information	11	+/-20	3.1%	+/-5.3
Finance and insurance, and real estate and rental and leasing	0	+/-123	0.0%	+/-9.3
Professional, scientific, and management, and administrative and waste management services	35	+/-43	9.7%	+/-11.6
Educational services, and health care and social assistance	113	+/-69	31.5%	+/-16.6
Arts, entertainment, and recreation, and accommodation and food services	22	+/-36	6.1%	+/-9.6
Other services, except public administration	12	+/-20	3.3%	+/-5.6
Public administration	0	+/-123	0.0%	+/-9.3
CLASS OF WORKER				
Civilian employed population 16 years and over	359	+/-121	359	(X)
Private wage and salary workers	337	+/-117	93.9%	+/-6.8
Government workers	22	+/-25	6.1%	+/-6.8
Self-employed in own not incorporated business workers	0	+/-123	0.0%	+/-9.3
Unpaid family workers	0	+/-123	0.0%	+/-9.3
INCOME AND BENEFITS (IN 2010 INFLATION-ADJUSTED DOLLARS)				
Total households	518	+/-85	518	(X)
Less than $10,000	182	+/-80	35.1%	+/-12.6
$10,000 to $14,999	37	+/-32	7.1%	+/-6.2
$15,000 to $24,999	85	+/-53	16.4%	+/-10.4
$25,000 to $34,999	35	+/-42	6.8%	+/-7.8
$35,000 to $49,999	94	+/-57	18.1%	+/-11.4
$50,000 to $74,999	63	+/-50	12.2%	+/-9.5
$75,000 to $99,999	0	+/-123	0.0%	+/-6.5
$100,000 to $149,999	0	+/-123	0.0%	+/-6.5
$150,000 to $199,999	22	+/-31	4.2%	+/-5.8
$200,000 or more	0	+/-123	0.0%	+/-6.5
Median household income (dollars)	20,833	+/-8,043	(X)	(X)
Mean household income (dollars)	30,073	+/-8,307	(X)	(X)
With earnings	308	+/-83	59.5%	+/-14.0
Mean earnings (dollars)	23,798	+/-6,585	(X)	(X)
With Social Security	115	+/-38	22.2%	+/-7.3
Mean Social Security income (dollars)	22,507	+/-6,423	(X)	(X)
With retirement income	122	+/-46	23.6%	+/-8.1
Mean retirement income (dollars)	16,516	+/-7,267	(X)	(X)
With Supplemental Security Income	68	+/-53	13.1%	+/-10.5
Mean Supplemental Security Income (dollars)	10,057	+/-3,800	(X)	(X)
With cash public assistance income	196	+/-89	37.8%	+/-15.8
Mean cash public assistance income (dollars)	2,466	+/-1,120	(X)	(X)
With Food Stamp/SNAP benefits in the past 12 months	276	+/-91	53.3%	+/-14.5
Families	293	+/-81	293	(X)
Less than $10,000	76	+/-52	25.9%	+/-15.0
$10,000 to $14,999	8	+/-13	2.7%	+/-4.4
$15,000 to $24,999	67	+/-50	22.9%	+/-17.9
$25,000 to $34,999	24	+/-38	8.2%	+/-12.8
$35,000 to $49,999	42	+/-39	14.3%	+/-13.0
$50,000 to $74,999	54	+/-51	18.4%	+/-16.2

Subject	Census Tract 96.01, Monroe County, New York			
	Estimate	Estimate Margin of Error	Percent	Percent Margin of Error
$75,000 to $99,999	0	+/-123	0.0%	+/-11.2
$100,000 to $149,999	0	+/-123	0.0%	+/-11.2
$150,000 to $199,999	22	+/-31	7.5%	+/-10.2
$200,000 or more	0	+/-123	0.0%	+/-11.2
Median family income (dollars)	24,438	+/-6,993	(X)	(X)
Mean family income (dollars)	38,142	+/-13,195	(X)	(X)
Per capita income (dollars)	12,160	+/-3,786	(X)	(X)
Nonfamily households	225	+/-77	225	(X)
Median nonfamily income (dollars)	9,646	+/-7,526	(X)	(X)
Mean nonfamily income (dollars)	17,492	+/-6,227	(X)	(X)
Median earnings for workers (dollars)	12,401	+/-12,355	(X)	(X)
Median earnings for male full-time, year-round workers (dollars)	21,336	+/-3,849	(X)	(X)
Median earnings for female full-time, year-round workers (dollars)	35,096	+/-17,744	(X)	(X)
HEALTH INSURANCE COVERAGE				
Civilian noninstitutionalized population	(X)	(X)	(X)	(X)
With health insurance coverage	(X)	(X)	(X)	(X)
With private health insurance	(X)	(X)	(X)	(X)
With public coverage	(X)	(X)	(X)	(X)
No health insurance coverage	(X)	(X)	(X)	(X)
Civilian noninstitutionalized population under 18 years	(X)	(X)	(X)	(X)
No health insurance coverage	(X)	(X)	(X)	(X)
Civilian noninstitutionalized population 18 to 64 years	(X)	(X)	(X)	(X)
In labor force:	(X)	(X)	(X)	(X)
Employed:	(X)	(X)	(X)	(X)
With health insurance coverage	(X)	(X)	(X)	(X)
With private health insurance	(X)	(X)	(X)	(X)
With public coverage	(X)	(X)	(X)	(X)
No health insurance coverage	(X)	(X)	(X)	(X)
Unemployed:	(X)	(X)	(X)	(X)
With health insurance coverage	(X)	(X)	(X)	(X)
With private health insurance	(X)	(X)	(X)	(X)
With public coverage	(X)	(X)	(X)	(X)
No health insurance coverage	(X)	(X)	(X)	(X)
Not in labor force:	(X)	(X)	(X)	(X)
With health insurance coverage	(X)	(X)	(X)	(X)
With private health insurance	(X)	(X)	(X)	(X)
With public coverage	(X)	(X)	(X)	(X)
No health insurance coverage	(X)	(X)	(X)	(X)
PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL				
All families	(X)	(X)	35.5%	+/-15.5
With related children under 18 years	(X)	(X)	42.4%	+/-28.7
With related children under 5 years only	(X)	(X)	35.7%	+/-50.2
Married couple families	(X)	(X)	0.0%	+/-44.9
With related children under 18 years	(X)	(X)	0.0%	+/-88.8
With related children under 5 years only	(X)	(X)	0.0%	+/-88.8
Families with female householder, no husband present	(X)	(X)	56.5%	+/-25.8
With related children under 18 years	(X)	(X)	53.3%	+/-33.8
With related children under 5 years only	(X)	(X)	50.0%	+/-50.0
All people	(X)	(X)	40.9%	+/-13.5
Under 18 years	(X)	(X)	60.7%	+/-31.1
Related children under 18 years	(X)	(X)	60.7%	+/-31.1
Related children under 5 years	(X)	(X)	47.6%	+/-46.1
Related children 5 to 17 years	(X)	(X)	65.6%	+/-33.1
18 years and over	(X)	(X)	35.0%	+/-10.2
18 to 64 years	(X)	(X)	41.3%	+/-12.3

Subject	Census Tract 96.01, Monroe County, New York			
	Estimate	Estimate Margin of Error	Percent	Percent Margin of Error
65 years and over	(X)	(X)	0.0%	+/-20.4
People in families	(X)	(X)	35.6%	+/-16.3
Unrelated individuals 15 years and over	(X)	(X)	57.9%	+/-18.4

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

There were changes in the edit between 2009 and 2010 regarding Supplemental Security Income (SSI) and Social Security. The changes in the edit loosened restrictions on disability requirements for receipt of SSI resulting in an increase in the total number of SSI recipients in the American Community Survey. The changes also loosened restrictions on possible reported monthly amounts in Social Security income resulting in higher Social Security aggregate amounts. These results more closely match administrative counts compiled by the Social Security Administration.

Workers include members of the Armed Forces and civilians who were at work last week.

Industry codes are 4-digit codes and are based on the North American Industry Classification System 2007. The Industry categories adhere to the guidelines issued in Clarification Memorandum No. 2, "NAICS Alternate Aggregation Structure for Use By U.S. Statistical Agencies," issued by the Office of Management and Budget.

Occupation codes are 4-digit codes and are based on the Standard Occupational Classification (SOC) 2010. The 2010 Census occupation codes were updated in accordance with the 2010 revision of the SOC. To allow for the creation of 2006-2010 and 2008-2010 tables, occupation data in the multiyear files (2006-2010 and 2008-2010) were recoded to 2010 Census occupation codes. We recommend using caution when comparing data coded using 2010 Census occupation codes with data coded using previous Census occupation codes. For more information on the Census occupation code changes, please visit our website at http://www.census.gov/hhes/www/ioindex/.

While the 2006-2010 American Community Survey (ACS) data generally reflect the December 2009 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

Estimates of urban and rural population, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2000 data. Boundaries for urban areas have not been updated since Census 2000. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Source: U.S. Census Bureau, 2006-2010 American Community Survey

Explanation of Symbols:

1. An '**' entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
2. An '-' entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.
3. An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.
4. An '+' following a median estimate means the median falls in the upper interval of an open-ended distribution.
5. An '***' entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
6. An '*****' entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
7. An 'N' entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.
8. An '(X)' means that the estimate is not applicable or not available.

City of Rochester
City Hall Room 125B, 30 Church Street
Rochester, New York 14614-1290
www.cityofrochester.gov

Rochester Preservation Board

February 3, 2012

Mr. Gary Smith
Parrone Engineering
349 W. Commercial Street, Suite 3200
East Rochester, NY 14445

Ms. Gillian Conde
DePaul Properties, LLC
1931 Buffalo Road
Rochester, NY 14624

NOTICE OF DECISION

IN THE MATTER OF THE REQUEST FOR A CERTIFICATE OF APPROPRIATENESS:
To modify the design of a 72-unit multi-family housing facility to address requests of a federal historic preservation review.

ON THE PREMISES AT: 33 Litchfield Street

ZONING DISTRICT: CCD-C Center City Design–Cascade-Canal District
Susan B. Anthony Preservation District

APPLICATION NUMBER: A-034-10-11

RECORD OF VOTE(S:

As presented sans trash enclosure		Hold on trash enclosure	
D. Beardslee	Approved (motion)	D. Beardslee	Approved (motion)
M. Tilton	Approved (second)	M. Tilton	Approved (second)
J. Schick	Approved	M. Warfield	Approved
P. McAndrew	Approved	B. McLear	Approved
M. Warfield	Approved	J. Schick	Denied
B. McLear	Approved	P. McAndrew	Denied
B. Mayer	Absent	B. Mayer	Absent

PLEASE TAKE NOTICE that at the Rochester Preservation Board meeting held February 1, 2012, the application was APPROVED IN PART and HELD IN PART, as noted in the attached resolution.

ROCHESTER PRESERVATION BOARD

By: _____
Marcia Barry
Director of Planning & Zoning

Filing Date:

I. FINDINGS OF FACT:

A. In reviewing applications for certificates of appropriateness in a preservation district, the Preservation Board shall consider quality of design and quality of site development in terms of its relationship to the street, building facades and the overall character of the neighborhood.

B. Architect Rob Fornataro and engineer Gary Smith testified that the National Park Service, in its review relative to the federal historic tax credits, found that the earlier design negatively affected the historic building. Specifically, the NPS found that the entrance courtyard would displace an existing atrium, and the handicap ramp and retaining wall would block sightlines to the building. As a result, the design has been altered in the following ways:

1. The atrium roof will be salvaged and restored, and the space beneath it used for an entry vestibule and meeting space;
2. The entry will be into the basement level rather than the first floor;
3. The grade in front (south) of the building will be lowered rather than raised, and will be below the levels of Clark Alley and Litchfield Street;
4. The handicap ramp will be eliminated;
5. The height of the retaining wall will be reduced;
6. The trash enclosure will be moved farther out from the building and will be dropped about 3';
7. Space freed up by retaining the atrium will be used for four additional apartments, although the total number of residents will remain the same.
8. One parking space has been added.

C. Mr. Fornataro explained that exterior lighting will be rather simple, with a few lighted bollards near the entry and downlights in the entry canopy. The retaining wall will not be illuminated from within as previously designed, but both faces will be metal. Member D. Beardslee commented that the lettering for "The Carriage Factory" could be better coordinated with the character of the building.

D. Neighbor Barbara Hoffman once again stated the support of the neighborhood for the project.

E. Neighbor Rob Sutliffe testified that he is concerned about the trash enclosure and pick up. His house is directly on Clark Alley, as are others nearby, and he worries about odors and noise. He also expressed concern about current conditions on the site, including the chain link fence along the alley.

F. Mr. Smith explained that the base of the trash enclosure will be lower by about 3' than initially planned, due to the required grade changes. The walls will be about 8' tall, and the top will be open to the sky, but that neighbors will not be able to see inside. Trash would be picked up only during the day. He also explained that the property is not yet owned by DePaul, but that the fence will be replaced with a decorative metal fence once the project commences.

G. The Board expressed disappointment that the design had lost some of the flair of the earlier design but expressed understanding of the NPS reasoning. The Board found that the changes are appropriate to the historic visual character of the property and the preservation district, but expressed concern about the trash. The Board asked that the applicants return to the March hearing with revisions to the enclosure and/or the operations of trash pick up. The Board also requested final lighting details.

II. RESOLUTIONS:
Therefore, based on the findings of fact and for the reasons set forth, **BE IT RESOLVED** that the Rochester Preservation Board APPROVED the revised design except for the trash enclosure.

III. EVIDENCE:
A - Application
B - Site plan
C - Rendering of building entry
D - Appearances by Rob Fornataro, Gary Smith, Barbara Hoffman and Rob Sutliffe
E - Site visits by Board members

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Historic Resources

October 19, 2012

Disclaimer: This map was prepared by the New York State Parks, Recreation and Historic Preservation National Register Listing Internet Application. The information was compiled using the most current data available. It is deemed accurate, but is not guaranteed.

Stantec Consulting Services Inc.
61 Commercial Street
Rochester NY 14614
Tel: (585) 475-1440
Fax: (585) 272-1814

October 5, 2012
File: 190500751

NYSDEC-DFWMR
NY Natural Heritage Program-Information Services
625 Broadway, 5th Floor
Albany, NY 12233-4757

Reference: **Brownfield Cleanup Program Application**
Carriage Factory
33 Litchfield Street
City of Rochester, Monroe County, New York

Dear Sir or Madam:

On behalf of The DePaul Group Inc. and Carriage Factory Special Needs Apartments, L.P., Stantec Consulting Services Inc. is preparing an application to enter the Carriage Factory site referenced above in the New York State Department of Environmental Conservation's Brownfields Cleanup Program (NYSDEC BCP). A requirement of the BCP application is that important natural resources present at the site and in the surrounding ½-mile area be identified. I am therefore writing to request information on any records of rare species or significant natural communities in your databases which may be impacted by the project.

The first step of the proposed project will involve a remedial investigation of soil and groundwater at the site. Depending on the results of the remedial investigation, the project may involve soil or groundwater remediation activities.

The current land use at the project site is an idle (vacant) factory building and parking lot that was operated beginning circa 1910. At present, future plans call for renovation of the building into housing for special needs and low income individuals after the BCP remedial program is completed.

The 1.5-acre project site is entirely located in the City of Rochester in Monroe County. A map based on the 7½ minute U.S.G.S. topographical map of the area and showing the site location and boundaries is attached.

Thank you in advance for your assistance. If you have any questions, please contact me using the contact information shown below.

Sincerely,

STANTEC CONSULTING SERVICES INC.

Dorothy Bauch-Barker
Environmental Geologist
Tel: (585) 413-5276
Fax: (585) 272-1814
Dorothy.bauchbarker@stantec.com

Attachment: Site Location Map

U:\190500751\report\BCP App\NatHeritageLet.docx

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Fish, Wildlife & Marine Resources
New York Natural Heritage Program
625 Broadway, 5th Floor, Albany, New York 12233-4757
Phone: (518) 402-8935 • **Fax:** (518) 402-8925
Website: www.dec.ny.gov

Joe Martens
Commissioner

October 16, 2012

Dorothy Bauch Barker
Stantec Services
61 Commercial Street
Rochester, NY 14614

Dear Ms. Barker:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to an Environmental Assessment for a Brownfield Cleanup Program – Carriage Factory site – area as indicated on the map you sent, located at 33 Litchfield Street, City of Rochester, Monroe County.

Enclosed is a report of rare or state-listed animals and plants, and significant natural communities, which our database indicates occur, or may occur, on your site or in the immediate vicinity of your site. For most sites, comprehensive field surveys have not been conducted; the enclosed report only includes records from our databases. We cannot provide a definitive statement as to the presence or absence of all rare or state-listed species or significant natural communities. This information should not be substituted for on-site surveys that may be required for environmental impact assessment.

The enclosed report may be included in documents that will be available to the public. However, any enclosed maps displaying locations of rare species are considered sensitive information, and are intended only for the internal use of the recipient; they should not be included in any document that will be made available to the public, without permission from the New York Natural Heritage Program.

The presence of the plants and animals identified in the enclosed report may result in this project requiring additional review or permit conditions. For further guidance, and for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the appropriate NYS DEC Regional Office, Division of Environmental Permits, as listed at www.dec.ny.gov/about/39381.html.

Our databases are continually growing as records are added and updated. If this proposed project is still under development one year from now, we recommend that you contact us again so that we may update this response with the most current information.

Sincerely,

Jean Pietrusiak, Information Services
NYS Department Environmental Conservation

Enc.
cc: Reg. 8, Wildlife Mgr.

981

The following state-listed animals have been documented at your project site, or in its vicinity.

The following list includes animals that are listed by NYS as Endangered, Threatened, or Special Concern; and/or that are federally listed or are candidates for federal listing. The list may also include significant natural communities that can serve as habitat for Endangered or Threatened animals, and/or other rare animals and rare plants found at these habitats.

For information about potential impacts of your project on these populations, how to avoid, minimize, or mitigate any impacts, and any permit considerations, contact the Wildlife Manager or the Fisheries Manager at the NYSDEC Regional Office for the region where the project is located. A listing of Regional Offices is at http://www.dec.ny.gov/about/558.html.

The following species and habitats have been documented at or near the project site, generally within 0.5 mile. Potential onsite and offsite impacts from the project may need to be addressed.

COMMON NAME	*SCIENTIFIC NAME*	*NY STATE LISTING*	*FEDERAL LISTING*	
Birds				
Peregrine Falcon *Breeding*	*Falco peregrinus*	Endangered		9340

This report only includes records from the NY Natural Heritage databases. For most sites, comprehensive field surveys have not been conducted, and we cannot provide a definitive statement as to the presence or absence of all rare or state-listed species. This information should not be substituted for on-site surveys that may be required for environmental impact assessment.

If any rare plants or animals are documented during site visits, we request that information on the observations be provided to the New York Natural Heritage Program so that we may update our database.

Information about many of the listed animals in New York, including habitat, biology, identification, conservation, and management, are available online in Natural Heritage's Conservation Guides at www.guides.nynhp.org, and from NYSDEC at http://www.dec.ny.gov/animals/7494.

Information about many of the rare plants and animals, and natural community types, in New York are available online in Natural Heritage's Conservation Guides at www.guides.nynhp.org, and from NatureServe Explorer at http://www.natureserve.org/explorer.

Attachment H

Copies of Previous Environmental Reports

(Supplemental Information for Attachment D)

PHASE I

ENVIRONMENTAL SITE ASSESSMENT

33 Litchfield Street

Rochester, NY 14608

FINAL REPORT

Prepared For:

DePaul Group, Inc.

1931 Buffalo Road
Rochester, NY 14624

Prepared By:

Development & Environmental Consultants, Inc.

P.O. Box 249
Hamburg, NY 14075
(716) 639-5958 ■ Fax: (716) 980-0850

September, 2010

1.0 Executive Summary

Mr. Michael Loftus, of the DePaul Group, Inc. commissioned Development & Environmental Consultants, Inc. to conduct a Phase I Environmental Site Assessment of one (1) parcel of real property located at 33 Litchfield Street, Section, Block & Lot number (SBL) 120.36-2-20, in the City of Rochester, County of Monroe and State of New York.

The purpose of this report is to determine factors related to Environmental Liability, Risk and Exposure to the afore mentioned client, DePaul Group, Inc.

The target parcel encompasses approximately 1.50± ac. in area. The site is located in the Rochester, NY Quadrangle, as stipulated by the United States Geological Survey (USGS) Topographic Map system dated 1985, at Longitude -77.625789 and Latitude of 43.154282. The elevation of the site is approximately five hundred and sixteen (516) National Gravitational Vertical Datum (NGVD). A location drawing is presented in Appendix-A, Figures, Figure-1, Location.

There is one (1) brick walled building, with wood frame, floors and roof structure located on the northern margin of the parcel. The building is four (4) stories in elevation form the street interval, with a basement elevation one (1) story below grade. The basement floor is poured concrete. The interior of the facility is predominantly configured as former manufacturing area and office space. The facility contains one (1) freight elevator. The buildings construction date is circa 1910 and the facility encompass an aggregate area of 78, 060± sq. ft.

Slope of the site is approximately 0 - 5% from the southern wall sloping south and down gradient from the building continuing south to the properties southern most margin. The western margin of the site at grade with Clark Alley. The eastern area of the site is up-gradient of the road bed of Lichfield Street at the northern intersection of the building, meeting native eastern, southeastern and southwestern topographical elevations. A Site Map is presented in Appendix-A, Figures, Figure-1, Site Map.

The local transportation network is made up of Litchfield Street, a two (2) lane local access road traversing north and south from West Main Street, ending just north of the target, forming the eastern margin of the parcel. Wiley Street a two (2) lane local access street traversing east and west from the intersection of Wiley and Litchfield Streets and forms the target parcels northern margin. Clark Alley is one (1) lane in width and traverses north and south along the parcels western margin, at the southern end of Clark Alley, the roadway splits and traverses east to Litchfield and west to King Street. Finally the southern margin of the parcel is located in a macadam parking area located contiguously south of Clark Alley.

Current zoning of the Litchfield Street parcel is Center City District (CCD).

Community character is established as manufacturing/warehousing north, east, and southeast with commercial and retail land uses further south along the West Main Street corridor. The western and northwestern land uses are predominantly single and multi-family residential intermixed with sparsely populated neighborhood businesses.

Public Utilities are currently available to the subject parcel, including potable water, natural gas, electrical energy and sanitary/storm water sewer services. Sanitary and storm sewer services are provided by the City of Rochester, potable and fire protection water is provided by the County of Monroe. Natural gas and electrical energy are provided by Rochester Gas & Electric. All of the above service providers are publicly operated entities, all service, maintenance and systems operations are the responsibility of the individual service provider.

One (1) pole mounted transformer cluster is located near the southwestern corner of the building. The pole is a subset extension of Litchfield Street Pole #7. Observed were three (3) can type transformers.

Soils on-site and general area have not been detailed by the US Natural Resources Conservation Service as the area is defined as Urban Land. Bedrock shale deposits are anticipated to be encountered within 10 to 15 ft. below ground surface (bgs).

Ground water is expected to flow east and southeast, based on local topology.

Current use of the site is vacant manufacturing and grassed areas with intermittent macadam areas indicative of the facilities former parking lot.

Sanborn, Fire Insurance Maps, and Historical Aerial Photographs located in Appendix-C and Appendix-D respectively were reviewed. Further discussions are presented in Sections 4.4.1 and 4.4.2 of this report.

The review of Federal, State and local database resources has determined 84 Listed sites are located within the prescribed search radius as provided for by the American Society for Testing and Materials, method E-1527-05, Standard Practice for Environmental Site Assessments: Phase I Site Assessment Process.

The number of notifiers in each database, and the regulatory program identifiers are as follows:

Federal Databases: there is one (1) Comprehensive Emergency Response Compensation and Liability Act (CERCLIS) notifier(s), 23 Resource Conservation and Recovery Act (RCRA) notifier(s), one (1) Federal Brownfield (FED-BROWNFIELD) notifier, one (1) Emergency Response Notification System (ERNS) notifier(s), and four (4) Tribal Lands (TRIBALLANDS) notifier(s)

State Databases: there are 13 State Tribal Site notifier(s), 10 Spill1990 sites, 20 State/Tribal Leaking Underground Storage Tanks (LUST) notifier(s), and six (6) State/Tribal Registered Underground /Aboveground Storage Tank (UST/AST) sites. Two (2) State voluntary Cleanup (VCP) notifier(s), and one (1) State Tribal Brownfield (BROWNFIELD) notifier.

On 6 December 1990, a representative of NYS Department of Environmental Conservation (DEC) , The Monroe County Health Department and the Rochester Fire Department responded to a report of an abandon 55 Gallon Drum located on a macadam surface on the parcel. The spill was closed by DEC on 2 Frebruary1991. More information is provided in Section 4.8, Listed Spill Sites, and the FieldCheck report presented in Appendix-E, Database Documentation.

The information generated from the performed assessment indicated there are known potential recognized environmental conditions (REC's) that should be brought to the attention of the client/user for his assessment, further information and analysis are presented in Section 6.0 Conclusions, and Section 7.0 Recommendations.

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2.0 Introduction

2.1 Purpose

The objective of the Phase I Environmental Investigation is to determine environmental risk and liability associated with the subject parcels current, historical, and neighboring land use profile(s).

This investigation has considered all contiguous neighboring facilities regarding historical and/or current operations with the potential to compromise environmental integrity to the subject site.

This report has been prepared using the following method in accordance with the guidelines established by the American Society of Testing and Materials (ASTM) Document method E-1527-05, Standard Practice for Environmental Site Assessments: Phase I Site Assessment Process Guidance Manual, and conforms or exceeds those requirements set forth in 40 CFR Part 312 Innocent Landowners, Standards for Conducting All Appropriate Inquiries, including but not limited to the following sources:

A site inspection, including an inspection of the existing site.
An interview with the property owner(s) and/or their designated representative(s).
A review of tax records at the City of Rochester.
A review of federal and state databases.
A review of historical aerial photographs provided by FirstSearch Technologies.
All appropriate inquires as deemed necessary or prudent in the spirit of the regulatory and guidance frame work.

2.2 Limitations

This report has been prepared for the exclusive use of the DePaul Group, Inc., and represented as the professional opinion and judgement upon DECI's knowledge and the data collected during the Phase I Assessment. DECI's observations, findings, and opinions must not be considered scientific certainties, but only as opinion based on professional judgement concerning the significance of the data gathered during the course of the assessment. Specifically, DECI does not and cannot represent that the site contains no hazardous or toxic materials, asbestos, or other latent condition beyond that observed by DECI during the site assessment. Further investigation and testing of the site could better define the actual environmental condition of the property, but would be limited to the actual testing locations from which samples were analyzed and may not apply to the site as a whole.

The information generated from the performed assessment indicated there are known potential environmental recognized conditions which should be brought to the attention of the client/user for his assessment, further information and analysis are presented in Section 6.0 Conclusions, and Section 7.0 Recommendations.

In performing professional services, DECI used the degree of care and skill exercised under similar circumstances by members of the environmental profession practicing in the same or similar locality under similar conditions. The standard of care shall be judged exclusively as of the time these services are rendered, and not according to later standards. DECI makes no express or implied warranty beyond its conformance to this standard.

DECI shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed for this report. DECI does not accept responsibility for any misinformation supplied by outside sources. DECI believes that all information contained in the report to be factual, however no guarantee is made or implied. DECI shall not be responsible for any loss, damage, or liability arising from negligence of the client or others in the interpretation or use of this assessment. The facts and conditions referenced in this report may change over time. The conclusions and recommendations set forth herein are applicable only to the fact and conditions as described at the time of this report.

This report is given and exclusively made for the benefit of DePaul Group, or any direct assignee, and is not for use or benefit of, nor may it be relied upon or utilized by, any other person or entity whatsoever. The content of this report may not be quoted in whole or in part, this report may not be reproduced by any means, nor distributed to or utilized by any other person or entity whatsoever without the expressed advance written consent of DECI.

3.0 Site Description

3.1 Location

The target parcel encompasses approximately 1.50± ac. in area. The site is located in the Rochester, NY Quadrangle, as stipulated by the United States Geological Survey (USGS) Topographic Map system dated 1985, at Longitude -77.625789 and Latitude of 43.154282. The elevation of the site is approximately five hundred and sixteen (516) National Gravitational Vertical Datum (NGVD). A location drawing is presented in Appendix-A, Figure-1, Location.

3.2 Current Ownership / Legal Description

A comprehensive search of previous ownership of each parcel was not completed during this investigation. This investigation considered information on file with the City of Rochester's Assessors Office, and the respective Property Card on file.

Rochester Rentals LLC.	12/2007 to present
Woods Charles & Mary	01/1982

legal descriptions for the parcels were not available at the time of the authoring of this report.

3.3 Site Vicinity Characteristics

Community character is established as manufacturing/warehousing north, east, and southeast with commercial and retail land uses further south along the West Main Street corridor. The western and northwestern land uses are predominantly single and multi-family residential with neighborhood business establishments.

Current zoning of the Litchfield Street parcel is Center City District (CCD).

The local transportation network is made up of Litchfield Street, a two (2) lane local access road traversing north and south from West Main Street, ending just north of the target, forming the eastern margin of the parcel. Wiley Street a two (2) lane local access street traversing west from the intersection of Wiley and Litchfield Streets and forms the target parcels northern margin. Clark Alley is one (1) lane in width and traverses north and south along the parcels western margin, at the southern end of Clark Alley, the roadway splits traversing east to Litchfield and west to King Street. Finally the northern margin of the parcel is located in a macadam parking area located contiguously south of Clark Alley. A site plan of the target parcel is presented in Appendix-A, Figure 2, Site Plan.

Public Utilities are available to the subject parcel and neighboring community, including potable water, natural gas, electrical energy and sanitary/storm water sewer services. Sanitary and storm sewer services are provided by the City of Rochester, potable and fire protection water is provided by the County of Monroe. Natural gas and electrical energy are provided by Rochester Gas & Electric. All of the above service providers are publicly operated entities, all service, maintenance and systems operations are the responsibility of the individual service provider.

3.4 Description of Structures and Other Site Improvements

The site contains one (1) brick walled building, with wood frame, floors and roof structure located on the

northern margin of the parcel. The building is four (4) stories in elevation form the street interval, with a basement elevation one (1) story below grade. The basement floor is poured concrete. The interior of the facility is predominantly configured as former manufacturing area and office space. The facility contains one (1) freight elevator. The buildings construction date is circa 1910 and the facility encompass an aggregate area of 78, 060± sq. ft.

Slope of the site is approximately 0-5% from the southern wall sloping south and down gradient from the building continuing south to the properties southern most margin. The western margin of the site at grade with Clark Alley. The eastern area of the site is up-gradient of the road bed of Lichfield Street at the northern intersection of the building, meeting native eastern, southeastern and southwestern topographical elevations.

3.5 Environmental Liens or Specialized Knowledge

There are no known recorded environmental liens, violations of environmental laws, enforcement actions, or pending environmental administrative or legal actions recorded for this site.

Specialized knowledge of the Litchfield Street parcel has been determined as a result of information reported in the NYSDEC Spills Database. Further discussion and analysis is provided in Section 4.8, Listed Spill Sites below.

4.0 Information from Site Reconnaissance and Interview

A representative of DECI conducted a site, building walk and area reconnaissance investigation on August 18, 2010. The following information was obtained from observations made during the site visit.

It should be noted that the building was not under power during the walk-through of the facility. Consequently, no lighting was available in various areas of the building, of note, the basement, limiting the consultants ability to thoroughly evaluate unlighted areas for potential concerns.

4.1 Exterior Observations

The site is represented as 1.51 acres in area, the building foot print is calculated as 17,748± sq. ft. and located on the northern margin of the site. The remaining area of the site is a combination of a fenced in former parking lot, grassed areas, loading dock and beyond the southern fence line, an open macadam parking lot.

The site contains one (1) brick walled building, with wood frame, floors and roof structure located on the northern margin of the parcel. The building is four (4) stories in elevation form the street interval, with a basement elevation one (1) story below grade.

4.2 Interior Observations

It should be noted the condition of the building has deteriorated over the years. Roof structural failure rendered the third floor unaccessible during the walk through. In addition other areas of the building were observed to have suffered weathering as a result exposure and poor maintenance for several years.

The interior of the building as discussed earlier is brick wall, wood frame, floors and roof structure typical of 1910 era manufacturing and office space facilities. The basement floor is poured concrete. The facility contains one (1) freight elevator.

4.3 Current Uses of the Property

Vacant Industrial property.

4.4 Past Property Uses

Past property uses of the site circa 1892 were that of residential facilities in the area of where the existing building foot print was established during the construction event of 1910. The existing southern area of the site has historically remained outdoor storage. Form the existing fence line south to West Main Street are residential land uses.

Historical operations conducted in the facility, were that of automotive parts manufacturing. Research suggests the facility manufactured wood trim and/or accent related products. The manufacturing process included rough stock handling, a machine shop and spray painting operations in the basement of the facility. The first floor housed the assumed product machining operations. The second floor Assembly and Tool Room, the third floor operated as finish stock and the fourth floor contained the pattern shop and experimental department operations.

In 1971 Sanborn maps detail operation of the first floor of the facility as Statewide Machinery, Inc. Manufactures of washers and dryers. There is one (1) spray booth detailed in the southwestern corner of the facility.

4.4.1 Current and Past Uses of Adjoining Properties - Sanborn Map Research

Sanborn maps were reviewed for the years 1971, 1950, 1912 and 1892 respectively. Copies of the maps are presented in Appendix-C, Sanborn Maps.

The 1971 map details the site and general area as it is currently configured. The first floor of the facility is Statewide Machinery, a manufacturer of washers and dryers. North of the target is a warehouse facility, west and southwest are a food pasta manufacturer, packaging distributor/manufacturer operation, a Rochester Gas and Electric office and maintenance facility, and the Puzzel Print Cutting Co. south of the site is a macadam parking lot and a dry goods warehouse. West of the target is residential land use.

The 1950 map shows the site and general area as configured on the 1971 map. The building and site are now determined as the James Cunningham Son & Company Manufacturers of Automobile Hardware. North is a warehouse facility, east and southeast is a food grade pasta manufacturer, which has acquired the area of the former packaging distributor/manufacturer operation, a Rochester Gas and Electric office and maintenance facility, and the former Puzzel Print Cutting Co., now operating as a James Cunningham & Sons manufacturing facility. South of the site is a macadam parking lot, a private garage and a dry goods warehouse. West of the target is observed as Clark Alley and residential land use.

The 1912 maps shows the site as James Cunningham Son & Company Manufacturers of Automobiles. North of the site is one (1) residential structure, now known as Wiley Street. Further north of the residential parcel, is St. Peter & Pauls Parochial School and various support buildings. Northeast are residential land uses, east is Utz and Dunn Company a manufacturer of footware, southeast is a Rochester Gas and Electric office and maintenance facility, and the James Cunningham & Sons manufacturing facility. South of the target site is a macadam parking lot, a private dwelling and garage and a dry goods warehouse. West of the target is residential land use. The souther area of the Cunningham site, now observed as areas of macadam and grassed surface coverings, is observed as outdoor lumber storage racks. It is un-known if the storage racks are used in support of the manufacturing operation.

The 1892 map shows the area as residential parcels where the current building is located. The area currently known as Wiley Street is a residential structure, and further north is viewed the St. Peter and Paul school campus. The area of the target site that is currently fenced in open-space, is detailed as a combination of Lumber Yard vertical storage racks and shed structures. It assumed the lumber storage observed on the target on this map is part and parcel of the Wm, B. Morse and Company lumber yard located east of the target site, one (1) city block away from their main facility on Canal Street.

Southern neighboring parcels are residential in nature south to west Avenue, now known as West Main Street. Northeast and east of the target is observed as residential and southeast is the James Cunningham

& Son and Co, Carriage Works Manufacturing facility.

4.4.2 Current and Past Uses of Adjoining Properties - Aerial Photograph Research

Historical Aerial photographs were reviewed for the years 2009, 1994, 1985, 1971, 1958 and 1938 respectively. Copies of the photographs are presented in Appendix-D, Aerial Photographs.

The 2009 photograph details the site and general area as it is currently observed and configured. North of the target site is a warehouse structure, contiguously north of that facility is a railroad siding and trunk corridor, and just north of the trunk railroad corridor is I-490, the major traffic transportation corridor, traversing east and west through the City of Rochester. West, south, southwest and south east are residential in nature with an intermix of roadside neighborhood business and community service buildings (schools, health care and/or religious based). East of the target area are predominantly current or former manufacturing and/or distribution facilities. Northeast is located the above described rail road and traffic transportation infrastructure.

The 1985 and 1994 photographs are observed to present no significant change from the 2009 conditions, with the exception of a industrially related facility located between the north margin of the railroad siding and the south margin of the trunk line.

The 1971 photograph depicts the I-490 corridor as under construction, there are no significant additional changes observed in the 1985 or 1994.

1958, the I-490 corridor has not been built, and is observed as predominantly residential and neighborhood business. The railroad corridor and siding are located as currently configured.

1938, no observable significant change as presented in 1958.

4.5 Hazardous Substances - Identified Substance Containers

Located on the second floor of the building was, one (1) 55 gallon Drum of DOW Chemical Corporation, Epoxy Resin. The drum appeared to be full and unused. No leaking was observed.

4.6 Hazardous Substance - Unidentified Substance Containers

In the basement of the facility a total of six (6) 55 Gallon , one (1) 15 Gallon, one (5) Gallon pail, one (1) One Gallon Laquer Thinner can and one (1) used automotive oil filter was observed. The contents of the containers is unknown but visually present the appearance of petroleum based waste oil and lubricants.

It should be noted that surface water accumulated on the floor in this area was observed to contain potential contamination as a result of drum leakage and poor house keeping.

4.7 Storage Tanks

No vent pipes, fill caps or former concrete pump foundations were observed during the on-site evaluation.

It should be noted that the southern end of the building had heavy vegetation growth along the foundation. This condition obscured viewable access along much of the foundation for observance of potential storage facilities vent, electrical conduits or fill ports. However, no potential fill ports or vent pipes were observed on the outside of the building.

4.8 Spills

4.8.1 On-site Spills

One (1) abandon 55 gallon drum spill was reported to DEC on 6 December 1990. The database record

details that a representative of NYS Department of Environmental Conservation (DEC), The Monroe County Health Department and the Rochester Fire Department. According to the Record, the Drum was located on a macadam surface on the parcel. The drum was over-packed and sorbent materials were drummed for disposal separately. The spill was closed by DEC on 2 Frebruary1991.

Due to the age of this event, the Database Record indicates that more information is available from DEC. A request for the additional information from DEC has been completed by the consultant. Findings, if reported from DEC will be filed in addendum format.

4.8.2 Off-site Spills

The database lists Spill number 0270442, reported on 30 October 2002 and Closed on 11 November 2002.

The record details two (2) 55 Gallon and two (2) 15 Gallon abandon drums were left in Clark Alley near the southwestern area of the Litchfield Street parcel. Minor spillage was observed by DEC officals. The City of Rochester contracted the over-packing, cleanup and disposal to MARCOR Environmental of Rochester, NY. On 4 November 2002, the DEC updated the incident status to No Further Action Required.

4.9 Indications of PCB's

One (1) pole mounted transformer cluster is located near the southwestern corner of the building. The pole was observed as a subset of Litchfield Street Pole # 7. The pole contained three (3) can type transformers. No irregularities, or indications of leaks were observed with the local grid configuration.

As earlier discussed, the Freight Elevator Mechanical Room was not accessible during this investigation due to structurally deficient accessibility considerations. Therefore it is unknown if switch gear, capacitors, fuses or other electrical components of building or the elevator works may contain PCB related compounds.

Finally, several fluorescent light fixtures were observed during the walk-through, the fixtures are of the vintage to present a high probability of potential the electrical ballasts contain PCB's.

4.10 Indications of Solid Waste Disposal

There were no indications of solid waste having been disposed at the site.

4.11 Physical Setting Analysis

The general topography of the area slopes downward from an easterly located off-site point of elevation at 525± NGVD. The area slopes in a concave arc through the site from a point located northeast, thence traversing east and thence southeast at an approximate elevation of 515± NGVD. through the approximate perpendicular center of the site.

Slope of the site is approximately 0 - 5% down gradient from the southern wall of the building continuing south to the properties southern most margin. The western margin of the site at grade with the un-named alley way. The eastern area of the site is up-gradient of the road bed of Lichfield Street at the northern intersection of the building sloping south and down gradient, meeting native eastern, southeastern and southwestern topographical elevations.

Soils on-site and general area have not been detailed by the US Natural Resources Conservation Service as the area is defined as Urban Land. Bedrock shale deposits are anticipated to be encountered within 10 to 15 ft. below ground surface (bgs).

Ground water is expected to flow east and southeast, based on local topology.

4.12 Asbestos and Lead Based Contaminant Containing Materials

It should be noted that this discussion of potential Asbestos Containing Materials (ACM) and Lead Based Paint (LBP) materials and conditions is limited to a cursory review of the condition of suspect materials observed during the site reconnaissance and inspection portion of this report. A qualification and/or quantification of the suspect materials is beyond the scope of this investigation and report.

Limited amounts of suspect Asbestos Containing Materials were observed in the form of pipe wrap located in the basement.

Due to the structural condition of the building the writer was not able to access the Fright Elevator mechanical works, third floor or roof of the facility. As such, the potential for ACM break shoes and break actuated dust generated as a result of operation over the years presents a high probability. Roof based coatings, flashing and patches are typical suspect materials associated with this type of facility. And finally, window caulking and sealers present the potential of ACM.

Most of the interior components of the building are painted surfaces. The condition of the majority of painted surfaces were observed to have degraded considerably over the years as a result of the buildings vacancy. Painted surfaces were observed to be in very poor condition. The surfaces exhibited severe flaking and peeling as well as most of the observed flooring areas covered in dislodged paint chips. Due to the age of the building the probability of Lead Based Paint usage in the facility is high.

4.13 Miscellaneous Conditions

The writer observed bird excrements accumulated on floors and structural components of the building. This recognized condition presents a potential human health hazard.

5.0 Records Review

A search of available environmental records was conducted by:

FirstSearch Technology Corporation (FSTC)
10 Cottage Street
Norwood, MA 02062

A search was conducted by FirstSearch Technology Corporation of all federal and state databases concerning available environmental records. A total of 84 sites are listed in the database including Non Geo-coded sites. The site listings within the American Society for Testing of Materials (ASTM) Standard Practice E-1527-05, Phase I Environmental Site Assessment prescribed search radii have been reviewed and pose no Recognized Environmental Conditions (REC). Non Geo-Coded (NGC) sites, are sites listed in the database that have no physical address registered along with the listing, by default the database can not associate NGC sites by ASTM geographical radii standards, the database then defaults to the zip code in which the site or incident is, or was located. Due to the geographical density of community in which the target site is located the database evaluation includes the target zip code of 14608 as well as 14604, 14611 and 14614. The additional zip codes are included in the search as recommenced by the ASTM search guidance requirements, and the geographical overlapping of the respective zip code within the ASTM search area.

The number of notifiers in each database, and the regulatory program identifiers are as follows:

Federal Databases

There is one (1) Comprehensive Emergency Response Compensation and Liability Act (CERCLIS) notifier(s), 23 Resource Conservation and Recovery Act (RCRA) notifier(s), one (1) Federal Brownfield (FED-BROWNFIELD) notifier, one (1) Emergency Response Notification System (ERNS) notifier(s),

and four (4) Tribal Lands (TRIBALLANDS) notifier(s)

State Databases

There are 13 State Tribal Site notifier(s), 10 Spill1990 sites, 20 State/Tribal Leaking Underground Storage Tanks (LUST) notifier(s), and six (6) State/Tribal Registered Underground /Aboveground Storage Tank (UST/AST) sites. Two (2) State Voluntary Cleanup (VCP) notifier(s), and one (1) State Tribal Brownfield (BROWNFIELD) notifier.

The following subsections are detailed by Database, Site ID, Status, Name of the Site, Address, State, distance and the elevational differential of the listed site to the subject property.

A copy of the FirstSearch report is included in Appendix-E.

5.1 Federal Databases

This section of the report reviews the "listed" Federal Jurisdictional Regulatory programs contained in the database as prescribed in the ASTM recommended requirements. Due to the physical setting and current and/or final disposition of the listed sites no REC's are presented.

5.1.1 CERCLIS

This database contains sites that exhibit the potential for listing as a superfund site either as a result of current or historical events.

There is one (1) CERCLIS site located within the Database prescribed search radii. No Recognized Environmental Condition is presented by this listing due to its current status as well as the geographical location to the subject site.

Database	Site Id	Status	Name	Address	State	Dist	Elev Diff
CERCLIS	NYD981130032	NOT PROPOSED	ARTCO INUDSTRIAL LAUNDRIES, INC.	333 W MAIN ST	NY	0.21 SE	- 2

5.1.2 ERNS

EPA/NRC Emergency Response Notification System - Database of emergency response actions. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data. There is one (1) listed site presented in the database. No REC's are presented.

Database	Site Id	Status	Name	Address	State	Dist	Elev Diff
ERNS	535593	HIGHWAY RELATED		ERIE CANAL	NY	NON GC	N/A

5.1.3 Federal Brownfield

Brownfield Management System (BMS) - database designed to assist EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various Brownfield grant programs.

Listings within the database identified as Federal Engineering (EC) and Institutional Controls (IC), are Superfund sites that have either an engineering or an institutional controls monitoring and/or management plans. The data included in the listing presents the control and the media contaminated.

There are five (5) Brownfield sites located within the Database search data. Due to the physical location to the subject site, no REC's are presented.

Database	Site Id	Status	Name	Address	State	Dist	Elev Diff
FED BROWNFIELD	69597462-15308	EPA BROWNFIELD	FORMER CARIBBEAN SERVICE STATION	935 WEST W. BROAD ST	NY	NON GC	N/A

5.1.4 RCRA Generators

The Resource Conservation and Recovery Act requires generators to report on all usage and disposal practices of regulated listed chemicals. The database includes the following subsets;

RECRA GEN: Listed site utilizes and/or generates hazardous materials.
RECRA TSD: Treats, Stores or Disposed of regulated waste streams.
RCRA COR: RECRA Corrective action, generally associated with permitting, cleanup and/or disposal action.

The Status qualifiers are:

LGN - Large Quantity Generators.
SGN - Small Quantity Generators.
VGN - Conditionally Exempt Generator.

There are 23 listed notifiers within the Database search, 11 of which are NYS Department of Transportation, Bridge Lead Abatement and Painting projects. Due to the physical location and/or status of the listed sites contain within the database and their potential impact to the target, no REC's are presented.

Database	Site Id	Status	Name	Address	State	Dist	Elev Diff
RCRACOR	NYD000799247	CA	BURROUGHS CORPORATION-RSP	215 TREMONT ST	NY	0.51 SE	+ 3
RCRAGN	NYD981185796	SGN	DURATEC FINISHING INC	90 CANAL ST	NY	0.10 NE	- 5
RCRAGN	NYR000101873	SGN	ROCHESTER CITY OF COMM OFFICE	BROWN ST	NY	0.15 NW	+ 9
RCRAGN	NYR000147314	LGN	ADFLEX CORPORATION	83 LITCHFIELD ST	NY	0.16 NE	+ 2
RCRAGN	NYD980778401	VGN	ADFLEX CORP	284 ALLEN ST	NY	0.16 NW	+ 4
RCRAGN	NYD986889202	VGN	RALPH BROTHERS ENT INC	570 W MAIN ST	NY	0.18 SW	+ 10
RCRAGN	NYD986944429	VGN	ATLANTIC SERVICE STATION	567 W MAIN ST	NY	0.19 SW	+ 11
RCRAGN	NYR000163063	SGN	ARTCO - FORMER	333 W MAIN ST	NY	0.21 SE	- 2
RCRAGN	NYD981130032	SGN	CINTAS	333 W MAIN ST	NY	0.21 SE	- 2
RCRAGN	NYD986925691	SGN	UPSTATE PAINTING	4 VAN AUKER ST	NY	0.23 SE	- 2

Database	Site Id	Status	Name	Address	State	Dist	Elev Diff
RCRAGN	NYR000147520	LGN	NYSDOT BIN 7048700	ROCH and SOUTHERN RR OVER I-490	NY	NON GC	N/A
RCRAGN	NYP000955955	LGN	ROCHESTER HOUSING AUTHORITY	W MAIN ST	NY	NON GC	N/A
RCRAGN	NYR000147637	LGN	NYSDOT BIN 1093869	PLYMOUTH OVER I-490 AVE	NY	NON GC	N/A
RCRAGN	NYR000147447	LGN	NYSDOT BIN 1062349	I-490 OVER BROWN ST	NY	NON GC	N/A
RCRAGN	NYR000147454	LGN	NYSDOT BIN 1062359	I-490 OVER RTE 31X BROAD	NY	NON GC	N/A
RCRAGN	NYR000147462	LGN	NYSDOT BIN 1062361	I-490 WB OVER PLATT	NY	NON GC	N/A
RCRAGN	NYR000147470	LGN	NYSDOT BIN 1062362	1 EB OVER PLATT ST	NY	NON GC	N/A
RCRAGN	NYR000144386	LGN	NYSDOT BIN 1048729	RTE I-490 BRIDGE OVER	NY	NON GC	N/A
RCRAGN	NYR000147496	LGN	NYSDOT BIN 1093810	W I-490 0.1 MI I-490	NY	NON GC	N/A
RCRAGN	NYR000148130	LGN	NYSDOT BIN 1093820	RTE 940T AT ALLEN OVER ST	NY	NON GC	N/A
RCRAGN	NYR000147504	LGN	NYSDOT BIN 1093841	W I-490 WB OVER MAIN	NY	NON GC	N/A
RCRAGN	NYR000147512	LGN	NYSDOT BIN 1093842	I-490 EB OVER MAIN	NY	NON GC	N/A
RCRAGN	NYR000147488	LGN	NYSDOT BIN 1062389	I-490 OVER GLIDE ST	NY	NON GC	N/A

5.1.5 Federal Tribal Lands Tribal Lands: *DOI/BIA*

Indian Lands of the United States - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included in the regisrty are Federally-administered lands within a reservation which may or may not be considered part of the reservation. There are four (4) Tribal Indian Lands listed in the database. These listings do not present a potential REC.

Database	Site Id	Name	Address	State	Dist	Elev Diff
TRIBALLAND	BIA-14608	BUREAU OF INDIAN AFFAIRS CONTACT IN	UNKNOWN	NY	NON GC	N/A
TRIBALLAND	BIA-14604	BUREAU OF INDIAN AFFAIRS CONTACT IN	UNKNOWN	NY	NON GC	N/A
TRIBALLAND	BIA-14611	BUREAU OF INDIAN AFFAIRS CONTACT IN	UNKNOWN	NY	NON GC	N/A
TRIBALLAND	BIA-14614	BUREAU OF INDIAN AFFAIRS CONTACT IN	UNKNOWN	NY	NON GC	N/A

5.2 State Databases

The following databases and regulatory authority are maintained with the New York State Department of Environmental Conservation (DEC). The target of this investigation is located within the jurisdictional authority of DEC's Region 8 Headquarters, 6274 Avon-Lima Road, Avon, NY 14414-9519.

5.2.1 State Sites

The DEC Environmental Site Remediation Database contains the current and historical listing of sites currently being remediated or completed remedial projects under the oversight of the Division of Environmental Remeadiation (DER) remedial program(s) (i.e. State Superfund, Brownfield Cleanup, etc.). This database also includes the Registry of Institutional and Engineering Controls (i.e. IC - EC), and the State Registry of Inactive Hazardous Waste Disposal Sites.

The Hazardous Substance Site Study (STATIC) was completed in 1998, and prepared by the DEC's, Hazardous Substances Waste Disposal Task Force in consultation with N.Y. Department of Health. The State Sites database includes sites identified in the STATIC study.

There are 13 Sites listed in the database. Due to the physical location to the subject site, or current status of the listing no REC's are presented.

Database	Site Id	Status	Name	Address	State	Dist	Elev Diff
STATE	HS8012	HISTORIC-HAZ SUBST WASTE DISP	ERIE CANAL INDUSTRIAL PARK B2	OAK ST and SMITH ST	NY	0.51 NW	- 8
STATE	828010	HISTORIC	RGandE - BEEBEE STATION	254 MILL ST	NY	0.63 NE	- 64
STATE	828058		MILL STREET DRUMS	208 MILL ST	NY	0.63 NE	- 41
STATE	HS8048	HISTORIC	RGandE, FRONT STREET	FRONT ST	NY	0.72 NE	- 32
STATE	HS8049	HISTORIC-HAZ SUBST WASTE DISP	ROCHESTER METAL ETCHING	100 LAKE AVE	NY	0.84 NE	- 25
STATE	828100		FORMER ROCHESTER METAL ETCHING COMP		NY	0.84 NE	- 25
STATE	828107		FORMER RAECO PRODUCTS	24 SPENCER ST	NY	0.89 NE	- 34
STATE	828028B	HISTORIC	TAYLOR INSTRUMENTS - DIV. COMB. ENG	95 AMES ST	NY	0.93 SW	+ 10
STATE	828028A		TAYLOR INSTRUMENTS - DIV. COMB. ENG	AMES ST	NY	0.93 SW	+ 10
STATE	HS8045	HISTORIC-HAZ SUBST WASTE DISP	RGandE, AMBROSE YARD	AMBROSE ST	NY	0.95 NE	- 35
STATE	HS8047	HISTORIC-HAZ SUBST WASTE DISP	RGandE, EAST STATION (SUNPRU ST)	8 SUNPRU ST	NY	0.99 NE	- 20
STATE	828102		ARTCO INDUSTRIAL LAUNDRIES	331 W MAIN ST	NY	NON GC	N/A
STATE	828122		BARTHELMES MANUFACTURING SITE	15 CAIRN ST	NY	NON GC	N/A

5.2.2 Solid Waste Facilities

Solid waste facilities within the state are regulated by the New York State Department of Environmental Conservation. The lists provided by the DEC and searched in this report include Solid Waste Transfer

Stations, Inactive Solid Waste Facilities, and the Solid Waste Inventory Database. There are two (2) facilities listed within the Database search. No REC is presented.

Database	Site Id	Status	Name	Address	State	Dist	Elev Diff
SWL	8-28T10	INACTIVE	CAIRN ST TRANSFER	801 WEST AVE	NY	NON GC	N/A
SWL	8-28D22	INACTIVE	ROCHESTER (C) C and D LF	CITY HALL ROOM 326B	NY	NON GC	N/A

5.2.3 State Spills

The New York State List of Spills Releases report identifies facilities in the state with known releases from above ground, underground storage tanks or accident generated spills. In this report, the New York State Department of Environmental Conservation provides pertinent site details such as name and address of the facility, type of substance released, and remediation status. There are 10 listed spill sites found within the database search. The target site and the Clark Alley spills are listed in this database as closed. Further information and analysis of these records is presented in Sections, 4.8.1 On-site Spills and Section 4.8.2 Off-site Spills above.

Database	Site Id	Status	Name	Address	State	Dist	Elev Diff
SPILLS	**9009716**	**CLOSED**	**LITCHFIELD STREET (DRUM)**	**33 LITCHFIELD ST**	**NY**	**0.02 SW**	**+ 2**
SPILLS	0270442	CLOSED	CLARK ALLEY	18 KING ST	NY	0.06 SW	+ 5
SPILLS	9300522	CLOSED	VOLUTEERS OF AMERICA	89 CANAL ST	NY	0.08 NE	- 4
SPILLS	0910281	ACTIVE	VOLUNTEERS OF AMERICA	89 CANAL ST	NY	0.08 NE	- 4
SPILLS	9700102	CLOSED	SILVER ST AND EISMAN	EISMAN ALY and SILVER ST	NY	0.11 NW	+ 3
SPILLS	9604960	CLOSED	CANAL STREET GARBAGE CANS	1 CANAL ST	NY	0.11 SE	0
SPILLS	0470282	ACTIVE	JACKSON (SHARON) PROPERTY	410 W MAIN ST	NY	0.12 SE	- 1
SPILLS	9601487	CLOSED	NYS ERIE CANAL	ERIE CANAL	NY	NON GC	N/A
SPILLS	0812254	CLOSED	CIACCIA (PAUL) PROPERTY	99 CANAL ST	NY	NON GC	N/A
SPILLS	0070645	CLOSED	NYS BARGE CANAL	BARGE CANAL	NY	NON GC	N/A

5.2.4 LUST

The New York State Department of Environmental Conservation, Spill Division, provides a listing of Leaking Underground Storage Tanks, known as the LUST Listing. There are 20 listed sites found within the Database search. All of the listed facilities have been closed to the satisfaction of the regulating authority, no REC is presented.

Database	Site Id	Status	Name	Address	State	Dist	Elev Diff
LUST	9204888	CLOSED	REFINERS GAS STATION	362 W MAIN ST	NY	0.18 SE	- 2
LUST	8702841	CLOSED	ROCHESTER (C) FIRE DEPT	242 ALLEN ST	NY	0.19 NE	- 10
LUST	8600542	CLOSED	ATLANTIC REFINING and MRKTG	567 W MAIN ST	NY	0.19 SW	+ 11
LUST	8600901	CLOSED	BROWN (531) STREET	531 BROWN ST	NY	0.21 NW	+ 7

Database	Site Id	Status	Name	Address	State	Dist	Elev Diff
LUST	9000159	CLOSED	FORD ST ASSOC PROPERTY	4 VAN AUKER ST	NY	0.23 SE	- 2
LUST	9001584	CLOSED	HAVERSTICK BLDG	4 VAN AUKER ST	NY	0.23 SE	- 2
LUST	9210783	CLOSED	TOLE RENTAL PROPERTY	60 CLIFTON ST	NY	0.34 SW	+ 20
LUST	8908901	CLOSED	C and M FORWARDING	322 OAK ST	NY	0.37 NE	- 3
LUST	9613032	HISTORIC-CLOSED	REESE RESIDENCE	210 ADAMS ST	NY	0.41 SE	+ 2
LUST	0200097	HISTORIC-CLOSED	SDA CHURCH	309 JEFFERSON AVE	NY	0.42 SW	+ 19
LUST	9203945	HISTORIC-CLOSED	12 NORTH WASHINGTON	12 N WASHINGTON ST	NY	0.44 NE	- 12
LUST	8422167	CLOSED	OWENS, (RONALD)	207 WILDER ST	NY	0.44 NW	- 7
LUST	8707019	CLOSED	KODAK/JAMRO SERVICE CTR	118 BROWN ST	NY	0.48 NE	- 13
LUST	8905610	CLOSED	ANACOMA COOLING and HEATING	395 MAPLE ST	NY	0.49 NW	+ 5
LUST	0610366	CLOSED	MORTIMER SUBSTATION 4202	BRIGHTON HENRIETTA TOWNLINE RD	NY	NON GC	N/A
LUST	8300881	HISTORIC-CLOSED	GENERAL RAILWAY SIGNAL	CAIRN ST OFF LYELL	NY	NON GC	N/A
LUST	7981029	CLOSED	GULF OIL	PLYMOUTH AVE	NY	NON GC	N/A
LUST	1001657	CLOSED	SMART MART	799 WEST MAIN ST	NY	NON GC	N/A
LUST	8707021	CLOSED	ROCHESTER (CITY OF)	MILL ST	NY	NON GC	N/A
LUST	7880217	CLOSED	HUB OIL COMPANY	MCKEE RD	NY	NON GC	N/A

5.2.5 Registered Storage Tanks -UST/AST

The New York State Department of Environmental Conservation, Petroleum Bulk Storage Division, provides a listing of registered under and above ground storage tanks, known as the Registered Storage Tank listing. There are 10 listed sites found within the Database search.

Database	Site Id	Status	Name	Address	State	Dist	Elev Diff
UST	PBS8-444804	ACTIVE	VOLUNTEERS OF AMERICA	WESTERN NEW YORK	NY	0.08 NE	- 4
UST	PBS8-601407	ACTIVE	CITY OF ROCHESTER QUINT 8	242 ALLEN ST	NY	0.18 NE	- 10
UST	PBS8-298433	ACTIVE	VALERO	362 W MAIN ST	NY	0.18 SE	- 2
UST	PBS8-071684	ACTIVE	CIRCLE C	567 W MAIN ST	NY	0.19 SW	+ 11
UST	PBS8-507687	UNREGULATED	ELAM SAND and GRAVEL	106 INDUSTRIAL ST	NY	0.22 NE	- 7
UST	CBS8-000480	ACTIVE	CINTAS CORP (LOCATION 411)	333 WEST MAIN ST	NY	NON GC	N/A

5.2.6 Voluntary Cleanup Program

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "Ggreenfield" sites. The VCP program in no longer available through DEC, the program has been replaced by the Brownfield Cleanup Program (BCP).

Database	Site Id	Status	Name	Address	State	Dist	Elev Diff
VCP	V00594	VCP	RGE - CANAL ST.	CANAL ST	NY	0.10 NE	- 4
VCP	V00270	HISTORIC-VCP	ARTCO INDUSTRIAL LAUNDRIES	333 W MAIN ST	NY	0.21 SE	- 2

5.2.7 State Tribal Brownfield Program

The State/Tribal Brownfields is the repository database of closed historical brownfield programs, brownfield cleanup and/or environmental restoration projects.

Database	Site Id	Status	Name	Address	State	Dist	Elev Diff
BROWNFIELD	C828102	HISTORIC-BCP	FORMER ARTCO INDUSTRIAL LAUNDRIES	331 MAIN ST W	NY	0.21 SE	- 2

6.0 Conclusions

The building was originally built for the purpose of manufacturing in the early 1900's. The sites historical land use to date has been that of manufacturing and undeveloped land based uses. The 1882 Sanborn Map shows the undeveloped land mass contiguously south of the building as wholesale bulk distribution or retail Lumber Yard use, the representative structures on-site were typical wood sheds and ventricle storage rack. The Lumber Yard operation encompassed the entire surface area currently viewed as the sites southern open space. Manufacturing based land uses tend to present a historical inherent potential of recognized environmental conditions. The potential REC's associated with this facility and site are presented as a result of the former, machine shop, material handling areas and painting operations formerly located in the facility as well as the operations conducted on-ste.

The information generated from the performed assessment indicated there are eight (8) potential Environmental Recognized Condition(s) which should be brought to the attention of the client for his or her assessment as follows:

1) The potential impact of historical sanitary discharges and/or potential of the un-known presence of floor drains and their respective discharge points warrant's further evaluation.

2) Potential Asbestos Containing Materials were observed in the building. Considering the degraded interior condition of the building, all suspect ACM materials are to be considered in very poor condition.

3) The structures interior wall coatings present a high probability of Lead Based Paint contaminants in very poor condition, throughout the entire facility.

4) A high probability is presented for light fixtures having PCB containing electrical ballasts, located throughout the facility. Additionally, there is a potential for PCB

related electrical components observed during the walk through of the building, and potential components located in the inaccessible areas.

As result of the age of the outdoor pole mounted power distribution transformers, there is a high probability the transformers contain PCB related compounds. It should be noted that the observed physical condition of this power source was very good, no ground surface staining, distressed vegetation, weeping, staining of the surface or leaking of the transformers was observed.

5) Abandon drums and unidentified containers located in the basement and the third floor present a remedial action requirement. Potentially contaminated puddled water in the basement presents a high probability of impact from leaking from the abandon drums.

6) The Database listed 55 Gallon Drum Historical Spill events formerly located on Clarke Alley and the southwestern area of the target site have been closed, no further action is required.

7) There is a medium probability of petroleum based impacts to surface and subsurface soils located in the area of the loading dock and the undeveloped southern portion of the site as a result of historical drips and leaks generated by transportation related vehicles.

8) Bird excrement located on the upper floors presents a human health risk to workers, proper Personal Protective Equipment (PPE) is recommended for personnel during investigation, sampling, remediation and/or construction related demolition or building events.

7.0 Recommendations

The site and general area have presented the writer with potential Recognized Environmental Conditions, the following presents recommendations for further investigation and or remedial actions.

1) The potential impact of the un-known presence of floor drains and their respective discharge points warrant's further investigation. Voids or cracks in the floor may present a requirement for additional subsurface investigation in the former paint spraying area, machine shop and drum storage area. This recommendation is dependent on findings of the floor drain and general basement floor condition evaluation.

2) It is recommended the building undergo a ACM Survey to identify all suspect materials requiring removal, repair or encapsulation per NYS Code Rule 56 guidance.

3) A physical survey should be conducted to ascertain the number of fluorescent light fixtures and/or additional electrical components located in in-accessible areas during the walk through, requiring disposal as PCB contaminated components.

4) The abandon drums in the basement and one (1) drum on the third floor should be characterized, over-packed and the remaining spillage observed on the floor in the basement cleaned up. All of the materials must be disposed of per State, Federal and Local requirements.

5) The medium probability of petroleum based contaminants discussed above should be evaluated by completion of a sub-surface investigation of the undeveloped greenspace area, this investigation could be completed during any planned geo-technical subsurface investigations.

6) As a result of the Bird Excrement health risk associated with the building, it is recommended that all personnel be advised of the potential of exposure, and proper PPE procedures be instituted.

END of Report

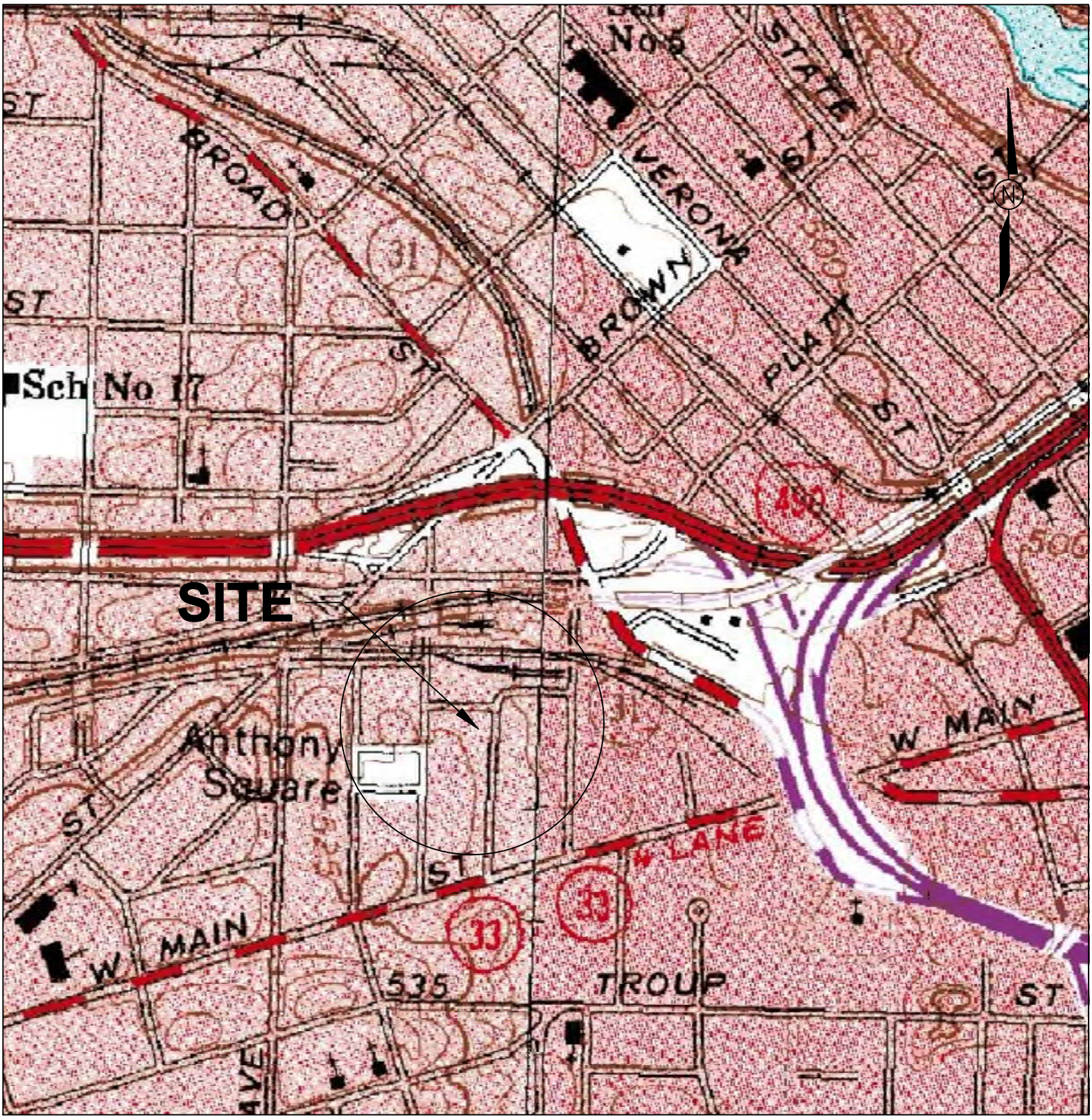
This Investigation was Performed and Written by:

Date: 7 September 2010

Michael W. Pufpaff

Appendix - A

Figures



33 Litchfield Sreet
Rochester, NY

prepared for

DePaul Group, Inc.
1931 Buffalo Road
Rochester, NY

FIGURE 1
Location

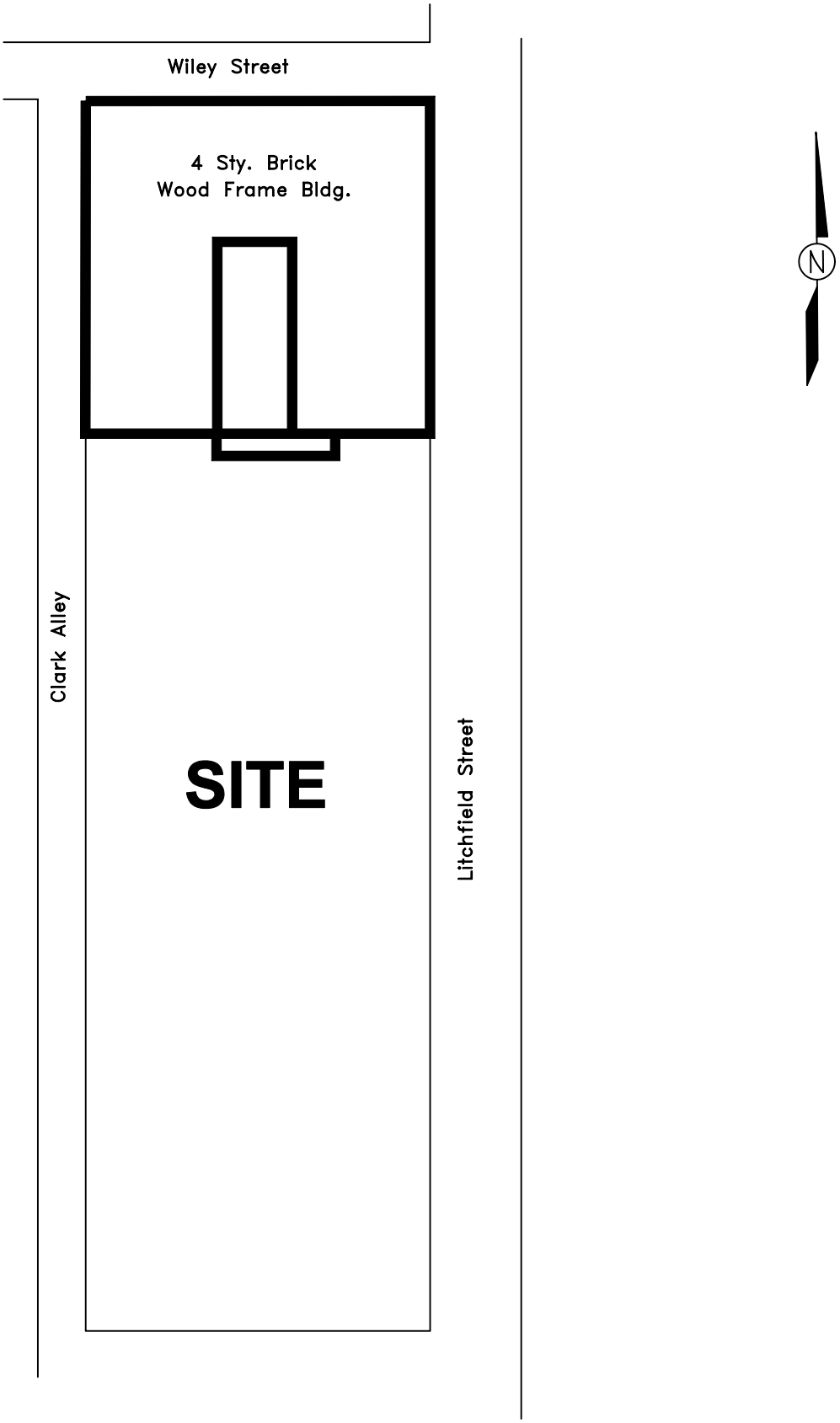
SCALE
No Scale

0 60 120

DECI Development & Environmental Consultants, Inc.

DRAWN BY	MWP	08/27/2010
CHECKED BY	MWP	08/28/2010
APPROVED BY		
REVISED		

DRAWING NUMBER FIGURE 1



33 Litchfield Sreet
Rochester, NY
prepared for
DePaul Group, Inc.
1931 Buffalo Road
Rochester, NY

FIGURE 2
Site Plan

SCALE
No Scale

0 60 120

DECI Development & Environmental Consultants, Inc.

DRAWN BY	MWP	08/27/2010
CHECKED BY	MWP	08/28/2010
APPROVED BY		
REVISED		

DRAWING NUMBER FIGURE 2

Appendix - B

Photographic Documentation

Photographic Documentation

DePaul Group, Inc.	08/18/2010
33 Litchfield Street, Rochester, NY	P-1 Viewing North, Target Building

DePaul Group, Inc.	08/18/2010
33 Litchfield Street, Rochester, NY	P-2 Viewing West, North Face of Building at Wiley Street

Photographic Documentation

DePaul Group, Inc.	08/18/2010
33 Litchfield Street, Rochester, NY	P-3 Viewing South, West Face of Building at Clark Alley

DePaul Group, Inc.	08/18/2010
33 Litchfield Street, Rochester, NY	P-4 Viewing North, East Face of Building on Litchfield St.

Photographic Documentation

DePaul Group, Inc.	08/18/2010
33 Litchfield Street, Rochester, NY	P-5 Viewing South, East Face of Building, Litchfield St.

DePaul Group, Inc.	08/18/2010
33 Litchfield Street, Rochester, NY	P-6 Viewing Southwest, Clark Alley, Typical Residential

Photographic Documentation

DePaul Group, Inc.	08/18/2010
33 Litchfield Street, Rochester, NY	P-7 Viewing East, Litchfield St. Neighboring Parcel

DePaul Group, Inc.	08/18/2010
33 Litchfield Street, Rochester, NY	P-8 Typical Basement Degraded Condition

Photographic Documentation

DePaul Group, Inc..	08/18/2010
33 Litchfield Street, Rochester, NY	P-9 Typical Electrical Panel All Floors

DePaul Group, Inc..	08/18/2010
33 Litchfield Street, Rochester, NY	P10 Typical Paint Condition, Fluorescent Lighting Fixtures

Photographic Documentation

DePaul Group, Inc.	08/18/2010
33 Litchfield Street, Rochester, NY	P-11 Typical Structural Condition

DePaul Group, Inc.	08/18/2010
33 Litchfield Street, Rochester, NY	P-12 3rd. Floor, 55 Gallon Drum - Epoxy

Photographic Documentation

DePaul Group, Inc.	08/18/2010
33 Litchfield Street, Rochester, NY	P-13 Basement Waste Storage Drums

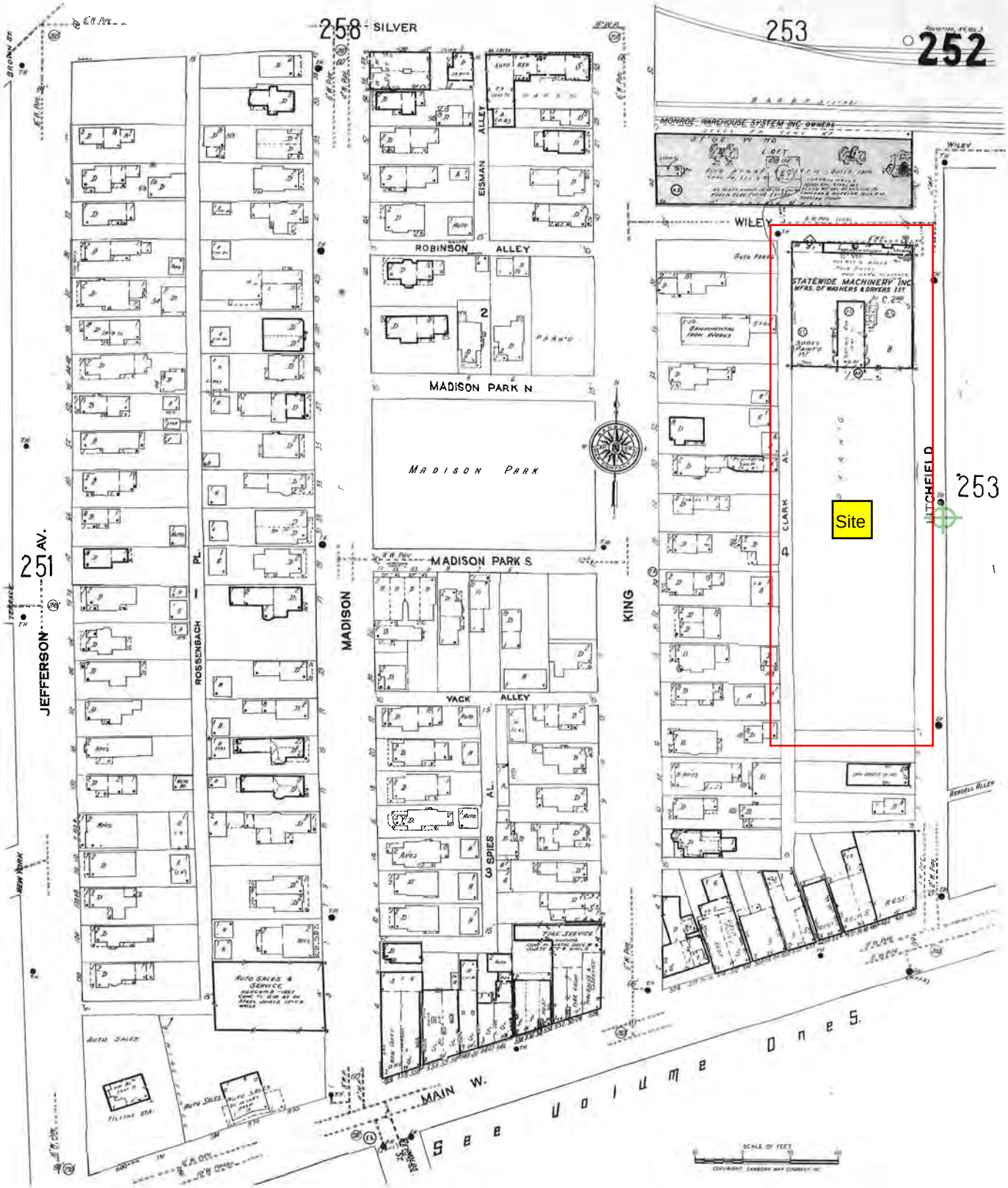
DePaul Group, Inc..	08/18/2010
33 Litchfield Street, Rochester, NY	P-14 Typical Electrical Conduits

Photographic Documentation

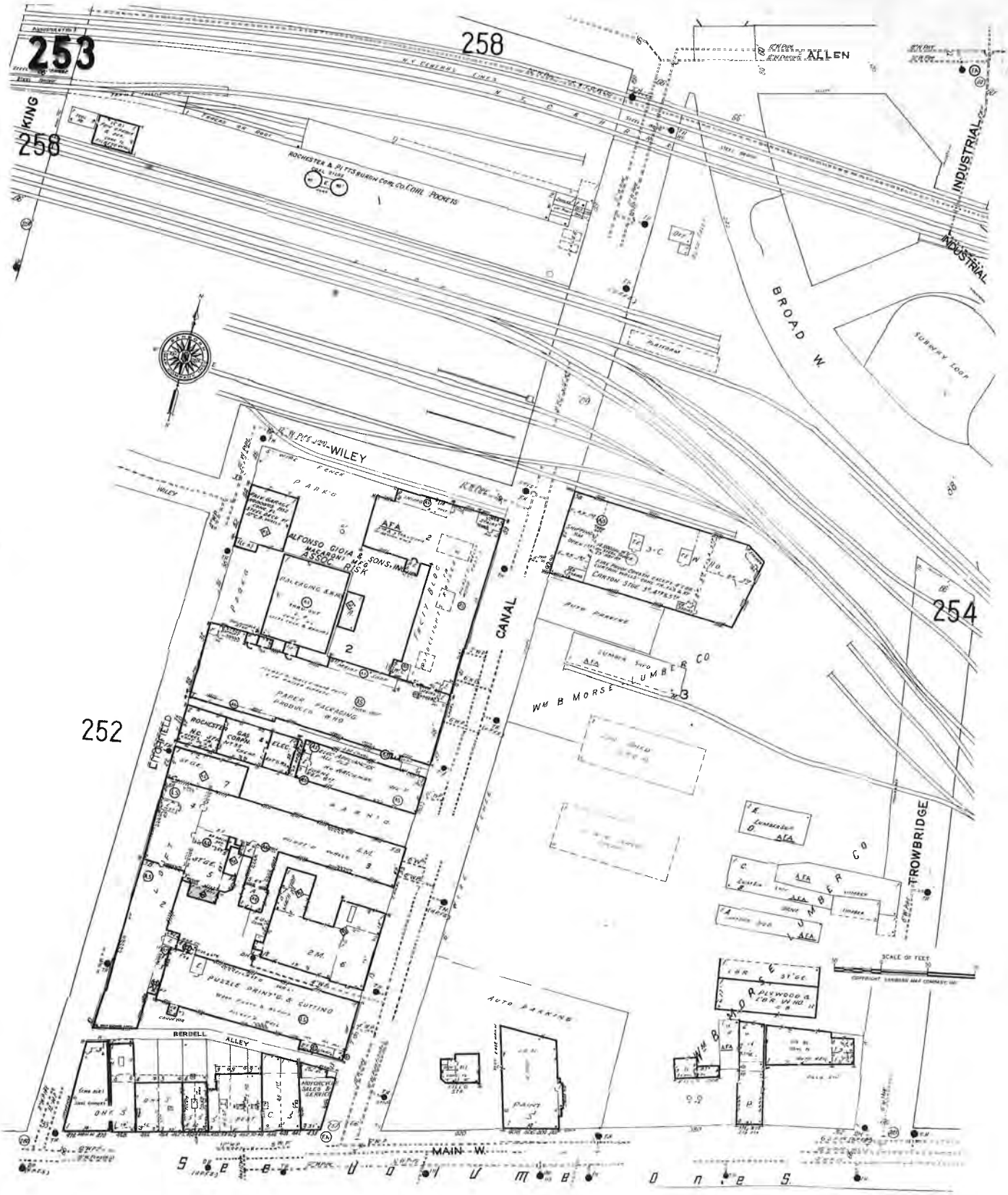
DePaul Group, Inc.	08/18/2010
33 Litchfield Street, Rochester, NY	P-15 Transformer Pole

Appendix - C

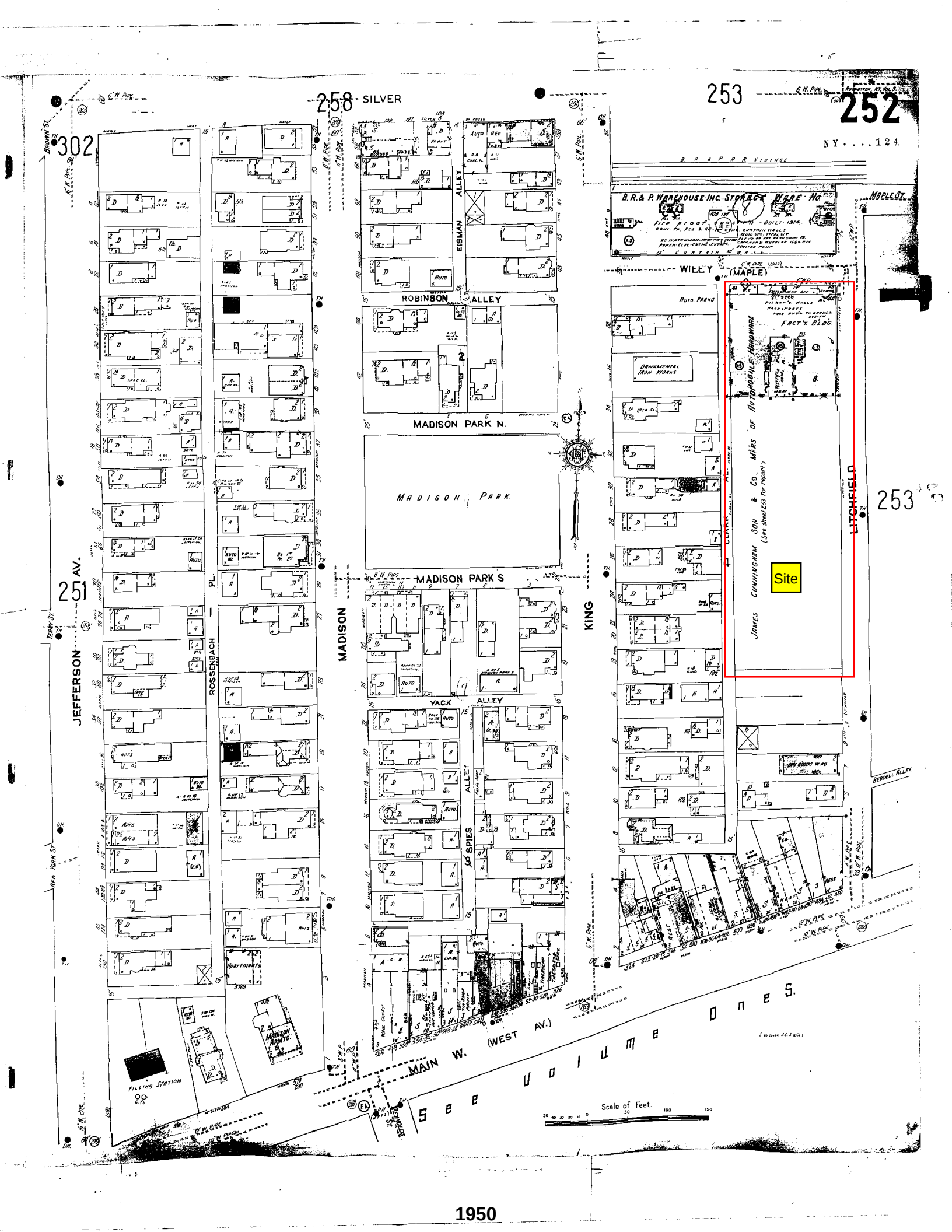
Sanborn Maps


258
SILVER
253
252
MONROE WAREHOUSE SYSTEM INC. OWNERS
WILEY
ALLEY
EISMAN
ROBINSON
ALLEY
MADISON PARK N
MADISON PARK
MADISON PARK S
YACK
ALLEY
STATEWIDE MACHINERY INC.
MFRS. OF WASHERS & DRYERS 1ST
Site
CLARK
AL.
KING
MADISON
ROSSENBACH
PL
JEFFERSON
AV.
251
253
SPIES
AL.
MAIN W.
See Volume Ones.
BERDELL ALLEY
BROWN ST.
NEW YORK
TERRACE
AUTO SALES & SERVICE
AUTO SALES
FILLING STA.
TIRE SERVICE
SCALE OF FEET

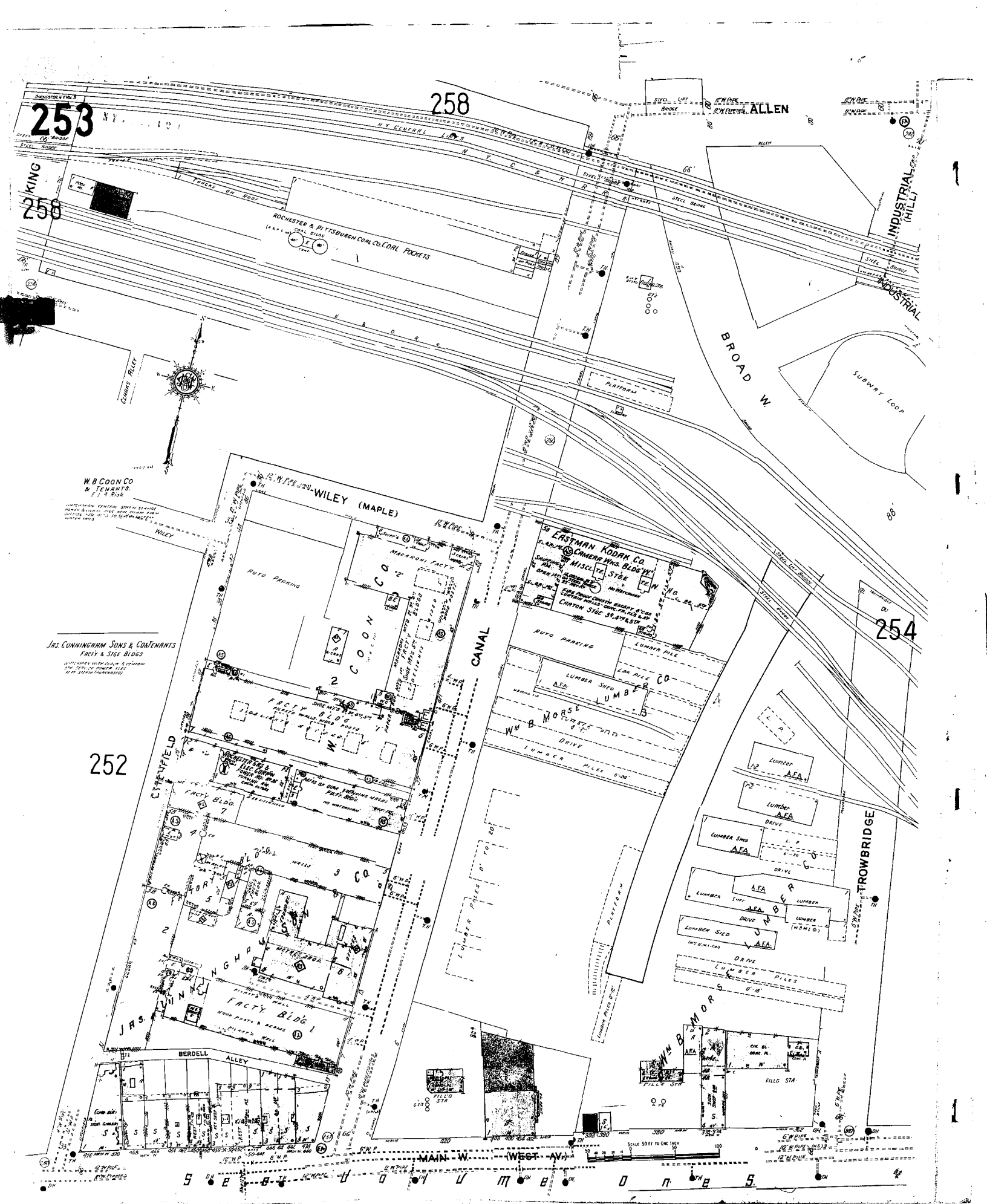
1971


253
258
258
ALLEN
INDUSTRIAL
INDUSTRIAL
BROAD W.
SUBWAY LOOP
WILEY
ALFONSO GIOIA MACARONI MFG. ASSOC. SONS, INC.
CANAL
WM B MORSE LUMBER CO
254
252
CROSFIELD
ROCHESTER GAS & ELEC. CORP.
PAPER PACKAGING PRODUCTS
PUZZLE PRINTING & CUTTING
BERDELL ALLEY
AUTO PARKING
TROWBRIDGE
MAIN W.
SCALE OF FEET

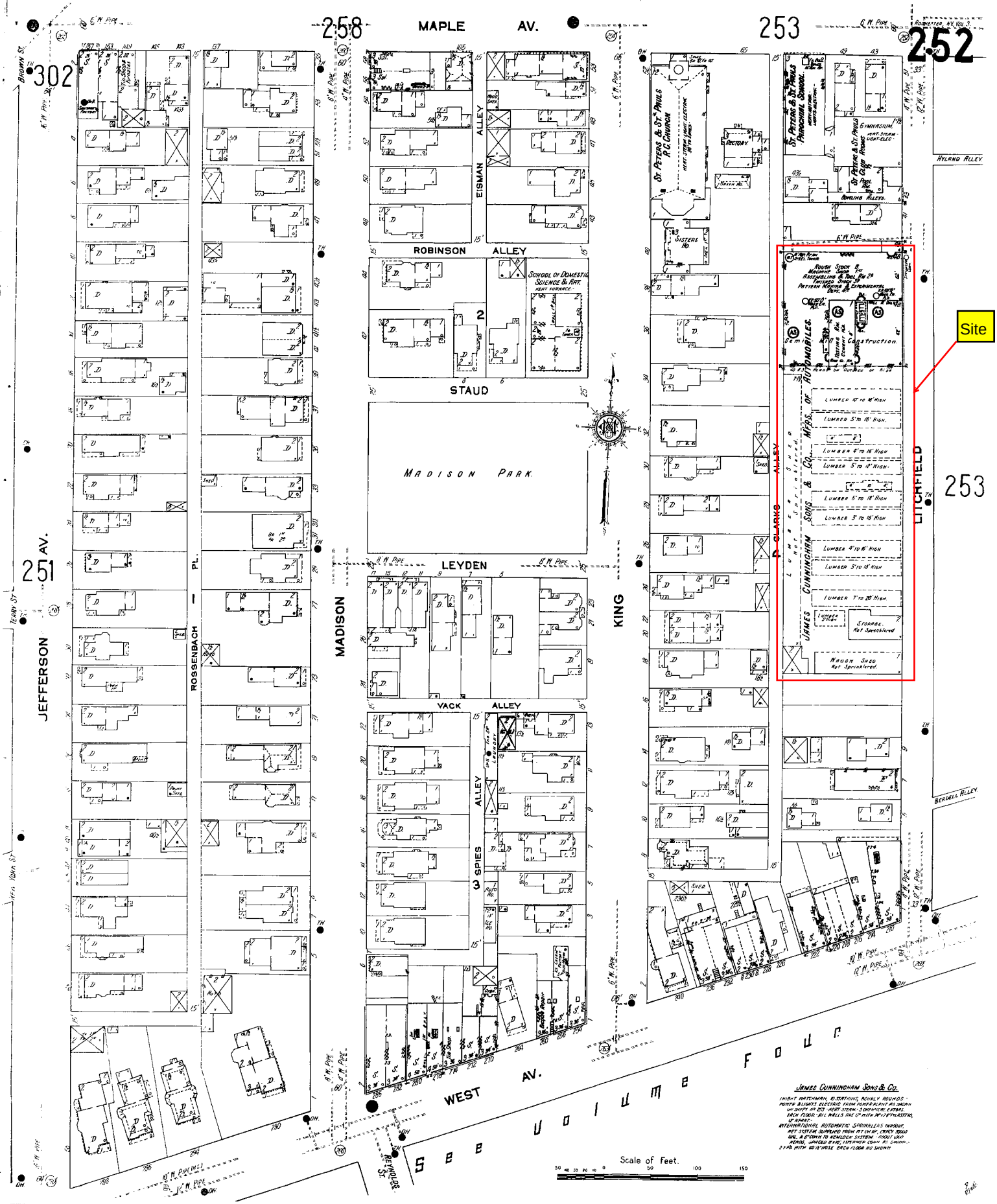
1971


258
SILVER
253
252
302
251
253
JEFFERSON AV.
MADISON
ROSSENBACH PL
KING
LITCHFIELD
EISMAN ALLEY
ROBINSON ALLEY
MADISON PARK N.
MADISON PARK.
MADISON PARK S
YACK ALLEY
SPIES ALLEY
WILLEY (MAPLE)
MAPLE ST.
BERDELL ALLEY
HEN YORK ST.
TERRY ST.
BROWN ST.
MAIN W. (WEST AV.)
B.R.&P. WAREHOUSE INC. STORAGE WARE HO
FACT'Y BLDG
AUTOMOBILE HARDWARE
ORNAMENTAL IRON WORKS
JAMES CUNNINGHAM SON & CO. MFRS OF
CLARK
(See sheet 253 for report)
Site
MADISON ARMS
FILLING STATION
Apartments
Scale of Feet.
See Volume Ones.

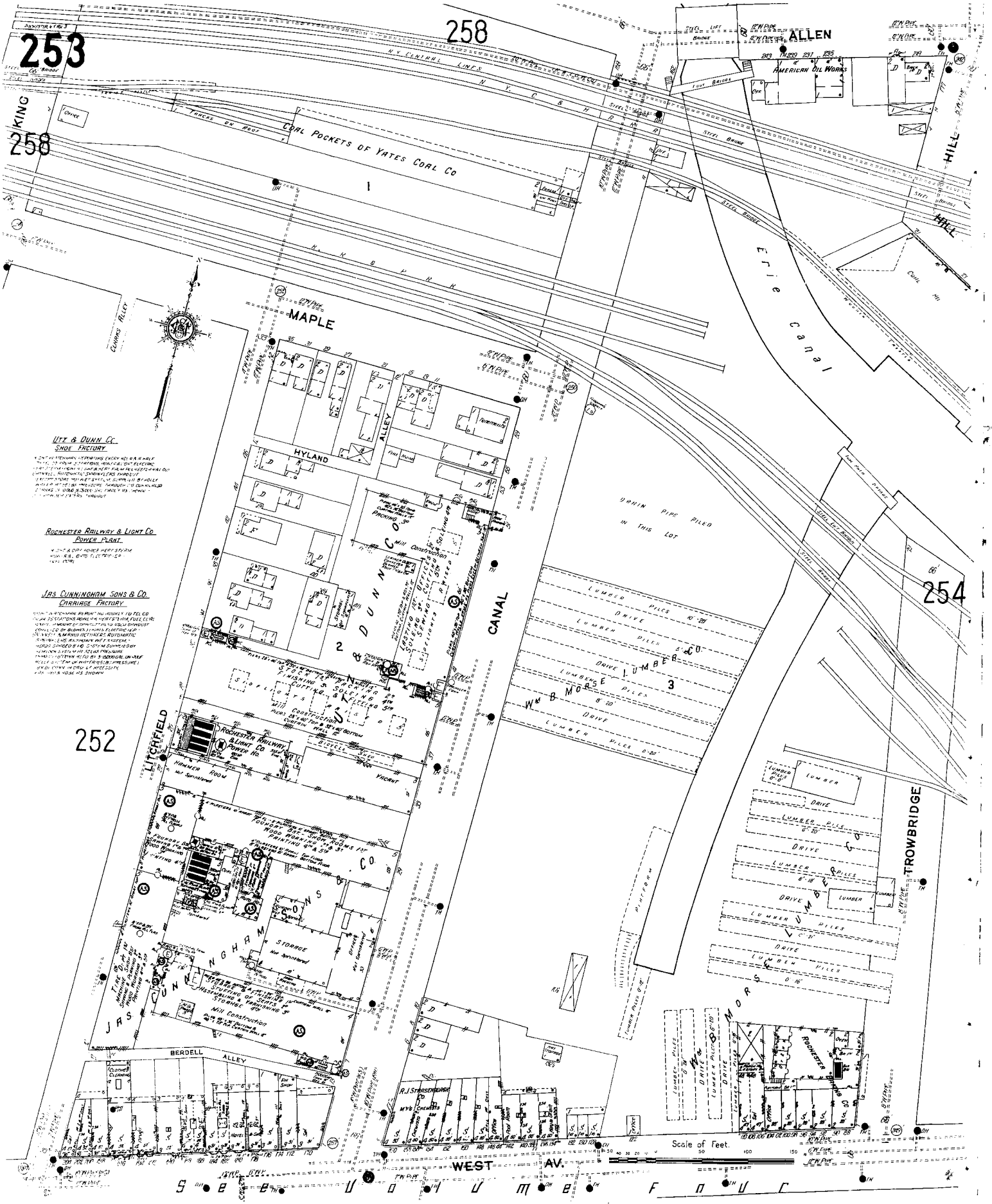
1950


253
258
258
254
252
ALLEN
INDUSTRIAL (HILL)
INDUSTRIAL
BROAD W.
SUBWAY LOOP
ROCHESTER & PITTSBURGH COAL CO. COAL POCKETS
N.Y. CENTRAL LINES
N Y C & H R R R
CLARKS ALLEY
W.B. COON CO & TENANTS
WILEY (MAPLE)
EASTMAN KODAK CO. CAMERA WKS. BLDG W.
MISCL. STGE
CARTON STGE
AUTO PARKING
LUMBER PILE
LUMBER SHED
LUMBER DRIVE
CANAL
CLIFFORD
BERDELL ALLEY
FACTY BLDG. 1
FACTY BLDG. 2
FACTY BLDG. 3
FACTY BLDG. 4
FACTY BLDG. 5
FACTY BLDG. 6
FACTY BLDG. 7
MACARONI FACTY
JAS. CUNNINGHAM SONS & CO. FACTY & STGE BLDGS
TROWBRIDGE
FILLG STA
MAIN - W. - WEST AV.
SCALE 50 FT TO ONE INCH
SEE SUPPLEMENTARY VOLUME ONE

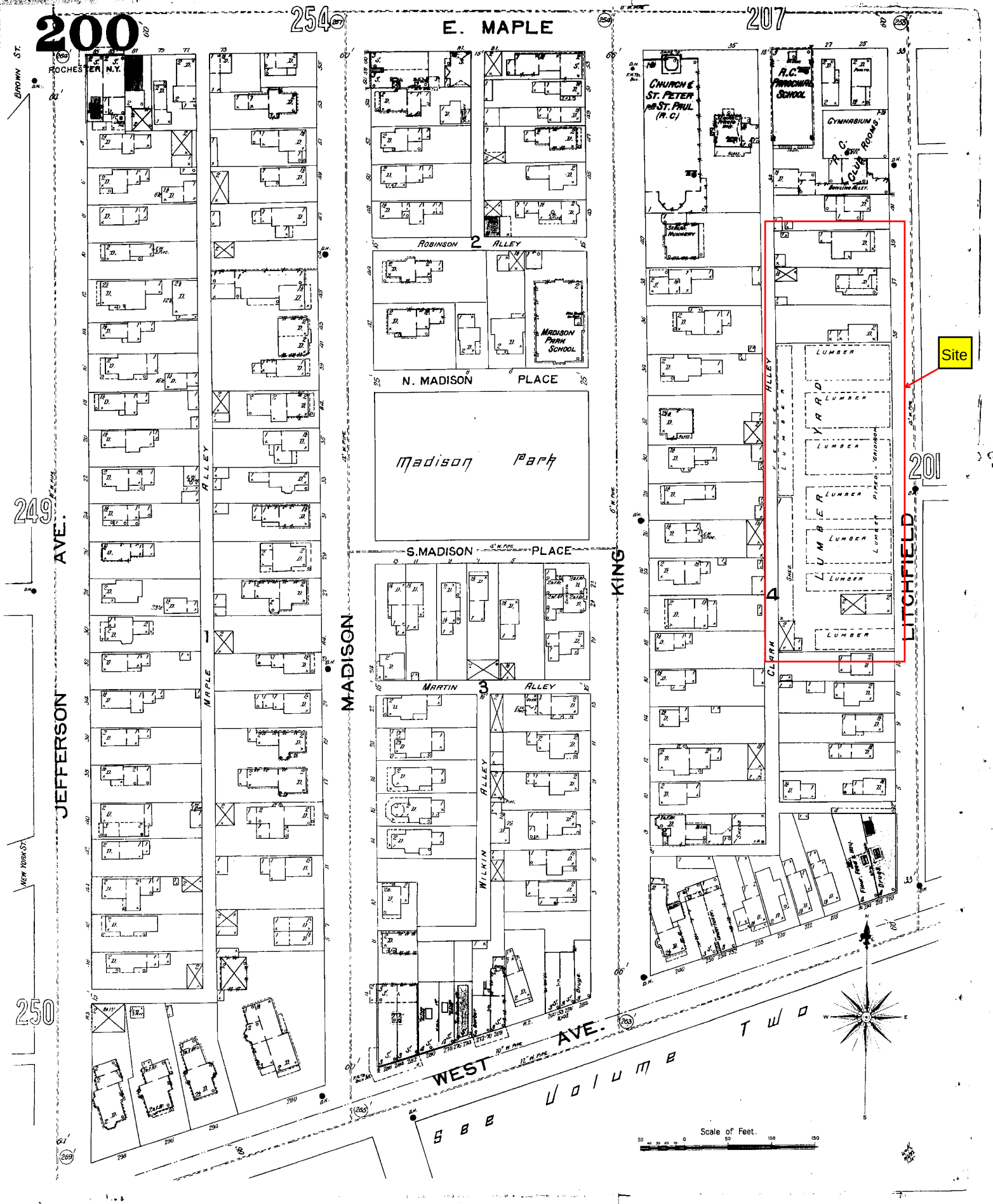
1950


MAPLE AV.
258
253
252
302
251
253
JEFFERSON AV.
ROSSENBACH PL.
MADISON
KING
LITCHFIELD
EISMAN ALLEY
ROBINSON ALLEY
STAUD
LEYDEN
VACK ALLEY
SPIES ALLEY
D. CLARK ALLEY
HYLAND ALLEY
BERDELL ALLEY
WEST AV.
REYNOLDS ST.
MADISON PARK
St. Peters & St. Pauls R.C. Church
Rectory
Sisters No.
St. Peters & St. Pauls Parochial School
Gymnasium
Bowling Alleys
School of Domestic Science & Art
James Cunningham Sons & Co. Manufacturers of Automobiles
Lumber 10' to 18' High
Lumber 5' to 15' High
Lumber 4' to 16' High
Lumber 5' to 12' High
Lumber 5' to 18' High
Lumber 3' to 15' High
Lumber 9' to 16' High
Lumber 3' to 18' High
Lumber 7' to 20' High
Lumber Shed
Storage, Not Sprinklered
Wagon Shed Not Sprinklered
Site
Scale of Feet.
See Volume Four

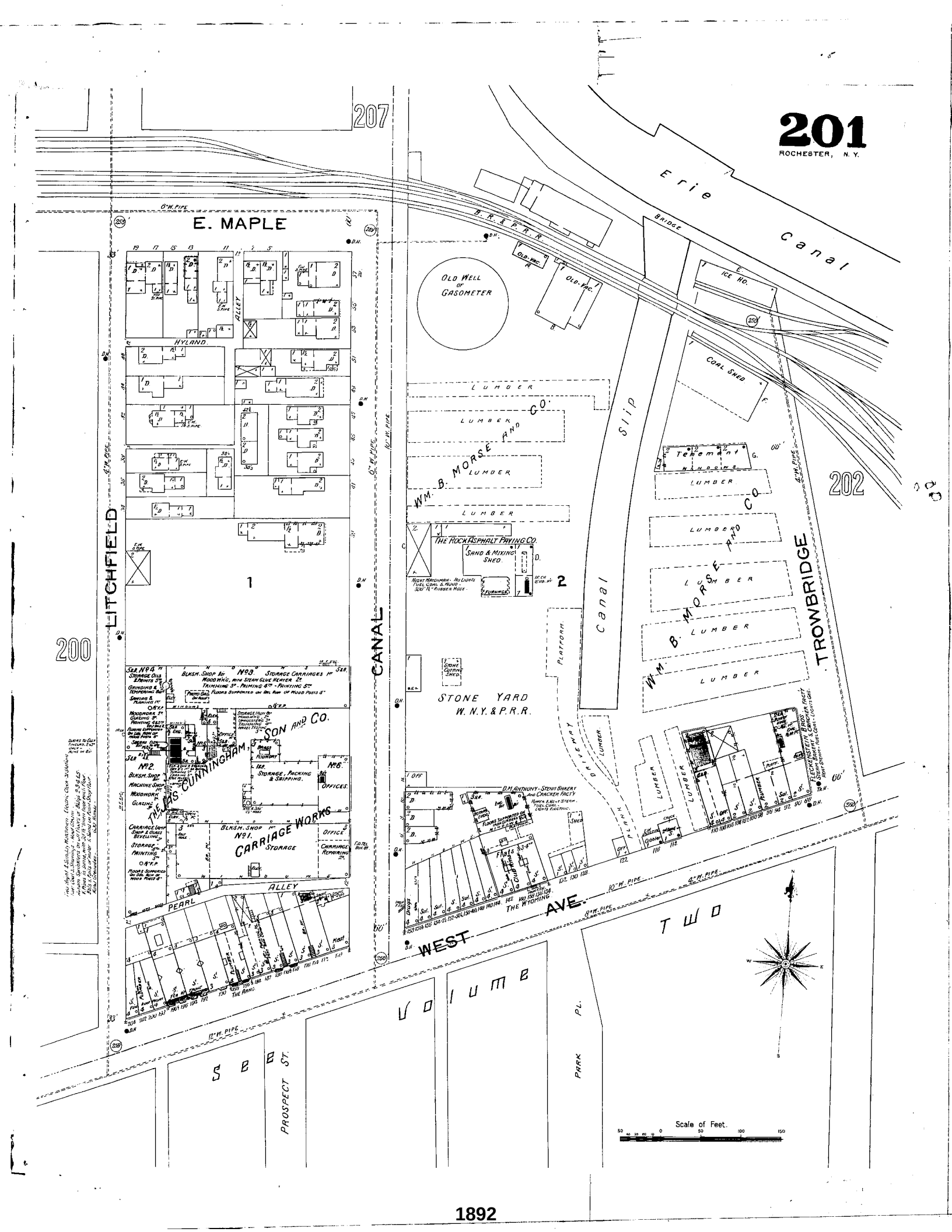
1912


253
258
KING
HILL
ALLEN
AMERICAN OIL WORKS
N.Y. CENTRAL LINES
N Y C & H R R R
STEEL BRIDGE
COAL POCKETS OF YATES COAL CO
Erie Canal
MAPLE
COLLINS ALLEY
ALLEY
HYLAND
UTZ & DUNN CO.
SHOE FACTORY
ROCHESTER RAILWAY & LIGHT CO
POWER PLANT
JAS CUNNINGHAM SONS & CO.
CARRIAGE FACTORY
DUNN CO
CANAL
LUMBER PILES DRIVE
WM B MORSE LUMBER CO
LITCHFIELD
TROWBRIDGE
252
254
3
BERDELL ALLEY
WEST AV.
Scale of Feet.
See Volume Four

1912


200
ROCHESTER N.Y.
254
E. MAPLE
207
BROWN ST.
JEFFERSON AVE.
MADISON
KING
LITCHFIELD
249
250
201
NEW YORK ST.
WEST AVE.
ALLEY
MAPLE
ROBINSON
ALLEY
N. MADISON
PLACE
Madison Park
S.MADISON
PLACE
MARTIN
ALLEY
WILKIN
ALLEY
CLARK
ALLEY
CHURCH & ST. PETER AND ST. PAUL (R.C.)
R.C. PAROCHIAL SCHOOL
GYMNASIUM
R.C. CLUB ROOMS
BOWLING ALLEY
MADISON PARK SCHOOL
LUMBER YARD
LUMBER
Site
1
2
3
4
Scale of Feet.
See Volume Two

1892


201
ROCHESTER, N. Y.
E. MAPLE
Erie Canal
BRIDGE
B. R. & P. R. R.
O"W. PIPE
OLD WELL OF GASOMETER
OLD VAC.
ICE HO.
COAL SHED
LUMBER
WM. B. MORSE LUMBER CO.
Tenement
THE ROCK ASPHALT PAVING CO.
SAND & MIXING SHED.
FURNACE
Slip
Canal
202
200
LITCHFIELD
CANAL
TROWBRIDGE
HYLAND
ALLEY
1
2
STONE YARD
W. N. Y. & P. R. R.
PLATFORM
DRIVEWAY
PLANK
THOS. CUNNINGHAM, SON AND CO.
No 1. CARRIAGE WORKS
No 2.
No 3.
No 4.
No 6.
OFFICES.
STORAGE, PACKING & SHIPPING.
BLKSM. SHOP
STORAGE
PAINTING
OFFICE
CARRIAGE REPAIRING
D. M. ANTHONY - STEAM BAKERY AND CRACKER FACTY
FLECKSTEIN BROS. STEAM BAKERY
ALLEY
PEARL
WEST AVE.
THE WYOMING
THE ARNO
10"W. PIPE
8"W. PIPE
4"W. PIPE
12"W. PIPE
VOLUME
TWO
SEE PROSPECT ST.
PARK PL.
Scale of Feet.

1892

Appendix - D

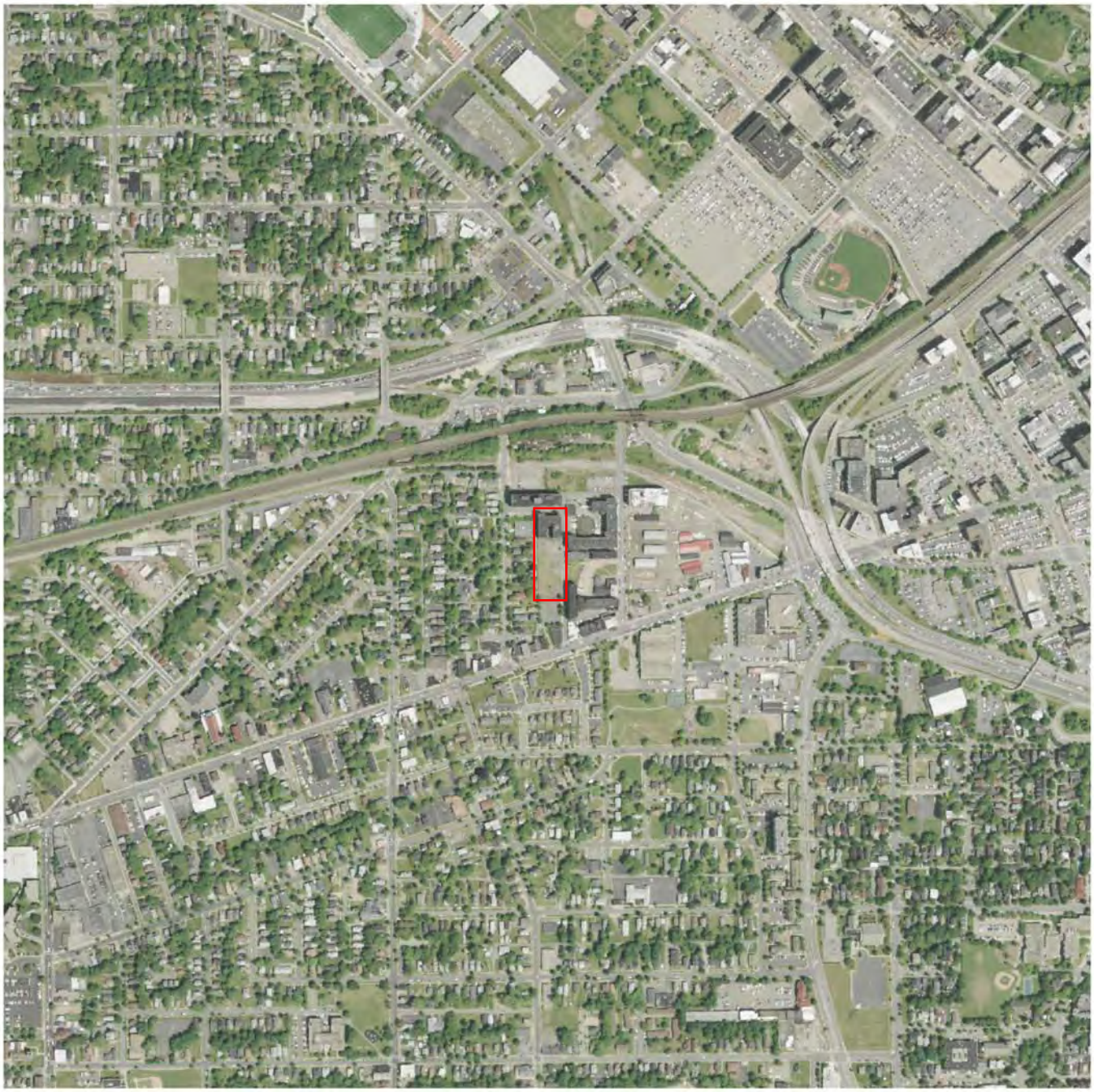
Aireal Photographs

Environmental FirstSearch

Historical Aerial Photo

2009

33 LITCHFIELD ST, ROCHESTER NY 14608



Job Number: 082410
Target Site: (Latitude: 43.154282, Longitude: -77.625789)

Approximate Scale: 1 inch equals 850 feet

Environmental FirstSearch

Historical Aerial Photo

1994

33 LITCHFIELD ST, ROCHESTER NY 14608

Job Number: 082410
Target Site: (Latitude: 43.154282, Longitude: -77.625789)

Approximate Scale: 1 inch equals 850 feet

Environmental FirstSearch

Historical Aerial Photo

1985

33 LITCHFIELD ST, ROCHESTER NY 14608

Job Number: 082410
Target Site: (Latitude: 43.154282, Longitude: -77.625789)

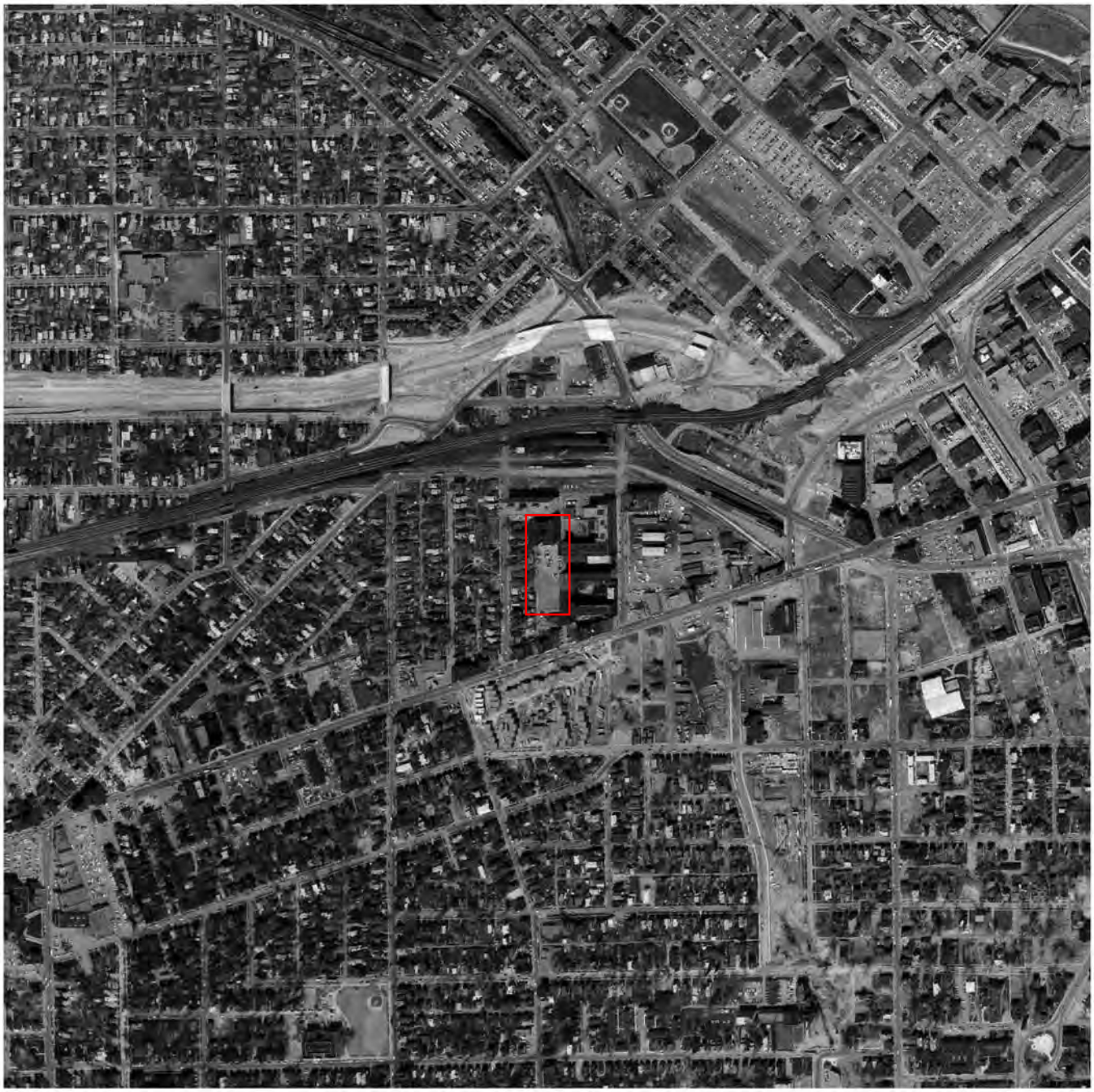
Approximate Scale: 1 inch equals 850 feet

Environmental FirstSearch

Historical Aerial Photo

1971

33 LITCHFIELD ST, ROCHESTER NY 14608



Job Number: 082410
Target Site: (Latitude: 43.154282, Longitude: -77.625789)

Approximate Scale: 1 inch equals 850 feet

Environmental FirstSearch

Historical Aerial Photo

1958

33 LITCHFIELD ST, ROCHESTER NY 14608

Job Number: 082410
Target Site: (Latitude: 43.154282, Longitude: -77.625789)

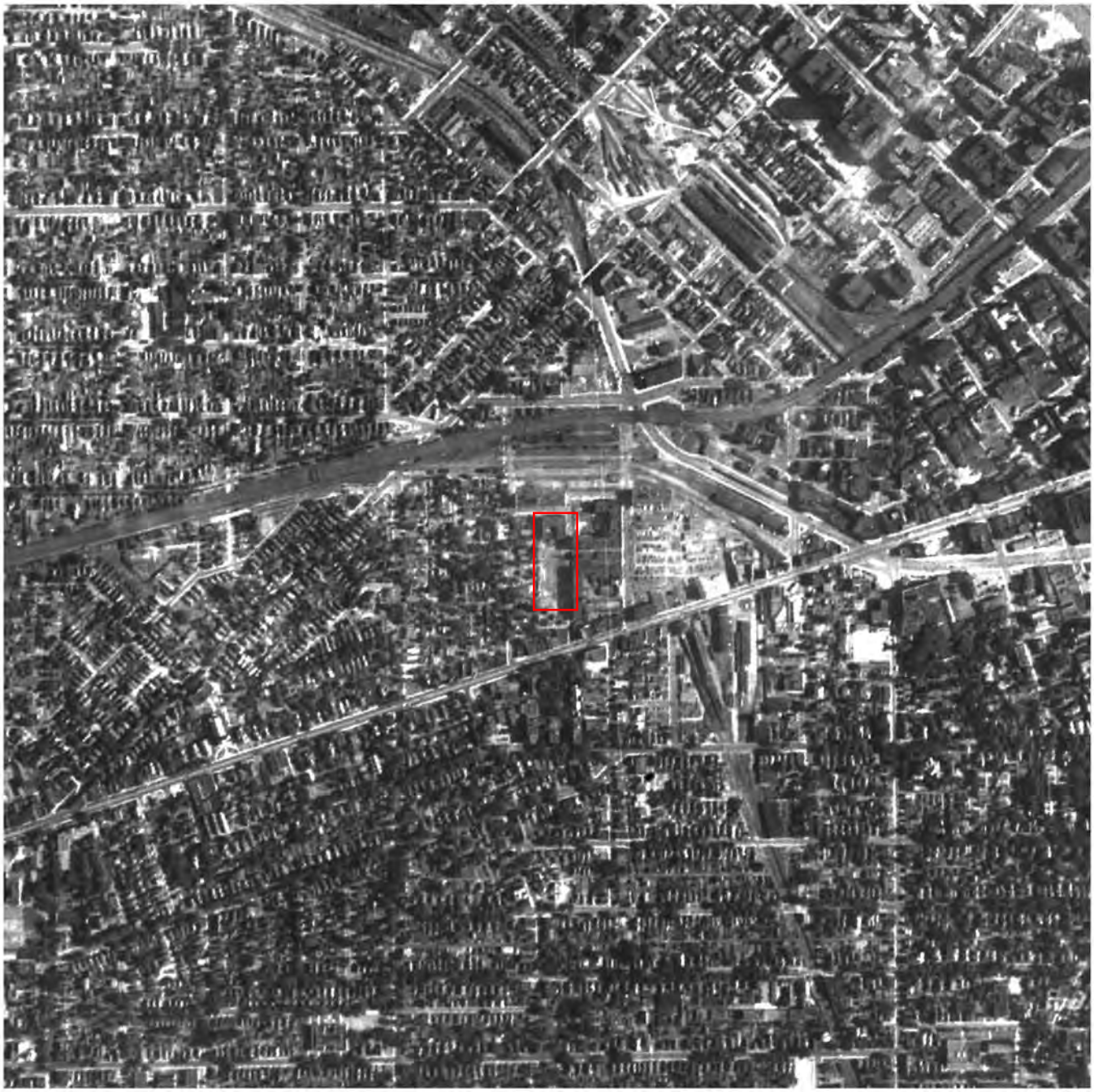
Approximate Scale: 1 inch equals 850 feet

Environmental FirstSearch

Historical Aerial Photo

1938

33 LITCHFIELD ST, ROCHESTER NY 14608



Job Number: 082410
Target Site: (Latitude: 43.154282, Longitude: -77.625789)

Approximate Scale: 1 inch equals 850 feet

Appendix - E

Database FieldCheck Report

FirstSearch Technology Corporation

Environmental FirstSearch ™ Report

Target Property:

33 LITCHFIELD ST

ROCHESTER NY 14608

Job Number: 082410

PREPARED FOR:

DECI

P.O. Box 249

Hamburg, NY 14075-0249

08-24-10

Tel: (781) 551-0470 *Fax: (781) 551-0471*

Environmental FirstSearch
Search Summary Report

Target Site: 33 LITCHFIELD ST
ROCHESTER NY 14608

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	08-01-10	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	08-02-10	0.50	0	0	0	0	-	0	0
CERCLIS	Y	07-02-10	0.50	0	0	1	0	-	0	1
NFRAP	Y	07-02-10	0.50	0	0	0	0	-	0	0
RCRA COR ACT	Y	07-14-10	1.00	0	0	0	0	1	0	1
RCRA TSD	Y	07-14-10	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	07-14-10	0.25	0	1	8	-	-	13	22
Federal Brownfield	Y	07-06-10	0.25	0	0	0	-	-	1	1
ERNS	Y	07-23-10	0.12	0	0	-	-	-	1	1
Tribal Lands	Y	12-01-05	1.00	0	0	0	0	0	4	4
State/Tribal Sites	Y	08-11-10	1.00	0	0	0	0	11	2	13
State Spills 90	Y	08-06-10	0.12	0	7	-	-	-	3	10
State/Tribal SWL	Y	05-03-06	0.50	0	0	0	0	-	2	2
State/Tribal LUST	Y	08-06-10	0.50	0	0	6	8	-	6	20
State/Tribal UST/AST	Y	08-11-10	0.25	0	1	4	-	-	1	6
State/Tribal EC	Y	08-11-10	0.25	0	0	0	-	-	0	0
State/Tribal IC	Y	08-11-10	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	08-11-10	0.50	0	1	1	0	-	0	2
State/Tribal Brownfields	Y	08-11-10	0.50	0	0	1	0	-	0	1
Federal IC/EC	Y	06-02-10	0.50	0	0	0	0	-	0	0
- TOTALS -				0	10	21	8	12	33	84

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to FirstSearch Technology Corp., certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in FirstSearch Technology Corp.'s databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although FirstSearch Technology Corp. uses its best efforts to research the actual location of each site, FirstSearch Technology Corp. does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of FirstSearch Technology Corp.'s services proceeding are signifying an understanding of FirstSearch Technology Corp.'s searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

Environmental FirstSearch
Site Information Report

Request Date:	08-24-10	**Search Type:**	COORD
Requestor Name:	mwpufpaff	**Job Number:**	082410
Standard:	ASTM-05	**Filtered Report**	

Target Site: 33 LITCHFIELD ST
ROCHESTER NY 14608

Demographics

Sites: 84 **Non-Geocoded:** 33 **Population:** NA

Radon: OF THE 6 HOMES TESTED, THE AVG. PCI/L LEVEL WAS 1.8

Site Location

	Degrees (Decimal)	Degrees (Min/Sec)		UTMs
Longitude:	-77.625789	-77:37:33	**Easting:**	286501.556
Latitude:	43.154282	43:9:15	**Northing:**	4781079.896
Elevation:	516		**Zone:**	18

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 1 Mile(s)

ZIP Code	City Name	ST	Dist/Dir	Sel
14604	ROCHESTER	NY	0.70 NE	Y
14611	ROCHESTER	NY	0.16 NW	Y
14614	ROCHESTER	NY	0.30 NE	Y
14605	ROCHESTER	NY	0.77 NE	N
14606	ROCHESTER	NY	0.43 NW	N
14607	ROCHESTER	NY	0.95 SE	N
14613	ROCHESTER	NY	0.89 NE	N
14619	ROCHESTER	NY	0.98 SW	N
14620	ROCHESTER	NY	0.83 SE	N

Services:

	Requested?	Date
Fire Insurance Maps	Yes	08-24-10
Aerial Photographs	Yes	08-24-10
Historical Topos	No	
City Directories	No	
Title Search/Env Liens	No	
Municipal Reports	No	
Online Topos	No	

Environmental FirstSearch
Sites Summary Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

TOTAL: 84 **GEOCODED:** 51 **NON GEOCODED:** 33 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
1	SPILLS	LITCHFIELD STREET (DRUM) 9009716/CLOSED	33 LITCHFIELD ST ROCHESTER NY 14608	0.02 SW	+ 2	1
2	SPILLS	CLARK ALLEY 0270442/CLOSED	18 KING ST ROCHESTER NY 14608	0.06 SW	+ 5	3
3	SPILLS	VOLUNTEERS OF AMERICA 0910281/ACTIVE	89 CANAL ST ROCHESTER NY 14608	0.08 NE	- 4	5
3	UST	VOLUNTEERS OF AMERICA PBS8-444804/ACTIVE	WESTERN NEW YORK ROCHESTER NY 14608	0.08 NE	- 4	7
3	SPILLS	VOLUTEERS OF AMERICA 9300522/CLOSED	89 CANAL ST ROCHESTER NY 14608	0.08 NE	- 4	10
4	RCRAGN	DURATEC FINISHING INC NYD981185796/SGN	90 CANAL ST ROCHESTER NY 14608	0.10 NE	- 5	12
5	VCP	RGE - CANAL ST. V00594/VCP	CANAL ST ROCHESTER NY 14608	0.10 NE	- 4	14
6	SPILLS	CANAL STREET GARBAGE CANS 9604960/CLOSED	1 CANAL ST ROCHESTER NY 14608	0.11 SE	0	15
7	SPILLS	SILVER ST AND EISMAN 9700102/CLOSED	EISMAN ALY and SILVER ST ROCHESTER NY 14608	0.11 NW	+ 3	17
8	SPILLS	JACKSON (SHARON) PROPERTY 0470282/ACTIVE	410 W MAIN ST ROCHESTER NY 14608	0.12 SE	- 1	18
9	RCRAGN	ROCHESTER CITY OF COMM OFFICE NYR000101873/SGN	BROWN ST ROCHESTER NY 14608	0.15 NW	+ 9	20
10	RCRAGN	ADFLEX CORP NYD980778401/VGN	284 ALLEN ST ROCHESTER NY 14608	0.16 NW	+ 4	21
11	RCRAGN	ADFLEX CORPORATION NYR000147314/LGN	83 LITCHFIELD ST ROCHESTER NY 14608	0.16 NE	+ 2	24
12	RCRAGN	RALPH BROTHERS ENT INC NYD986889202/VGN	570 W MAIN ST ROCHESTER NY 14608	0.18 SW	+ 10	25
13	UST	CITY OF ROCHESTER QUINT 8 PBS8-601407/ACTIVE	242 ALLEN ST ROCHESTER NY 14608	0.18 NE	- 10	26
14	LUST	REFINERS GAS STATION 9204888/CLOSED	362 W MAIN ST ROCHESTER NY 14608	0.18 SE	- 2	28
14	UST	VALERO PBS8-298433/ACTIVE	362 W MAIN ST ROCHESTER NY 14608	0.18 SE	- 2	30
15	UST	CIRCLE C PBS8-071684/ACTIVE	567 W MAIN ST ROCHESTER NY 14608	0.19 SW	+ 11	33
15	RCRAGN	ATLANTIC SERVICE STATION NYD986944429/VGN	567 W MAIN ST ROCHESTER NY 14608	0.19 SW	+ 11	36
15	LUST	ATLANTIC REFINING and MRKTG 8600542/CLOSED	567 W MAIN ST ROCHESTER NY 14608	0.19 SW	+ 11	37
16	LUST	ROCHESTER (C) FIRE DEPT 8702841/CLOSED	242 ALLEN ST ROCHESTER NY 14608	0.19 NE	- 10	38

Environmental FirstSearch
Sites Summary Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

TOTAL: 84 **GEOCODED:** 51 **NON GEOCODED:** 33 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
17	RCRAGN	CINTAS NYD981130032/SGN	333 W MAIN ST ROCHESTER NY 14608	0.21 SE	- 2	39
17	BROWNFIELD	FORMER ARTCO INDUSTRIAL LAUNDRIES C828102/HISTORIC-BCP	331 MAIN ST W ROCHESTER NY 14608	0.21 SE	- 2	40
17	RCRAGN	ARTCO - FORMER NYR000163063/SGN	333 W MAIN ST ROCHESTER NY 14608	0.21 SE	- 2	42
17	VCP	ARTCO INDUSTRIAL LAUNDRIES V00270/HISTORIC-VCP	333 W MAIN ST ROCHESTER NY 14608	0.21 SE	- 2	44
17	CERCLIS	ARTCO INUDSTRIAL LAUNDRIES, INC. NYD981130032/NOT PROPOSED	333 W MAIN ST ROCHESTER NY 14608	0.21 SE	- 2	45
18	LUST	BROWN (531) STREET 8600901/CLOSED	531 BROWN ST ROCHESTER NY 14611	0.21 NW	+ 7	46
19	UST	ELAM SAND and GRAVEL PBS8-507687/UNREGULATED	106 INDUSTRIAL ST ROCHESTER NY 14608	0.22 NE	- 7	47
20	RCRAGN	UPSTATE PAINTING NYD986925691/SGN	4 VAN AUKER ST ROCHESTER NY 14608	0.23 SE	- 2	50
20	LUST	HAVERSTICK BLDG 9001584/CLOSED	4 VAN AUKER ST ROCHESTER NY 14608	0.23 SE	- 2	51
20	LUST	FORD ST ASSOC PROPERTY 9000159/CLOSED	4 VAN AUKER ST ROCHESTER NY 14608	0.23 SE	- 2	52
21	LUST	TOLE RENTAL PROPERTY 9210783/CLOSED	60 CLIFTON ST ROCHESTER NY 14608	0.34 SW	+ 20	53
22	LUST	C and M FORWARDING 8908901/CLOSED	322 OAK ST ROCHESTER NY 14608	0.37 NE	- 3	55
23	LUST	REESE RESIDENCE 9613032/HISTORIC-CLOSED	210 ADAMS ST ROCHESTER NY 14608	0.41 SE	+ 2	56
24	LUST	SDA CHURCH 0200097/HISTORIC-CLOSED	309 JEFFERSON AVE ROCHESTER NY 14611	0.42 SW	+ 19	57
25	LUST	12 NORTH WASHINGTON 9203945/HISTORIC-CLOSED	12 N WASHINGTON ST ROCHESTER NY 14614	0.44 NE	- 12	58
26	LUST	OWENS, (RONALD) 8422167/CLOSED	207 WILDER ST ROCHESTER NY 14611	0.44 NW	- 7	59
27	LUST	KODAK/JAMRO SERVICE CTR 8707019/CLOSED	118 BROWN ST ROCHESTER NY 14608	0.48 NE	- 13	60
28	LUST	ANACOMA COOLING and HEATING 8905610/CLOSED	395 MAPLE ST ROCHESTER NY 14611	0.49 NW	+ 5	61
29	RCRACOR	BURROUGHS CORPORATION-RSP NYD000799247/CA	215 TREMONT ST ROCHESTER NY 14608	0.51 SE	+ 3	62
30	STATE	ERIE CANAL INDUSTRIAL PARK B2 HS8012/HISTORIC-HAZ SUBST W	OAK ST and SMITH ST ROCHESTER NY 14608	0.51 NW	- 8	64

Environmental FirstSearch
Sites Summary Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

TOTAL: 84 **GEOCODED:** 51 **NON GEOCODED:** 33 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
31	STATE	MILL STREET DRUMS 828058	208 MILL ST ROCHESTER NY 14614	0.63 NE	- 41	66
32	STATE	RGandE - BEEBEE STATION 828010/HISTORIC	254 MILL ST ROCHESTER NY 14614	0.63 NE	- 64	67
33	STATE	RGandE, FRONT STREET HS8048/HISTORIC	FRONT ST ROCHESTER NY 14614	0.72 NE	- 32	69
34	STATE	ROCHESTER METAL ETCHING HS8049/HISTORIC-HAZ SUBST W	100 LAKE AVE ROCHESTER NY 14608	0.84 NE	- 25	71
34	STATE	FORMER ROCHESTER METAL ETCHING COM 828100	ROCHESTER NY 14608	0.84 NE	- 25	73
35	STATE	FORMER RAECO PRODUCTS 828107	24 SPENCER ST ROCHESTER NY 14608	0.89 NE	- 34	76
36	STATE	TAYLOR INSTRUMENTS - DIV. COMB. EN 828028B/HISTORIC	95 AMES ST ROCHESTER NY 14611	0.93 SW	+ 10	79
36	STATE	TAYLOR INSTRUMENTS - DIV. COMB. EN 828028A	AMES ST ROCHESTER NY 14611	0.93 SW	+ 10	81
37	STATE	RGandE, AMBROSE YARD HS8045/HISTORIC-HAZ SUBST W	AMBROSE ST ROCHESTER NY 14613	0.95 NE	- 35	83
38	STATE	RGandE, EAST STATION (SUNPRU ST) HS8047/HISTORIC-HAZ SUBST W	8 SUNPRU ST ROCHESTER NY 14605	0.99 NE	- 20	85

Environmental FirstSearch
Sites Summary Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

TOTAL: 84 **GEOCODED:** 51 **NON GEOCODED:** 33 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTACT I BIA-14611	UNKNOWN NY 14611	NON GC	N/A	N/A
	LUST	ROCHESTER (CITY OF) 8707021/CLOSED	MILL ST ROCHESTER NY 14614	NON GC	N/A	N/A
	SPILLS	NYS ERIE CANAL 9601487/CLOSED	ERIE CANAL ROCHESTER NY	NON GC	N/A	N/A
	LUST	MORTIMER SUBSTATION 4202 0610366/CLOSED	BRIGHTON HENRIETTA TOWNLINE ROCHESTER NY	NON GC	N/A	N/A
	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTACT I BIA-14604	UNKNOWN NY 14604	NON GC	N/A	N/A
	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTACT I BIA-14608	UNKNOWN NY 14608	NON GC	N/A	N/A
	LUST	GULF OIL 7981029/CLOSED	PLYMOUTH AVE ROCHESTER NY 14611	NON GC	N/A	N/A
	LUST	HUB OIL COMPANY 7880217/CLOSED	MCKEE RD ROCHESTER NY 14611	NON GC	N/A	N/A
	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTACT I BIA-14614	UNKNOWN NY 14614	NON GC	N/A	N/A
	LUST	SMART MART 1001657/CLOSED	799 WEST MAIN ST ROCHESTER NY 14611	NON GC	N/A	N/A
	RCRAGN	NYSDOT BIN 1093869 NYR000147637/LGN	PLYMOUTH OVER I-490 AVE ROCHESTER NY 14611	NON GC	N/A	N/A
	RCRAGN	NYSDOT BIN 1093842 NYR000147512/LGN	I-490 EB OVER MAIN ROCHESTER NY 14608	NON GC	N/A	N/A
	RCRAGN	NYSDOT BIN 1093841 NYR000147504/LGN	W I-490 WB OVER MAIN ROCHESTER NY 14608	NON GC	N/A	N/A
	RCRAGN	NYSDOT BIN 1093820 NYR000148130/LGN	RTE 940T AT ALLEN OVER ST ROCHESTER NY 14608	NON GC	N/A	N/A
	RCRAGN	NYSDOT BIN 1093810 NYR000147496/LGN	W I-490 0.1 MI I-490 ROCHESTER NY 14608	NON GC	N/A	N/A
	RCRAGN	NYSDOT BIN 1062362 NYR000147470/LGN	1 EB OVER PLATT ST ROCHESTER NY 14608	NON GC	N/A	N/A
	RCRAGN	NYSDOT BIN 1062361 NYR000147462/LGN	I-490 WB OVER PLATT ROCHESTER NY 14608	NON GC	N/A	N/A
	RCRAGN	NYSDOT BIN 1062359 NYR000147454/LGN	I-490 OVER RTE 31X BROAD ROCHESTER NY 14608	NON GC	N/A	N/A
	RCRAGN	NYSDOT BIN 1062349 NYR000147447/LGN	I-490 OVER BROWN ST ROCHESTER NY 14608	NON GC	N/A	N/A
	FEDBROWNFIELD	FORMER CARIBBEAN SERVICE STATION 69597462-15308/EPA BROWNFIELD	935 WEST W. BROAD ST ROCHESTER NY 14608	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

TOTAL: 84 **GEOCODED:** 51 **NON GEOCODED:** 33 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SWL	ROCHESTER (C) C and D LF 8-28D22/INACTIVE	CITY HALL ROOM 326B ROCHESTER NY 14614	NON GC	N/A	N/A
	RCRAGN	NYSDOT BIN 1062389 NYR000147488/LGN	I-490 OVER GLIDE ST ROCHESTER NY 14611	NON GC	N/A	N/A
	LUST	GENERAL RAILWAY SIGNAL 8300881/HISTORIC-CLOSED	CAIRN ST OFF LYELL ROCHESTER NY	NON GC	N/A	N/A
	RCRAGN	NYSDOT BIN 7048700 NYR000147520/LGN	ROCH and SOUTHERN RR OVER I ROCHESTER NY 14611	NON GC	N/A	N/A
	RCRAGN	ROCHESTER HOUSING AUTHORITY NYP000955955/LGN	W MAIN ST ROCHESTER NY 14611	NON GC	N/A	N/A
	SPILLS	NYS BARGE CANAL 0070645/CLOSED	BARGE CANAL ROCHESTER NY	NON GC	N/A	N/A
	SPILLS	CIACCIA (PAUL) PROPERTY 0812254/CLOSED	99 CANAL ST ROCHESTER NY	NON GC	N/A	N/A
	STATE	BARTHELMES MANUFACTURING SITE 828122	15 CAIRN ST ROCHESTER NY 14611	NON GC	N/A	N/A
	STATE	ARTCO INDUSTRIAL LAUNDRIES 828102	331 W MAIN ST ROCHESTER NY 14608	NON GC	N/A	N/A
	ERNS	535593/HIGHWAY RELATED	ERIE CANAL ROCHESTER NY	NON GC	N/A	N/A
	SWL	CAIRN ST TRANSFER 8-28T10/INACTIVE	801 WEST AVE ROCHESTER NY 14611	NON GC	N/A	N/A
	UST	CINTAS CORP (LOCATION 411) CBS8-000480/ACTIVE	333 WEST MAIN ST ROCHESTER NY 14608	NON GC	N/A	N/A
	RCRAGN	NYSDOT BIN 1048729 NYR000144386/LGN	RTE I-490 BRIDGE OVER ROCHESTER NY 14611	NON GC	N/A	N/A

Environmental FirstSearch
Site Detail Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

SPILLS

SEARCH ID: 26 **DIST/DIR:** 0.02 SW **ELEVATION:** 518 **MAP ID:** 1

NAME: LITCHFIELD STREET (DRUM)
ADDRESS: 33 LITCHFIELD ST
ROCHESTER NY
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/6/10
ID1: 9009716
ID2: 231711
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 12/6/1990
DATE REPORTED: 12/6/1990
CLOSED DATE: 2/6/1991
INSP DATE:
MATERIAL SPILLED: UNKNOWN PETROLEUM
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 55 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: ABANDONED DRUMS
WATERBODY AFFECTED:
SOURCE OF SPILL: UNKNOWN
REPORTED BY: HEALTH DEPARTMENT
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: CAHETTEN
SPILL CONTACT:
TELEPHONE:

SPILLER: unknown

ADDRESS:
, NY
TELEPHONE:

REPORTED BY: HEALTH DEPARTMENT

LAST DEC UPDATE: 2/7/1991
CLEAN UP MEET STANDARDS? YES
PENALTY RECOMMENDED? NO

CALLER REMARKS: ONE 55-GAL DRUM OF UNKNOWN MATERIAL LEAKED ONTO BLACKTOP AREA COVERED WITH SOME SOIL.

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was CH / / : . 12/06/90: GREG BEYLER OF MCHD RESPONS TO SCENE ALONG W/GREG HIRSCH and ROCH FIRE DEPT. THERE IS NO MATERIAL LEFT IN DRUM. DRUM IS OVERPACKED and MATERIAL IS SCRAPED UP and ABSORBED and PLACED IN SEPARATE 55 GAL DRUM. 12/06/90: MATERIAL IS BLACK VISCOUS PRODUCT W/STRANGE ODOR, DOES NOT APPEAR TO BE PETROLEUM. OWNER OF PROPERTY CHARLES CYLER OF SHEEN and SHINE INC. 224 W. MAIN ST, ROCHESTED 423-2282 CLAIMS NO KNOWLEDGE OF DRUM. 12/17/90: GREG BEYLER CALLS TO SAY HE SPOKE W/ GREG HIRSCH OF ROCHESTER FIRE DEPT. and FIRE DEPT. PEOPLE THINK MATERIAL MAY HAVE BEEN A CREOSOTE BASED LIQUID,BASED ON THE ODOR. 02/06/91: REFERRED TO HAZ.WASTE REMEDIATION THROUGH F. RICOTTA TO M. KHALIL FOR FOLLOW UP AND DISPOSAL OF SPILL MATERIAL. 09/28/95: This is additional information about material spilled from the translation of the old spill file: UNKNOWN BLACK LIQUID.

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

SPILLS

SEARCH ID: 26 **DIST/DIR:** 0.02 SW **ELEVATION:** 518 **MAP ID:** 1

NAME: LITCHFIELD STREET (DRUM)
ADDRESS: 33 LITCHFIELD ST
ROCHESTER NY
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/6/10
ID1: 9009716
ID2: 231711
STATUS: CLOSED
PHONE:

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

SPILLS

SEARCH ID: 24 **DIST/DIR:** 0.06 SW **ELEVATION:** 521 **MAP ID:** 2

NAME: CLARK ALLEY
ADDRESS: 18 KING ST
ROCHESTER NY
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/6/10
ID1: 0270442
ID2: 173691
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 10/30/2002
DATE REPORTED: 11/4/2002
CLOSED DATE: 11/5/2002
INSP DATE:
MATERIAL SPILLED: WASTE OIL/USED OIL
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: ABANDONED DRUMS
WATERBODY AFFECTED:
SOURCE OF SPILL: UNKNOWN
REPORTED BY: LOCAL AGENCY
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: DLTILTON
SPILL CONTACT: ARLENE HIGHLAND
TELEPHONE: (585) 428-7676

SPILLER: UNKNOWN

ADDRESS:
, ZZ -
TELEPHONE:

REPORTED BY: LOCAL AGENCY

LAST DEC UPDATE: 11/7/2002
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: CALLER STATES THAT 2-55 GALLON DRUMS AND 2-15 GALLON DRUMS OF WASTE OIL WERE FOUND ABANDONED IN CLARK ALLEY BEHIND 18 KINGS STREET. THERE IS SOME SPILLAGE AROUND THE DRUMS. CALLER TO CONTACT ANNE SPAULDING TO HAVE THE CITY OF ROCHESTER CLEAN UP AND DISPOSE OF THE DRUMS. COPY TO LAW ENFORCEMENT. FAXED TO MCHD ON 11/04/2002 AT 1136 HRS.

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was DT 11/04/2002 ANNE SPAULDING OF THE CITY OF ROCHESTER HIRED MARCOR TO SAMPLE, OVERPACK AND DISPOSE OF THE DRUMS PROPERLY. NO FURTHER ACTION IS NEEDED BY SPILLS AT THIS TIME.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

SPILLS

SEARCH ID: 24 **DIST/DIR:** 0.06 SW **ELEVATION:** 521 **MAP ID:** 2

NAME: CLARK ALLEY
ADDRESS: 18 KING ST
ROCHESTER NY
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/6/10
ID1: 0270442
ID2: 173691
STATUS: CLOSED
PHONE:

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

SPILLS

SEARCH ID: 28 **DIST/DIR:** 0.08 NE **ELEVATION:** 512 **MAP ID:** 3

NAME: VOLUNTEERS OF AMERICA
ADDRESS: 89 CANAL ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/6/10
ID1: 0910281
ID2: 423032
STATUS: ACTIVE
PHONE:

SITE INFORMATION

SPILL DATE: 12/9/2009
DATE REPORTED: 12/16/2009
CLOSED DATE:
INSP DATE:
MATERIAL SPILLED: GASOLINE
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

MATERIAL SPILLED: DIESEL
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: UNKNOWN
WATERBODY AFFECTED:
SOURCE OF SPILL: NON MAJOR FACILITY > 1,100 GAL
REPORTED BY: RESPONSIBLE PARTY
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: tpwalsh
SPILL CONTACT: GREG AKIN
TELEPHONE: (585) 730-1498

SPILLER: VOLUNTEERS OF AMERICA
GREG AKIN
ADDRESS: 89 CANAL STREET
ROCHESTER, NY 14608
TELEPHONE:

REPORTED BY: RESPONSIBLE PARTY

LAST DEC UPDATE: 12/28/2009
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: INVENTORY RECORDS FOR 2 UNDERGROUND TANKS (GAS and DISEL) HAVE VARIANCES FOR THE LAST (3) 10 DAY PERIODS. AKIN TO SEE IF HE IS USING THE CORRECT TANK CHARTS, HAVE THE PUMPS CALIBRATED AND HAVE THE TANKS TESTED. PBS IS 8-444804. FAXED TO MCHD ON 12/17/09 AT 0931 HRS. COPY TO PBS.

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

SPILLS

SEARCH ID: 28 **DIST/DIR:** 0.08 NE **ELEVATION:** 512 **MAP ID:** 3

NAME: VOLUNTEERS OF AMERICA
ADDRESS: 89 CANAL ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/6/10
ID1: 0910281
ID2: 423032
STATUS: ACTIVE
PHONE:

DEC REMARKS:

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

UST

SEARCH ID: 34 **DIST/DIR:** 0.08 NE **ELEVATION:** 512 **MAP ID:** 3

NAME: VOLUNTEERS OF AMERICA
ADDRESS: WESTERN NEW YORK
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/11/10
ID1: PBS8-444804
ID2:
STATUS: ACTIVE
PHONE:

PETROLEUM BULK STORAGE FACILITY INFORMATION

SITE STATUS: ACTIVE
EXPIRATION DATE: 2013/06/28

CONTACT INFORMATION

COMPANY NAME: VOLUNTEERS OF AMERICA OF WESTERN NY, INC
CONTACT : GREG AKIN

,NN,

(585) 730-1498

COMPANY NAME: VOLUNTEERS OF AMERICA OF WESTERN NY, INC
CONTACT : GREG AKIN
FLEET MANAGER
214 LAKE AVENUE
ROCHESTER,NY, 14608

(585) 647-1150

COMPANY NAME: VOLUNTEERS OF AMERICA
CONTACT : GREG AKIN - FLEET MANAGER

WESTERN NEW YORK 89 CANAL STREET
ROCHESTER,NY, 14608

(585) 730-1498

COMPANY NAME: VOLUNTEERS OF AMERICA
CONTACT : VOLUNTEERS OF AMERICA

,NN,

(585) 328-9894

TANK INFORMATION

TANK NUMBER: 001A
TANKS STATUS: IN SERVICE
CAPACITY(GAL): 500
NEXT TEST:
REGISTERED: YES
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS

TANK ID: 176639
INSTALL DATE: 7/1/1993
DATE OF TEST: 12/22/2010
CLOSED DATE:
TANK TYPE: STEEL/CARBON STEEL

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

UST

SEARCH ID: 34 **DIST/DIR:** 0.08 NE **ELEVATION:** 512 **MAP ID:** 3

NAME: VOLUNTEERS OF AMERICA
ADDRESS: WESTERN NEW YORK
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/11/10
ID1: PBS8-444804
ID2:
STATUS: ACTIVE
PHONE:

TANK NUMBER: 001B
TANKS STATUS: IN SERVICE
CAPACITY(GAL): 2000
NEXT TEST:
REGISTERED: YES
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS
TANK ID: 176641
INSTALL DATE: 7/1/1993
DATE OF TEST: 12/22/2010
CLOSED DATE:
TANK TYPE: STEEL/CARBON STEEL

TANK NUMBER: 001X
TANKS STATUS: CLOSED - REMOVED
CAPACITY(GAL): 500
NEXT TEST:
REGISTERED: YES
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS
TANK ID: 176640
INSTALL DATE:
DATE OF TEST:
CLOSED DATE: 7/1/1993
TANK TYPE: STEEL/CARBON STEEL

TANK NUMBER: 002X
TANKS STATUS: CLOSED - REMOVED
CAPACITY(GAL): 2000
NEXT TEST:
REGISTERED: YES
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS
TANK ID: 176642
INSTALL DATE:
DATE OF TEST: 8/1/1989
CLOSED DATE: 7/1/1993
TANK TYPE: STEEL/CARBON STEEL

HISTORIC TANK INFORMATION FROM 2007

TANK NUMBER: 001
ACTIVE STATUS: ACTIVE
CLOSED:
PRODUCT: DIESEL
TANK STATUS: IN SERVICE
INSTALLED: 7/1/1993
TANK CAPACITY: 500 GALLONS

TANK TYPE: STEEL/CARBON STEEL/IRON
TANK LOCATION: UNDERGROUND
INTERNAL PROTECTION: NONE
EXTERNAL PROTECTION: ORIGINAL SACRIFICIAL ANODE
EXTERNAL PROTECTION 2: FIBERGLASS

PIPE TYPE: FIBERGLASS REINFORCED PLASTIC (FRP)
PIPE LOCATION: UNDERGROUND/ON-GROUND
EXTERNAL PROTECTION: FIBERGLASS
EXTERNAL PROTECTION 2:

SECONDARY CONTAINMENT: DOUBLE-WALLED (UNDERGROUND)
SECONDARY CONTAINMENT 2:
LEAK DETECTION: INTERSTITIAL - ELECTRONIC MONITORING
LEAK DETECTION 2:

OVERFILL PROTECTION: FLOAT VENT VALVE
OVERFILL PROTECTION 2:
DISPENSER: SUCTION
SPILL PREVENTION: CATCH BASIN
DATE TESTED:

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

UST

SEARCH ID: 34 **DIST/DIR:** 0.08 NE **ELEVATION:** 512 **MAP ID:** 3

NAME: VOLUNTEERS OF AMERICA
ADDRESS: WESTERN NEW YORK
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/11/10
ID1: PBS8-444804
ID2:
STATUS: ACTIVE
PHONE:

NEXT TEST:
TEST METHOD: TESTING NOT REQUIRED

TANK NUMBER: 001-A
ACTIVE STATUS: INACTIVE
CLOSED: 7/1/1993
PRODUCT: GASOLINE
TANK STATUS: CLOSED - REMOVED
INSTALLED:
TANK CAPACITY: 500 GALLONS

TANK TYPE: STEEL/CARBON STEEL/IRON
TANK LOCATION: UNDERGROUND
INTERNAL PROTECTION: NONE
EXTERNAL PROTECTION: NONE
EXTERNAL PROTECTION 2:

PIPE TYPE: STEEL/CARBON STEEL/IRON
PIPE LOCATION: NO PIPING
EXTERNAL PROTECTION: NONE
EXTERNAL PROTECTION 2:

SECONDARY CONTAINMENT: NONE
SECONDARY CONTAINMENT 2:
LEAK DETECTION: NONE
LEAK DETECTION 2:

OVERFILL PROTECTION: NONE
OVERFILL PROTECTION 2:
DISPENSER: SUCTION
SPILL PREVENTION:
DATE TESTED:
NEXT TEST:
TEST METHOD: TESTING NOT REQUIRED

TANK NUMBER: 002
ACTIVE STATUS: ACTIVE
CLOSED:
PRODUCT: GASOLINE
TANK STATUS: IN SERVICE
INSTALLED: 7/1/1993
TANK CAPACITY: 2000 GALLONS

TANK TYPE: STEEL/CARBON STEEL/IRON
TANK LOCATION: UNDERGROUND
INTERNAL PROTECTION: NONE
EXTERNAL PROTECTION: ORIGINAL SACRIFICIAL ANODE
EXTERNAL PROTECTION 2: FIBERGLASS

PIPE TYPE: FIBERGLASS REINFORCED PLASTIC (FRP)
PIPE LOCATION: UNDERGROUND/ON-GROUND
EXTERNAL PROTECTION: FIBERGLASS
EXTERNAL PROTECTION 2:

SECONDARY CONTAINMENT: DOUBLE-WALLED (UNDERGROUND)
SECONDARY CONTAINMENT 2:
LEAK DETECTION: INTERSTITIAL - ELECTRONIC MONITORING
LEAK DETECTION 2:

- More Details Exist For This Site; Max Page Limit Reached -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

SPILLS

SEARCH ID: 29 **DIST/DIR:** 0.08 NE **ELEVATION:** 512 **MAP ID:** 3

NAME: VOLUTEERS OF AMERICA
ADDRESS: 89 CANAL ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/6/10
ID1: 9300522
ID2: 155176
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 4/8/1993
DATE REPORTED: 4/8/1993
CLOSED DATE: 3/24/2004
INSP DATE:
MATERIAL SPILLED: GASOLINE
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: UNKNOWN
WATERBODY AFFECTED:
SOURCE OF SPILL: COMMERCIAL/INDUSTRIAL
REPORTED BY: FIRE DEPARTMENT
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: CAHETTEN
SPILL CONTACT:
TELEPHONE:

SPILLER: VOLUNTEERS OF AMERICA

ADDRESS: SAME
, ZZ
TELEPHONE:

REPORTED BY: FIRE DEPARTMENT

LAST DEC UPDATE: 2/4/2009
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: GASOLINE DISCOVERED IN BUILDING SUMP and LOADING DOCK. BELIEVE PROBLEM IS COMING FROM AN UNDERGROUND STORAGE TANK.

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was CH 04/08/93: FIRE DEPT and MONROE CO HEALTH, C HETTENBAUGH ON SITE. 04/08/93: CH ON SITE W/MCHD, FIRE INSPECTOR, and REPS FROM VOLUNTEERS OF AMERICA; GASOLINE WAS FOUND IN STORM CATCH BASIN. BASIN DRAINS INTO A SUMP IN BLDG and IS THEN PUMPED TO SEWER. AT FIRST IT IS.... 04/08/93: ..BELIEVED THAT MATERIAL MAY HAVE BEEN DUMPED. A HOLE IS DRIVEN INTO GROUND BETWEEN RETAINING WALL and PAVEMENT. ELEVATED READINGS ARE OBTAINED USING HNU. THIS GIVES EVIDENCE THAT TANK MAY BE LEAKING. 04/08/93: TWO TANKS ARE ON SITE. ONE DIESEL and A GASOLINE. FIRE DEPT REQUIRED THAT THE GASOLINE TANK BE PUMPED OUT. IT IS EMPTY AT MY INSPECTION. I REQUEST THAT GAS TANK BE TESTED OR REMOVED. 06/01/94: CH INSPECTS SITE. V.E.S. IS IN PLACE, BUT DOES NOT HAVE A SAMPLING PORT. VOLUNTEERS OF AMERICA EMPLOYEE SAYS THEY WILL INSTALL ONE. CH CHECKS MONITORING WELL W/BAILER. NO PRODUCT PRESENT and NO ... 06/01/94: ...ODOR TO WATER. CHECK THE DRAIN AT THE BOTTOM

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

SPILLS

SEARCH ID: 29 **DIST/DIR:** 0.08 NE **ELEVATION:** 512 **MAP ID:** 3

NAME: VOLUTEERS OF AMERICA
ADDRESS: 89 CANAL ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/6/10
ID1: 9300522
ID2: 155176
STATUS: CLOSED
PHONE:

OF NORTHERN LOADING DOCK WHERE PRODUCT WAS INITIALLY ENCOUNTERED. NO PRODUCT PRESENT and BILL DARLING OF VOA STATES HE HAS NOT NOTICED ANY PRODUCT THIS SPRING. 03/24/03: VES HAS BEEN IN PLACE SINCE THE DISCOVERY OF THIS SPILL. NO INDICATIONS THAT ANY RESIDUAL CONTAMINATION IS CAUSING ANY IMPACTS. NO FURTHER ACTION REQUIRED AT THIS TIME. 02/04/09: PAPER FILE REMOVED PER FILE RETENTION POLICY.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

RCRAGN

SEARCH ID: 8 **DIST/DIR:** 0.10 NE **ELEVATION:** 511 **MAP ID:** 4

NAME: DURATEC FINISHING INC
ADDRESS: 90 CANAL ST
ROCHESTER NY 14608
MONROE
CONTACT: MICHAEL NOBES
SOURCE: EPA

REV: 6/6/06
ID1: NYD981185796
ID2:
STATUS: SGN
PHONE: 7163282100

SITE INFORMATION

CONTACT INFORMATION: MICHAEL NOBES
761 HIGHLAND AVE
ROCHESTER NY 14620

PHONE: 7163282100

UNIVERSE INFORMATION:

GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: *N - NO*
GPRA POST CLOSURE: *N - NO*
GPRA CA: *N - NO*
GPRA COMPLIANCE MONITORING and ENFORCEMENT: *N - NO*

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA: N - NO
SUBJCA TSD 3004: N - NO
SUBJCA NON TSD: N - NO

SIGNIFICANT NON-COMPLIANCE(SNC): N - NO
BEGINNING OF THE YEAR SNC: N - NO
PERMIT WORKLOAD: -----
CLOSURE WORKLOAD: -----
POST CLOSURE WORKLOAD: -----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS: -----
CORRECTIVE ACTION WORKLOAD: N - NO
GENERATOR STATUS: SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000 KG/MONTH OF HAZARDOUS WASTE

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

Corrosive waste
The following spent non-halogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a to
The following spent non-halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol,

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

RCRAGN

SEARCH ID: 8 **DIST/DIR:** 0.10 NE **ELEVATION:** 511 **MAP ID:** 4

NAME:	DURATEC FINISHING INC	**REV:**	6/6/06
ADDRESS:	90 CANAL ST	**ID1:**	NYD981185796
	ROCHESTER NY 14608	**ID2:**	
	MONROE	**STATUS:**	SGN
CONTACT:	MICHAEL NOBES	**PHONE:**	7163282100
SOURCE:	EPA		

cyclohexanone, and methanol; all spent solvent mixtures/ blends containing, b

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

VCP

SEARCH ID: 51 **DIST/DIR:** 0.10 NE **ELEVATION:** 512 **MAP ID:** 5

NAME: RGE - CANAL ST.
ADDRESS: CANAL ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/11/10
ID1: V00594
ID2: 57128.00
STATUS: VCP
PHONE:

SITE INFORMATION

SIZE (ACRES):

REGION: 8

CLASS CODE:

DESCRIPTION:
The Canal Street former MGP site (RGandamp;E) is located on Canal Street in the City of Rochester, Monroe County, N.Y. The site is about 1.5 acres. The site is flat in topography and an existing commercial/residential building is located on the site. The MGP was operated from approx. 1888 to 1892, when an explosion occurred and plant was shutdown and demolised. The remnants of the former MGP have been demolished. A Site Characterization work plan was approved in September 2006. Field work was conducted in November 2006. A Site Characterization Report was submitted and additional work was required in 2008 and 2009. The Site Characterization is nearing completetion. Some low levels of BTEX were in two gw monitoring wells found near the former holder. Some additional work is being conducted and expected to be completed this fall 2009.

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
There is limited information on the impacts of this site since no investigations have been conducted. A Site Characterization is currently being conducted and is nearing completetion. Some low levels of BTEX were in two gw monitoring wells found near the former holder. Some additional work is being conducted and expected to be completed this fall 2009.

ASSESSMENT OF HEALTH PROBLEMS:

SITE OWNER/OPERATOR INFORMATION

MAGUIRE PROPERTIES, INC.

770 ROCK BEACH ROAD
ROCHESTER NY 14617
UNITED STATES OF AMERICA

SITE OWNER/OPERATOR INFORMATION

WM B MORSE LUMBER CO.

340 WEST MAIN STREET
ROCHESTER NY 14608
UNITED STATES OF AMERICA

SITE OWNER/OPERATOR INFORMATION

ROCHESTER GAS and ELECTRIC CORPORATION
KEVIN HYLTON
89 EAST AVENUE
ROCHESTER NY 14614
UNITED STATES OF AMERICA

WASTE MATERIALS

WASTE NAME **WASTE QUANTITY**

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

SPILLS

SEARCH ID: 23 **DIST/DIR:** 0.11 SE **ELEVATION:** 516 **MAP ID:** 6

NAME: CANAL STREET GARBAGE CANS
ADDRESS: 1 CANAL ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/6/10
ID1: 9604960
ID2: 322553
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 7/16/1996
DATE REPORTED: 7/16/1996
CLOSED DATE: 8/8/2000
INSP DATE:
MATERIAL SPILLED: OTHER -
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: ABANDONED DRUMS
WATERBODY AFFECTED:
SOURCE OF SPILL: UNKNOWN
REPORTED BY: HEALTH DEPARTMENT
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: DLTILTON
SPILL CONTACT:
TELEPHONE:

SPILLER: unknown

ADDRESS:
, NY
TELEPHONE:

REPORTED BY: HEALTH DEPARTMENT

LAST DEC UPDATE: 1/2/2009
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? YES

CALLER REMARKS: ED YURKSTAS STATED THAT AT THE CORNER OF 1A CANAL ST and BERDELL ALLEY ARE 3 GARBAGE CANS 1/3 FULL OF INDUSTRIAL WASTE SLUDGE. FILINGS MOST PROBABLY ARE ALUMINIUM .

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was DT 07/16/96 PIN 94708 TandA L206 CC 90947082--96. NATURES WAY HIRED AND IF NEEDED GALSON LABS TO RUN ANALYSIS. 07/25/96 BF CONTACTED BY ASSEMBLYMAN DAVID GANT. MR GANT VERY CONCERNED ABOUT DRUMS IN ALLEY NEAR HIS OFFICE. FINSTER CONTACTED NATURE S WAY REGARDING STATUS OF SAMPLE RESULTS. SAMPLES SENT TO GALSON LABS ON 07-17-96. 07/26/96 BF MADE ARRANGEMENT WITH TOM SINDELAIR FOR TWO DRUMS TO BE TRANSFERRED AND STORED AT MONROE CO HOUSEHOLD HAZARDOUS WASTE FACILITY UNTIL DISPOSAL (APPROX 2 WKS). NATURE S WAY TO TRANSPORT DRUMS TODAY TO THE HOUSHOLD HAZ WASTE FAC UNDER EMERGENCY WASTE HAULER S PERMIT IF NECESSARY. FINSTER CONTACTED JEFF MCCANN AT ASSEMBLYMAN GANT S OFFICE REGARDING STATUS. 08/20/96 PROVISIONAL I.D. IS NYP000927970. 01/02/09: PAPER FILE REMOVED PER FILE RETENTION POLICY.

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

SPILLS

SEARCH ID: 23 **DIST/DIR:** 0.11 SE **ELEVATION:** 516 **MAP ID:** 6

NAME: CANAL STREET GARBAGE CANS
ADDRESS: 1 CANAL ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/6/10
ID1: 9604960
ID2: 322553
STATUS: CLOSED
PHONE:

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

SPILLS

SEARCH ID: 27 **DIST/DIR:** 0.11 NW **ELEVATION:** 519 **MAP ID:** 7

NAME: SILVER ST AND EISMAN
ADDRESS: EISMAN ALY and SILVER ST
ROCHESTER NY
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/6/10
ID1: 9700102
ID2: 152455
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 4/2/1997
DATE REPORTED: 4/2/1997
CLOSED DATE: 4/2/1997
INSP DATE:
CAUSE OF SPILL: ABANDONED DRUMS
WATERBODY AFFECTED:
SOURCE OF SPILL: UNKNOWN
REPORTED BY: HEALTH DEPARTMENT
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: DLTILTON
SPILL CONTACT:
TELEPHONE:

SPILLER:

ADDRESS:
Update, ZZ
TELEPHONE:

REPORTED BY: HEALTH DEPARTMENT

LAST DEC UPDATE: 7/8/2003
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: 2- 55 GAL DRUMS OF WHAT APPEARS TO BE WASTE OIL ABANDONED ALONG THE SIDE OF BLDG DRUMS ARE ON THEIR SIDES BUT ARE NOT LEAKING MARK CONTACTED ANNE KLUMPP CITY OF ROCHESTER SHE WILL ARRANGE FOR DISPOSAL

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was DT 04/02/97 CITY OF ROCHESTER TO DISPOSE OF PROPERLY.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

SPILLS

SEARCH ID: 25 **DIST/DIR:** 0.12 SE **ELEVATION:** 515 **MAP ID:** 8

NAME: JACKSON (SHARON) PROPERTY
ADDRESS: 410 W MAIN ST
ROCHESTER NY
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/6/10
ID1: 0470282
ID2: 131697
STATUS: ACTIVE
PHONE:

SITE INFORMATION

SPILL DATE: 9/14/2004
DATE REPORTED: 9/14/2004
CLOSED DATE:
INSP DATE:
MATERIAL SPILLED: GASOLINE
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	False	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	True
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: UNKNOWN
WATERBODY AFFECTED:
SOURCE OF SPILL: GASOLINE STATION
REPORTED BY: LOCAL AGENCY
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: PRMILLER
SPILL CONTACT: JOE BIONDOLILLO
TELEPHONE: (585) 428-6649

SPILLER: SHARON JACKSON
GERALD MURPHEY (ATTORNEY)
ADDRESS: 29 CHIPPENHAM DRIVE
PENFIELD, NY 14526-
TELEPHONE:

REPORTED BY: LOCAL AGENCY

LAST DEC UPDATE: 6/2/2009
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: THIS SPILL INVOLVES AN INVESTIGATION PERFORMED AS PART OF A POSSIBLE PROPERTY PURCHASE BY THE CITY. THREE (3) WELLS INSTALLED. GROUNDWATER SAMPLES REVEALED CONTAMINATION. SOME FREE PRODUCT WAS EVIDENT IN THE SOIL DURING WELL INSTALLATION. THIS PROPERTY IS PART OF A MULTIPLE PURCHASE BY THE CITY (SEE ALSO SPILL 0406133; 390 WEST MAIN STREET) REPORT FAXED TO MCHD 9/15/04.

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was PM 10/15/2004: PM TELCON WITH JOE BIODOLLILO - CITY OF ROCHESTER. SITE IS FORMER GAS STATION AND MAY HAVE RESIDUAL CONTAMINATION IN OVERBURDEN AND BEDROCK. OWNER IS SHARON JACKSON AND ATTORNEY FOR JACKSON IS GERALD MURPHY 585-325-7517. SHARON JACKSON S MOTHER WHO HANDLES AFFAIRS OF SHARON IS 585-455-7965. TANKS APPEAR TO HAVE BEEN REMOVED THOUGH A FORMER FUEL OIL TANK WAS ENCOUNTERED IN TEST PITTING. 11/18/2004: RECEIVED PHASE I and II ENVIRONMENTAL ASSESSMENT FOR 390, 398 and 410 WEST MAIN STREET PROPERTIES. CONTAMINATION ENCOUNTERED NEAR 410 AND 390 WEST MAIN. 03/10/2007: RECIEVED TANK CLOSURE REPORT FORM GES, SIGNIFICANT CONTAMINATION IDENIFIED IN TANK BOTTOM SAMPLES.

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

SPILLS

SEARCH ID: 25 **DIST/DIR:** 0.12 SE **ELEVATION:** 515 **MAP ID:** 8

NAME: JACKSON (SHARON) PROPERTY
ADDRESS: 410 W MAIN ST
ROCHESTER NY
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/6/10
ID1: 0470282
ID2: 131697
STATUS: ACTIVE
PHONE:

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

RCRAGN

SEARCH ID: 10 **DIST/DIR:** 0.15 NW **ELEVATION:** 525 **MAP ID:** 9

NAME: ROCHESTER CITY OF COMM OFFICE
ADDRESS: BROWN ST
ROCHESTER NY 14608
MONROE
CONTACT: ANNE SPAULDING
SOURCE: EPA

REV: 6/6/06
ID1: NYR000101873
ID2:
STATUS: SGN
PHONE: 7164287474

SITE INFORMATION

CONTACT INFORMATION: ANNE SPAULDING
30 CHURCH ST ROOM 300B
ROCHESTER NY 14614

PHONE: 7164287474

UNIVERSE INFORMATION:

GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: *N - NO*
GPRA POST CLOSURE: *N - NO*
GPRA CA: *N - NO*
GPRA COMPLIANCE MONITORING and ENFORCEMENT: *N - NO*

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA: N - NO
SUBJCA TSD 3004: N - NO
SUBJCA NON TSD: N - NO

SIGNIFICANT NON-COMPLIANCE(SNC): N - NO
BEGINNING OF THE YEAR SNC: N - NO
PERMIT WORKLOAD: -----
CLOSURE WORKLOAD: -----
POST CLOSURE WORKLOAD: -----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS: -----
CORRECTIVE ACTION WORKLOAD: N - NO
GENERATOR STATUS: SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000 KG/MONTH OF HAZARDOUS WASTE

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

D000
Lead

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

RCRAGN

SEARCH ID: 3 **DIST/DIR:** 0.16 NW **ELEVATION:** 520 **MAP ID:** 10

NAME: ADFLEX CORP
ADDRESS: 284 ALLEN ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: EPA

REV: 7/14/10
ID1: NYD980778401
ID2:
STATUS: VGN
PHONE:

SITE INFORMATION

CONTACT INFORMATION: JOSEPH ANDOLORA
284 ALLEN ST
ROCHESTER NY 14608

PHONE: 7164542950

UNIVERSE INFORMATION:

GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: *N - NO*
GPRA POST CLOSURE: *N - NO*
GPRA CA: *N - NO*
GPRA COMPLIANCE MONITORING and ENFORCEMENT: *N - NO*

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA: N - NO
SUBJCA TSD 3004: N - NO
SUBJCA NON TSD: N - NO

SIGNIFICANT NON-COMPLIANCE(SNC): N - NO
BEGINNING OF THE YEAR SNC: N - NO
PERMIT WORKLOAD: -----
CLOSURE WORKLOAD: -----
POST CLOSURE WORKLOAD: -----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS: -----
CORRECTIVE ACTION WORKLOAD: N - NO
GENERATOR STATUS: SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000 KG/MONTH OF HAZARDOUS WASTE

NAIC INFORMATION

323122 - PREPRESS SERVICES

ENFORCEMENT INFORMATION:

AGENCY: S - STATE **DATE:** 11/16/1994
TYPE: 210 - INITIAL 3008(A) COMPLIANCE ORDER

AGENCY: S - STATE **DATE:** 6/12/1995
TYPE: 310 - FINAL 3008(A) COMPLIANCE ORDER

AGENCY: E - EPA **DATE:** 10/6/1994
TYPE: 110 - VERBAL INFORMAL

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

RCRAGN

SEARCH ID: 3 **DIST/DIR:** 0.16 NW **ELEVATION:** 520 **MAP ID:** 10

NAME: ADFLEX CORP
ADDRESS: 284 ALLEN ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: EPA

REV: 7/14/10
ID1: NYD980778401
ID2:
STATUS: VGN
PHONE:

VIOLATION INFORMATION:

VIOLATION NUMBER:	0001	**RESPONSIBLE:**	E - EPA
DETERMINED:	2/24/1993	**DETERMINED BY:**	E - EPA
CITATION:	262.34(a)(3)		
VIOLATION NUMBER:	0001	**RESPONSIBLE:**	S - STATE
DETERMINED:	11/16/1994	**DETERMINED BY:**	S - STATE
CITATION:			
RESOLVED:	1/12/1995		
TYPE:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)		
RESOLVED:	7/19/1995		
TYPE:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)		
VIOLATION NUMBER:	0002	**RESPONSIBLE:**	E - EPA
DETERMINED:	2/24/1993	**DETERMINED BY:**	E - EPA
CITATION:	262.34(a)(2)		
VIOLATION NUMBER:	0002	**RESPONSIBLE:**	S - STATE
DETERMINED:	11/16/1994	**DETERMINED BY:**	S - STATE
CITATION:			
RESOLVED:	1/12/1995		
TYPE:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)		
RESOLVED:	7/19/1995		
TYPE:	GENERATOR-MANIFEST REQUIREMENTS		
VIOLATION NUMBER:	0003	**RESPONSIBLE:**	E - EPA
DETERMINED:	2/24/1993	**DETERMINED BY:**	E - EPA
CITATION:	264.16(d)(i)		
RESOLVED:	1/12/1995		
TYPE:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)		
VIOLATION NUMBER:	0004	**RESPONSIBLE:**	E - EPA
DETERMINED:	2/24/1993	**DETERMINED BY:**	E - EPA
CITATION:	264.16(d)(2)		
RESOLVED:	1/12/1995		
TYPE:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)		
VIOLATION NUMBER:	0005	**RESPONSIBLE:**	E - EPA
DETERMINED:	2/24/1993	**DETERMINED BY:**	E - EPA
CITATION:	264.16(d)(3)		
RESOLVED:	1/12/1995		
TYPE:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)		
VIOLATION NUMBER:	0006	**RESPONSIBLE:**	E - EPA
DETERMINED:	2/24/1993	**DETERMINED BY:**	E - EPA
CITATION:	264.16(c)		
RESOLVED:	1/12/1995		
TYPE:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)		
VIOLATION NUMBER:	0007	**RESPONSIBLE:**	E - EPA

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

RCRAGN

SEARCH ID: 3 **DIST/DIR:** 0.16 NW **ELEVATION:** 520 **MAP ID:** 10

NAME: ADFLEX CORP
ADDRESS: 284 ALLEN ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: EPA

REV: 7/14/10
ID1: NYD980778401
ID2:
STATUS: VGN
PHONE:

DETERMINED: 2/24/1993 **DETERMINED BY:** E - EPA
CITATION: 244.51(a)
RESOLVED: 1/12/1995
TYPE: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)

HAZARDOUS WASTE INFORMATION:

Benzene, methyl- (OR) Toluene
The following spent non-halogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a to
The following spent non-halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/ blends containing, b
The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane
Ethene, tetrachloro- (OR) Tetrachloroethylene
Ethene, trichloro- (OR) Trichloroethylene

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

RCRAGN

SEARCH ID: 4 **DIST/DIR:** 0.16 NE **ELEVATION:** 518 **MAP ID:** 11

NAME: ADFLEX CORPORATION
ADDRESS: 83 LITCHFIELD ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: EPA

REV: 7/14/10
ID1: NYR000147314
ID2:
STATUS: LGN
PHONE:

CONTACT INFORMATION:

ADLAI ADAMS
5854542950

UNIVERSE INFORMATION:

GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)
GPRA CA BASELINE UNIVERSE: *NO*
GPRA CA 2008: *NO*

SUBJECT TO CORRECTIVE ACTION (SUBJCA)
SUBJCA: NO
SUBJCA TSD 3004: NO
SUBJCA NON TSD: NO
SUBJCA TSD DISCRETION: NO

PERMIT WORKLOAD: -----
CLOSURE WORKLOAD: -----
POST CLOSURE WORKLOAD: -----

PERMITTING /CLOSURE/POST-CLOSURE PROGRESS: -----
CORRECTIVE ACTION WORKLOAD: NO
GENERATOR STATUS: LQG
TRANSPORTER: NO
UNIVERSAL WASTE: NO
RECYCLER: NO
USED OIL: NO
IMPORTER: NO
MIXED WASTE GENERATOR: NO
ONSITE BURNER EXEMPT: NO
FURNACE EXEMPTION: NO
UNDERGROUND INJECTION: NO

NAIC 1: Commercial Flexographic Printing
NAIC 2:
NAIC 3:
NAIC 4:

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

RCRAGN

SEARCH ID: 9 **DIST/DIR:** 0.18 SW **ELEVATION:** 526 **MAP ID:** 12

NAME: RALPH BROTHERS ENT INC
ADDRESS: 570 W MAIN ST
ROCHESTER NY 14611
MONROE
CONTACT:
SOURCE: EPA

REV: 7/14/10
ID1: NYD986889202
ID2:
STATUS: VGN
PHONE:

SITE INFORMATION

CONTACT INFORMATION: RALPH PONTIAC
570 W MAIN ST
ROCHESTER NY 14611

PHONE: 2125551212

UNIVERSE INFORMATION:

GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: *N - NO*
GPRA POST CLOSURE: *N - NO*
GPRA CA: *N - NO*
GPRA COMPLIANCE MONITORING and ENFORCEMENT: *N - NO*

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA: N - NO
SUBJCA TSD 3004: N - NO
SUBJCA NON TSD: N - NO

SIGNIFICANT NON-COMPLIANCE(SNC): N - NO
BEGINNING OF THE YEAR SNC: N - NO
PERMIT WORKLOAD: -----
CLOSURE WORKLOAD: -----
POST CLOSURE WORKLOAD: -----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS: -----
CORRECTIVE ACTION WORKLOAD: N - NO
GENERATOR STATUS: SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000 KG/MONTH OF HAZARDOUS WASTE

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

The following spent non-halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/ blends containing, b
The following spent non-halogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a to

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

UST

SEARCH ID: 31 **DIST/DIR:** 0.18 NE **ELEVATION:** 506 **MAP ID:** 13

NAME: CITY OF ROCHESTER QUINT 8
ADDRESS: 242 ALLEN ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/11/10
ID1: PBS8-601407
ID2:
STATUS: ACTIVE
PHONE:

PETROLEUM BULK STORAGE FACILITY INFORMATION

SITE STATUS: ACTIVE
EXPIRATION DATE: 2014/07/24

CONTACT INFORMATION

COMPANY NAME: CITY OF ROCHESTER QUINT 8
CONTACT : ROCHESTER FIRE DEPARTMENT

,NY,

(585) 428-5952

COMPANY NAME: CITY OF ROCHESTER
CONTACT : ANNE E SPAULDING

30 CHURCH STREET, ROOM 300B
ROCHESTER,NY, 14614

(585) 428-7474
ANNE.SPAULDING

COMPANY NAME: CITY OF ROCHESTER
CONTACT : ANNE E SPAULDING
SR ENVIRONMENTAL SPECIALIST
30 CHURCH STREET
ROCHESTER,NY, 14614

(585) 428-6855

COMPANY NAME: CITY OF ROCHESTER
CONTACT : ROCHESTER FIRE DEPARTMENT

,NN,

(911)

TANK INFORMATION

TANK NUMBER: 001
TANK ID: 229728
TANKS STATUS: IN SERVICE
INSTALL DATE: 5/1/1993
CAPACITY(GAL): 1000
DATE OF TEST:
NEXT TEST:
CLOSED DATE:
REGISTERED: YES
TANK TYPE: FIBERGLASS COATED STEEL
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

UST

SEARCH ID: 31 **DIST/DIR:** 0.18 NE **ELEVATION:** 506 **MAP ID:** 13

NAME: CITY OF ROCHESTER QUINT 8
ADDRESS: 242 ALLEN ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/11/10
ID1: PBS8-601407
ID2:
STATUS: ACTIVE
PHONE:

HISTORIC TANK INFORMATION FROM 2007

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

LUST

SEARCH ID: 45 **DIST/DIR:** 0.18 SE **ELEVATION:** 514 **MAP ID:** 14

NAME: REFINERS GAS STATION
ADDRESS: 362 W MAIN ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/6/10
ID1: 9204888
ID2: 207258
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 7/28/1992
DATE REPORTED: 7/28/1992
CLOSED DATE: 6/24/2003
INSP DATE:
MATERIAL SPILLED: GASOLINE
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: TANK TEST FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: GASOLINE STATION
REPORTED BY: RESPONSIBLE PARTY
REGION:
UST TRUST? YES

SPILL INVESTIGATOR: TPWALSH
SPILL CONTACT:
TELEPHONE:

SPILLER: SCHWALB COAL and OIL

ADDRESS: 92 PORTLAND AVE
ROCHESTER, NY 14605
TELEPHONE:

REPORTED BY: RESPONSIBLE PARTY

LAST DEC UPDATE: 2/11/2009
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: 2,000 GAL UNLEADED TANK W/ETHYNOL MIX FAILED TANK TEST HORNER E-Z CHEK III. NO LEAK RATE BUT SIGNIFICANT LEAK. CONTACT PERSON: FRED SCHLAHER.

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was TW 07/29/92: PLAN TO EXCAVATE ALONG TANKS THURSDAY (7-30); WILL FILL IN PLACE IF APPROVAL GIVEN AS REMOVING TANKS MAY DISTURB ADJACENT TANKS. 11/22/95 WALSH ON SITE. PASSIVE S.V.E.S. STILL IN PLACE AT END OF PUMP ISLAND CLOSEST TO WEST MAIN STREET. 06/24/2003 REFER TO SPILL FILE 0270056 FOR FOLLOWUP. 03/27/08: PAPER FILE REMOVED PER FILE RETENTION POLICY.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

LUST

SEARCH ID: 45 **DIST/DIR:** 0.18 SE **ELEVATION:** 514 **MAP ID:** 14

NAME: REFINERS GAS STATION
ADDRESS: 362 W MAIN ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/6/10
ID1: 9204888
ID2: 207258
STATUS: CLOSED
PHONE:

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

UST

SEARCH ID: 33 **DIST/DIR:** 0.18 SE **ELEVATION:** 514 **MAP ID:** 14

NAME: VALERO
ADDRESS: 362 W MAIN ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/11/10
ID1: PBS8-298433
ID2:
STATUS: ACTIVE
PHONE:

PETROLEUM BULK STORAGE FACILITY INFORMATION

SITE STATUS: ACTIVE
EXPIRATION DATE: 2011/04/10

CONTACT INFORMATION

COMPANY NAME: 364 WEST MAIN STREET INC
CONTACT : CARL HASSELBACK
PRESIDENT
2115 WALDEN AVENUE
CHEEKTOWAGA,NY, 14225

(716) 684-5411

COMPANY NAME: VALERO
CONTACT : KULDIP KAUR

,NY,

(585) 235-5970

COMPANY NAME: 364 WEST MAIN STREET INC
CONTACT : CARL HASSELBACK

,NN,

(716) 861-4195

COMPANY NAME: 364 WEST MAIN STREET INC
CONTACT : CARL HASSELBACK

2115 WALDEN AVENUE
CHEEKTOWAGA,NY, 14225

(716) 861-4195

TANK INFORMATION

TANK NUMBER:	001	**TANK ID:**	175428
TANKS STATUS:	IN SERVICE	**INSTALL DATE:**	12/1/1997
CAPACITY(GAL):	12000	**DATE OF TEST:**	
NEXT TEST:		**CLOSED DATE:**	
REGISTERED:	YES	**TANK TYPE:**	STEEL/CARBON STEEL

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

UST

SEARCH ID: 33 **DIST/DIR:** 0.18 SE **ELEVATION:** 514 **MAP ID:** 14

NAME: VALERO
ADDRESS: 362 W MAIN ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/11/10
ID1: PBS8-298433
ID2:
STATUS: ACTIVE
PHONE:

TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS

TANK NUMBER: 001-A **TANK ID:** 175429
TANKS STATUS: CLOSED - REMOVED **INSTALL DATE:** 6/1/1975
CAPACITY(GAL): 5000 **DATE OF TEST:** 7/1/1992
NEXT TEST: **CLOSED DATE:** 11/1/1997
REGISTERED: YES **TANK TYPE:** STEEL/CARBON STEEL
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS

TANK NUMBER: 002 **TANK ID:** 146275
TANKS STATUS: CLOSED - REMOVED **INSTALL DATE:** 6/1/1975
CAPACITY(GAL): 5000 **DATE OF TEST:** 7/1/1992
NEXT TEST: **CLOSED DATE:** 11/1/1997
REGISTERED: YES **TANK TYPE:** STEEL/CARBON STEEL
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS

TANK NUMBER: 002A **TANK ID:** 156809
TANKS STATUS: IN SERVICE **INSTALL DATE:** 12/1/1997
CAPACITY(GAL): 8000 **DATE OF TEST:**
NEXT TEST: **CLOSED DATE:**
REGISTERED: YES **TANK TYPE:** STEEL/CARBON STEEL
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS

TANK NUMBER: 002B **TANK ID:** 156810
TANKS STATUS: IN SERVICE **INSTALL DATE:** 12/1/1997
CAPACITY(GAL): 4000 **DATE OF TEST:**
NEXT TEST: **CLOSED DATE:**
REGISTERED: YES **TANK TYPE:** STEEL/CARBON STEEL
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS

TANK NUMBER: 003 **TANK ID:** 146276
TANKS STATUS: CLOSED - REMOVED **INSTALL DATE:** 6/1/1975
CAPACITY(GAL): 5000 **DATE OF TEST:** 7/1/1992
NEXT TEST: **CLOSED DATE:** 11/1/1997
REGISTERED: YES **TANK TYPE:** STEEL/CARBON STEEL
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS

TANK NUMBER: 004 **TANK ID:** 146277
TANKS STATUS: CLOSED - REMOVED **INSTALL DATE:** 6/1/1975
CAPACITY(GAL): 5000 **DATE OF TEST:** 7/1/1992
NEXT TEST: **CLOSED DATE:** 11/1/1997
REGISTERED: YES **TANK TYPE:** STEEL/CARBON STEEL
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS

TANK NUMBER: 005 **TANK ID:** 146278
TANKS STATUS: CLOSED - REMOVED **INSTALL DATE:** 6/1/1975

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

UST

SEARCH ID: 33 **DIST/DIR:** 0.18 SE **ELEVATION:** 514 **MAP ID:** 14

NAME: VALERO
ADDRESS: 362 W MAIN ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/11/10
ID1: PBS8-298433
ID2:
STATUS: ACTIVE
PHONE:

CAPACITY(GAL): 4000
NEXT TEST:
REGISTERED: YES
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS
DATE OF TEST: 10/1/1986
CLOSED DATE: 11/1/1997
TANK TYPE: STEEL/CARBON STEEL

TANK NUMBER: 006
TANKS STATUS: IN SERVICE
CAPACITY(GAL): 2000
NEXT TEST:
REGISTERED: YES
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS
TANK ID: 175430
INSTALL DATE: 8/1/1992
DATE OF TEST:
CLOSED DATE:
TANK TYPE: EQUIVALENT TECHNOLOGY

TANK NUMBER: 006-A
TANKS STATUS: CLOSED - REMOVED
CAPACITY(GAL): 2000
NEXT TEST:
REGISTERED: YES
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS
TANK ID: 175431
INSTALL DATE: 6/1/1975
DATE OF TEST: 10/1/1986
CLOSED DATE: 8/1/1992
TANK TYPE: STEEL/CARBON STEEL

HISTORIC TANK INFORMATION FROM 2007

TANK NUMBER: 001
ACTIVE STATUS: ACTIVE
CLOSED:
PRODUCT: GASOLINE
TANK STATUS: IN SERVICE
INSTALLED: 12/1/1997
TANK CAPACITY: 12000 GALLONS

TANK TYPE: STEEL/CARBON STEEL/IRON
TANK LOCATION: UNDERGROUND
INTERNAL PROTECTION: NONE
EXTERNAL PROTECTION: PAINTED/ASPHALT COATING
EXTERNAL PROTECTION 2: ORIGINAL SACRIFICIAL ANODE

PIPE TYPE: EQUIVALENT TECHNOLOGY
PIPE LOCATION: UNDERGROUND/ON-GROUND
EXTERNAL PROTECTION: FIBERGLASS
EXTERNAL PROTECTION 2: Jacketed

SECONDARY CONTAINMENT: DOUBLE-WALLED (UNDERGROUND)
SECONDARY CONTAINMENT 2:
LEAK DETECTION: INTERSTITIAL - MANUAL MONITORING
LEAK DETECTION 2:

OVERFILL PROTECTION: AUTOMATIC SHUT-OFF
OVERFILL PROTECTION 2:
DISPENSER: SUBMERSIBLE
SPILL PREVENTION: CATCH BASIN
DATE TESTED:
NEXT TEST:
TEST METHOD: TESTING NOT REQUIRED

- More Details Exist For This Site; Max Page Limit Reached -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

UST

SEARCH ID: 30 **DIST/DIR:** 0.19 SW **ELEVATION:** 527 **MAP ID:** 15

NAME: CIRCLE C
ADDRESS: 567 W MAIN ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/11/10
ID1: PBS8-071684
ID2:
STATUS: ACTIVE
PHONE:

PETROLEUM BULK STORAGE FACILITY INFORMATION

SITE STATUS: ACTIVE
EXPIRATION DATE: 2010/11/03

CONTACT INFORMATION

COMPANY NAME:
CONTACT : KALA SINGH

8059 GRAYSTONE COURT
EAST AMHERST,NY, 14051

(716) 835-0461

COMPANY NAME: CIRCLE C
CONTACT : MOHAMED C HIMA

,NN,

(585) 235-1362

COMPANY NAME: KALA SINGH
CONTACT : KALA SINGH
OWNER
1981 FILLMORE AVENUE
BUFFALO,NY, 14214

(716) 835-0461

COMPANY NAME: KALA SINGH
CONTACT : MOHAMED C HIMA

,NN,

(585) 235-1362

TANK INFORMATION

TANK NUMBER:	001	**TANK ID:**	143181
TANKS STATUS:	IN SERVICE	**INSTALL DATE:**	7/1/1986
CAPACITY(GAL):	10000	**DATE OF TEST:**	5/13/2010
NEXT TEST:	5/13/2015	**CLOSED DATE:**	
REGISTERED:	YES	**TANK TYPE:**	EQUIVALENT TECHNOLOGY

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

UST

SEARCH ID: 30 **DIST/DIR:** 0.19 SW **ELEVATION:** 527 **MAP ID:** 15

NAME: CIRCLE C
ADDRESS: 567 W MAIN ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/11/10
ID1: PBS8-071684
ID2:
STATUS: ACTIVE
PHONE:

TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS

TANK NUMBER: 002
TANKS STATUS: IN SERVICE
CAPACITY(GAL): 10000
NEXT TEST: 5/13/2015
REGISTERED: YES
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS
TANK ID: 143182
INSTALL DATE: 7/1/1986
DATE OF TEST: 5/13/2010
CLOSED DATE:
TANK TYPE: EQUIVALENT TECHNOLOGY

TANK NUMBER: 003
TANKS STATUS: IN SERVICE
CAPACITY(GAL): 10000
NEXT TEST: 5/13/2015
REGISTERED: YES
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS
TANK ID: 143183
INSTALL DATE: 7/1/1986
DATE OF TEST: 5/13/2010
CLOSED DATE:
TANK TYPE: EQUIVALENT TECHNOLOGY

TANK NUMBER: 004
TANKS STATUS: CLOSED - REMOVED
CAPACITY(GAL): 550
NEXT TEST:
REGISTERED: YES
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS
TANK ID: 153086
INSTALL DATE: 1/1/1962
DATE OF TEST: 9/1/1993
CLOSED DATE: 7/1/1994
TANK TYPE: STEEL/CARBON STEEL

TANK NUMBER: 005
TANKS STATUS: CLOSED - REMOVED
CAPACITY(GAL): 550
NEXT TEST:
REGISTERED: YES
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS
TANK ID: 154675
INSTALL DATE:
DATE OF TEST:
CLOSED DATE: 7/1/1994
TANK TYPE: STEEL/CARBON STEEL

HISTORIC TANK INFORMATION FROM 2007

TANK NUMBER: 001
ACTIVE STATUS: ACTIVE
CLOSED:
PRODUCT: GASOLINE
TANK STATUS: IN SERVICE
INSTALLED: 7/1/1986
TANK CAPACITY: 10000 GALLONS

TANK TYPE: FIBERGLASS REINFORCED PLASTIC (FRP)
TANK LOCATION: UNDERGROUND
INTERNAL PROTECTION: NONE
EXTERNAL PROTECTION: FIBERGLASS
EXTERNAL PROTECTION 2:

PIPE TYPE: FIBERGLASS REINFORCED PLASTIC (FRP)
PIPE LOCATION: UNDERGROUND/ON-GROUND
EXTERNAL PROTECTION: FIBERGLASS
EXTERNAL PROTECTION 2:

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

UST

SEARCH ID: 30 **DIST/DIR:** 0.19 SW **ELEVATION:** 527 **MAP ID:** 15

NAME: CIRCLE C
ADDRESS: 567 W MAIN ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/11/10
ID1: PBS8-071684
ID2:
STATUS: ACTIVE
PHONE:

SECONDARY CONTAINMENT: NONE
SECONDARY CONTAINMENT 2:
LEAK DETECTION: GROUNDWATER WELL
LEAK DETECTION 2:

OVERFILL PROTECTION: FLOAT VENT VALVE
OVERFILL PROTECTION 2:
DISPENSER: SUBMERSIBLE
SPILL PREVENTION: CATCH BASIN
DATE TESTED: 10/12/2005
NEXT TEST: 10/12/2010
TEST METHOD: USTEST 2000/P/LL PLUS USTEST 2000/U

TANK NUMBER: 002 **TANK STATUS:** IN SERVICE
ACTIVE STATUS: ACTIVE **INSTALLED:** 7/1/1986
CLOSED: **TANK CAPACITY:** 10000 GALLONS
PRODUCT: GASOLINE

TANK TYPE: FIBERGLASS REINFORCED PLASTIC (FRP)
TANK LOCATION: UNDERGROUND
INTERNAL PROTECTION: NONE
EXTERNAL PROTECTION: FIBERGLASS
EXTERNAL PROTECTION 2:

PIPE TYPE: FIBERGLASS REINFORCED PLASTIC (FRP)
PIPE LOCATION: UNDERGROUND/ON-GROUND
EXTERNAL PROTECTION: FIBERGLASS
EXTERNAL PROTECTION 2:

SECONDARY CONTAINMENT: NONE
SECONDARY CONTAINMENT 2:
LEAK DETECTION: GROUNDWATER WELL
LEAK DETECTION 2:

OVERFILL PROTECTION: FLOAT VENT VALVE
OVERFILL PROTECTION 2:
DISPENSER: SUBMERSIBLE
SPILL PREVENTION: CATCH BASIN
DATE TESTED: 10/12/2005
NEXT TEST: 10/12/2010
TEST METHOD: USTEST 2000/P/LL PLUS USTEST 2000/U

TANK NUMBER: 003 **TANK STATUS:** IN SERVICE
ACTIVE STATUS: ACTIVE **INSTALLED:** 7/1/1986
CLOSED: **TANK CAPACITY:** 10000 GALLONS
PRODUCT: GASOLINE

TANK TYPE: FIBERGLASS REINFORCED PLASTIC (FRP)
TANK LOCATION: UNDERGROUND
INTERNAL PROTECTION: NONE
EXTERNAL PROTECTION: FIBERGLASS
EXTERNAL PROTECTION 2:

- More Details Exist For This Site; Max Page Limit Reached -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

RCRAGN

SEARCH ID: 6 **DIST/DIR:** 0.19 SW **ELEVATION:** 527 **MAP ID:** 15

NAME: ATLANTIC SERVICE STATION
ADDRESS: 567 W MAIN ST
ROCHESTER NY 14608
MONROE
CONTACT: WILLIAM DELAUGHTER
SOURCE: EPA

REV: 6/6/06
ID1: NYD986944429
ID2:
STATUS: VGN
PHONE: 2159776108

SITE INFORMATION

CONTACT INFORMATION: WILLIAM DELAUGHTER
567 W MAIN ST
ROCHESTER NY 14608

PHONE: 2159776108

UNIVERSE INFORMATION:

GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: *N - NO*
GPRA POST CLOSURE: *N - NO*
GPRA CA: *N - NO*
GPRA COMPLIANCE MONITORING and ENFORCEMENT: *N - NO*

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA: N - NO
SUBJCA TSD 3004: N - NO
SUBJCA NON TSD: N - NO

SIGNIFICANT NON-COMPLIANCE(SNC): N - NO
BEGINNING OF THE YEAR SNC: N - NO
PERMIT WORKLOAD: -----
CLOSURE WORKLOAD: -----
POST CLOSURE WORKLOAD: -----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS: -----
CORRECTIVE ACTION WORKLOAD: N - NO
GENERATOR STATUS: CEG - CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS: GENERATES LESS THAN 100 KG/MONTH OF HAZA
NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

Ignitable waste

Environmental FirstSearch
Site Detail Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

LUST

SEARCH ID: 37 **DIST/DIR:** 0.19 SW **ELEVATION:** 527 **MAP ID:** 15

NAME: ATLANTIC REFINING and MRKTG
ADDRESS: 567 W MAIN ST
ROCHESTER NY
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/6/10
ID1: 8600542
ID2: 105199
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 4/22/1986
CLOSED DATE: 3/31/1987
DATE REPORTED: 4/22/1986
INSP DATE:

MATERIAL SPILLED: GASOLINE
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 0 L
AMOUNT RECOVERED: 0 L

CAUSE OF SPILL: TANK TEST FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: GASOLINE STATION
REPORTED BY: RESPONSIBLE PARTY
CALLER REMARKS: (2) 4K U/G TANKS SYPHONED TOGETHER-SYSTEM FAIL.PETROTITE

REGION:
UST TRUST? YES

SPILL INVESTIGATOR: BLUEY
SPILL CONTACT:
TELEPHONE:

SPILLER: ATLANTIC REFINING and MRKTG

ADDRESS: 567 W. MAIN ST.
ROCHESTER, ZZ

TELEPHONE:

REPORTED BY: RESPONSIBLE PARTY

LAST DEC UPDATE: 5/8/2001
CLEAN UP MEET STANDARDS? YES
PENALTY RECOMMENDED? NO

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was CB / / : TANKS REMOVED. DEC REQUEST ON 5/8/86 THAT TEST HOLES BE DUG. 5/19/86 EXCAVATION TO BEGIN. 09/28/95: This is additional information about material spilled from the translation of the old spill file: REG. NO LEAD. 05/08/01: PAPER FILE REMOVED PER PAPER RETENTION POLICY.

THERE MAYBE MORE DEC REMARKS AVAILBLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

LUST

SEARCH ID: 46 **DIST/DIR:** 0.19 NE **ELEVATION:** 506 **MAP ID:** 16

NAME: ROCHESTER (C) FIRE DEPT
ADDRESS: 242 ALLEN ST
ROCHESTER NY
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/6/10
ID1: 8702841
ID2: 208244
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 7/9/1987
CLOSED DATE: 4/5/1988
DATE REPORTED: 7/9/1987
INSP DATE:

MATERIAL SPILLED: DIESEL
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 0
AMOUNT RECOVERED: 0

CAUSE OF SPILL: TANK TEST FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: TANK TESTER
CALLER REMARKS: TANK TEST FAILURE AT RATE OF .093 GAL/HR FOUND BY CITY PUMP AND TANK IN 550 GALLON TANK.

REGION:
UST TRUST? YES

SPILL INVESTIGATOR: BLUEY
SPILL CONTACT:
TELEPHONE:

SPILLER: ROCHESTER (C) FIRE DEPT

ADDRESS:
, ZZ

TELEPHONE:

REPORTED BY: TANK TESTER

LAST DEC UPDATE: 4/19/1988
CLEAN UP MEET STANDARDS? YES
PENALTY RECOMMENDED? NO

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was CB / / : REMOVAL PLANS UNDERWAY; CONTACT IS CHIEF JOHN GRAHAM 428-6739. 02/11/88: BOB DILAURA - ROCHESTER FIRE SAFETY IS OVERSEEING, WILL CONTACT ME WHEN REMOVAL IS SCHEDULED. 04/19/88: TANK REMOVED ON 4/5/88 W/BOB DILAURA-ROCH FIRE SAFETY PRESENT; NO CONTAMINATON.

THERE MAYBE MORE DEC REMARKS AVAILBLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

RCRAGN

SEARCH ID: 7 **DIST/DIR:** 0.21 SE **ELEVATION:** 514 **MAP ID:** 17

NAME: CINTAS
ADDRESS: 333 W MAIN ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: EPA

REV: 7/14/10
ID1: NYD981130032
ID2:
STATUS: SGN
PHONE:

SITE INFORMATION

CONTACT INFORMATION: RONALD CALACGNO

333 W MAIN ST
ROCHESTER NY 14608

PHONE: 7162357650

UNIVERSE NAME:

LGN: GENERATES MORE THAN 1000 KG/MONTH OF HAZARDOUS WASTE

SIC INFORMATION:

ENFORCEMENT INFORMATION:

AGENCY: S - STATE **DATE:** 23-MAY-97
TYPE: 120 - WRITTEN INFORMAL

AGENCY: S - STATE **DATE:** 02-JUL-87
TYPE: 120 - WRITTEN INFORMAL

VIOLATION INFORMATION:

VIOLATION NUMBER: 0001 **RESPONSIBLE:** S - STATE
DETERMINED: 21-MAY-87 **DETERMINED BY:** S - STATE
CITATION: **RESOLVED:** 05-AUG-1987
TYPE: GER - GENERATOR ALL REQUIREMENTS

VIOLATION NUMBER: 0002 **RESPONSIBLE:** S - STATE
DETERMINED: 23-MAY-97 **DETERMINED BY:** S - STATE
CITATION: **RESOLVED:** 27-JUN-1997
TYPE: GER - GENERATOR ALL REQUIREMENTS

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

BROWNFIELD

SEARCH ID: 49 **DIST/DIR:** 0.21 SE **ELEVATION:** 514 **MAP ID:** 17

NAME: FORMER ARTCO INDUSTRIAL LAUNDRIES
ADDRESS: 331 MAIN ST W
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/13/09
ID1: C828102
ID2: 355753.00
STATUS: HISTORIC-BCP
PHONE:

SITE INFORMATION

BCP = BROWNFIELD CLEANUP PROGRAM
ERP = ENVIRONMENTAL RESTORATION PROGRAM

SITE TYPE:

OPEN DUMP:	0	**STRUCTURE:**	-1
LAGOON:	0	**LANDFILL:**	0
POND:	0		
SIZE (ACRES):	2.800	**REGION:**	8

CLASS CODE:

DESCRIPTION:
Artco is located in a commercial area on the west side of the City of Rochester, Monroe County. The site consists of two contiguous parcels and totals about 2.8 acres. The Artco building is located at 331-337 West Main Street and the adjacent parcel consists of a parking lot and open grassland. No residential use borders the property on any side. Artco operated an industrial laundry service at the site between 1972 and 1999. The operations included a dry cleaning process. Tetrachloroethylene (PCE) was used as a solvent in the dry cleaning process. The building is currently occupied by another industrial laundry company called Cintas. Cintas never used PCE at the site. Environmental testing performed prior to and during construction of an adjacent building indicated that PCE was present in the soil and groundwater. The dry cleaning operation at Artco was later determined to be a source of the PCE. In 2000, Artco entered the Voluntary Cleanup Program (VCP). Elevated levels of PCE were detected in the soil underneath the building and in 2004 a soil vapor extraction (SVE) system was installed as an interim remedial measure (IRM) to treat a limited amount of contaminated soil. Groundwater at the site is also contaminated with PCE and contaminated groundwater appears to be migrating off-site to the north, west and east. A new Volunteer, Barnes/Stevens Redevelopment (BSR), submitted a BCP application in August of 2006. The application was accepted and an agreement was executed in April 2007. The next step is to complete additional investigation activities to determine the horizontal and vertical extent of contamination (on-site and off-site). As a Volunteer, BSR is responsible for addressing the contamination on the site. DEC is required to pursue the parties responsible for the contamination to address contaminants that have migrated off-site. Due to the inability of the responsible parties to address the off-site contamination, OGC issued a referral to use state superfund money to conduct the off-site evaluation. The off-site investigation started in June 2008. DEC approved BSR s work plan for additional on-site investigation in October 2007. The first task included a vapor intrusion evaluation of the on-site building. In April 2008, DEC requested BSR conduct an IRM to address vapor intrusion concerns at the site. DEC approved BSR s IRM work plan in March 2009.

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
The primary contaminants of concern at the site include tetrachloroethene (PCE) and associated breakdown compounds such as trichloroethene (TCE) and 1,2-dichloroethene (1,2-DCE). Preliminary investigations indicated that a plume of groundwater contamination appeared to be migrating off-site to the north, east, and west. Subsurface soil contamination associated with the dry cleaning operation was present underneath the building. Exceedances of standards, criteria, and guidance include PCE, TCE and 1,2-DCE in groundwater and sub-surface soils. Sub-surface soils near the dry cleaning machine also exhibited the characteristic of toxicity for PCE based on a TCLP analysis. The site represents a significant environmental threat due to the ongoing releases from sub-surface source areas in groundwater.

ASSESSMENT OF HEALTH PROBLEMS:
Access to the site is currently restricted to employees. Groundwater contamination exists on the property and may be impacting off-site properties. Exposures via drinking water are not expected because public water serves the area. The soil vapor extraction system, installed as an interim remedial measure underneath a portion of the building to remove contaminants from the source area, was also helping to prevent exposures to employees by reducing tetrachloroethene vapor concentrations under a portion of the building slab. The soil vapor extraction system is currently not operating, and is not expected to operate for the foreseeable future. Potential indoor air impacts at this property, and adjoining properties, need to be investigated.

SITE OWNER/OPERATOR INFORMATION

PHYLLIS WHEATLEY LIBRARY

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

BROWNFIELD

SEARCH ID: 49 **DIST/DIR:** 0.21 SE **ELEVATION:** 514 **MAP ID:** 17

NAME: FORMER ARTCO INDUSTRIAL LAUNDRIES
ADDRESS: 331 MAIN ST W
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/13/09
ID1: C828102
ID2: 355753.00
STATUS: HISTORIC-BCP
PHONE:

33 DR. SAMUEL MCCREE WAY
ROCHESTER NY 14608
UNITED STATES OF AMERICA

SITE OWNER/OPERATOR INFORMATION

333 W MAIN STREET, LLC
JOEL COHEN
440 CANFIELD ROAD
PITTSFORD NY 14534
UNITED STATES OF AMERICA

SITE OWNER/OPERATOR INFORMATION

CINTAS

331-337 WEST MAIN STREET
ROCHESTER NY 14608
UNITED STATES OF AMERICA

SITE OWNER/OPERATOR INFORMATION

BARNES/STEVENS REDEVELOPMENT, LLC
GREG STEVENS
120 CHILDS STREET
BUFFALO NY 14203
UNITED STATES OF AMERICA

WASTE MATERIALS

WASTE NAME	WASTE QUANTITY
TETRACHLOROETHYLENE (PCE)	UNKNOWN

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

RCRAGN

SEARCH ID: 5 **DIST/DIR:** 0.21 SE **ELEVATION:** 514 **MAP ID:** 17

NAME: ARTCO - FORMER
ADDRESS: 333 W MAIN ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: EPA

REV: 7/14/10
ID1: NYR000163063
ID2:
STATUS: SGN
PHONE:

SITE INFORMATION

CONTACT INFORMATION: THOMAS J BARNES ESQ
CHILDS ST
BUFFALO NY 14203

PHONE: 7168305779

UNIVERSE INFORMATION:

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA: N - NO
SUBJCA TSD 3004: N - NO
SUBJCA NON TSD: N - NO
SIGNIFICANT NON-COMPLIANCE(SNC): N - NO
BEGINNING OF THE YEAR SNC:
PERMIT WORKLOAD: -----
CLOSURE WORKLOAD: -----
POST CLOSURE WORKLOAD: -----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS: -----
CORRECTIVE ACTION WORKLOAD: N - NO
GENERATOR STATUS: SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000 KG/MONTH OF HAZARDOUS WASTE

INSTITUTIONAL CONTROL: N
HUMAN EXPOSURE:
GW CONTROLS:
LAND TYPE: P

NAIC INFORMATION

53119 - LESSORS OF OTHER REAL ESTATE PROPERTY

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

D001 - Ignitable waste
D039 - Tetrachloroethylene
D040 - Trichloroethylene
F002 - The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2, trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F001, F004,

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

RCRAGN

SEARCH ID: 5 **DIST/DIR:** 0.21 SE **ELEVATION:** 514 **MAP ID:** 17

NAME: ARTCO - FORMER
ADDRESS: 333 W MAIN ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: EPA

REV: 7/14/10
ID1: NYR000163063
ID2:
STATUS: SGN
PHONE:

and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F005 - The following spent non-halogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

VCP

SEARCH ID: 50 **DIST/DIR:** 0.21 SE **ELEVATION:** 514 **MAP ID:** 17

NAME: ARTCO INDUSTRIAL LAUNDRIES
ADDRESS: 333 W MAIN ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE:

REV: 7/1/07
ID1: V00270
ID2:
STATUS: HISTORIC-VCP
PHONE:

SITE INFORMATION

REGION: 8

TYPE OF PROGRAM: VOLUNTARY CLEANUP PROGRAM

SITE DESCRIPTION: Artco is located in a commercial area on the west side of the City of Rochester. Artco operated an industrial laundry service at the site between 1972 and 1999. The operations included a dry cleaning process. Tetrachloroethene, also known as perchloroethene or PCE, was used as a solvent in the dry cleaning process. The building is currently occupied by another industrial laundry company called Cintas. Cintas does not use PCE at the site. Environmental testing performed prior to and during construction of an adjacent building indicated that PCE was present in the soil and groundwater. The dry cleaning operation at Artco was later determined to be a source of the PCE. In 2000, Artco entered the Voluntary Cleanup Program (VCP). Elevated levels of PCE were detected in the soil underneath the building and in 2004 a soil vapor extraction system was installed as an interim remedial measure to treat contaminated soil. Groundwater at the site is also contaminated with PCE and additional investigation is needed to determine the extent of impacted groundwater.

HAZARDOUS WASTE DISPOSAL:	**QUANTITY:**
TETRACHLOROETHYLENE	UNKNOWN
HAZARDOUS SUBSTANCES	

ENVIRONMENTAL PROBLEM: Groundwater at the site is known to be contaminated by tetrachloroethene (PCE or perc) and associated breakdown products at levels exceeding the 6NYCRR Part 703 standards.

HEALTH PROBLEM:

Environmental FirstSearch
Site Detail Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

CERCLIS

SEARCH ID: 1 **DIST/DIR:** 0.21 SE **ELEVATION:** 514 **MAP ID:** 17

NAME: ARTCO INUDSTRIAL LAUNDRIES, INC.
ADDRESS: 333 W MAIN ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: EPA

REV: 7/2/10
ID1: NYD981130032
ID2: 0204140
STATUS: NOT PROPOSED
PHONE:

ACTION/QUALITY	AGENCY/RPS	START/RAA	END
discovery	State, Fund Financed		1/5/1998

DESCRIPTION:
12-14-2006: Report received and will be reviewed.

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

LUST

SEARCH ID: 38 **DIST/DIR:** 0.21 NW **ELEVATION:** 523 **MAP ID:** 18

NAME: BROWN (531) STREET
ADDRESS: 531 BROWN ST
ROCHESTER NY
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/6/10
ID1: 8600901
ID2: 264947
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 5/6/1986
CLOSED DATE: 3/31/1987
DATE REPORTED: 5/6/1986
INSP DATE:

MATERIAL SPILLED: GASOLINE
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 2 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: TANK FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: PASSENGER VEHICLE
REPORTED BY: FIRE DEPARTMENT
CALLER REMARKS: GAS TANK DROPPED FROM VEHICLE

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: BLUEY
SPILL CONTACT:
TELEPHONE:

SPILLER: UNKNOWN

ADDRESS:
, NY

TELEPHONE:

REPORTED BY: FIRE DEPARTMENT

LAST DEC UPDATE: 5/8/2001
CLEAN UP MEET STANDARDS? YES
PENALTY RECOMMENDED? NO

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was CB / / : FIRE DEPT. FLUSH AREA. 05/08/01: PAPER FILE REMOVED PER PAPER RETENTION POLICY.

THERE MAYBE MORE DEC REMARKS AVAILBLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

UST

SEARCH ID: 32 **DIST/DIR:** 0.22 NE **ELEVATION:** 509 **MAP ID:** 19

NAME: ELAM SAND and GRAVEL
ADDRESS: 106 INDUSTRIAL ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/11/10
ID1: PBS8-507687
ID2:
STATUS: UNREGULATED
PHONE:

PETROLEUM BULK STORAGE FACILITY INFORMATION

SITE STATUS: UNREGULATED
EXPIRATION DATE: N/A

CONTACT INFORMATION

COMPANY NAME: JOSEPH SPEZIO
CONTACT :

PO BOX 104
SCOTTSVILLE,NY, 14546

(716) 889-4346

COMPANY NAME: JOSEPH SPEZIO
CONTACT : JOSEPH SPEZIO

,NN,

(716) 238-0479

COMPANY NAME: ELAM SAND and GRAVEL
CONTACT : JOSEPH SPEZIO

,NN,

(716) 889-4346

COMPANY NAME: ELAM SAND and GRAVEL
CONTACT : JOSEPH SPEZIO

115 WEST RIVER ROAD PO BOX 104
SCOTTSVILLE,NY, 14546

(716) 889-4346

TANK INFORMATION

TANK NUMBER:	001	**TANK ID:**	149653
TANKS STATUS:	CLOSED - REMOVED	**INSTALL DATE:**	4/1/1983
CAPACITY(GAL):	1000	**DATE OF TEST:**	
NEXT TEST:		**CLOSED DATE:**	3/1/1991
REGISTERED:	YES	**TANK TYPE:**	STEEL/CARBON STEEL

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

UST

SEARCH ID: 32 **DIST/DIR:** 0.22 NE **ELEVATION:** 509 **MAP ID:** 19

NAME: ELAM SAND and GRAVEL
ADDRESS: 106 INDUSTRIAL ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/11/10
ID1: PBS8-507687
ID2:
STATUS: UNREGULATED
PHONE:

TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS

TANK NUMBER: 002
TANKS STATUS: CLOSED - REMOVED
CAPACITY(GAL): 1000
NEXT TEST:
REGISTERED: YES
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS
TANK ID: 149654
INSTALL DATE: 4/1/1983
DATE OF TEST:
CLOSED DATE: 3/1/1991
TANK TYPE: STEEL/CARBON STEEL

TANK NUMBER: 003
TANKS STATUS: CLOSED - REMOVED
CAPACITY(GAL): 1000
NEXT TEST:
REGISTERED: YES
TANK LOCATION: UNDERGROUND, VAULTED, WITH ACCESS
TANK ID: 149655
INSTALL DATE: 4/1/1983
DATE OF TEST:
CLOSED DATE: 3/1/1991
TANK TYPE: STEEL/CARBON STEEL

TANK NUMBER: 004
TANKS STATUS: CLOSED - REMOVED
CAPACITY(GAL): 250
NEXT TEST:
REGISTERED: YES
TANK LOCATION: ABOVEGROUND
TANK ID: 149656
INSTALL DATE: 5/1/1990
DATE OF TEST:
CLOSED DATE: 3/1/1991
TANK TYPE: STEEL/CARBON STEEL

HISTORIC TANK INFORMATION FROM 2007

TANK NUMBER: 001
ACTIVE STATUS: INACTIVE
CLOSED: 3/1/1991
PRODUCT: DIESEL
TANK STATUS: CLOSED - REMOVED
INSTALLED: 4/1/1983
TANK CAPACITY: 1000 GALLONS

TANK TYPE: STEEL/CARBON STEEL/IRON
TANK LOCATION: UNDERGROUND
INTERNAL PROTECTION: NONE
EXTERNAL PROTECTION: NONE
EXTERNAL PROTECTION 2:

PIPE TYPE: GALVANIZED STEEL
PIPE LOCATION: NO PIPING
EXTERNAL PROTECTION: NONE
EXTERNAL PROTECTION 2:

SECONDARY CONTAINMENT: DOUBLE-WALLED (UNDERGROUND)
SECONDARY CONTAINMENT 2:
LEAK DETECTION: NONE
LEAK DETECTION 2:

OVERFILL PROTECTION: NONE
OVERFILL PROTECTION 2:
DISPENSER: SUBMERSIBLE

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

UST

SEARCH ID: 32 **DIST/DIR:** 0.22 NE **ELEVATION:** 509 **MAP ID:** 19

NAME: ELAM SAND and GRAVEL
ADDRESS: 106 INDUSTRIAL ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/11/10
ID1: PBS8-507687
ID2:
STATUS: UNREGULATED
PHONE:

SPILL PREVENTION:
DATE TESTED:
NEXT TEST:
TEST METHOD: TESTING NOT REQUIRED

TANK NUMBER: 002
ACTIVE STATUS: INACTIVE
CLOSED: 3/1/1991
PRODUCT: DIESEL
TANK STATUS: CLOSED - REMOVED
INSTALLED: 4/1/1983
TANK CAPACITY: 1000 GALLONS

TANK TYPE: STEEL/CARBON STEEL/IRON
TANK LOCATION: UNDERGROUND
INTERNAL PROTECTION: NONE
EXTERNAL PROTECTION: NONE
EXTERNAL PROTECTION 2:

PIPE TYPE: GALVANIZED STEEL
PIPE LOCATION: NO PIPING
EXTERNAL PROTECTION: NONE
EXTERNAL PROTECTION 2:

SECONDARY CONTAINMENT: DOUBLE-WALLED (UNDERGROUND)
SECONDARY CONTAINMENT 2:
LEAK DETECTION: NONE
LEAK DETECTION 2:

OVERFILL PROTECTION: NONE
OVERFILL PROTECTION 2:
DISPENSER: SUBMERSIBLE
SPILL PREVENTION:
DATE TESTED:
NEXT TEST:
TEST METHOD: TESTING NOT REQUIRED

TANK NUMBER: 003
ACTIVE STATUS: INACTIVE
CLOSED: 3/1/1991
PRODUCT: DIESEL
TANK STATUS: CLOSED - REMOVED
INSTALLED: 4/1/1983
TANK CAPACITY: 1000 GALLONS

TANK TYPE: STEEL/CARBON STEEL/IRON
TANK LOCATION: UNDERGROUND
INTERNAL PROTECTION: NONE
EXTERNAL PROTECTION: NONE
EXTERNAL PROTECTION 2:

PIPE TYPE: GALVANIZED STEEL
PIPE LOCATION: NO PIPING
EXTERNAL PROTECTION: NONE
EXTERNAL PROTECTION 2:

SECONDARY CONTAINMENT: DOUBLE-WALLED (UNDERGROUND)
SECONDARY CONTAINMENT 2:
LEAK DETECTION: NONE

- More Details Exist For This Site; Max Page Limit Reached -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

RCRAGN

SEARCH ID: 11 **DIST/DIR:** 0.23 SE **ELEVATION:** 514 **MAP ID:** 20

NAME: UPSTATE PAINTING
ADDRESS: 4 VAN AUKER ST
ROCHESTER NY 14608
MONROE
CONTACT: MICHAEL RENNIE
SOURCE: EPA

REV: 6/6/06
ID1: NYD986925691
ID2:
STATUS: SGN
PHONE: 7162358050

SITE INFORMATION

CONTACT INFORMATION: MICHAEL RENNIE
4 VAN AUKER and FORD ST FORD ST EXIT
ROCHESTER NY 14608

PHONE: 7162358050

UNIVERSE INFORMATION:

GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: *N - NO*
GPRA POST CLOSURE: *N - NO*
GPRA CA: *N - NO*
GPRA COMPLIANCE MONITORING and ENFORCEMENT: *N - NO*

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA: N - NO
SUBJCA TSD 3004: N - NO
SUBJCA NON TSD: N - NO

SIGNIFICANT NON-COMPLIANCE(SNC): N - NO
BEGINNING OF THE YEAR SNC: N - NO
PERMIT WORKLOAD: -----
CLOSURE WORKLOAD: -----
POST CLOSURE WORKLOAD: -----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS: -----
CORRECTIVE ACTION WORKLOAD: N - NO
GENERATOR STATUS: SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000
KG/MONTH OF HAZARDOUS WASTE

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

Ignitable waste
Lead

Environmental FirstSearch
Site Detail Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

LUST

SEARCH ID: 41 **DIST/DIR:** 0.23 SE **ELEVATION:** 514 **MAP ID:** 20

NAME: HAVERSTICK BLDG
ADDRESS: 4 VAN AUKER ST
ROCHESTER NY
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/6/10
ID1: 9001584
ID2: 168580
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 5/9/1990
DATE REPORTED: 5/9/1990
CLOSED DATE: 6/5/1990
INSP DATE:
MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 0
AMOUNT RECOVERED: 0

RESOURCE AFFECTED

SOIL:	False	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	True
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: TANK FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: COMMERCIAL/INDUSTRIAL
REPORTED BY: OTHER
REGION:
UST TRUST? YES

SPILL INVESTIGATOR: PRMILLER
SPILL CONTACT:
TELEPHONE:

SPILLER:

ADDRESS:
Update, ZZ
TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 8/8/1990
CLEAN UP MEET STANDARDS? YES
PENALTY RECOMMENDED? NO

CALLER REMARKS: UPON REMOVAL OF TANK FROM VAULT, OIL WAS DISCOVERED ON WATER IN HOLE.

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was PM 05/09/90: P. MILLER ON SITE. INSPECTED EXCAVATION, REMOVED TANK SAT IN CONCRETE VAULT. OIL APPEARS TO BE LEACHING OUT OF RUBBLE. JACK B. MILLER, OWNER DECIDED TO HAVE RUBBLE REMOVED and DISPOSED OF. 05/09/90: J. MILLER, WILL CONTACT OFFICE WHEN HOLE IS CLEANED TO INSPECT. 06/05/90: RECEIVED FROM NATALIE REIGLE - EMPIRE SOILS, PHOTOGRAPHS OF CLEANED EXCAVATION.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Environmental FirstSearch
Site Detail Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

LUST

SEARCH ID: 40 **DIST/DIR:** 0.23 SE **ELEVATION:** 514 **MAP ID:** 20

NAME: FORD ST ASSOC PROPERTY
ADDRESS: 4 VAN AUKER ST
ROCHESTER NY
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/6/10
ID1: 9000159
ID2: 168579
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 4/4/1990
DATE REPORTED: 4/4/1990
CLOSED DATE: 4/5/1990
INSP DATE:
MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 15 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: TANK TEST FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: COMMERCIAL/INDUSTRIAL
REPORTED BY: RESPONSIBLE PARTY
REGION:
UST TRUST? YES

SPILL INVESTIGATOR: PCLINDEN
SPILL CONTACT:
TELEPHONE:

SPILLER: FORD ST ASSOC

ADDRESS: 4 VANAUKER STREET
ROCHESTER, NY
TELEPHONE:

REPORTED BY: RESPONSIBLE PARTY

LAST DEC UPDATE: 9/30/2004
CLEAN UP MEET STANDARDS? YES
PENALTY RECOMMENDED? NO

CALLER REMARKS: A 6,000 GAL UNDERGRND TANK IN CONCRETE VAULT.

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was PL 04/05/90: TRYING TO TEST TANK. FILL TUBE WOULD NOT HOLD. VENT PIPE WAS RUSTED OFF and PRODUCT RAN BACK INTO VAULT. THEY WERE DOING TO CLEAN UP PRODUCT IN VAULT. WILL DECIDE WHETHER TO ABANDON TANK OR NOT. 04/05/94: TANK BEING PUMPED OUT AND WILL INVESTIGATE. WALSH TO FOLLOW-UP.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

LUST

SEARCH ID: 48 **DIST/DIR:** 0.34 SW **ELEVATION:** 536 **MAP ID:** 21

NAME: TOLE RENTAL PROPERTY
ADDRESS: 60 CLIFTON ST
ROCHESTER NY
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/6/10
ID1: 9210783
ID2: 286991
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 12/14/1992
DATE REPORTED: 12/16/1992
CLOSED DATE: 7/29/1993
INSP DATE:
MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 200 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: TANK FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: PRIVATE DWELLING
REPORTED BY: FIRE DEPARTMENT
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: CAHETTEN
SPILL CONTACT:
TELEPHONE:

SPILLER: ERIC TOLE

ADDRESS: PO BOX 692
BERGEN, NY 14416
TELEPHONE:

REPORTED BY: FIRE DEPARTMENT

LAST DEC UPDATE: 2/24/2004
CLEAN UP MEET STANDARDS? YES
PENALTY RECOMMENDED? NO

CALLER REMARKS: PROPERTY IS RENTAL PROP. SAMPSON FUEL TO MAKE A FUEL DELIVERY. UNKNOWN PARTY HAD CAPPED TANK VENT W/THREADED CAP. DRIVER PROCEEDED TO FILL TANK. TANK BURST FROM PRESSURE. CONTACT: ERIC TOLE 494-2720

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was CH 12/16/92: FUEL SPILLED TO BASEMENT FLOOR. STONE WALLED BASEMENT WITH CONCRETE FLOOR. FIRE DEPT RESPONDED. RECOVERED APPROX 130 GAL OF FREE PRODUCT and 1 DRUM OF ABSORBENTS. BEYLER NOTIFIED D NAPIER OF NYSDOH. 12/16/92: BASEMENT BEING VENTILATED. CH MEETS ON SITE W/G BEYLER OF MCHD. TAKE HNU READINGS IN HOME. ON FIRST FLOOR LIVING AREA READINGS ARE 5 PPM. IN BASEMENT READINGS ARE 10 PPM. IN THE UPSTAIRS BACK ... 12/16/92: ...APARTMENT READINGS ARE 1-3 PPM. THE TENNANT HAS NOT BEEN VENTILATING THE BASEMENT. THE RUPTURED TANK IS STILL IN BASEMENT. THERE IS SPEEDY DRY ON THE BASEMENT FLOOR, BUT A LEAKING WATER LINE.... 12/16/92: ...IS SOAKING THE FLOOR and THE SPEEDY DRY RENDERING IS USELESS. THERE IS STILL SOME SATURATED SOIL and SPEEDY DRY THAT HAS TO BE REMOVED FROM THE BASEMENT. BEYLER TALKS TO PROPERTY MGR

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

LUST

SEARCH ID: 48 **DIST/DIR:** 0.34 SW **ELEVATION:** 536 **MAP ID:** 21

NAME: TOLE RENTAL PROPERTY
ADDRESS: 60 CLIFTON ST
ROCHESTER NY
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/6/10
ID1: 9210783
ID2: 286991
STATUS: CLOSED
PHONE:

TONY CAPOMACCIO... 12/16/92: ...AND THE MGR PROMISES TO FIX WATER LINE and WORK ON GETTING DEBRIS OUT OF BASEMENT AND APPLYING CLEAN SPEEDY DRY and WORKING IT INTO THE FLOOR. BEYELER STRESSES GETTING THE CELLAR CLEANEDUP ASAP. 12/16/92: CH AND BEYLER WILL INSPECT SITE ON 12-18-92 WITH DAVE NAPIER OF NYSDOH. 12/18/92: CH MEETS ON SITE W/GREG BEYLER OF MONROE CO HEAD DEPT AND D NAPIER OF NYS DOH. CONDITIONS HAVE IMPROVED SIGNIFICANTLY. CLEANUP IS MOSTLY DONE. PART OF BASEMENT FLOOR NEEDS TO BE CAPPED. 12/18/92: RECOMMEND CONTINUING VENTING BASEMENT. 07/29/93: CH SPEAKS W/TENNANT ON SITE. THEY ARE NO LONGER EXPERIENCING ANY ODOR PROBLEMS AND HAVE NOT BEEN FOR SOME TIME. NO FURTHER ACTION NECESSARY. 02/24/2004: PAPER FILE REMOVED PER FILE RETENTION POLICY.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Environmental FirstSearch
Site Detail Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

LUST

SEARCH ID: 39 **DIST/DIR:** 0.37 NE **ELEVATION:** 513 **MAP ID:** 22

NAME: C and M FORWARDING
ADDRESS: 322 OAK ST
ROCHESTER NY
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/6/10
ID1: 8908901
ID2: 182557
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 12/8/1989
CLOSED DATE: 12/27/1989
DATE REPORTED: 12/8/1989
INSP DATE: 12/27/1989

MATERIAL SPILLED: GASOLINE
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: TANK FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: COMMERCIAL/INDUSTRIAL
REPORTED BY: OTHER
CALLER REMARKS: PULLING 3 4,000 GALLON TANKS. PULLING 2 TONIGHT. CONTAMINATED SOIL FOUND. ALSO HOLES IN TANKS. FIRE MARSHALL, BOB DELORA, 428-7037, FIRESAFETY PERMIT OFFICE. GERALD DALY, CONTACT PERSON.

REGION:
UST TRUST? YES

SPILL INVESTIGATOR: PRMILLER
SPILL CONTACT:
TELEPHONE:

SPILLER: C and M FORWARDING

ADDRESS: 322 OAK ST AND BROWN
ROCHESTER, NY

TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 12/28/1989
CLEAN UP MEET STANDARDS? YES
PENALTY RECOMMENDED? NO

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was PM 12/08/89: 12/08/89 PETER MILLER (PM) TO INVESTIGATE. 12/11/89: 12/11/89 PM ON SITE W/GERALD DALEY, PRES and JOSEPH ALVES, TERMINAL MGR OF CandM FORWARDING CO, SEVERAL YARDS OF SOIL REMOVED CONTAMINATED W/DIESEL FUEL. 12/11/89: 12/11/89 PM SUGGESTED SOIL BE DISPOSED OF IN LANDFILL OR BIORECLAIMED DURING WARMER WEATHER. 12/27/89: 12/27/89, P. MILLER TELCON WITH JOE ALVES, SOIL TO BE DISPOSED OF IN LANDFILL, FORWARDED TO JOE GAVIN FOR FOLLOW UP, NO FURTHER ACTION BY SPILLS. 09/28/95: This is additional information about material spilled from the translation of the old spill file: GAS AND/OR DIESEL.

THERE MAYBE MORE DEC REMARKS AVAILBLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

LUST

SEARCH ID: 44 **DIST/DIR:** 0.41 SE **ELEVATION:** 518 **MAP ID:** 23

NAME: REESE RESIDENCE
ADDRESS: 210 ADAMS ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NY DEC

REV: 12/8/08
ID1: 9613032
ID2: 253873
STATUS: HISTORIC-CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 2/3/1997
CLOSED DATE: 6/19/2003
DATE REPORTED: 2/3/1997
INSP DATE:

MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 100 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: TANK FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: PRIVATE DWELLING
REPORTED BY: HEALTH DEPARTMENT
CALLER REMARKS: HOME HEATING OIL TANK RUSTED OUT LOSING OIL TO CELLAR - ROCHESTER FD FLUSHED THE OIL TO THE SANITARY SEWER NOTIFYING THE SEWER DISTRICT

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: TPWALSH
SPILL CONTACT: M S REESE
TELEPHONE: (716) 663-4957

SPILLER: REESE RESIDENCE
MS. EVELYN REESE
ADDRESS: 210 ADAMS STREET
ROCHESTER, NY 14610-

TELEPHONE:

REPORTED BY: HEALTH DEPARTMENT

LAST DEC UPDATE: 6/19/2003
CLEAN UP MEET STANDARDS? YES
PENALTY RECOMMENDED? NO

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was TW 02/04/97 WALSH, MILLER ON SITE. SPEEDY DRY HAS BEEN APPLIED TO AREA ON THE FLOOR AROUND THE TANK IN THE BASEMENT. FOUR DRUMS HAVE BEEN PLACED ON THE SIDE OF THE HOUSE, CONTAINING THE PRODUCT PUMPED FROM THE TANK. THE DRUM IS BEING USED TO SUPPLY FUEL FOR HEAT. 06/19/2003 NO FURTHER ACTION NEEDED.

THERE MAYBE MORE DEC REMARKS AVAILBLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

LUST

SEARCH ID: 47 **DIST/DIR:** 0.42 SW **ELEVATION:** 535 **MAP ID:** 24

NAME: SDA CHURCH
ADDRESS: 309 JEFFERSON AVE
ROCHESTER NY 14611
MONROE
CONTACT:
SOURCE: NY DEC

REV: 6/16/08
ID1: 0200097
ID2: 82969
STATUS: HISTORIC-CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 4/3/2002
CLOSED DATE: 4/3/2002
DATE REPORTED: 4/3/2002
INSP DATE:

MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 10 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: TANK FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: COMMERCIAL VEHICLE
REPORTED BY: RESPONSIBLE PARTY
CALLER REMARKS: GRIFFITH ENERGY OVERFILLED A TANK IN THE BASEMENT OF THE CHURCH, SPILLING APPROXIMATELY 10 GALLONS OF FUEL OIL TO THE BASEMENT FLOOR AND OUTSIDE THE CHURCH. CLEANUP OF THE CONCRETE FLOOR IS COMPLETE AND THE CONTAMINATED SOIL HAS BEEN DUG UP. FAXED TO MCHD ON 04/03/02 AT 1436 HRS.

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: DLTILTON
SPILL CONTACT: CALLER
TELEPHONE:

SPILLER: GRIFFITH ENERGY
CALLER
ADDRESS: 760 BROOKS AVENUE
ROCHESTER, NY -

TELEPHONE:

REPORTED BY: RESPONSIBLE PARTY

LAST DEC UPDATE: 4/5/2002
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was DT

THERE MAYBE MORE DEC REMARKS AVAILBLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

LUST

SEARCH ID: 35 **DIST/DIR:** 0.44 NE **ELEVATION:** 504 **MAP ID:** 25

NAME: 12 NORTH WASHINGTON
ADDRESS: 12 N WASHINGTON ST
ROCHESTER NY 14614
MONROE
CONTACT:
SOURCE: NY DEC

REV: 12/8/08
ID1: 9203945
ID2: 271976
STATUS: HISTORIC-CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 6/22/1992
CLOSED DATE: 7/6/1992
DATE REPORTED: 7/3/1992
INSP DATE:

MATERIAL SPILLED: UNKNOWN PETROLEUM
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 0
AMOUNT RECOVERED: 0

CAUSE OF SPILL: TANK FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: UNKNOWN
REPORTED BY: CITIZEN
CALLER REMARKS: AN ANONYMOUS CALLER SAYS THAT THERE WAS AN EXCAVATION MADE IN PARKING AREA AT THIS LOCATION TO DO WORK ON SEWER PIPE. IN PROCESS OF DIGGING, AN UNDERGROUND TANK WAS ENCOUNTERED and PUNCTURED.

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: DLTILTON
SPILL CONTACT:
TELEPHONE:

SPILLER: UNKNOWN

ADDRESS:
, NY

TELEPHONE:

REPORTED BY: CITIZEN

LAST DEC UPDATE: 7/7/1992
CLEAN UP MEET STANDARDS? YES
PENALTY RECOMMENDED? NO

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was DT 07/03/92: CONTACT PERSON: JIM SLOAN. AN UNKNOWN SLUDGE BEGAN LEAKING OUT OF TANK. CONCRETE WAS POURED OVER SLUDGE and TANK and EXCAVATION FILLED. MGR OF BLDG IS JIM SLOAN. SLOAN WAS AWARE OF THIS PROBLEM. 07/03/92: SITE IS BEHIND 140 WEST MAIN, DEPT OF LAOR. CALLER WISHES CALL BACK. D TILTON TO FOLLOW-UP. 07/03/92: D TILTON AND G BEYLER ON SITE; SPOKE WITH OWNER. NO TANKS ON PREMISES. WILL SEND COPY OF TANK CLOSURES. NO FURTHER ACITON NEEDED BY SPILLS UNIT.

THERE MAYBE MORE DEC REMARKS AVAILBLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

LUST

SEARCH ID: 43 **DIST/DIR:** 0.44 NW **ELEVATION:** 509 **MAP ID:** 26

NAME: OWENS, (RONALD)
ADDRESS: 207 WILDER ST
ROCHESTER NY
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/6/10
ID1: 8422167
ID2: 135815
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 10/12/1984
CLOSED DATE: 6/1/1986
DATE REPORTED: 11/13/1984
INSP DATE:

MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 55 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: TANK FAILURE
WATERBODY AFFECTED: STORM SEWER
SOURCE OF SPILL: UNKNOWN
REPORTED BY: OTHER
CALLER REMARKS: RUSTED BOTTOM OF 275 GALLON FUEL TANK ALLOWED OIL TO LEAK

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: PCLINDEN
SPILL CONTACT:
TELEPHONE:

SPILLER: OWENS, (RONALD)

ADDRESS: 207 WILDER ST
ROCHESTER, ZZ

TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 2/20/2001
CLEAN UP MEET STANDARDS? YES
PENALTY RECOMMENDED? NO

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was PL BECAUSE A SPILL NUMBER WAS ASSIGNED TO TWO DIFFERENT SPILL SITES, THIS SPILL HAS BEEN REASSIGNED THE NUMBER 8422167. NO FURTHER INFORMATION AVAILABLE IN DEC REGIONAL OFFICE. 02/20/01: PAPER FILE REMOVED PER PAPER RETENTION POLICY.

THERE MAYBE MORE DEC REMARKS AVAILBLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Environmental FirstSearch
Site Detail Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

LUST

SEARCH ID: 42 **DIST/DIR:** 0.48 NE **ELEVATION:** 503 **MAP ID:** 27

NAME: KODAK/JAMRO SERVICE CTR
ADDRESS: 118 BROWN ST
ROCHESTER NY
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/6/10
ID1: 8707019
ID2: 236470
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 10/26/1987
CLOSED DATE: 11/24/1987
DATE REPORTED: 10/26/1987
INSP DATE:

MATERIAL SPILLED: GASOLINE
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 0 L
AMOUNT RECOVERED: 0 L

CAUSE OF SPILL: TANK TEST FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: GASOLINE STATION
REPORTED BY: RESPONSIBLE PARTY
CALLER REMARKS: JAMRO OWNER, JIM WALSH, OWNED 2,000 GAL UG TANK WHICH FAILED TEST AT .06 GAL/HR, KODAK OWNS PROPERTY.

REGION:
UST TRUST? YES

SPILL INVESTIGATOR: BLUEY
SPILL CONTACT:
TELEPHONE:

SPILLER: KODAK

ADDRESS: 118 BROWN STREET
ROCHESTER, NY

TELEPHONE:

REPORTED BY: RESPONSIBLE PARTY

LAST DEC UPDATE: 8/14/2001
CLEAN UP MEET STANDARDS? YES
PENALTY RECOMMENDED? NO

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was CB / / : TANK HAS BEEN PUMPED OUT, KODAK TO REMOVE TANKS AND CLEAN UP SITE IF NEEDED. / / : TANKS REMOVED WITH BLUEY PRESENT ON 11/24/87; NO CONTAMINATION FOUND. 8/14/01: PAPER FILE REMOVED AS PER PAPER RETENTION POLICY.

THERE MAYBE MORE DEC REMARKS AVAILBLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Environmental FirstSearch
Site Detail Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

LUST

SEARCH ID: 36 **DIST/DIR:** 0.49 NW **ELEVATION:** 521 **MAP ID:** 28

NAME: ANACOMA COOLING and HEATING
ADDRESS: 395 MAPLE ST
ROCHESTER NY 14611
MONROE
CONTACT:
SOURCE: NY DEC

REV: 8/6/10
ID1: 8905610
ID2: 303954
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 9/7/1989
CLOSED DATE: 2/15/1990
DATE REPORTED: 9/8/1989
INSP DATE:

MATERIAL SPILLED: GASOLINE
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: TANK FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: COMMERCIAL/INDUSTRIAL
REPORTED BY: TANK TESTER
CALLER REMARKS: 10,000 GAL TANK TANKED HORNER EZY CHECK AT -.300 GAL/HR. TOTAL SYSTEM AND PIPING FAILED TEST. PAUL SUOZZI, TESTER. LOW LEVEL -.10752 GAL/HR.

REGION:
UST TRUST? YES

SPILL INVESTIGATOR: MAGER
SPILL CONTACT: PETER BRENNAN
TELEPHONE: (585) 436-1029 113

SPILLER: ANACOMA COOLING and HEATING

ADDRESS: 395 MAPLE STREET
ROCHESTER, NY

TELEPHONE:

REPORTED BY: TANK TESTER

LAST DEC UPDATE: 10/22/2004
CLEAN UP MEET STANDARDS? YES
PENALTY RECOMMENDED? NO

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was DM 09/11/89: 09/11/89 MARTY MCLAUGHLIN CALLED TERRY CROSBY 1030 INFORMED HIM TANK HAD TO BE REMOVED. 10/24/89: TANK WAS RETESTED BY INTERFACE AND PASSED WITH - .015 GAL/ HR.

THERE MAYBE MORE DEC REMARKS AVAILBLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

RCRACOR

SEARCH ID: 2 **DIST/DIR:** 0.51 SE **ELEVATION:** 519 **MAP ID:** 29

NAME: BURROUGHS CORPORATION-RSP
ADDRESS: 215 TREMONT ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: EPA

REV: 7/14/10
ID1: NYD000799247
ID2:
STATUS: CA
PHONE:

SITE INFORMATION

CONTACT INFORMATION: JOEL SHEDIOFSKY
215 TREMONT AVE
ROCHESTER NY 14608

PHONE: 7163287670

UNIVERSE INFORMATION:

GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: *N - NO*
GPRA POST CLOSURE: *N - NO*
GPRA CA: *N - NO*
GPRA COMPLIANCE MONITORING and ENFORCEMENT: *N - NO*

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA: Y - SUBJECT TO CORRECTIVE ACTION
SUBJCA TSD 3004: N - NO
SUBJCA NON TSD: N - NO

SIGNIFICANT NON-COMPLIANCE(SNC): N - NO
BEGINNING OF THE YEAR SNC: N - NO
PERMIT WORKLOAD: -----
CLOSURE WORKLOAD: ---S-
POST CLOSURE WORKLOAD: -----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS: ---S-
CORRECTIVE ACTION WORKLOAD: Y - CORRECTIVE ACTION WORKLOAD
GENERATOR STATUS: SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000 KG/MONTH OF HAZARD
NAIC INFORMATION

339944 - CARBON PAPER AND INKED RIBBON MANUFACTURING

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

CORRECTIVE ACTION INFORMATION

CA EVENT: 2/28/1990 CA150 - RFI WORKPLAN APPROVED

CA EVENT: 2/28/1990 CA070YE - DETERMINATION OF NEED FOR A RFI-RFI IS NECESSARY

CA EVENT: 2/28/1990 CA100 - RFI IMPOSITION

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

RCRACOR

SEARCH ID: 2 **DIST/DIR:** 0.51 SE **ELEVATION:** 519 **MAP ID:** 29

NAME: BURROUGHS CORPORATION-RSP
ADDRESS: 215 TREMONT ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: EPA

REV: 7/14/10
ID1: NYD000799247
ID2:
STATUS: CA
PHONE:

CA EVENT: 2/28/1991 CA650 - STABILIZATION CONSTRUCTION COMPLETED

CA EVENT: 12/10/1993 CA075ME - CA PRIORITIZATION-MEDIUM CA PRIORITY

CA EVENT: 5/9/1994 CA050 - RFA COMPLETED

CA EVENT: 3/30/1994 CA200 - RFI APPROVED

CA EVENT: 3/30/1994 CA350 - CMS APPROVED

CA EVENT: 3/30/1994 CA400 - DATE FOR REMEDY SELECTION (CM IMPOSED)

CA EVENT: 3/30/1995 CA500 - CMI WORKPLAN APPROVED

CA EVENT: 7/30/1995 CA550 - CERTIFICATION OF REMEDY COMPLETION (CMI)

HAZARDOUS WASTE INFORMATION:

Auramine (OR) Benzenamine, 4,4 -carbonimidoylbis<N,N-dimethyl-
Benzene, dimethyl- (I,T) (OR) Xylene (I)
Ethane, 1,1,1-trichloro- (OR) Methyl chloroform
The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 12 **DIST/DIR:** 0.51 NW **ELEVATION:** 508 **MAP ID:** 30

NAME: ERIE CANAL INDUSTRIAL PARK B2
ADDRESS: OAK ST and SMITH ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE:

REV: 10/16/01
ID1: HS8012
ID2: NONE
STATUS: HISTORIC-HAZ SUBST WASTE DISP
PHONE:

SITE INFORMATION

SITE TYPE: 1B - LEAKING TANKS, DRUMS, LAGOONS, OTHER CONTAINERS

OPENED: U - UNKNOWN
REGION: 8
REGISTRY: N - NO
HRS SCORE: U - UNKNOWN
RCRA: N - NO
QUADRANGLE: ROCHESTER WEST

CLOSED: U - UNKNOWN
COMPLETED: PHASE 2
REG SITE ID: N - NO
HRS DATE: U - UNKNOWN
ACRES: 11

OWNER: M - MUNICIPAL
CITY OF ROCHESTER

PHONE:

OPERATOR: M - MUNICIPAL
CITY OF ROCHESTER

PHONE:

DOES A THREAT TO THE ENVIRONMENT OR PUBLIC HEALTH EXIST:

P - PRIVATE OR PUBLIC HEALTH

DESCRIBE THE THREAT POSED BY THE DISPOSED HAZARDOUS SUBSTANCE:

Trespassers frequently use the property as a shortcut to Oak Street increasing the potential for the public to be exposed to contaminants through contact or inhalation. Additionally, utility workers performing subsurface work could be exposed to contaminants through inhalation or direct contact. The City of Rochester does not use groundwater as a source of drinking water.

DESCRIBE THE SITE:

A parcel of undeveloped industrial park land in the City of Rochester. Only the portion known as Block 2 is contaminated with hazardous substances. Historical records indicate that this area was used for industrial purposes over many years. A section of the old Erie Canal which is now filled in, runs through this property from the SE to the NW. The canal section was back filled with crushed stone in the 1980 s. There were two auto salvage yards on site. A voluntary cleanup agreement is under negotiation.

HAZARDOUS SUBSTANCE DISPOSED:

Lead (7439-92-1), ethylbenzene (100-41-4), PCB s (11097-69-1), toluene (108-88-3), 1,1,1 trichloroethane

VOCS: Y - YES
PCBS: Y - YES
METALS: Y - YES

SEMI VOCS: N - NO
PESTICIDES: N - NO
ASBESTOS: N - NO

SELECTED ANALYTICAL INFORMATION

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 12 **DIST/DIR:** 0.51 NW **ELEVATION:** 508 **MAP ID:** 30

NAME: ERIE CANAL INDUSTRIAL PARK B2
ADDRESS: OAK ST and SMITH ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE:

REV: 10/16/01
ID1: HS8012
ID2: NONE
STATUS: HISTORIC-HAZ SUBST WASTE DISP
PHONE:

AIR:

GROUNDWATER: Xylenes 220 ppb, 1,1,1 trichloroethane 120 ppb, benzene 22 ppb, chloroethene 20 ppb, 1,1 dichloroethane 72 ppb

SURFACE WATER:

SEDIMENT:

SURFACE SOIL:

SUBSURFACE SOIL: PCB s 66.9 ppb and 11.7 ppb, ethylbenzene 1.4 ppm

WASTE:

LEACHATE:

EPTOXICITY:

TCLP: Waste fail TCLP for lead.

SITE IMPACT DATA- AFFECTED MEDIA

SURFACE WATER:	U - UNKNOWN	**SURFACE WATER CLASS:**	U - UNKNOWN
GROUNDWATER:	Y - YES	**GROUNDWATER CLASS:**	U - UNKNOWN
DRINKING WATER:	N - NO	**ACTIVE DW SUPPLY:**	Y - YES
HAZ SUBSTANCE EXPOSED:	Y - YES	**AMBIENT AIR CONTAM:**	U - UNKNOWN
CONTROLLED SITE ACCESS:	N - NO	**FISH/WILD MORTALITY:**	N - NO
THREAT OF DIRECT CONTACT:	Y - YES		

SITE IMPACT DATA

SURFACE WATER: 2000 ft; northeast

GROUNDWATER: Groundwater flows to the North.

DRINKING WATER: U

FISH OR WILD LIFE MORTALITY:
BUILDING: 50 feet; commercial area to the northeast

REG AGENCIES INVOLVED:

PREPARER: PETE BOONE NYSDOH ENV. ENGINEERING TECH LANI RAFFERTY NYSDEC JULY 20, 1994

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 15 **DIST/DIR:** 0.63 NE **ELEVATION:** 475 **MAP ID:** 31

NAME: MILL STREET DRUMS
ADDRESS: 208 MILL ST
ROCHESTER NY
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/11/10
ID1: 828058
ID2: 58775.00
STATUS:
PHONE:

SITE INFORMATION

REGION: 8

SIZE (ACRES):

SITE TYPE:
OPEN DUMP: NO
LAGOON: NO
POND: NO

STRUCTURE: NO
LANDFILL: NO

SITE OWNER/OPERATOR INFORMATION:

NAME:
COMPANY: ERIC RONDEAU
ADDRESS:
ZZ
COUNTRY: UNITED STATES OF AMERICA

HAZARDOUS WASTE:	**QUANTITY:**
ACIDS	2 55 GAL DRUMS
OXIDIZERS	1 55 GAL DRUMS
SOLVENTS	2 55 GAL DRUMS
CYANIDE	1 55 GAL DRUM

HAZARDOUS WASTE DISPOSAL PERIOD: TO

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
The site was successfully remediated and no further actions were required.

ASSESSMENT OF HEALTH PROBLEMS:
Municipal water serves the area so exposures via drinking water are not expected. The potential for exposure was eliminated once the discarded drummed wastes and other materials were removed from the site to an approved disposal facility.

DESCRIPTION:
Several drums of cyanide wastes and other materials were abandoned and not leaking on Mill Street. NYSDEC assumed responsibility for cleanup under the Superfund Drum Removal Program. A NYSDEC-hired contractor sampled and disposed of the drums off-site. The site was successfully remediated, and no further actions were required.

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 16 **DIST/DIR:** 0.63 NE **ELEVATION:** 452 **MAP ID:** 32

NAME: RGandE - BEEBEE STATION
ADDRESS: 254 MILL ST
ROCHESTER NY 14614
MONROE
CONTACT:
SOURCE:

REV: 05/20/99
ID1: 828010
ID2: NYD043069996
STATUS: HISTORIC
PHONE:

CLASS CODE: D1 **REGION:** 8 **ESTIMATED SIZE:** ACRES

SITE TYPE:
OPEN DUMP:
LAGOON: X
POND:
STRUCTURE:
LANDFILL:

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S) NAME:
CURRENT OWNER(S) ADDRESS:
NY

OPERATOR(S) DURING DISPOSAL:
OPERATOR(S) ADDRESS:
NY

HAZARDOUS WASTE DISPOSAL PERIOD: unknown TO: 1979

SITE DESCRIPTION:
Lat 43 09 46 N Long 77 37 77 W Hillside topography - commercial - industrial area nearest water body: Genesee River Class B 100 feet This is an ina ctive lagoon - closed down in July 1979. Bottom ash was placed in the lagoon to settle out, and sludge was removed once/or twice a year to be landspread on property

CONFIRMED HAZARDOUS WASTE DISPOSAL:
metal oxides from bottom ash

QUANTITY:
unknown

ANALYTICAL DATA AVAILABLE FOR:
GROUNDWATER:
AIR:
SOIL:
SURFACE WATER: X
SEDIMENT:

APPLICABLE STANDARDS EXCEEDED FOR:
GROUNDWATER:
AIR:
SURFACE WATER:
DRINKING WATER:

GEOTECHNICAL INFORMATION:
SOIL/ROCK TYPE:
DEPTH TO GROUNDWATER: 1 to 5 feet.

LEGAL ACTION:
TYPE:
STATUS:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 16 **DIST/DIR:** 0.63 NE **ELEVATION:** 452 **MAP ID:** 32

NAME: RGandE - BEEBEE STATION
ADDRESS: 254 MILL ST
ROCHESTER NY 14614
MONROE
CONTACT:
SOURCE:

REV: 05/20/99
ID1: 828010
ID2: NYD043069996
STATUS: HISTORIC
PHONE:

REMEDIATION:
PROPOSED:
ACTIVE:
DESIGN:
COMPLETE:

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
No known environmental problems.

ASSESSMENT OF HEALTH PROBLEMS:

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 19 **DIST/DIR:** 0.72 NE **ELEVATION:** 484 **MAP ID:** 33

NAME: RGandE, FRONT STREET
ADDRESS: FRONT ST
ROCHESTER NY 14614
MONROE
CONTACT:
SOURCE:

REV: 05/20/99
ID1: HS8048
ID2: NONE
STATUS: HISTORIC
PHONE:

OWNER TYPE: PRIVATE
OWNER: RGandE
ADDRESS: 89 East Ave
Rochester, NY 14649
TELEPHONE: (716)724-8428

OPERATOR TYPE: PRIVATE
OPERATOR: Same
ADDRESS: UNKNOWN

TELEPHONE: UNKNOWN

YEARS OF OPERATION: 1848-1873
REGION: 8 **COMPLETED:** YES
REGISTRY: UNKNOWN **HRS SCORE:** UNKNOWN
REG. SITE ID: UNKNOWN **HRS DATE:** UNKNOWN
RCRA: UNKNOWN **ACRES:**
QUADRANGLE: Rochester East
SITE TYPE: COAL GASIFICATION PLANT

DOES A THREAT TO THE ENVIRONMENT OR PUBLIC HEALTH EXIST?
BOTH PUBLIC HEALTH AND ENVIRON

DESCRIBE THE THREAT POSED BY THE DISPOSED HAZARDOUS SUBSTANCE:
The site was notified under CERCLA in 1989. Coal tar is at the top of rock. On site disposal of coking wastes occurred during operation. Potential for direct contact if any uncontrolled excavations occur. The Monroe County Dept. of Pure Waters installed a tunnel in bedrock beneath the site. No contamination was found in the groundwater in the bedrock aquifer. There are active coal tar seeps entering the Genesee River.

DESCRIBE THE SITE:
This site is a former coal gas manufacturing plant site, which was used as a maintenance garage by RGandE until 1994. It is likely to be demolished in 1995. Coking processes took place onsite. The byproducts were sold, and the remaining waste were disposed of on-site. The site is paved and the waste materials are buried. A Voluntary Cleanup Agreement is under negotiation.

HAZARDOUS SUBSTANCES DISPOSED: Coal tar wastes were disposed on site.

VOCS: YES **PCBS:** NO **METALS:** NO
SEMI-VOCS: YES **PESTICIDES:** NO **ASBESTOS:** NO

SAMPLES COLLECTED: Groundwater Subsurface Soil

SELECTED ANALYTICAL INFORMATION:
AIR:
GROUNDWATER: BTEX, PAH s
SURFACE WATER:
SEDIMENT:
SURFACE SOIL:
SUBSURFACE SOIL: BTEX, PAH s
WASTE:
LEACHATE:
EPTOXICITY:
TCLP: Coal tar wastes fail for benzene.

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 19 **DIST/DIR:** 0.72 NE **ELEVATION:** 484 **MAP ID:** 33

NAME: RGandE, FRONT STREET
ADDRESS: FRONT ST
ROCHESTER NY 14614
MONROE
CONTACT:
SOURCE:

REV: 05/20/99
ID1: HS8048
ID2: NONE
STATUS: HISTORIC
PHONE:

SITE IMPACT DATA- AFFECTED MEDIA:

SURFACE WATER:	YES	**SURFACE WATER CLASS:**	B
GROUNDWATER:	YES	**GROUNDWATER CLASS:**	GA
DRINKING WATER:	NO	**ACTIVE DRINKING WATER SUPPLY?**	
HAZARDOUS SUBSTANCE EXPOSED?	YES	**AMBIENT AIR CONTAMINATION:**	U
CONTROLLED SITE ACCESS:	YES	**DOCUMENTED FISH OR WILDLIFE MORTALITY?**	UNKNOWN
THREAT OF DIRECT CONTACT?	YES	**IMPACT ON SPECIAL FISH OR WILDLIFE?**	UNKNOWN

SITE IMPACT DATA:
SURFACE WATER:
GROUNDWATER:
DRINKING WATER:
FISH OR WILDLIFE MORTALITY:
BUILDING:
REGULATORY AGENCIES INVOLVED: NYSDEC
PREPARER: Julie Welch(pb) Env. Engineering Tech June 13, 1994
LAST DEC UPDATE: 8/12/98

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 20 **DIST/DIR:** 0.84 NE **ELEVATION:** 491 **MAP ID:** 34

NAME: ROCHESTER METAL ETCHING
ADDRESS: 100 LAKE AVE
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE:

REV: 10/16/01
ID1: HS8049
ID2: NONE
STATUS: HISTORIC-HAZ SUBST WASTE DISP
PHONE:

SITE INFORMATION

SITE TYPE: 1A - SPILL

OPENED:	U - UNKNOWN	**CLOSED:**	U - UNKNOWN
REGION:	8	**COMPLETED:**	U - UNKNOWN
REGISTRY:	U - UNKNOWN	**REG SITE ID:**	U - UNKNOWN
HRS SCORE:	U - UNKNOWN	**HRS DATE:**	U - UNKNOWN
RCRA:	Y - YES	**ACRES:**	1
QUADRANGLE:	ROCHESTER EAST		

OWNER: P - PRIVATE OR PUBLIC HEALTH
ROB COBB
53 SANSHARON DR. ROCHESTER, NY 14617

PHONE: U - UNKNOWN

OPERATOR: P - PRIVATE OR PUBLIC HEALTH
U - UNKNOWN
U - UNKNOWN

PHONE: U - UNKNOWN

DOES A THREAT TO THE ENVIRONMENT OR PUBLIC HEALTH EXIST:

E - ENVIRONMENT

DESCRIBE THE THREAT POSED BY THE DISPOSED HAZARDOUS SUBSTANCE:

Contaminated groundwater is entering an interceptor drain at 10 White Street. This measure was to protect the building at 10 White Street and prevent the spread of contamination as a temporary measure. An onsite cleanup and a more permanent remediation system needs to be implemented. Solvents and metals were detected in analysis of groundwater on Rosetto property adjacent to Rochester Metal Etching.

DESCRIBE THE SITE:

Rochester Metal Etching is located at 100 Lake Avenue between White and Spencer Streets. An adjacent excavation for an addition to the Rosetto Foods buildings at 10 White Street encountered a green liquid discharging from the direction of Rochester Metal Etching. Analysis of liquid was conducted and an interceptor drain was constructed at Rosetto. Rochester Metal Etching has moved out. The building is used for storage. A site investigation is scheduled for the summer of 1998.

HAZARDOUS SUBSTANCE DISPOSED:

Solvents and metals

VOCS:	Y - YES	**SEMI VOCS:**	N - NO
PCBS:	N - NO	**PESTICIDES:**	N - NO
METALS:	Y - YES	**ASBESTOS:**	N - NO

SELECTED ANALYTICAL INFORMATION

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 20 **DIST/DIR:** 0.84 NE **ELEVATION:** 491 **MAP ID:** 34

NAME: ROCHESTER METAL ETCHING
ADDRESS: 100 LAKE AVE
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE:

REV: 10/16/01
ID1: HS8049
ID2: NONE
STATUS: HISTORIC-HAZ SUBST WASTE DISP
PHONE:

AIR:

GROUNDWATER: volatiles, metals

SURFACE WATER:

SEDIMENT:

SURFACE SOIL:

SUBSURFACE SOIL:

WASTE:

LEACHATE:

EPTOXICITY:

TCLP:

SITE IMPACT DATA- AFFECTED MEDIA

SURFACE WATER:	N - NO	**SURFACE WATER CLASS:**	B
GROUNDWATER:	Y - YES	**GROUNDWATER CLASS:**	GA
DRINKING WATER:	N - NO	**ACTIVE DW SUPPLY:**	N - NO
HAZ SUBSTANCE EXPOSED:	N - NO	**AMBIENT AIR CONTAM:**	N - NO
CONTROLLED SITE ACCESS:	N - NO	**FISH/WILD MORTALITY:**	N - NO
THREAT OF DIRECT CONTACT:	N - NO		

SITE IMPACT DATA

SURFACE WATER: 500 feet; east

GROUNDWATER: 5 feet; flows east

DRINKING WATER:

FISH OR WILD LIFE MORTALITY:
BUILDING: 0 feet; food processing

REG AGENCIES INVOLVED: NYSDEC, MCDOH

PREPARER: JOSEPH J. ALBERT(PMB) MONROE CO. DOH SR. PUBLIC HEALTH SANITARIAN AUGUST 10, 1994

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 14 **DIST/DIR:** 0.84 NE **ELEVATION:** 491 **MAP ID:** 34

NAME: FORMER ROCHESTER METAL ETCHING COMPANY
ADDRESS:
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/11/10
ID1: 828100
ID2: 58263.00
STATUS:
PHONE:

SITE INFORMATION

REGION: 8
SIZE (ACRES): .220

SITE TYPE:
OPEN DUMP: NO
LAGOON: NO
POND: NO
STRUCTURE: YES
LANDFILL: NO

SITE OWNER/OPERATOR INFORMATION:

NAME:
COMPANY: ROCHESTER METAL ETCHING COMPANY
ADDRESS: 100 LAKE AVENUE
ROCHESTER NY 14608
COUNTRY: UNITED STATES OF AMERICA

NAME:
COMPANY: ROCHESTER METAL ETCHING COMPANY
ADDRESS: 100 LAKE AVENUE
ROCHESTER NY 14608
COUNTRY: UNITED STATES OF AMERICA

NAME:
COMPANY: CENTRAL LIBRARY OF ROCHESTER AND MONROE COUNTY
ADDRESS: 115 SOUTH AVENUE
ROCHESTER NY 14604
COUNTRY: UNITED STATES OF AMERICA

NAME:
COMPANY: ROBERT COBB AND JOSEPH KUNTZ
ADDRESS: 100 LAKE AVENUE
ROCHESTER NY 14608
COUNTRY: UNITED STATES OF AMERICA

NAME:
COMPANY: ROBERT COBB AND JOSEPH KUNTZ
ADDRESS: 100 LAKE AVENUE
ROCHESTER NY 14608
COUNTRY: UNITED STATES OF AMERICA

NAME:
COMPANY: ROCHESTER METAL ETCHING
ADDRESS: 100 LAKE AVENUE
ROCHESTER NY 14608
COUNTRY: UNITED STATES OF AMERICA

NAME:
COMPANY: ROCHESTER METAL ETCHING
ADDRESS: 100 LAKE AVENUE

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Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 14 **DIST/DIR:** 0.84 NE **ELEVATION:** 491 **MAP ID:** 34

NAME: FORMER ROCHESTER METAL ETCHING COMPANY
ADDRESS:
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/11/10
ID1: 828100
ID2: 58263.00
STATUS:
PHONE:

ROCHESTER NY 14608
COUNTRY: UNITED STATES OF AMERICA

HAZARDOUS WASTE:	QUANTITY:
ELECTROPLATING WATER	UNKNOWN
CHROME PLATING SOLUTION	UNKNOWN
PERC	UNKNOWN
1,1,1-TRICHLOROETHANE	UNKNOWN
COPPER	UNKNOWN
CHROMIUM	UNKNOWN
TRICHLOROETHENE (TCE)	UNKNOWN
TETRACHLOROETHYLENE (PCE)	UNKNOWN

HAZARDOUS WASTE DISPOSAL PERIOD: unknown TO 1996

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
The primary contaminants of concern at the site include volatile organic compounds (VOCs) trichloroethene (TCE), 1,1,1-trichloroethane (1,1,1-TCA) and tetrachloroethene (PCE), and inorganic compounds (metals) chromium and copper. VOCs are present in on-site groundwater and indoor air at concentrations exceeding the respective standards, criteria and guidance values (SCGs). Although VOCs exceeded the SCGs within the on-site overburden groundwater, no SCGs were exceeded in on-site soils (with the exception of acetone) or within the downgradient off-site deep bedrock monitoring wells. Metals contamination was detected within the on-site soils and overburden groundwater as well as within the downgradient off-site bedrock monitoring wells at concentrations exceeding the respective SCGs. Investigations did not reveal the presence of an on-site source area based on sampling conducted beneath the building foundation. TCE was detected in 6 of 13 groundwater samples collected during the RI at concentrations exceeding the SCG for TCE and was the chlorinated volatile organic compound (CVOC) detected at the highest concentration in groundwater (460 ppb). The highest CVOC concentration was detected within monitoring well MW-2, located north of the Site building. TCE was not detected within off-site bedrock monitoring wells. During the RI, vapor intrusion (VI) sampling was completed in 2004 at the on-site RME building and in 2006 at three (3) off-site properties located in the near vicinity of the site. Based on the VI sampling, TCE and methylene chloride were the only VOCs detected in indoor air samples at concentrations above their respective SCG of 5 g/m3 and 60 g/m3. Specifically, TCE was detected in 6 of 17 indoor air samples at concentrations above the SCG of 5 g/m3 and methylene chloride was detected in 3 of 6 indoor air samples at concentrations above the SCG of 60 g/m3. All of the indoor air exceedences occurred within the first floor and basement indoor air samples of the on-site RME building, no exceedences were detected within any of the off-site properties. Copper and chromium were frequently detected above Part 375 SCGs for unrestricted uses and other metals were detected above the Part 375 SCGs less frequently. Copper exceeded the Part 375 SCG of 50 ppm in 28 of 43 subsurface soil samples collected and chromium exceeded the Part 375 SCG of 30 ppm in 26 of 47 surface soil samples collected. The highest concentration of copper, 13,400 ppm, was detected in deeper soil (3 to 5 ft) at SB-10 located next to the collection trench beneath the site building. At NR-2 located within 30 feet of SB-10, the highest concentration of chromium was detected in upper soil (0 to 2 feet interval) at 10,300 ppm. The analytical results suggest that metal etching wastes entered the ground under the RME building. The trench and sumps inside the RME building historically provided a likely pathway to the subsurface soil and groundwater. Metals contamination was seen in the overburden, overburden/bedrock interface, and bedrock groundwater. The most frequent SCG exceedences were seen in the inorganic compounds copper and chromium. Copper exceeded the SCG in 7 of 12 samples and ranged in concentration from 50 ppb to 9,260 ppb in the overburden well MW-3. Chromium exceeded the SCG in 6 of 11 samples and ranged in concentration from non-detect to 2,310 ppb in the overburden well MW-2. The RME site is surrounded by properties occupied by buildings and paved parking lots, therefore, the extensive pavement existing on-site eliminates most potential pathways to on-site receptors. The RME site drains primarily toward the Genesee River located approximately 500 feet east of the RME site. The Genesee River flows north and discharges into Lake Ontario, approximately 6 river miles downstream. The potential migration of contaminants from the overburden groundwater on the RME site to the Genesee River is considered complete, but is limited due to the lack of contiguous groundwater in the overburden which restricts the affected groundwater to the vicinity of the site. The potential migration of contaminants from the bedrock groundwater to the Genesee River is also considered complete, but the potential affects from RME site constituents would not be expected to result in detectable increases in the levels of constituents in the river due to the fact that infiltration of water into the waste material is minimized by the cap over the site.

ASSESSMENT OF HEALTH PROBLEMS:
People are not likely to come into contact with contaminated soils on-site because buildings and pavement cover the site. Public water serves the area; therefore, people are not drinking the contaminated groundwater. Inhalation of VOCs from contaminated groundwater could occur via soil vapor intrusion into the indoor air of overlying structures.

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Environmental FirstSearch
Site Detail Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 14 **DIST/DIR:** 0.84 NE **ELEVATION:** 491 **MAP ID:** 34

NAME: FORMER ROCHESTER METAL ETCHING COMPANY
ADDRESS:
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/11/10
ID1: 828100
ID2: 58263.00
STATUS:
PHONE:

DESCRIPTION:
The Rochester Metal Etching Company (RME) site is located at 100 Lake Avenue in Rochester, Monroe County, New York. The main feature of the 0.22 acre site is a two story building surrounded by paved parking areas and walkways. The site, located within the Community Center zoning district, is near the intersection of Lake Avenue and Spencer Street within a developed urban area of downtown Rochester. The site property, currently used for commercial purposes, is generally flat with the exception of the southeast corner of the property, which dips to the east. Based on the monitoring wells and site topography, the groundwater flows to the east/northeast towards the Genesee River, located approximately 500 ft to the east of the RME site. At this location, the Genesee River is located within a gorge which is 100 feet below the elevation of the RME site. The surrounding properties include commercial and industrial parcels which are covered by buildings and pavement (paved parking or roads). The site is bounded to the north by a mixed use building (commercial first floor/apartments upper floors) and a vehicle rental location across Spencer Street, to the west across Lake Avenue by parking lots, to the east by a frozen food facility, and to the south by a diner. The RME site is underlain by unconsolidated glacial till deposits consisting of fine sand and silt with varying amounts of fine to coarse gravel and Lockport Group bedrock. The overburden soil is generally unsaturated with localized occurrence of water at the overburden/bedrock interface. The thickness of overburden/depth to bedrock ranges from 3.5 ft beneath the site building to approximately 13 ft in the parking lot on the west side of the building. The RME facility manufactured etched and lithographed metal nameplates from 1967 until 1996 when manufacturing operations ceased. Ferric chloride was reportedly used to etch stainless steel and brass, and hydrofluoric acid and hydrochloric acid solutions were used to etch aluminum. Chlorinated VOCs consisting of tetrachloroethene (PCE), trichloroethylene (TCE), and 1,1,1-trichloroethane (1,1,1-TCA) were used for degreasing. Prior uses that appear to have led to site contamination include metal plating, machining and etching, along with the improper disposal of process wastewater into a series of sumps, drains and trenches. In 1998-1999, the NYSDEC conducted a preliminary investigation of the RME facility. The investigation data led to the listing of the Rochester Metal Etching (RME) Company site as a Class 2 Inactive Hazardous Waste Disposal Site in 2001 and the subsequent completion of the RME site remedial investigation/feasibility study (RI/FS) in 2007. Interim remedial measures (IRMs) including concrete filling of basement sumps and collection trenches and the installation of a site soil cover were performed on-site by the property owners in 2005 and 2009, respectively. Currently, a proposed remedial action plan (PRAP) is being prepared.

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 13 **DIST/DIR:** 0.89 NE **ELEVATION:** 482 **MAP ID:** 35

NAME: FORMER RAECO PRODUCTS
ADDRESS: 24 SPENCER ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/11/10
ID1: 828107
ID2: 57004.00
STATUS:
PHONE:

SITE INFORMATION

REGION: 8

SIZE (ACRES): 3.400

SITE TYPE:
OPEN DUMP: NO
LAGOON: NO
POND: NO

STRUCTURE: YES
LANDFILL: NO

SITE OWNER/OPERATOR INFORMATION:

NAME: REYNOLDS INFORMATION CENTER
COMPANY: CENTRAL LIBRARY OF ROCHESTER AND MONROE COUNTY
ADDRESS: 115 SOUTH AVENUE
ROCHESTER NY 14604
COUNTRY: UNITED STATES OF AMERICA

NAME:
COMPANY: RAECO PRODUCTS
ADDRESS: 8-10 AMBROSE STREET
ROCHESTER NY 14608
COUNTRY: UNITED STATES OF AMERICA

NAME:
COMPANY: P and P CONTRACTORS
ADDRESS: 24 SPENCER STREET
ROCHESTER NY 14608
COUNTRY: UNITED STATES OF AMERICA

NAME:
COMPANY: P and P CONTRACTORS
ADDRESS: 24 SPENCER STREET
ROCHESTER NY 14608
COUNTRY: UNITED STATES OF AMERICA

NAME:
COMPANY: RAECO PRODUCTS
ADDRESS: 8-10 AMBROSE STREET
ROCHESTER NY 14608
COUNTRY: UNITED STATES OF AMERICA

NAME:
COMPANY: RAECO PRODUCTS
ADDRESS: 8 - 10 AMBROSE STREET
ROCHESTER NY 14608
COUNTRY: UNITED STATES OF AMERICA

HAZARDOUS WASTE:
TOLUENE

QUANTITY:
UNKNOWN

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 13 **DIST/DIR:** 0.89 NE **ELEVATION:** 482 **MAP ID:** 35

NAME: FORMER RAECO PRODUCTS
ADDRESS: 24 SPENCER ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/11/10
ID1: 828107
ID2: 57004.00
STATUS:
PHONE:

BENZO(A)PYRENE	UNKNOWN
BENZO(A)PYRENE	UNKNOWN
TETRACHLOROETHYLENE (PCE)	UNKNOWN
TRICHLOROETHENE (TCE)	UNKNOWN
VINYL CHLORIDE	UNKNOWN
DICHLOROETHYLENE	UNKNOWN
1,1,1 TCA	UNKNOWN
LEAD	UNKNOWN

HAZARDOUS WASTE DISPOSAL PERIOD: 1930 TO 1987

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
Contamination at the Site is related to historical releases to the soil from deteriorating drums and leaking storage tanks and drums. There is evidence of soil contamination on the Site, but habitat for endangered, threatened, or special concern species is not present on the Site. There are no ecological habitats on the Site, and the surrounding area is primarily commercial/industrial which is characterized as a terrestrial cultural (upland) community type. The Site is bordered on the east by the Genesee River gorge and forested areas are present within a half mile radius of the Site. Based on shallow soils samples collected at the Site during the PSI and the RI, VOCs, SVOCs, and metals exceeded NYSDEC SCOs and RSCOs. Since there are no ecological habitats on the Site, there are no direct exposure pathways from these soils to wildlife populations. Contaminated soil at the Site could be eroded during storm events and enter storm drains discharging to the Genesee River. However, no bottom/sediments/soil were observed during ERM s sampling of the river. Therefore, soils were not addressed further in the FWIA. The only potential contaminant migration pathway identified for the Site is the potential for groundwater to discharge to surface water. Based on previous investigations, groundwater flows towards the Genesee River. The VOCs that were detected in the groundwater samples above surface water protection screening levels were not detected in the surface water samples. The two VOCs that were detected in the surface water samples were very low estimated values; toluene was reported below the screening level and no screening level was available for chloromethane. Three metals were detected in both the groundwater and surface water samples above screening levels; aluminum, barium and iron. The results of these three metals are similar in all three surface water samples. Therefore, similar concentrations were found upstream of the Site, adjacent to the Site and downstream of the Site. Thus, the Site does not appear to be the source of the detections in the surface water. The FWIA did not identify any current or potential impacts to ecological resources. Surface water resources at or near the site include the Genesee River. The Genesee River is located along the eastern side of the Site at the base of the Genesee River gorge. The Genesee River is classified as an Unconfined River. An Unconfined River is an aquatic community with a relatively large, quiet, base level section of streams with a very low gradient. As described above, no current or potential site-related surface water impacts have been identified. Generally, groundwater was not encountered in overburden at the site. However, some of the gravelly intervals and portions of the site where depths to bedrock exceeded 20 feet below the ground surface (bgs) were saturated above bedrock. The bedrock identified at the site is classified as dolomite and was observed to be fractured. The first significant water producing fractures were generally encountered at depths of approximately 40 to 50 feet bgs. At the site shallow groundwater appears to have a source of recharge centrally located at the site, which flows radially to the Genesee River and surrounding area. This trend is also apparent in deeper groundwater monitored at the site, but deeper groundwater appears to have a steeper gradient of flow to the Genesee River to the east and a strong component of flow to the south/southeast.

ASSESSMENT OF HEALTH PROBLEMS:
Contact with contaminated soil by the general public is unlikely because public access is limited, however, there is a potential for trespassers to come into contact with contaminated surface soils. Groundwater at the site is not used for drinking water since the area is served by public water. The potential for exposures associated with soil vapor intrusion has been investigated and it was determined that further action is recommended to minimize the potential for exposures related to soil vapor intrusion.

DESCRIPTION:
The site is located at 24 Spencer Street, City of Rochester, New York. The Site is located within a heavily developed light industrial and commercial area northwest of downtown Rochester. The 3.4 acre property is bordered by an abandoned railroad right of way to the north; Spencer Street to the south; the Genesee River to the east; and, Cliff Street to the west. The property is zoned as C-2, or as a commercial area. The property is currently being used to store equipment (i.e., dumpsters) and vehicles. The main site features at the site are 4 buildings; the subsurface foundation/basement of Building E is still present at the site. Part of one building (Building A) has been used for office space by the occupant in the past; the other three buildings have been used for equipment storage and/or equipment maintenance. It is unclear whether the site buildings are being used in a similar manner by the current owner. The Site is relatively flat with an elevation of approximately 460 ft above mean sea level (amsl). The terrain dips slightly to the east/northeast across the site. The eastern edge of the site slopes to a cliff face that forms the Genesee River gorge. The surface water of the Genesee River is approximately 70 feet below the ground surface at the site. The site consists of a few feet to over 49 feet of overburden on top of bedrock. During the RI bedrock was identified from a few feet below the ground surface (bgs) at the eastern side of the site to depths exceeding 49 feet at the west/southwest portion of the Site (possibly

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 13 **DIST/DIR:** 0.89 NE **ELEVATION:** 482 **MAP ID:** 35

NAME: FORMER RAECO PRODUCTS
ADDRESS: 24 SPENCER ST
ROCHESTER NY 14608
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/11/10
ID1: 828107
ID2: 57004.00
STATUS:
PHONE:

associated with historic sewer line installation and associated rock removal that may have occurred). The overburden is comprised primarily of fill material including silty sand and gravel with some miscellaneous construction and demolition debris (brick, concrete, wood, and ash fragments were noted during previous subsurface investigations). Deeper overburden consists primarily of silty clays and silty fine sands. Gravelly sands and clays were also noted at some areas of the Site. A clay layer of varying thickness exists just above the bedrock surface (bedrock at the Site is classified as dolomite with frequent fractures). Groundwater at the site is typically not observed in the overburden, with some exceptions including gravelly intervals (where depth to bedrock exceeded 20 feet bgs) and at the non-confining clay layer situated immediately above the bedrock. The depth to groundwater in three bedrock monitoring wells ranged from approximately 20 to 42 feet bgs. During the RI it was observed that the first significant water producing fractures were encountered at approximately 40 to 50 feet bgs. Locally, the shallow bedrock groundwater appears to have a source of recharge centrally located at the Site, with groundwater flowing radially from the central area of the site to the Genesee River and surrounding area. This trend is also apparent in deeper groundwater monitored at the Site, but deeper groundwater appears to have a steeper gradient of flow to the Genesee River to the east and a strong component of flow to the south/southeast. Groundwater at the site has a strong vertically downward gradient toward the adjacent Genesee River, which is situated approximately 70 feet below the ground surface of the site. From the 1930s through 1987, the Site was reportedly owned and operated by John H. Rae, Inc. (Raeco) as a bulk storage, blending, packaging and distribution facility for chemicals and petroleum products. Poor practices over the years resulted in extensive site contamination. In 1995, the Raeco property was sold to Pandamp;P Properties, Inc. At that point the property was reportedly leased by a construction contractor, through the Spring 2009, who used the property to store and repair heavy construction equipment. The current owner (Dance Hall Entertainment, LLC) purchased the property in April 2009 and utilizes the site for equipment and vehicle storage. The site has been the subject of several regulatory investigations and inspections. Below is a brief summary of the regulatory activities at the site: Dye testing was conducted by Monroe County Health Department (MCHD) in 1970 to investigate three (3) pipe outlets that discharged into the gorge; The Rochester Police Department observed waste chemicals at the property in June 1994; NYSDEC, the Monroe County Health Department (MCI-ID), the USEPA, and the City of Rochester completed follow-up inspections of the Site in 1994, 1995, and 1996; USEPA removed 553 containers (drums and 5-gallon pails) from the Site in 1997; NYSDEC completed a Preliminary Site Investigation in 2001; NYSDEC completed an RI/FS in 2009. The Record of Decision (ROD) was signed on March 30, 2010. The remedy includes: targetted shallow soil excavtaion and/or site cover, soil vapor extraction at the VOC source area and institutional controls.

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 22 **DIST/DIR:** 0.93 SW **ELEVATION:** 526 **MAP ID:** 36

NAME: TAYLOR INSTRUMENTS - DIV. COMB. ENG.
ADDRESS: 95 AMES ST
ROCHESTER NY 14611
MONROE
CONTACT:
SOURCE:

REV: 05/20/99
ID1: 828028B
ID2: NYD002211415
STATUS: HISTORIC
PHONE:

CLASS CODE: D1 **REGION:** 8 **ESTIMATED SIZE:** 0.05 ACRES

SITE TYPE:
OPEN DUMP: X **STRUCTURE:**
LAGOON: **LANDFILL:** X
POND:

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S) NAME: ABB Kent-Taylor, Inc.
CURRENT OWNER(S) ADDRESS: 1175 John Street
Rochester NY 14623

OPERATOR(S) DURING DISPOSAL:
OPERATOR(S) ADDRESS:
NY

HAZARDOUS WASTE DISPOSAL PERIOD: 1940 TO: 1965

SITE DESCRIPTION:
Lat. 43 08 50 N Long. 77 38 30 W Flat topography Urban; light industrial area. Site is located near building 5 under the water tower. In 1982, soil sampling was done by Taylor. Elemental mercury was found .16 ppm. Further soil borings were drilled on the site in June of 1985. The work was done in accordance w/ a DEC approved grid to cover entire site. The grab/composited soil samples were taken at different depths and analyzed for mercury. Concentrations were much lower than had been previously found. Capping with asphalt has been completed. No further action is required. No hazardous waste has been fou nd on the property.

CONFIRMED HAZARDOUS WASTE DISPOSAL:
Elemental mercury

QUANTITY:
unknown

ANALYTICAL DATA AVAILABLE FOR:
GROUNDWATER: **SURFACE WATER:**
AIR: **SEDIMENT:**
SOIL: X

APPLICABLE STANDARDS EXCEEDED FOR:
GROUNDWATER: **SURFACE WATER:**
AIR: **DRINKING WATER:**

GEOTECHNICAL INFORMATION:
SOIL/ROCK TYPE:
DEPTH TO GROUNDWATER: 4.5 feet.

LEGAL ACTION:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 22 **DIST/DIR:** 0.93 SW **ELEVATION:** 526 **MAP ID:** 36

NAME: TAYLOR INSTRUMENTS - DIV. COMB. ENG.
ADDRESS: 95 AMES ST
ROCHESTER NY 14611
MONROE
CONTACT:
SOURCE:

REV: 05/20/99
ID1: 828028B
ID2: NYD002211415
STATUS: HISTORIC
PHONE:

TYPE:
STATUS:

REMEDIATION:
PROPOSED:
ACTIVE:
DESIGN:
COMPLETE:

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
No hazardous waste has been found at this site. No further action is necessary.

ASSESSMENT OF HEALTH PROBLEMS:

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 21 **DIST/DIR:** 0.93 SW **ELEVATION:** 526 **MAP ID:** 36

NAME: TAYLOR INSTRUMENTS - DIV. COMB. ENG.
ADDRESS: AMES ST
ROCHESTER NY 14611
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/11/10
ID1: 828028A
ID2: 57959.00
STATUS:
PHONE:

SITE INFORMATION

REGION: 8
SIZE (ACRES): .050

SITE TYPE:
OPEN DUMP: YES
LAGOON: NO
POND: NO
STRUCTURE: NO
LANDFILL: YES

SITE OWNER/OPERATOR INFORMATION:

NAME:
COMPANY: TAYLOR INSTRUMENTS
ADDRESS: 1175 JOHN STREET
ROCHESTER NY 14623
COUNTRY: UNITED STATES OF AMERICA

NAME:
COMPANY: TAYLOR INSTRUMENTS
ADDRESS:
ZZ
COUNTRY: UNITED STATES OF AMERICA

NAME:
COMPANY: ABB, INC.
ADDRESS: 501 MERRITT
NORWALK CT 06851
COUNTRY: UNITED STATES OF AMERICA

NAME:
COMPANY: TAYLOR INSTRUMENTS
ADDRESS: AMES STREET
ROCHESTER NY 14611
COUNTRY: UNITED STATES OF AMERICA

HAZARDOUS WASTE:
MERCURY

QUANTITY:
UNKNOWN

HAZARDOUS WASTE DISPOSAL PERIOD: 1940 TO 1965

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
SITE CURRENTLY BEING ADDRESSED UNDER THE VOLUNTARY CLEANUP PROGRAM. SEE SITE V00144 FOR ADDITIONAL INFORMATION. On-site soil and groundwater is contaminated with TCE. The dual phase vapor extraction (DPVE)system operated for several years, but has been shut down because groundwater contaminant removal has become inefficient. The Volunteer is attempting further groundwater remediation via enhanced biodegredation.

ASSESSMENT OF HEALTH PROBLEMS:
To ensure the public does not come in contact with contaminated soil, an asphalt cap has been placed over the entire site. Groundwater is not used for drinking water purposes. A deed restriction requires any future building construction on-site to include a sub-slab depressurization system to prevent

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 21 **DIST/DIR:** 0.93 SW **ELEVATION:** 526 **MAP ID:** 36

NAME: TAYLOR INSTRUMENTS - DIV. COMB. ENG.
ADDRESS: AMES ST
ROCHESTER NY 14611
MONROE
CONTACT:
SOURCE: NYSDEC

REV: 8/11/10
ID1: 828028A
ID2: 57959.00
STATUS:
PHONE:

on-site exposures to soil vapor intrusion.

DESCRIPTION:
SITE CURRENTLY BEING ADDRESSED UNDER THE VOLUNTARY CLEANUP PROGRAM. SEE SITE V00144 FOR ADDITIONAL INFORMATION. Flat topography: Urban; light industrial area In the 1980s, the original 828028A site was a disposal area located on the northern part of the 14 acre property. The area had been used for disposing broken fragments of thermometers (referred to as thermometer shards). The area was capped with an asphalt parking lot, and monitoring wells were installed. Analysis of groundwater samples indicated that some of the wells were contaminated with low levels of mercury. In the early 1990s, the owners pursued further investigation of the entire Taylor Instruments property. Soil sampling revealed areas with high mercury and high trichloroethylene (TCE) levels. The owner demolished and removed all the buildings that were on the property and entered into a voluntary agreement for the entire 14 acre parcel (including areas covered by site 828028A andamp; B). Soil contaminated with mercury was excavated and disposed offsite in 2000. A dual phase vapor extraction (DPVE) system designed to remove volatile organic compounds (VOCs) from soil and groundwater was built onsite. Construction began in 2000 and was completed in 2001. The system operated for several years, but has been shut down because groundwater contaminant removal has become inefficient. The Volunteer conducted a pilot to evaluate further groundwater remediation via enhanced biodegredation. Results of the pilot are under review. AKA V00144, 828028, 828028B, PBS Spill 8000269, 8-00286, and 8-102121

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 17 **DIST/DIR:** 0.95 NE **ELEVATION:** 481 **MAP ID:** 37

NAME: RGandE, AMBROSE YARD
ADDRESS: AMBROSE ST
ROCHESTER NY 14613
MONROE
CONTACT:
SOURCE:

REV: 10/16/01
ID1: HS8045
ID2: NONE
STATUS: HISTORIC-HAZ SUBST WASTE DISP
PHONE:

SITE INFORMATION

SITE TYPE: 2A - COAL GASIFICATION PLANT

OPENED:	1920 s	**CLOSED:**	1964
REGION:	8	**COMPLETED:**	PHASE 1
REGISTRY:	U - UNKNOWN	**REG SITE ID:**	U - UNKNOWN
HRS SCORE:		**HRS DATE:**	
RCRA:	N - NO	**ACRES:**	17
QUADRANGLE:	ROCHESTER		

OWNER: P - PRIVATE OR PUBLIC HEALTH
RGandE
89 EAST AVE ROCHESTER, NY 14649

PHONE: (716)724-8428

OPERATOR: P - PRIVATE OR PUBLIC HEALTH
ROCHESTER GAS and ELECTRIC CORP.
SAME

PHONE:

DOES A THREAT TO THE ENVIRONMENT OR PUBLIC HEALTH EXIST:

E - ENVIRONMENT

DESCRIBE THE THREAT POSED BY THE DISPOSED HAZARDOUS SUBSTANCE:

Potential for surface water and groundwater contamination from coal tar disposal. Coal tar seeps have been noted at the lower falls. This site along with other coal gas sites in the immediate area may be contributing to contamination.

DESCRIBE THE SITE:

The site was formerly used as a coal storage faciltiy, which is consistant with the presence of metals. The RGandE Ambrose Yard may have recieved approximately 50 cu yds of coal tar. This area is immediately adjacent to the Genesee River Gorge in downtown Rochester, NY. The Monroe Co. Dept. of Pure Waters installed a seventy foot diameter access shaft to a depth exceeding 100 ft. on the site. Excavated overburden soils were sampled frequently as were rock fragments in an effort ot detect any potentially hazardous material. Groundwater seeping into the tunnel beneath the site was aslo sampled. No chemicals were found. This site is within the boundary of former Registry site 828044. This site is the same as RGandE, Lake Ave.

HAZARDOUS SUBSTANCE DISPOSED:

Coal, possibly small amounts of coal tar

VOCS:	Y - YES	**SEMI VOCS:**	Y - YES
PCBS:	N - NO	**PESTICIDES:**	N - NO
METALS:	Y - YES	**ASBESTOS:**	N - NO

SELECTED ANALYTICAL INFORMATION

- Continued on next page -

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 17 **DIST/DIR:** 0.95 NE **ELEVATION:** 481 **MAP ID:** 37

NAME: RGandE, AMBROSE YARD
ADDRESS: AMBROSE ST
ROCHESTER NY 14613
MONROE
CONTACT:
SOURCE:

REV: 10/16/01
ID1: HS8045
ID2: NONE
STATUS: HISTORIC-HAZ SUBST WASTE DISP
PHONE:

AIR:

GROUNDWATER:

SURFACE WATER: Barium 908 ug/kg/std 1000 ug/l, naphthalene < 10 ug/kg

SEDIMENT: -

SURFACE SOIL:

SUBSURFACE SOIL: Naphthalene 80,000 ug/kg, fluorene 66,000 ug/kg, anthracene 186,000 ug/kg, fluoroanthene 111,000 ug/kg, pyrene 109,000 ug/kg

WASTE:

LEACHATE:

EPTOXICITY:

TCLP:

SITE IMPACT DATA- AFFECTED MEDIA

SURFACE WATER:	U - UNKNOWN	**SURFACE WATER CLASS:**	B
GROUNDWATER:	Y - YES	**GROUNDWATER CLASS:**	U - UNKNOWN
DRINKING WATER:	N - NO	**ACTIVE DW SUPPLY:**	N - NO
HAZ SUBSTANCE EXPOSED:	N - NO	**AMBIENT AIR CONTAM:**	U - UNKNOWN
CONTROLLED SITE ACCESS:	Y - YES	**FISH/WILD MORTALITY:**	N - NO
THREAT OF DIRECT CONTACT:	U - UNKNOWN		

SITE IMPACT DATA

SURFACE WATER: 10 feet; north

GROUNDWATER: Flows east

DRINKING WATER: North

FISH OR WILD LIFE MORTALITY:
BUILDING:

REG AGENCIES INVOLVED: NYSDEC, NYSDOH, MCDOH, ROCHESTER DES

PREPARER: MARY JANE PEACHEY(PMB) NYSDEC REGION 8 JULY 27, 1994

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 18 **DIST/DIR:** 0.99 NE **ELEVATION:** 496 **MAP ID:** 38

NAME: RGandE, EAST STATION (SUNPRU ST)
ADDRESS: 8 SUNPRU ST
ROCHESTER NY 14605
MONROE
CONTACT:
SOURCE:

REV: 10/16/01
ID1: HS8047
ID2: NYD980531230
STATUS: HISTORIC-HAZ SUBST WASTE DISP
PHONE:

SITE INFORMATION

SITE TYPE: 2A - COAL GASIFICATION PLANT

OPENED: 1872
REGION: 8
REGISTRY: N - NO
HRS SCORE:
RCRA: U - UNKNOWN
QUADRANGLE: ROCHESTER EAST

CLOSED: 1952
COMPLETED: PA
REG SITE ID: N - NO
HRS DATE: U - UNKNOWN
ACRES: 0

OWNER: P - PRIVATE OR PUBLIC HEALTH
ROCHESTER GAS AND ELECTRIC 34
89 EAST AVE. ROCHESTER, NY 14649

PHONE: (716)546-2700

OPERATOR: P - PRIVATE OR PUBLIC HEALTH
SAME
SAME

PHONE: SAME

DOES A THREAT TO THE ENVIRONMENT OR PUBLIC HEALTH EXIST:

E/P - ENVIRONMENT AND PUBLIC HEALTH

DESCRIBE THE THREAT POSED BY THE DISPOSED HAZARDOUS SUBSTANCE:

The site is presently under investigation by the NYSDEC, they have begun Phase 3 of the investigation.

DESCRIBE THE SITE:

Coal Gasification took place and manufactured products were produced at this facility. By products including coal tar, water tar, creosote, pitch, sulfate of ammonia, and spent oxide shavings. The spent oxide shavings were used in an oxide purifier system that made it possible to reuse purifier shavings. This property is presently under investigation by the NYSDEC, along with all the properties and industrial facilities located along this portion of the Genesee River between the upper and lower falls. This site is within the former registry site 828044 boundary. An IRM was undertaken in 1993 to cover all exposed MGP residues on the site with clean fill brought from an offsite location and to improve fencing and security at the site.

HAZARDOUS SUBSTANCE DISPOSED:

Coal, coke, light oil, bengas, water tar, creosote, pitch, sulfate of ammonia, spent oxide shavings

VOCS: U - UNKNOWN
PCBS: N - NO
METALS: N - NO

SEMI VOCS: U - UNKNOWN
PESTICIDES: N - NO
ASBESTOS: N - NO

SELECTED ANALYTICAL INFORMATION

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

STATE

SEARCH ID: 18 **DIST/DIR:** 0.99 NE **ELEVATION:** 496 **MAP ID:** 38

NAME: RGandE, EAST STATION (SUNPRU ST)
ADDRESS: 8 SUNPRU ST
ROCHESTER NY 14605
MONROE
CONTACT:
SOURCE:

REV: 10/16/01
ID1: HS8047
ID2: NYD980531230
STATUS: HISTORIC-HAZ SUBST WASTE DISP
PHONE:

AIR:

GROUNDWATER:

SURFACE WATER:

SEDIMENT:

SURFACE SOIL:

SUBSURFACE SOIL:

WASTE:

LEACHATE:

EPTOXICITY:

TCLP:

SITE IMPACT DATA- AFFECTED MEDIA

SURFACE WATER:	U - UNKNOWN	**SURFACE WATER CLASS:**	U - UNKNOWN
GROUNDWATER:	U - UNKNOWN	**GROUNDWATER CLASS:**	U - UNKNOWN
DRINKING WATER:	U - UNKNOWN	**ACTIVE DW SUPPLY:**	U - UNKNOWN
HAZ SUBSTANCE EXPOSED:	U - UNKNOWN	**AMBIENT AIR CONTAM:**	U - UNKNOWN
CONTROLLED SITE ACCESS:	Y - YES	**FISH/WILD MORTALITY:**	U - UNKNOWN
THREAT OF DIRECT CONTACT:	N - NO		

SITE IMPACT DATA

SURFACE WATER:

GROUNDWATER:

DRINKING WATER:

FISH OR WILD LIFE MORTALITY:
BUILDING:

REG AGENCIES INVOLVED: NYSDEC

PREPARER: JULIE WELCH APRIL 18, 1994

Environmental FirstSearch Descriptions

NPL: ***EPA*** NATIONAL PRIORITY LIST - The National Priorities List is a list of the worst hazardous waste sites that have been identified by Superfund. Sites are only put on the list after they have been scored using the Hazard Ranking System (HRS), and have been subjected to public comment. Any site on the NPL is eligible for cleanup using Superfund Trust money.
A Superfund site is any land in the United States that has been contaminated by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.
FINAL - Currently on the Final NPL
PROPOSED - Proposed for NPL

NPL DELISTED: ***EPA*** NATIONAL PRIORITY LIST Subset - Database of delisted NPL sites. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.
DELISTED - Deleted from the Final NPL

CERCLIS: ***EPA*** COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)- CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL.
PART OF NPL- Site is part of NPL site
DELETED - Deleted from the Final NPL
FINAL - Currently on the Final NPL
NOT PROPOSED - Not on the NPL
NOT VALID - Not Valid Site or Incident
PROPOSED - Proposed for NPL
REMOVED - Removed from Proposed NPL
SCAN PLAN - Pre-proposal Site
WITHDRAWN - Withdrawn

NFRAP: ***EPA*** COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.
NFRAP – No Further Remedial Action Plan
P - Site is part of NPL site
D - Deleted from the Final NPL
F - Currently on the Final NPL
N - Not on the NPL
O - Not Valid Site or Incident
P - Proposed for NPL
R - Removed from Proposed NPL
S - Pre-proposal Site
W – Withdrawn

RCRA COR ACT: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.
RCRAInfo facilities that have reported violations and subject to corrective actions.

RCRA TSD: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.
Facilities that treat, store, dispose, or incinerate hazardous waste.

RCRA GEN: ***EPA/MA DEP/CT DEP*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM GENERATORS - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.
Facilities that generate or transport hazardous waste or meet other RCRA requirements.
LGN - Large Quantity Generators
SGN - Small Quantity Generators
VGN – Conditionally Exempt Generator.
Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.
CONNECTICUT HAZARDOUS WASTE MANIFEST – Database of all shipments of hazardous waste within, into or from Connecticut. The data includes date of shipment, transporter and TSD info, and material shipped and quantity. This data is appended to the details of existing generator records.
MASSACHUSETTES HAZARDOUS WASTE GENERATOR – database of generators that are regulated under the MA DEP.
VQN-MA = generates less than 220 pounds or 27 gallons per month of hazardous waste or waste oil.
SQN-MA = generates 220 to 2,200 pounds or 27 to 270 gallons per month of waste oil.
LQG-MA = generates greater than 2,200 lbs of hazardous waste or waste oil per month.

ERNS: ***EPA/NRC*** EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) - Database of incidents reported to the National Response Center. These incidents include chemical spills, accidents involving chemicals (such as fires or explosions), oil spills, transportation accidents that involve oil or chemicals, releases of radioactive materials, sightings of oil sheens on bodies of water, terrorist incidents involving chemicals, incidents where illegally dumped chemicals have been found, and drills intended to prepare responders to handle these kinds of incidents. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

Tribal Lands: ***DOI/BIA*** INDIAN LANDS OF THE UNITED STATES - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation.
BUREAU OF INDIAN AFFIARS CONTACT - Regional contact information for the Bureau of Indian Affairs offices.

State/Tribal Sites: ***NYSDEC*** ENVIRONMENTAL SITE REMEDIATION DATABASE - database of sites being remediated under a DER remedial program/s (i.e. State Superfund, Brownfield Cleanup, etc.). This database also includes the Registry of Institutional and Engineering Controls in New York State.
REGISTRY OF INACTIVE HAZARDOUSE WASTE DISPOSAL SITES –
HAZARDOUS SUBSTANCE SITE STUDY - (STATIC) This study was done in 1998 and was prepared by the NY DEC, Hazardous Substances Waste Disposal Task Force In consultation with N.Y. Department of Health

State Spills 90: ***NYSDEC*** SPILL INCIDENTS DATABASE - database of chemical and petroleum spill incidents that occurred since 1990.

State/Tribal SWL: ***NYSDEC*** ACTIVE FACILITIES REGISTRY - database of solid waste landfill facilities. The data includes location, waste type, owner and permit number.

State/Tribal LUST: ***NYSDEC*** SPILL INCIDENTS DATABASE SUBSET - database of chemical and petroleum spill incidents where the cause was a tank test failure or tank failure

State/Tribal UST/AST: ***NYSDEC*** DATABASE OF PETROLEUM BULK STROAGE, MAJOR OIL STORAGE (MOSF), AND CHEMICAL BULK STORAGE (CBS) FACILITIES - database of petroleum or chemical storage facilities. The data includes status, tank type, capacity and contents. The data also includes
Nassau County Department of Health's PBS Tanks
Nassau County Fire Marshall's PBS Tanks
Suffolk County Department of Health Services PBS Tanks
Cortland County Health Department PBS Tanks
Rockland County Department of Health PBS Tanks
Westchester County Department of Health PBS Tanks.

State/Tribal EC: ***NYSDEC*** REGISTRY OF INSTITUTIONAL AND ENGINEERING CONTROLS Subset - database of sites from the Registrty that have Engineering Controls.

State/Tribal IC: ***NYSDEC*** REGISTRY OF INSTITUTIONAL AND ENGINEERING CONTROLS Subset - database of sites from the Registrty that have Institutional Controls.

State/Tribal VCP: ***NYSDEC*** VOLUNTARY CLEANUP PROGRAM - static database of voluntary clean up sites. The Brownfield Cleanup program has replaced the Voluntary Cleanup Program.

State/Tribal Brownfields: ***NYSDEC*** BROWNFIELD - database of old brownfield programs, brownfield cleanup programs, environmental restoration projects.

RADON: ***NTIS*** NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

Environmental FirstSearch Database Sources

NPL: ***EPA*** Environmental Protection Agency

Updated quarterly

NPL DELISTED: ***EPA*** Environmental Protection Agency

Updated quarterly

CERCLIS: ***EPA*** Environmental Protection Agency

Updated quarterly

NFRAP: ***EPA*** Environmental Protection Agency.

Updated quarterly

RCRA COR ACT: ***EPA*** Environmental Protection Agency.

Updated quarterly

RCRA TSD: ***EPA*** Environmental Protection Agency.

Updated quarterly

RCRA GEN: ***EPA/MA DEP/CT DEP*** Environmental Protection Agency, Massachusetts Department of Environmental Protection, Connecticut Department of Environmental Protection

Updated quarterly

ERNS: ***EPA/NRC*** Environmental Protection Agency

Updated annually

Tribal Lands: ***DOI/BIA*** United States Department of the Interior

Updated annually

State/Tribal Sites: ***NYSDEC*** New York Department of Environmental Remediation
New York State Department of Environmental Conservation

Updated quarterly

State Spills 90: ***NYSDEC*** New York State Department of Environmental Conservation

Updated quarterly

State/Tribal SWL: ***NYSDEC*** New York State Department of Environmental Conservation

Updated annually

State/Tribal LUST: ***NYSDEC*** New York State Department of Environmental Conservation

Updated quarterly

State/Tribal UST/AST: ***NYSDEC*** New York State Department of Environmental ConservationNassau County Department of Health
Nassau County Fire Marshal
Cortland County Health Department
Rockland County Department of Health

Updated quarterly

State/Tribal EC: ***NYSDEC*** New York State Department of Environmental Conservation

Updated quarterly

State/Tribal IC: ***NYSDEC*** New York State Department of Environmental Conservation

Updated quarterly

State/Tribal VCP: ***NYSDEC*** New York State Department of Environmental Conservation

Updated quarterly

State/Tribal Brownfields: ***NYSDEC*** New York State Department of Environmental Conservation

Updated quarterly

RADON: ***NTIS*** Environmental Protection Agency, National Technical Information Services

Updated periodically

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: 33 LITCHFIELD ST
ROCHESTER NY 14608

JOB: 082410

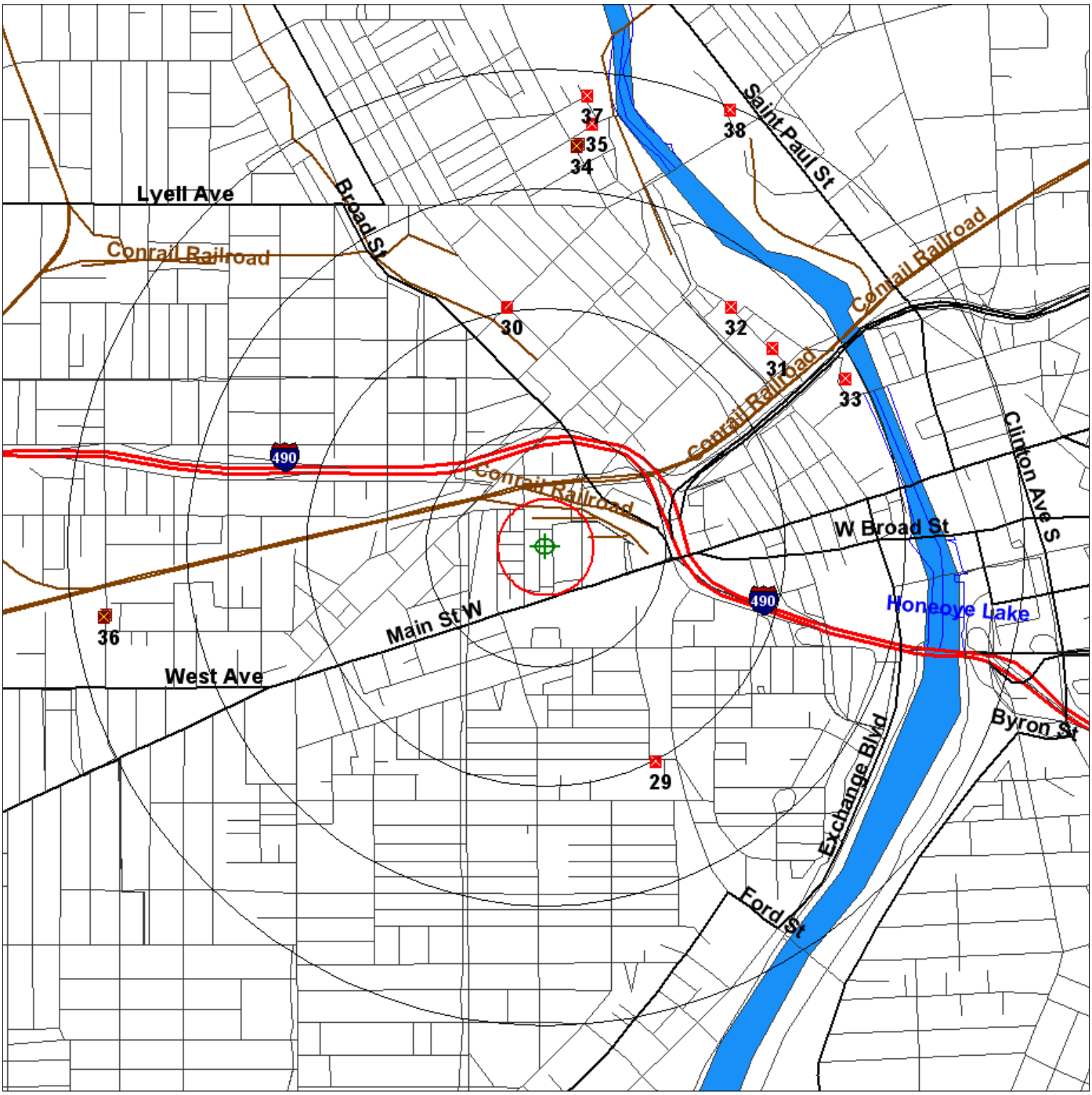
Street Name	Dist/Dir	Street Name	Dist/Dir
Allen St	0.16 NE	Main St W	0.11 SE
Arklow St	0.18 SW	Maple St	0.21 NW
Bauer Aly	0.19 SW	New York St	0.17 SW
Berdell Aly	0.08 SE	Platt St	0.21 NE
Berdell St	0.08 SE	Prospect St	0.22 SE
Brown St	0.16 NW	Reynolds St	0.16 SW
Campbell St	0.23 NW	Robinson Aly	0.05 NW
Canal St	0.09 NE	Romeyn St	0.23 NW
Clark Aly	0.00 --	Rossenbach Pl	0.13 NW
Clifton St	0.25 SE	Silver St	0.09 NW
Cunningham St	0.21 SE	Spies Aly	0.08 SW
Dengler St	0.25 NW	State Highway 31	0.17 NE
Eisman Aly	0.07 NW	State Highway 33	0.11 SE
Grape St	0.21 NW	Terry St	0.15 SW
I-490	0.21 NW	Tilden St	0.24 SE
Industrial St	0.17 NE	Troup St	0.21 SE
Jefferson Ave	0.15 SW	Trowbridge St	0.18 NE
King St	0.03 NW	Van Auker St	0.24 SE
Lapey Pl	0.18 SW	W Broad St	0.17 NE
Litchfield St	0.03 NE	Wilder St	0.16 NW
Madison Park N	0.03 NW	Wiley St	0.04 N-
Madison Park S	0.04 SW	Yack Aly	0.06 SW
Madison St	0.09 NW		

Environmental FirstSearch

1 Mile Radius

ASTM Map: NPL, RCRACOR, STATE Sites

33 LITCHFIELD ST, ROCHESTER NY 14608



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 43.154282 Longitude: -77.625789) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.5 Mile Radius

ASTM Map: CERCLIS, RCRATSD, LUST, SWL

33 LITCHFIELD ST, ROCHESTER NY 14608

Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 43.154282 Longitude: -77.625789) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

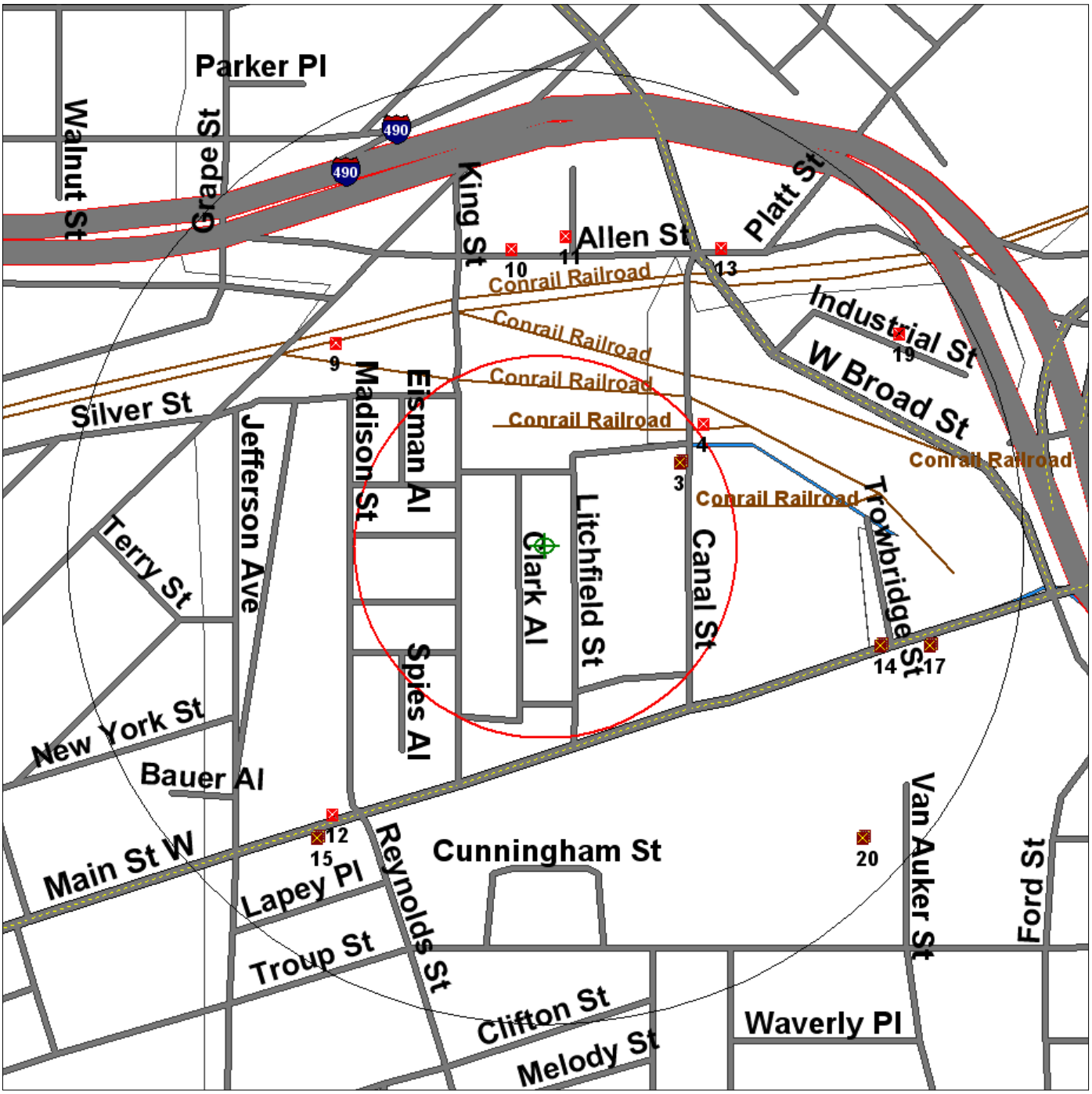
Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.25 Mile Radius

ASTM Map: RCRAGEN, ERNS, UST, FED IC/EC, METH LABS

33 LITCHFIELD ST, ROCHESTER NY 14608



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 43.154282 Longitude: -77.625789) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

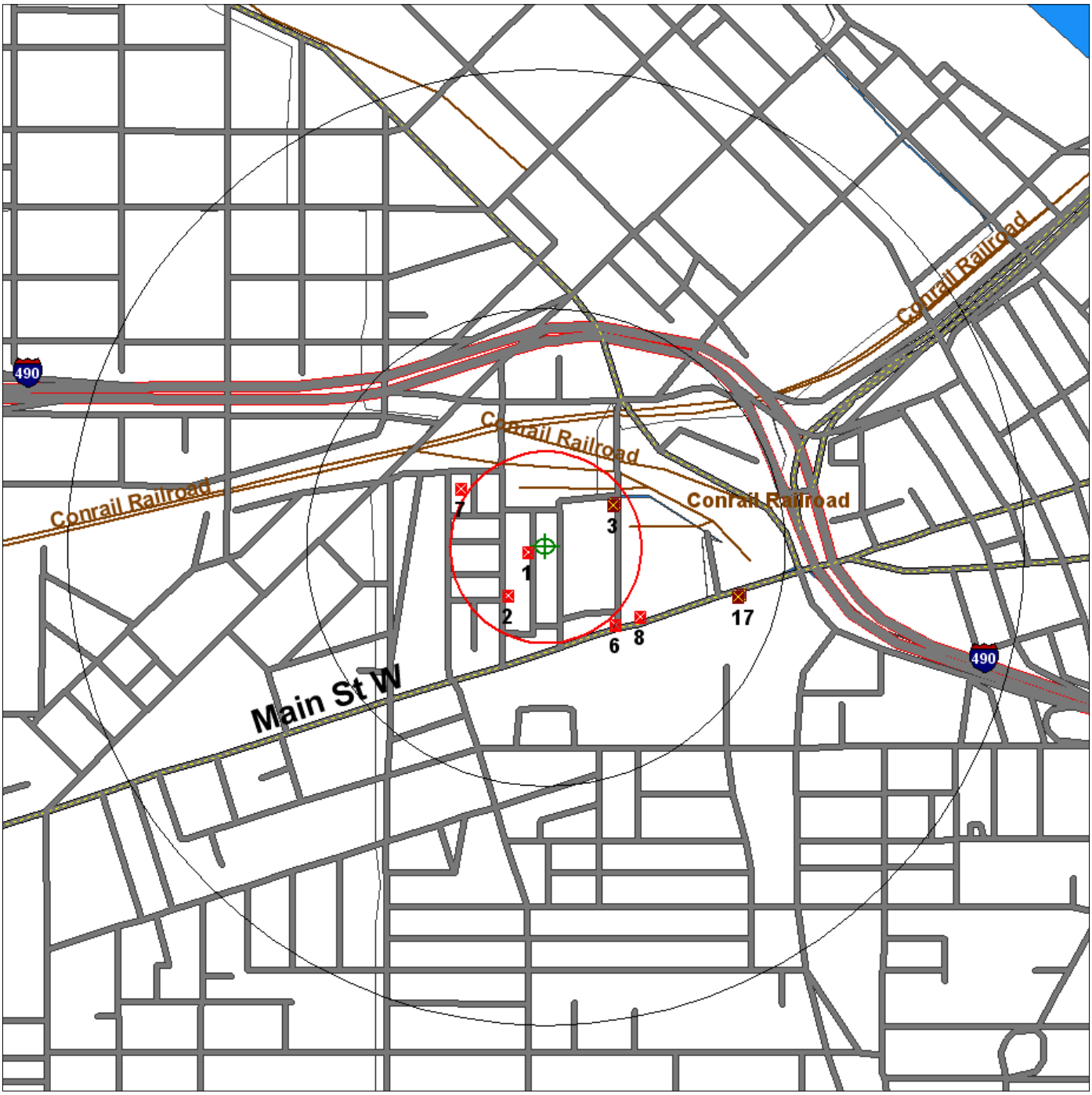
Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.5 Mile Radius

Non-ASTM Map: Spills 90, Brownfield

33 LITCHFIELD ST, ROCHESTER NY 14608



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 43.154282 Longitude: -77.625789) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

National Historic Sites and Landmark Sites .....

Railroads .....

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Phase II

Limited Subsurface Investigation
Carriage Factory Special Needs Apartments

33 Litchfield Street
Rochester, NY 14608

Prepared for:

The DePaul Group, Inc.

1931 Buffalo Road
Rochester, NY 14624

Prepared by:

Development and Environmental Consultants, Inc.

3178 Durham Road
Hamburg, NY 14075

February, 2011
Revised November, 2011

1.0 Executive Summary

Development & Environmental Consultants, Inc. (DECI) conducted a limited subsurface site investigation and environmental assessment of the site known as 33 Litchfield Street, located in the City of Rochester, County of Monroe and State of New York. This report was commissioned by The DePaul Group, Inc. to determine if potential Recognized Environmental Conditions (REC's) identified in the Phase I Report of the site completed in September 2010 by DECI are present in the sub-surface strata as a result of the historical manufacturing-based land use of the site.

Community character is established as manufacturing/warehousing north, east, and southeast with commercial and retail land uses further south along the West Main Street corridor. The western and northwestern land uses are predominantly single and multi-family residential intermixed with sparsely populated neighborhood businesses.

The local transportation network is made up of Litchfield Street traversing north and south from West Main Street, ending just north of the target forming the eastern margin of the parcel, Wiley Street traversing east and west forming the target parcels northern margin, Clark Alley a one (1) lane alleyway traversesing north and south along the parcels western margin. The southern margin of the parcel is located in a macadam parking area located contiguously south of Clark Alley.

Current zoning of the Litchfield Street parcel is Center City District (CCD).

The site is provided public water and sanitary services, there were no private water sources or private sanitary facilities identified on site.

There is one (1), four (4) story brick walled, wood frame building, with slab-on-grade basement floor and built-up roof coverings. The buildings construction date is circa 1910 and the facility encompass an aggregate area of 78, 060± sq. ft.

The target parcel encompasses approximately 1.50± ac. in area. The elevation of the site is approximately five hundred and sixteen (516) National Gravitational Vertical Datum (NGVD). A location drawing is presented in Appendix-A, Figures, Figure-1, Location.

Past property uses of the site circa 1892 were that of residential facilities in the area of where the existing building foot print was established during the construction event of 1910. The existing southern area of the site has historically remained outdoor storage.

Historical operations conducted in the facility, were that of automotive parts and clothing washer and dryer manufacturing . Research suggests the facility manufactured wood trim and/or accent related products for the automotive industry before conversion to the washer and dryer manufacturing.

The subsurface investigation consisted of a total of (9) Borings. Six (6) Borings were completed outside of the building, and three (3) Borings in the basement of the facility. The field work was completed during the dates of December 22 through 23, 2010. A Boring plan is presented in Appendix A, Figure 2, Site Plan Boring Locations. The final depth or point of refusal for Boring B-1 was 10.4 ft., B-2, 11.4 ft., B-3, 8.8 ft., B-4, 11.8 ft., B-5, 10.0 ft. and Boring B-6, 17.3 ft. bgs.

The soil characteristics of Borings B-1, B-2, B-4, B-5 and B-6 presented fill materials from the 0.1 ft. bgs

to 4.2ft. bgs. range over the site. The sampled fill material characteristics were generally observed as ash, cinders, slag and brick fragments. Asphalt pavement was noted in each of these Borings with the exception of B-2, this Boring was natural topsoil fill from the surface strata to the final depth of the Boring as discussed below.

Boring B-3 encountered asphalt pavement, coarse silty soil fill, and coarse silty slack water sediments.

The depth of fill, based on the data presented on the drilling logs, the data suggests an average thickness of 1.5 ft. of fill materials within the areas sampled.

Borings B-1 through B-6 were consistently observed as typical water sorted and deposited sand, with some silt and little gravel from the Total Depth (TD) of the fill materials to the end of each Boring. It should be noted that the Boring B-6 was completed as a bedrock core sample.

Borings B-7 through B-9 were completed in the basement of the building. These soil Borings were acquired by core drilling the basement floor, hand auguring and split spoon sampling. Upon completion of the Boring, the removed concrete core was grouted back in place.

Boring B-7 presented the soil samples as concrete to 0.5 ft., large gravel and cobble fill to 0.8 ft., sandy soil fill with large gravel and cobble fill. little silt, trace gravel to 1.8 ft., the point of refusal of 3.5 ft. bgs. B-8, was observed as concrete to 0.4 ft., brick to 0.7 ft., sandy soil fill with little silt and trace gravel to 1.6 ft. above coarse silty slack water sediment with little sand to 2.2 ft. over water sorted and deposited sand with little silt and trace gravel to refusal at 2.9 ft. bgs.

Boring B-9 presented concrete to 0.3 ft., concrete debris fill to 0.9 ft., concrete debris fill over sandy soil fill with little silt, trace brick fragments, gravel and concrete fragments to1.5 ft.,over water sorted and deposited sand with little silt, and trace gravel to refusal at 2.3 ft. bgs.

Photoionization detector (PID) readings were taken of each spoon sample and utilized in determining core
sample depths to be included in the environmental composite samples. PID readings did not indicate the presence of VOC's during field sampling.

Two (2) composite samples were derived from each Boring numbered B-1through B-6, and one (1) composite sample was prepared from each of the Borings B-7 through B-9.

Soil samples prepared for Laboratory Analysis from Borings B-1 through B-6, were combined from surface to the four (4) foot interval below ground surface (bgs), and four (4) feet measured vertically from the bottom of the Boring, or total depth of completion.

Borings B-7 through B-9 were sampled just below the concrete floor of the facility to the refusal point discussed above in each respective Boring representing an approximate depth of two (2) to four (4) feet bgs.

Soil samples were analyzed for Volatile Organic Contaminants (VOC's), Total Compound List (TCL), Semi-Volatile Organic Contaminants (SVOC's), TCL, Metals, 23 Total Analyte List (TAL), Pesticides Herbicides and Polychlorinated Biphenyls.

Borings B-1 through B-6 were sampled at the 0-4 ft. bgs depth for laboratory analysis of Herbicides, Pesticides and Polychlorinated Biphenyl's.

The following discussion presents an overview comparing the analytical findings of the investigation to New York State Department of Environmental Conservation (DEC), Environmental Remediation Programs, Code of Rules and Regulations, 6 NYCRR, Part 375, et. al. Effective December 14, 2006 and DEC Policy, CP-51, August 2010, Soil Cleanup Objectives guidance requirements for Unrestricted, Residential and Restricted Residential use and Protection of Ecological Resources and Groundwater.

Laboratory analysis for VOC's in the 0-4ft. bgs. samples presented trace concentrations of cis-1,2-Dichloroethene in Boring B-8, Tetrachloroethene in Borings B-6, B-7 and B-9, and, Trichloroethene was detected in Borings B-5, B-7 and B-8.

Trichloroethene in Boring B-5 is determined to be above Part 376-6.8(a) Guidance for Unrestricted Use, but lower than Part 375-6.8(b) Soil Cleanup Objectives (SCO's).

The analysis for SVOC's in the surface sample of Boring B-5 exceeded Unrestricted, Residential and Restricted Residential guidance values for Benzo (a) anthracene, Benzo (a) pyrene, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Chrysene, Dibenz (a,h) anthracene and Indeno (1,2,3-cd) pyrene. Boring B-5 analytical findings determined that the contaminates Benzo (a) anthracene, Benzo (a) pyrene, Benzo (b) fluoranthene, Chrysene, Dibenz (a,h) anthracene exceed, CP-51 and 375-6-8(b) Protection of Ecological Resources and Groundwater Guidance SCO's.

Unrestricted and/or Residential-Restricted Residential SCO's are exceeded in Boring B-1, for Copper, Iron, Lead, Mercury and Zinc, B-2, for Copper, Iron, Lead, Mercury, B-3, Copper, Iron, Lead, Mercury, B-4, Copper, Iron, Lead, Mercury, B-5, Copper, Iron, Lead, Mercury and Zinc, B-6, Arsenic, Cadmium, Copper, Iron, Lead, Mercury and Zinc, B-7 and B-8, Iron, and B-9, Iron and Zinc.

In comparing the analytical findings in the surface to 4ft. bgs. Samples to CP-51 and 375 Unrestricted, Protection of Ecological Resources and Groundwater SCO Guidance, it is determined that the following compounds exceed the SCO for Calcium, Copper, Iron, Lead, Mercury and Zinc in Boring B-1, B-2, Copper, Iron, Lead, Mercury, B-3, Copper, Iron, Lead, Mercury, B-4, Copper, Iron, Lead, Mercury, B-5, Aluminum, Calcium, Copper, Iron, Lead, Mercury, Nickel and Zinc, B-6, Arsenic, Cadmium, Calcium, Copper, Iron, Lead, Mercury and Zinc, B-7 and B-8, Calcium and Iron, and, B-9, Calcium, Copper, Iron and Zinc.

Metals derived from the TD Sample intervals determined Unrestricted, Residential and Restricted Residential SCO's exceeding Part 375-6.8 (a) and (b) guidance, as well as CP-51values. Boring B-1, B-2, B-4, B-5 and B-6 exceed SCO's for Iron. Boring B-3 exceeds SCO's for Iron and Manganese.

Pesticide compounds detected in the surface to 4 ft. bgs. analysis were 4,4'-DDD, 4,4'-DDT, alpha-BHC, Chlordane (alpha), Dieldrin, Endosulfan II, Endosulfan sulfate and Methoxychlor. 4,4'-DDT exceeds Unrestricted Residential and Protection of Ecological Resource SOC's in Boring B-1.

No Herbicides or Polychlorinated biphenyls were determined in any of the sample analyses.

Further action is recommended. Due to the intended reuse of the site as housing for people with disabilities, the results of this investigation indicate the potential for environmental impacts of Volatile Organic, Semi-Volatile Organic, Metals and Pesticide related compounds in the yard and Volatile and Semi-Volatile Organic compounds under the building.

Further information is presented in Section 5.0, Findings, Section 6.0, Investigation Analysis and Section 7.0, Recommendations.

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2.0 Introduction

2.1 Purpose and Authorization

DECI was authorized by the DePAul Group, Inc. to conduct a limited subsurface investigation and environmental assessment at 33 Litchfield Street, Rochester, NY. A site location map is presented in Figure 1, located in Appendix-A.

The purpose of the investigation was to verify potential Recognized Environmental Conditions (REC's) determined in the Phase I Report of the site completed in September, 2010 by DECI.

2.2 Background

The target parcel encompasses approximately 1.50± ac. in area. The site is located in the Rochester, NY Quadrangle, as stipulated by the United States Geological Survey (USGS) Topographic Map system dated 1985, at Longitude -77.625789 and Latitude of 43.154282. The elevation of the site is approximately five hundred and sixteen (516) National Gravitational Vertical Datum (NGVD). A location drawing is presented in Appendix-A, Figures, Figure-1, Location.

There is one (1) brick wall building, with wood frame, floors and roof structure located on the northern margin of the parcel. The building is four (4) stories in elevation form the street interval, with a basement elevation one (1) story below grade. The basement floor is poured concrete. The interior of the facility is predominantly configured as former manufacturing area and office space. The facility contains one (1) freight elevator. The buildings construction date is circa 1910 and the facility encompass an aggregate area of 78, 060± sq. ft.

Slope of the site is approximately 0 - 5% from the southern wall sloping south and down gradient from the building continuing south to the properties southern most margin. The western margin of the site at grade with Clark Alley. The eastern area of the site is up-gradient of the road bed of Lichfield Street at the northern intersection of the building, meeting native eastern, southeastern and southwestern topographical elevations. A Site Map is presented in Appendix-A, Figures, Figure-1, Site Map.
Soils on-site and general area have not been detailed by the US Natural Resources Conservation Service as the area is defined as Urban Land. Bedrock shale deposits were encountered within 14 ft. below ground surface (bgs).

Ground water is expected to flow east and southeast, based on local topology.

Past property uses of the site circa 1892 were that of residential facilities in the area of the existing building foot print. The existing building was established in 1910. Historical research of the existing southern area, presents former land uses of outdoor storage, parking and shipping & receiving operations. Historical operations conducted in the building were that of automotive parts manufacturing. Research suggests the facility manufactured wood trim and/or accent related products. The manufacturing process included rough stock handling, a machine shop and spray painting operations in the basement of the facility. The first floor housed the assumed product machining operations. The second floor Assembly and Tool Room, the third floor operated as finish stock and the fourth floor contained the pattern shop and experimental department operations.

In 1971 Sanborn maps detail operation of the first floor of the facility as Statewide Machinery, Inc.

Manufactures of washers and dryers. In addition, the 1971 Sanborn Map details one (1) spray booth located in the southwestern corner of the facility.

3.0 Methodologies and Procedures

3.1 Soil Boring Installation

This subsurface investigation consisted of a total of (9) Borings. Six Borings were completed outside of the building from surface to groundwater or point of refusal, and three (3) Borings in the basement of the facility, for sampling of the encountered materials just below the slab pad to point of four (4) feet or point of refusal. A Boring plan is presented in Appendix A, Figure 2, Boring Locations.
The final depth or point of refusal for Borings B-1 was 10.4 ft., B-2, 11.4 ft., B-3, 8.8 ft., B-4, 11.8 ft., B-5, 10.0 ft. and Boring B-6, 17.3 ft. bgs.

Boring B-6 was completed as a bedrock core sample. The soil sample depth was 10 to 14 ft. bgs, and the remaining depth of the Boring was advanced to acquire a bedrock core sample for future geo-technical design considerations. The core Boring was completed at 17.3 ft. bgs.

3.2 Soil Sampling

The samples were acquired by a rotary drilling rig auguring the core, then driving split spoon samplers by a 140-pound weight falling for 30 inches. Each soil sample was described at the time it was retrieved, and a subsurface log was produced by the geologist/soil scientist based upon visual examination and other field observations. The samplers were cleaned prior to each sampling event.

Photoionization detector (PID) readings were taken at each spoon sample and utilized in determining core sample depths to be included in the environmental composite samples. Soil samples were screened for the presence of volatile organic compounds (VOC's) by placing a representative soil sample into a sealable glass jar, then allowing the sample to volatilize for at least 15 minutes prior to measurement. The concentration of VOC's was then measured by inserting the tip of a PID into the sample's headspace. All of the samples screened were determined non-detect.

3.3 Boring Soil Stratigraphy

The soil characteristics of Borings B-1, B-2, B-4, B-5 and B-6 presented fill materials from 1.8 ft. bgs to a four 4.2ft. bgs. range over the site. The sampled fill material characteristics were generally observed as ash, cinders, slag and brick fragments. Asphalt pavement was noted in each of these Borings with the exception of B-2, this Boring was natural topsoil fill to the surface strata discussed below.
Boring B-3 encountered asphalt pavement, coarse silty soil fill, and coarse silty slack water sediments. surface soils presented. No fill materials were observed.

Borings B-1 through B-6 were consistently observed as typical water sorted and deposited sand, with some silt and little gravel from the depth of the fill materials to the end of each Boring.

The final depth or point of refusal for Borings B-1 was 10.4 ft., B-2, 11.4 ft., B-3, 8.8 ft., B-4, 11.8 ft., B 5, 10.0 ft. and Boring B-6, 17.3 ft. bgs. It should be noted that the B-6 Boring was completed as a bedrock core sample. The soils analytical sample depth was 10 to 14 ft. bgs, and the remaining depth of the Boring was advanced to acquire a bedrock core sample for future geo-technical design

considerations. The core Boring was completed at 17.3 ft. bgs.

Borings B-7 through B-9 were completed in the basement of the building. These soil Borings were acquired by core drilling the basement floor, hand auguring and split spoon sampling. Uppon completion of the Boring, the removed concrete core was grouted back in place.

Boring B-7 presented the soil samples as concrete to 0.5 ft., large gravel and cobble fill to 0.8 ft., sandy soil fill with large gravel and cobble fill. little silt, trace gravel to 1.8 ft., the point of refusal of 3.5 ft. bgs. B-8, was observed as concrete to 0.4 ft., brick to 0.7 ft., sandy soil fill with little silt and trace gravel to 1.6 ft. above coarse silty slack water sediment with little sand to 2.2 ft. over water sorted and deposited sand with little silt and trace gravel to refusal at 2.9 ft. bgs.

Boring B-9 presented concrete to 0.3 ft., concrete debris fill to 0.9 ft., concrete debris fill over sandy soil fill with little silt, trace brick fragments, gravel and concrete fragments to1.5 ft.,over water sorted and deposited sand with little silt, and trace gravel to refusal at 2.3 ft. bgs.

Based on field observations and drilling logs, the following table represents each Borings observed depth of fill, determined from the depth of initial encounter of the fill materials to the bottom of the fill strata in each Boring. Asphalt surface materials are not considered fill materials in this segment of the discussion.

Depth of Fill Materials					
Boring Depth	**B-1**	**B-2**	**B-4**	**B-5**	**B-6**
Begin	0.1	0.2	0.1	0.1	0.1
End	4	1.8	2.3	3.2	4.2

Table 3-1

Considering the depth of fill, based on the data presented on the drilling logs, the data suggests an average thickness of 1.5 ft. of fill materials within the areas sampled.

4.0 Analytical Findings

All samples were prepared and transported to Paradigm Environmental Services, Inc. (ELAP No. 10958), located in Rochester, NY. Samples were kept at a temperature of 4° C during transportation. Chain of custody protocol was followed, a copy of which can be located at the end of the Laboratory Analytical Report presented in Appendix-C, Laboratory Report.

It should be noted that typical soil samples are combined/composited over two (2) foot intervals. The result of poor split spoon sampler recovery of the Borings, and the minimum volume required for laboratory sample preparation and analysis for Herbicide and Pesticide prescribed methods, necessitated combining four foot intervals of material to achieve the volume of material needed for laboratory analysis sample preparation.

Soil samples were analyzed by the following EPA Methods:

8260 Volatile Organic Contaminants (VOC's), Total Compound List (TCL).
8270 Semi-Volatile Organic Contaminants (SVOC's), TCL.
6020 Metals, 23 Total Analyte List (TAL).
8081 Pesticides
8151 Herbicides
8082 Polychlorinated Biphenyls

The analytical protocol included laboratory analysis for Volatile Organic Contaminants, Semi-Volatile Organic Contaminants and Metals compounds for samples derived from Borings B-1 through B-6. These samples were acquired from the 0-4ft. bgs and, the TD of each Boring. Borings B-7 through B-9 were sampled just below the concrete floor of the facility to the refusal point discussed above in each respective Boring.

Borings B-1 through B-6 were also sampled at the 0-4 ft. bgs depth for laboratory analysis by Herbicide, Pesticide and Polychlorinated Biphenyl prescribed methods.

Analytical findings are compared to New York State Department of Environmental Conservation (DEC), Environmental Remediation Programs, Code of Rules and Regulations, 6 NYCRR, Part 375, et. al. Effective December 14, 2006 and DEC Policy, CP-51, August 2010, Soil Cleanup Objectives (SCO's) guidance requirements for Unrestricted, Residential, Restricted Residential use, as well as Protection of Ecological Resources and Groundwater where appropriate.

Summary Tables comparing the analytical findings are presented below and in Appendix-B, Analytical Summary Tables.

4.1 Volatile Organic Compounds

Laboratory analysis for VOC's in the 0-4ft. bgs. samples presented trace concentrations of cis-1,2-Dichloroethene in Boring B-8, Tetrachloroethene in Borings B-6, B-7 and B-9, and, Trichloroethene was detected in Borings B-5, B-7 and B-8. Trichloroethene in Boring B-5 is determined to be above Part 376-6.8(a) Guidance for Unrestricted Use, but lower than Part 375-6.8(b) Restricted Residential Soil Cleanup Objectives (SCO's).

Table-4.1-1, Soil Summary for VOC's presented below compares the findings of the analyses by Boring location.

Volatile Organic Compounds (VOC) 0-4 ft. BGS (mg/kg=ppm)								
Contaminant	**Unrestricted 375-6.8(a)**	**Residential 375-6.8(b) CP-51**	**Restricted Residential 375-6.8(b)/ CP-51**	**B-5**	**B-6**	**B-7**	**B-8**	**B-9**
1,1,1-Trichloroethane	0.68	100	100	-	-	-	-	-
* 1,1,2,2-Tetrachloroethane	NS	35	NS	-	-	-	-	-
1,1,-Dichloroethane	0.27	19	26	-	-	-	-	-

Volatile Organic Compounds (VOC) 0-4 ft. BGS (mg/kg=ppm)								
Contaminant	**Unrestricted 375-6.8(a)**	**Residential 375-6.8(b) CP-51**	**Restricted Residential 375-6.8(b)/ CP-51**	**B-5**	**B-6**	**B-7**	**B-8**	**B-9**
1,1-Dichloroethene	0.33	100	100	-	-	-	-	-
1,2-Dichlorobenzene	1.1	100	100	-	-	-	-	-
1,2-Dichloroethane	0.02	2.3	3.1	-	-	-	-	-
1,3-Dichlorobenzene	2.4	17	49	-	-	-	-	-
1,4-Dichlorobenzene	1.8	9.8	13	-	-	-	-	-
* 2-Butanone	NS	100	NS	-	-	-	-	-
Acetone	0.05	100	100	-	-	-	-	-
Benzene	0.06	2.9	4.8	-	-	-	-	-
* Carbon disulfide	NS	100	NS	-	-	-	-	-
Carbon Tetrachloride	0.76	1.4	2.4	-	-	-	-	-
Chlorobenzene	1.1	100	100	-	-	-	-	-
Chloroform	0.37	10	49	-	-	-	-	-
Ethylbenzene	1	30	41	-	-	-	-	-
cis-1,2-Dichloroethene	0.25	59	100	-	-	-	0.0109	-
Methylene Chloride	0.05	51	100	-	-	-	-	-
Tetrachloroethene	1.3	5.5	19	-	0.0434	0.0244	-	0.0222
Toluene	0.7	100	100	-	-	-	-	-
trans-1,2-Dichloroethene	0.19	NS	100	-	-	-	-	-
Trichloroethene	0.47	10	21	**1.11**	-	0.00608	0.011	-
Vinyl chloride	0.02	0.21	0.9	-	-	-	-	-
Xylene (mixed)	0.26	100	100	-	-	-	-	-

Table 4.1-1

Borings B-1 through B-4 surface samples as well as TD sample intervals in Borings B-1through B-6 were non-detect for all VOC's.

4.2 Semi-Volatile Organic Compounds

The analysis for SVOC's in the surface to 4ft. bgs. details detection of Anthracene in Boring B-5, Benzo (a) anthracene in Borings B-1, B-3 and B-5, Benzo (a) pyrene in Borings B-1, B-3 and B-5, Benzo (b) fluoranthene B-1, B-3 and B-5, Benzo (g,h,i) perylene and Benzo (k) fluoranthene in Boring B-5, Bis (2

ethylhexyl) phthalatein in Boring B-9, Chrysene in Borings B-1, B-3 and B-5, Dibenz (a,h) anthracene and Di-n-butyl phthalate, B5, Fluoranthene, B-1, B-3 and B-5, Fluorene, Indeno (1,2,3-cd) pyrene and Naphthalene in Boring B-5, Phenanthrene, and Pyrene in Borings B-1, B-3, and B-5.

4.2.1 SVOC's Surface Samples Unrestricted, Residential and Restricted Residential

Boring B-5 exceeded Unrestricted, Residential and Restricted Residential guidance values for Benzo (a) anthracene, Benzo (a) pyrene, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Chrysene, Dibenz (a,h) anthracene and Indeno (1,2,3-cd) pyrene.

The following, Table 4.2-1 presents the analytical comparison of SVOC's by Boring.

Semi-Volatile Organic Compounds (SVOC) 0-4 ft. BGS (mg/kg=ppm)							
Contaminant	**Unrestricted 375-6.8(a)**	**Residential 375-6.8(b) CP-51**	**Restricted Residential 375-6.8(b)**	**B-1**	**B-3**	**B-5**	**B-9**
* 2,4,5-Trichlorophenol	NS	100	NS	-	-	-	-
* 2,4-Dinitrophenol	NS	100	NS	-	-	-	-
* 2,6-Dinitrotoluene	NS	1.03	NS	-	-	-	-
* 2-Chlorophenol	NS	100	NS	-	-	-	-
* 2-Methylnaphthalene	NS	0.41	NS	-	-	-	-
* 4-Chloroaniline	NS	100	NS	-	-		
Acenaphthene	20	100	100	-	-	0.855	-
Acenaphthylene	100	100	100	-	-	-	-
Anthracene	100	100	100	-	-	1.83	-
Benzo (a) anthracene	1	1	1	0.582	0.431	**3.02**	-
Benzo (a) pyrene	1	1	1	0.533	0.393	**2.64**	-
Benzo (b) fluoranthene	1	1	1	0.477	0.417	**2.68**	-
Benzo (g,h,i) perylene	100	100	100	-	-	1.76	-
Benzo (k) fluoranthene	0.8	1	3.9	-	-	**1.75**	-
* Benzoic Acid	NS	100	NS	-	-	-	-
* Bis (2-ethylhexyl) phthalate	NS	50	NS	-	-	-	0.472
* Butylbenzylphthalate	NS	100	NS	-	-	-	-
Chrysene	1	1	3.9	0.573	0.419	**2.94**	-
Dibenz (a,h) anthracene	0.33	0.33	0.33	-	-	**0.629**	-

Semi-Volatile Organic Compounds (SVOC) 0-4 ft. BGS (mg/kg=ppm)							
Contaminant	**Unrestricted 375-6.8(a)**	**Residential 375-6.8(b) CP-51**	**Restricted Residential 375-6.8(b)**	**B-1**	**B-3**	**B-5**	**B-9**
* Diethyl phthalate	NS	100	NS	-	-	-	-
* Dimethyl phthalate	NS	100	NS	-	-	-	-
* Di-n-butyl phthalate	NS	100	NS	-	-	0.489	-
* Di-n-octyl phthalate	NS	100	100	-	-	-	-
Fluoranthene	100	100	100	1.07	0.887	6.28	-
Fluorene	30	30	100	-	-	0.834	-
* Hexachlorobenzene	NS	0.41	NS	-	-	-	-
Indeno (1,2,3-cd) pyrene	0.5	0.5	0.5	-	-	**1.73**	-
* Isophorone	NS	100	NS	-	-	-	-
Naphthalene	12	100	100	-	-	0.424	-
* Nitrobenzene	NS	3.7	15	-	-	-	
Pentachlorophenol	0.8	2.4	6.7	-	-	-	-
Phenanthrene	100	100	100	0.491	0.569	6.25	-
Phenol	0.33	100	500	-	-	-	-
Pyrene	100	100	100	0.878	0.724	5.13	-

Table 4.2-1

4.2.2 SVOC's Surface Samples Unrestricted and Protection of Ecological Resources

Boring B-5 analytical findings determined that the contaminates Benzo (a) anthracene, Benzo (a) pyrene, Benzo (b) fluoranthene, Chrysene, Dibenz (a,h) anthracene exceed, CP-51 and 375-6-8(b) Protection of Ecological Resources and Groundwater Guidance SCO's.

The following table compares the Analytical findings to Part 375-6.8(a) Unrestricted, CP-51 and 375-6-8(b) Protection of Ecological Resources and Groundwater Guidance SCO's.

Semi-Volatile Organic Compounds (SVOC) 0-4 ft. BGS (mg/kg=ppm)							
Contaminant	**Unrestricted 375-6.8(a)**	**Protection of Ecological Resources 375-6.8(b)/ CP-51**	**Protection of Ground-water 375-6.8(b)/ CP-51**	**B-1**	**B-3**	**B-5**	**B-9**
* 2,4,5-Trichlorophenol	NS	4	0.1	-	-	-	-

Semi-Volatile Organic Compounds (SVOC) 0-4 ft. BGS (mg/kg=ppm)							
Contaminant	**Unrestricted 375-6.8(a)**	**Protection of Ecological Resources 375-6.8(b)/ CP-51**	**Protection of Ground-water 375-6.8(b)/ CP-51**	**B-1**	**B-3**	**B-5**	**B-9**
* 2,4-Dinitrophenol	NS	20	0.2	-	-	-	-
* 2,6-Dinitrotoluene	NS	1.03	1.0	-	-	-	-
* 2-Chlorophenol	NS	0.8	NS	-	-	-	-
* 2-Methyl-naphthalene	NS	NS	1.0	-	-	-	-
* 4-Chloroaniline	NS	100	0.22	-	-	-	
Acenaphthene	20	20	98	-	-	0.855	-
Acenaphthylene	100	NS	107	-	-	-	-
Anthracene	100	NS	1,000	-	-	1.83	-
Benzo (a) anthracene	1	NS	1	0.582	0.431	**3.02**	-
Benzo (a) pyrene	1	2.6	22	0.533	0.393	**2.64**	-
Benzo (b) fluoranthene	1	NS	1.7	0.477	0.417	**2.68**	-
Benzo (g,h,i) perylene	100	NS	1,000	-	-	1.76	-
Benzo (k) fluoranthene	0.8	NS	1.7	-	-	**1.75**	-
* Benzoic Acid	NS	NS	2.7	-	-	-	-
* Bis (2-ethylhexyl) phthalate	NS	239	435	-	-	-	0.472
* Butylbenzylphthalate	NS	NS	122	-	-	-	-
Chrysene	1	NS	1	0.573	0.419	**2.94**	-
Dibenz (a,h) anthracene	0.33	NS	1,000	-	-	**0.629**	-
* Diethyl phthalate	NS	100	7.1	-	-	-	-
* Dimethyl phthalate	NS	200	27	-	-	-	-
* Di-n-butyl phthalate	NS	0.014	8.1	-	-	0.489	-
* Di-n-octyl phthalate	NS	NS	120	-	-	-	-
Fluoranthene	100	1,000	100	1.07	0.887	6.28	-
Fluorene	30	30	386	-	-	0.834	-
* Hexachlorobenzene	NS	NS	1.4	-	-	**-**	-
Indeno (1,2,3-cd) pyrene	0.5	NS	8.2	-	-	**1.73**	-
* Isophorone	NS	NS	4.4	-	-	-	-

Semi-Volatile Organic Compounds (SVOC) 0-4 ft. BGS (mg/kg=ppm)							
Contaminant	**Unrestricted 375-6.8(a)**	**Protection of Ecological Resources 375-6.8(b)/ CP-51**	**Protection of Ground-water 375-6.8(b)/ CP-51**	**B-1**	**B-3**	**B-5**	**B-9**
Naphthalene	12	NS	12	-	-	0.424	-
* Nitrobenzene	NS	40	0.17	-	-	-	-
Pentachlorophenol	0.8	0.8	0.8	-	-	-	-
Phenanthrene	100	NS	1,000	0.491	0.569	6.25	-
Phenol	0.33	30	0.33	-	-	-	-
Pyrene	100	NS	1,000	0.878	0.724	5.13	-

Table 4.2-2

Analysis of TD sample intervals for Borings B-1 through B-6 were non-detect for all SVOC compounds.

4.3 Metals

Laboratory Analysis for all of the Borings returned values for Metals. Metals analysis in the surface to 4ft. bgs. details detection of Copper, Iron, Lead, Mercury and Zinc in Boring B-1, B-2, Copper, Iron, Lead, Mercury, B-3, Copper, Iron, Lead, Mercury, B-4, Copper, Iron, Lead, Mercury, B-5, Copper, Iron, Lead, Mercury and Zinc, B-6, Arsenic, Cadmium, Copper, Iron, Lead, Mercury and Zinc, B-7 and B-8, Iron, and B-9, Iron and Zinc.

4.3.1 Metals - Surface Samples Unrestricted and Residential

Unrestricted and/or Residential-Restricted Residential SCO's are exceeded in Boring B-1, for Copper, Iron, Lead, Mercury and Zinc, B-2, for Copper, Iron, Lead, Mercury, B-3, Copper, Iron, Lead, Mercury, B-4, Copper, Iron, Lead, Mercury, B-5, Copper, Iron, Lead, Mercury and Zinc, B-6, Arsenic, Cadmium, Copper, Iron, Lead, Mercury and Zinc, B-7 and B-8, Iron, and B-9, Iron and Zinc.

The following table presents a comparison of the analytical findings of the metals analysis comparing them to Part 375.6 (a)&(b) and CP-51 SCO's for Unrestricted, Residential and Restricted Residential re-use objectives.

Metals - 0-4ft. BGS. Samples (mg/kg=ppm)												
Contaminant	**Unrestricted 375-6.8(a)**	**Residential 375-6.8(b)/ CP-51**	**Restricted Residential 375-6.8(b)/ CP-51**	**B-1**	**B-2**	**B-3**	**B-4**	**B-5**	**B-6**	**B-7**	**B-8**	**B-9**
Arsenic	13	16	16	8.95	6.69	5.18	5.19	12.3	**14.7**	1.46	1.15	3.70

Metals - 0-4ft. BGS. Samples (mg/kg=ppm)												
Contaminant	**Unrestricted 375-6.8(a)**	**Residential 375-6.8(b)/ CP-51**	**Restricted Residential 375-6.8(b)/ CP-51**	**B-1**	**B-2**	**B-3**	**B-4**	**B-5**	**B-6**	**B-7**	**B-8**	**B-9**
Barium	350	350	400	113	68.0	66.4	62.4	227	116	27.7	26.5	108
Beryllium	7.2	14	72	-	-	0.451	-	0.626	-	-	-	-
Cadmium	2.5	2.5	4.3	-	-	-	-	2.28	**3.08**	-	-	-
Chromium	NS	NS	NS	10.6	9.86	12.0	10.0	276	13.7	6.66	5.86	8.35
* Cobalt	NS	30	NS	7.79	7.83	6.23	6.62	11.0	7.24	3.41	3.47	5.14
Copper	50	270	270	**261**	**253**	**198**	**223**	**2,170**	**5,680**	11	7.26	**5,520**
* Iron	NS	2,000	NS	**49,600**	**20,700**	**21,500**	**19,300**	**37.400**	**29,300**	**9,480**	**8,740**	**14,400**
Lead	63	400	400	**1,210**	**560**	**240**	**280**	**2,520**	**1,960**	3.35	4.21	37.2
Manganese	1600	2,000	2,000	284	253	390	423	484	296	298	322	402
Mercury(T)	0.18	0.81	0.81	**0.803**	**0.268**	**0.493**	**0.236**	**0.308**	**0.690**	-	-	<0.008M
Nickel	30	140	310	26.1	18.8	12.5	12.0	327	32.0	7.53	5.80	12.3
Selenium	3.9	36	180	-	-	-	-	-	-	-	-	-
Silver	2	36	180	2.0	1.06	0.900	<0.872	1.48	7.51	-	-	-
* Vanadium	NS	100	NS	15.7	18.2	21.5	20.2	26.1	15.4	13.5	13.0	13.1
Zinc	109	2,200	10,000	**508**	14.3	102	92.6	**2,680**	**2,460**	17.1	17.3	**5,790**

Table 4.3-1

4.3.2 Metals - Surface Samples Unrestricted and Protection of Resources

In comparing the analytical findings in the surface to 4ft. bgs. samples to CP-51 and 375 Unrestricted, Protection of Ecological Resources and Groundwater SCO Guidance, it is determined that the following compounds exceed the SCO for Calcium, Copper, Iron, Lead, Mercury and Zinc in Boring B-1, B-2, Copper, Iron, Lead, Mercury, B-3, Copper, Iron, Lead, Mercury, B-4, Copper, Iron, Lead, Mercury , B-5, Aluminum, Calcium, Copper, Iron, Lead, Mercury, Nickel and Zinc, B-6, Arsenic, Cadmium, Calcium, Copper, Iron, Lead, Mercury and Zinc, B-7 and B-8, Calcium and Iron, and, B-9, Calcium, Copper, Iron and Zinc.

Metals - 0-4ft. BGS. Samples (mg/kg=ppm)												
Contaminant	**Unrestricted 375-6.8(a)**	**Protection of Ecological Resources 375-6.8(b)/ CP-51**	**Protection of Ground-water 375-6.8(b)/ CP-51**	**B-1**	**B-2**	**B-3**	**B-4**	**B-5**	**B-6**	**B-7**	**B-8**	**B-9**
* Aluminum	NS	10,000	NS	5,080	7,040	9,860	7,891	**11,300**	5,100	3,980	3,920	5,300
* Antimony	NS	12	NS	-	-	-	-	-	-	-	-	-
Arsenic	13	13	16	8.95	6.69	5.18	5.19	12.3	**14.7**	1.46	1.15	3.70
Barium	350	433	820	113	68.0	66.4	62.4	227	116	27.7	26.5	108
Beryllium	7.2	10	47	-	-	0.451	-	0.626	-	-	-	-
Cadmium	2.5	4	7.5	-	-	-	-	2.28	**3.08**	-	-	-
Calcium	NS	10,000	NS	**18,000**	6,800	1,520	2,560	**12,100**	**62,100**	**51,500**	**42,200**	**71,700**
Chromium	NS	NS	NS	10.6	9.86	12.0	10.0	276	13.7	6.66	5.86	8.35
* Cobalt	NS	20	NS	7.79	7.83	6.23	6.62	11.0	7.24	3.41	3.47	5.14
Copper	50	50	1,720	**261**	**253**	**198**	**223**	**2,170**	**5,680**	11	7.26	**5,520**
* Iron	NS	2,000	NS	**49,600**	**20,700**	**21,500**	**19,300**	**37.400**	**29,300**	**9,480**	**8,740**	**14,400**
Lead	63	63	450	**1,210**	**560**	**240**	**280**	**2,520**	**1,960**	3.35	4.21	37.2
Manganese	1600	1,600	2,000	284	253	390	423	484	296	298	322	402
Mercury(T)	0.18	0.18	0.73	**0.803**	**0.268**	**0.493**	**0.236**	**0.308**	**0.690**	-	-	-
Nickel	30	30	130	26.1	18.8	12.5	12.0	**327**	32.0	7.53	5.80	12.3
Selenium	3.9	3.9	4	-	-	-	-	-	-	-	-	-
Silver	2	2	8.3	2.0	1.06	0.900	-	1.48	7.51	-	-	-
* Thallium	NS	5	NS	-	-	-	-	-	-	-	-	-
* Vanadium	NS	39	NS	15.7	18.2	21.5	20.2	26.1	15.4	13.5	13.0	13.1
Zinc	109	109	2,480	**508**	14.3	102	92.6	**2,680**	**2,460**	17.1	17.3	**5,790**

Table 4.3-2

4.3.3 Metals - TD Unrestricted and Residential

Metals derived from the TD sample intervals determined Unrestricted, Residential and Restricted Residential SCO's exceeding Part 375-6.8 (a) and (b) guidance, as well as CP-51values.

Boring B-1, B-2, B-4, B-5 and B-6 exceed SCO's for Iron. Boring B-3 exceeds SCO's for Iron and Manganese. The following table presets the Boring Total Depth, Metals analytical comparisons.

Metals - Total Depth (TD) Samples (mg/kg=ppm)									
Contaminant	**Unrestricted 375-6.8(a)**	**Residential 375-6.8(b)/ CP-51**	**Restricted Residential 375-6.8(b)/ CP-51**	**B-1 8-12ft. Bgs.**	**B-2 8-12ft. Bgs.**	**B-3 6-10ft. Bgs.**	**B-4 8-12ft. Bgs.**	**B-5 6-10ft. Bgs.**	**B-6 10-14ft. Bgs.**
Arsenic	13	16	16	1.63	1.71	2.28	1.51	1.57	2.48
Barium	350	350	400	25.1	20.3	36.9	21.9	24.0	17.9
Beryllium	7.2	14	72	-	-	-	-	-	-
Cadmium	2.5	2.5	4.3	-	-	-	-	-	-
Chromium	NS	NS	NS	6.31	5.96	5.13	5.47	6.79	6.85
* Cobalt	NS	30	NS	3.68	3.32	3.17	3.32	4.36	4.09
Copper	50	270	270	16.2	7.25	8.42	6.16	8.67	19.6
* Iron	NS	2,000	NS	**95,600**	**9,150**	**8,758.4**	**8,350**	**10,900**	**10,400**
Lead	63	400	400	13.0	2.72	3.27	2.53	2.98	5.84
Manganese	1600	2,000	2,000	302	266	**2,460**	280	392	483
Mercury(T)	0.18	0.81	0.81	-	-	-	-	0.0081	-
Nickel	30	140	310	10.0	5.77	6.15	5.70	6.57	7.18
Selenium	3.9	36	180	-	-	-	-	-	-
Silver	2	36	180	-	-	-	-	-	-
*Vanadium	NS	100	NS	13.6	13.2	11.0	12.0	15.4	13.3
Zinc	109	2,200	10,000	21.1	14.7	13.8	14.9	25.3	21.4

Table 4.3-3

4.3.4 Metals TD Samples Unrestricted and Protection of Resources

When comparing the analytical findings in the TD samples to CP-51 and 375 guidance for Unrestricted, Protection of Ecological Resources and Groundwater SCO's, it is determined that the following compounds exceed the SCO in Boring B-1 through B-6 for Calcium and Iron, and B-3 for Manganese.

The following table presents the comparison of the analytical findings in comparison to resource protection SCO's.

Metals - Total Depth (TD) Samples (mg/kg=ppm)									
Contaminant	**Unrestricted 375-6.8(a)**	**Protection of Ecological Resources 375-6.8(b)/ CP-51**	**Protection of Ground-water 375-6.8(b)/ CP-51**	**B-1 8-12ft. Bgs.**	**B-2 8-12ft. Bgs.**	**B-3 6-10ft. Bgs.**	**B-4 8-12ft. Bgs.**	**B-5 6-10ft. Bgs.**	**B-6 10-14ft. Bgs.**
* Aluminum	NS	10,000	NS	3,420	3,600	3,170	3,390	4,440	4,670
* Antimony	NS	12	NS	-	-	-	-	-	-
Arsenic	13	13	16	1.63	1.71	2.28	1.51	1.57	2.48
Barium	350	433	820	25.1	20.3	36.9	21.9	24.0	17.9
Beryllium	7.2	10	47	-	-	-	-	-	-
Cadmium	2.5	4	7.5	-	-	-	-	-	-
* Calcium	NS	10,000	NS	**34,200**	**44,300**	**119,000**	**65,600**	**16,300**	**37,100**
Chromium	NS	NS	NS	6.31	5.96	5.13	5.47	6.79	6.85
* Cobalt	NS	20	NS	3.68	3.32	3.17	3.32	4.36	4.09
Copper	50	50	1,720	16.2	7.25	8.42	6.16	8.67	19.6
* Iron	NS	2,000	NS	**95,600**	**9,150**	**8,758.4**	**8,350**	**10,900**	**10,400**
Lead	63	63	450	13.0	2.72	3.27	2.53	2.98	5.84
Manganese	1600	1,600	2,000	302	266	**2,460**	280	392	483
Mercury(T)	0.18	0.18	0.73	-	-	-	-	-	-
Nickel	30	30	130	10.0	5.77	6.15	5.70	6.57	7.18
Selenium	3.9	3.9	4	-	-	-	-	-	-
Silver	2	2	8.3	-	-	-	-	-	-
*Thallium	NS	5	NS	-	-	-	-	-	-
*Vanadium	NS	39	NS	13.6	13.2	11.0	12.0	15.4	13.3
Zinc	109	109	2,480	21.1	14.7	13.8	14.9	25.3	21.4

Table 4.3-4

4.4 Surface Samples, Herbicides, Pesticides and PCB's

Pesticide compounds detected in the analysis were 4,4'-DDD, 4,4'-DDT, alpha-BHC, Chlordane (alpha), Dieldrin, Endosulfan II, Endosulfan sulfate and Methoxychlor.

The client/user of this document should factor into consideration that a Martix bias is noted in the analytical results by presenting a compound concentration difference of more then 40% between the Primary and Secondary Column analysis and quality data. The parameters biased in Boring B-1 are 4,4'-DDD,Endosulfan sulfate and Methoxychlor, B-5 were 4,4'-DDD, 4,4'-DDT, alpha-BHC, Chlordane

(alpha), Dieldrin Endosulfan II, Endosulfan sulfate and Methoxychlor, and B-6, Methoxychlor.

4.4.1 Herbicides, Pesticides and PCB's Unrestricted and Residential

4,4'-DDT exceeds Unrestricted SOC's in Boring B-1 and B-3.

Table-4.4-1, Soil Summary for Herbicides, Pesticides and PCB's, compares the compound values of the analyses by Boring location.

Herbicides, Pesticides and PCB's 0-4 Ft. BGS. (mg/kg=ppm)							
Contaminant	**Unrestricted 375-6.8(a)**	**Residential 375-6.8(b)/ CP-51**	**Restricted Residential 375-6.8(b)/ CP-51**	**B-1**	**B-3**	**B-5**	**B-6**
2,4-D (2,4 Dichlor-phenoxyacetic Acid	NS	100	NS	-	-	-	-
2,4,5-TP Acid (Silvex)	3.8	NS	100	-	-	-	-
4,4'-DDD	0.0033	NS	13	C 0.016		C 0.022	
4,4'-DDE	0.0033	NS	8.9	-	-		-
4,4'-DDT	0.0033	NS	7.9	**0.00407**	**0.00507**	C 0.0224	-
Aldrin	0.005	NS	0.097	-	-		-
alpha-BHC	0.02	NS	0.48	-	-	C 0.0155	-
beta-BHC	0.036	NS	0.36	-	-	-	-
delta-BHC	0.04	NS	100	-	-	-	-
* Chlordane (gamma)	NS	0.54	NS	-	-	-	-
Chlordane (alpha)	0.094	NS	4.2	-	-	0.0188	-
Dieldrin	0.005	NS	0.2	-	-	C 0.0049	-
Endosulfan I	2.4	NS	24	-	-	-	-
Endosulfan II	2.4	NS	24	-	-	0.00386	-
Endosulfan sulfate	2.4	NS	24	C 0.0104	-	C 0.0124	
Endrin	0.014	NS	11	-	-	-	-
Heptachlor	0.042	NS	2.1	-	-	-	-
* Heptachlor Epoxide	NS	0.077	NS	-	-	-	-
* Methoxychlor	NS	100	NS	C 0.0815	0.0848	C 0.00637	C 0.022
Polychlorinated biphenyls	0.1	1	1	-	-	-	-

Table 4.4-1

4.4.2 Herbicides, Pesticides, PCB's Unrestricted and Ecological Resources

Comparing Borings B-1 and B-3 for Unrestricted and Protection of Ecological Resources, the findings present values for 4,4' DDT above the Unrestricted and Protection of Ecological Resources, but below the Protection of Groundwater clean up objective.

The following table compares those findings.

Herbicides, Pesticides and PCB's 0-4 Ft. BGS. (mg/kg=ppm)							
Contaminant	**Unrestricted 375-6.8(a)**	**Protection of Ecological Resources 375-6.8(b)/ CP-51**	**Protection of Ground-water 375-6.8(b)/ CP-51**	**B-1**	**B-3**	**B-5**	**B-6**
* 2,4-D (2,4 Dichlor-phenoxyacetic Acid	NS	NS	0.5	-	-	-	-
2,4,5-TP Acid (Silvex)	3.8	NS	3.8	-	-	-	-
4,4'-DDD	0.0033	0.0033	14	C 0.016	-	C 0.022	-
4,4'-DDE	0.0033	0.0033	17	-	-	-	-
4,4'-DDT	0.0033	0.0033	136	**0.00407**	**0.00507**	C 0.0224	-
Aldrin	0.005	0.14	0.19	-	-	-	-
alpha-BHC	0.02	0.04	0.02	-	-	C 0.0155	-
beta-BHC	0.036	0.6	0. 09	-	-	-	-
delta-BHC	0.04	NS	NS	-	-	-	-
* Chlordane (gamma)	NS	NS	14	-	-	-	-
Chlordane (alpha)	0.094	1.3	2.9	-	-	0.0188	-
Dieldrin	0.005	0.006	0.1	-	-	C 0.0049	-
Endosulfan I	2.4	NS	102	-	-	-	-
Endosulfan II	2.4	NS	102	-	-	0.00386	-
Endosulfan sulfate	2.4	NS	1,000	C 0.0104	-	C 0.0124	
Endrin	0.014	0.014	0.06	-	-	-	-
Heptachlor	0.042	0.14	0.38	-	-	-	-
* Heptachlor Epoxide	NS	NS	0.02	-	-	-	-
* Methoxychlor	NS	1.2	900	C 0.0815	0.0848	C 0.00637	C 0.022
Polychlorinated biphenyls	0.1	NS	NS	-	-	-	-

Table 4.4-2

4.5 Non-Detect Sample Results and Boring Location

Analytical results for Borings B-1 through B-4 confirm non-detect values for Volatile Organics, Herbicides and Polychlorinated Biphenyls in the 0-4 ft. bgs. surface samples.

The analytical results from samples derived from the bottom, or, TD of Borings B-1 through B-6 returned non-detect values for all Volatile and Semi-Volatile Organics.

All Herbicide and Polychlorinated Biphenyls analysis provided non-detect values for both EPA Methods at all six (6) Boring locations.

5.0 Findings

Surface stratigraphy is comprised of areas of fill materials consisting of ash, cinders, slag,brick fragments and asphalt pavement across the site. Native soils are presented below the fill interval. Asphalt pavement was noted in each of the Borings with the exception of B-2. Boring B-2 is the only Boring presenting natural surface and sub-surface strata to the TD.

Volatile Organic compounds detected in the Laboratory Analysis of the 0-4ft. bgs. samples presented trace concentrations in Borings B-5,B-6, B-7, B-8 and B-9. Trichloroethene in Boring B-5 is determined to be above Part 376-6.8(a) Guidance for Unrestricted Residential Use, but lower than the Part 375-6.8 Restricted Residential Land Use Cleanup objective.

Trace SVOC compounds are presented in Borings, B-1, B-3, B-5 and B-9. Boring B-5 provides seven (7) compounds above Restricted and Unrestricted Residential guidance values.

Metals for Unrestricted and/or Residential-Restricted Residential SCO's are exceeded in Boring B-1, for Copper, Iron, Lead, Mercury and Zinc in Boring, B-2, for Copper, Iron, Lead, Mercury, B-3, Copper, Iron, Lead, Mercury, B-4, Copper, Iron, Lead, Mercury, B-5, Copper, Iron, Lead, Mercury and Zinc, B-6, Arsenic, Cadmium, Copper, Iron, Lead, Mercury and Zinc, B-7 and B-8, Iron, and B-9, Iron and Zinc.

In comparing the analytical findings in the surface to 4ft. bgs. samples to CP-51 and 375 Unrestricted, Protection of Ecological Resources and Groundwater SCO Guidance, it is determined that the following compounds exceed the SCO for Calcium, Copper, Iron, Lead, Mercury and Zinc in Boring B-1, B-2, Copper, Iron, Lead, Mercury, B-3, Copper, Iron, Lead, Mercury, B-4, Copper, Iron, Lead, Mercury , B-5, Aluminum, Calcium, Copper, Iron, Lead, Mercury, Nickel and Zinc, B-6, Arsenic, Cadmium, Calcium, Copper, Iron, Lead, Mercury and Zinc, B-7 and B-8, Calcium and Iron, and, B-9, Calcium, Copper, Iron and Zinc.

Samples for Metals acquired from the TD intervals, determined Unrestricted, Residential and Restricted Residential SCO's exceeding Part 375-6.8 (a) and (b) guidance, as well as CP-51values. Boring B-1, B-2, B-4, B-5 and B-6 exceed SCO's for Iron. Boring B-3 exceeds SCO's for Iron and Manganese. The following table presets the Boring Total Depth, Metals analytical comparisons.

Comparing Metals TD samples to CP-51 and 375 guidance for Unrestricted, Protection of Ecological

Resources and Groundwater SCO's, it is determined that the following compounds exceed the SCO in Boring B-1 through B-6 for Calcium and Iron, and B-3 for Manganese.

Pesticides are present in surface samples derived from Borings, B-1, B-3, B-5, and B-6. Borings B-1 and B-3 present 4,4'DDT above Unrestricted, but below Restricted guidance values. The remaining biased parameters detected indicate the presence of the listed compound or constituent on-site, though the quantitation data is unreliable.

6.0 Investigation Analysis

Overall, the findings of this investigation present minor contamination of surface related soils, predominantly along the eastern margin of the site, and in front of the loading dock.

Boring B-5 is located on the macadam surface of the approach to the former loading dock of the building, it is not unusual to find concentrations of the VOC and SVOC compounds that can be generated as a result of typical historical daily operations, vehicle leakage and/or incidental spillage of materials during transportation related events. Trace concentrations of VOC and SVOC's in Borings B-1, B-3 and B-6 may have been generated as a result of storm run off from the loading dock and former parking areas as the these locations are slightly down gradient of the B-5 location and former parking areas.

Trace VOC's and SVOC's in B-7 through B-9, inside the building can be typical of old manufacturing facilities where historical and incidental leakage through floors has occurred and/or accumulated. Metals found in the surface fill layers of the site are noted to be elevated over those of the subsurface strata. The finding is consistent with higher concentrations found in fill materials containing cinders. Metals become elevated as a result of the incineration process of the fuel source, resulting in concentrated compounds remaining in the spent waste stream.

Metals exceed SCO's in the fill materials. Based on the recommendations of the Geo-Technical investigation all fill materials will be removed from site and replaced with certified materials. Disposal requirements will be complied with by the General Contractor.

Considering the southeasterly slope of the site in the area of Borings B-2 and B-3, it is reasonable to assume the elevated pesticides my have accumulated in these areas as a result of stormwater surface runoff after historic application of the compounds for nuisance vegetation control.

Given the above discussed theories, and considering the best case scenario of the current impacts having been generated as a result of on-site operations, the alternative is that the impacted materials were imported to the site as fill. The recommendations that follow will provide data to further define the overall site conditions.

7.0 Recommendations

Further action is recommended.

The presence of trace concentrations VOC's and SVOC's under the basement slab presents an unknown

and undefined potential for vapor intrusion into the building. It is recommended a T-15 Vapor Intrusion study be conducted under the basement slab.

Additional Borings are recommended. One (1) should be located outside the southwest corner of the building. The purpose of this Boring is to develop background sampling of an up-gradient location to determine if VOC and SVOC compound influences may be located outside the building at the basement slab interval, which may be potentially impacting the buildings sub-slab, and/or whether the sub-slab conditions may be impacting the up-gradient area. The surface analysis of this Boring will aid in identifying potential VOC, SVOC and Pesticide impacts up-gradient of the Boring B-5 implications. One additional Boring should be located in close proximity of Boring B-5 and sampled from four (4) ft. bgs. to six (6) ft. bgs. this data will provide additional information regarding the potential impact from surface sources, having migrated through the highly permeable fill materials to the native sub-soils, and the depth of impact should those soils be impacted.

One (1) Boring should be established due south of the loading area, and one (1) located in an area south the existing steel pipe guardrail. The purpose of this Boring is to further identify further fill characteristics, potential impacts as a result of Boring B-5 implications, and provide additional data in determining overall Pesticide impacts on the site.

Additional investigation is warranted along the southeastern fence line between Boring B-1 and B-3, and, B-3 and B-6 for VOC's, SVOC's and Pesticides. These samples are intended to be surface samples.

One (1) additional shallow surface sample should be derived from a location, centered in the site west of Boring B-1 to determine potential up-gradient impacts of organics and pesticides.

Two (2) Borings are recommended in the macadam covered parking lot south of the sites southern fence line. The purpose of these Borings are to qualify if similar potential subsurface impacts identified in this investigation are potentially located on that portion of the site.

Metals in fill materials predominantly located south of the building's operational area must be removed as part and parcel of the projects proposed site work. Disposal as regulated waste rules and regulations will apply.

8.0 Limitations

This report has been prepared for the exclusive use of Mr. Mark Fuller, of The DePaul Group, Inc., and is a professional opinion and judgment dependent upon DECI's knowledge and a limited number of test points. DECI cannot certify, guarantee, or warranty that the study/work site is or is not free of environmental impairment. Further investigation and testing of the site could better define the actual environmental condition of the property, but would be limited to the actual testing locations from which samples were analyzed and may not apply to the site as a whole.

Review of the data made available to DECI for this report and the information generated while working on this project indicated there were environmental conditions recognized which should be brought to the attention of the client/user for their assessment, based on his/her risk tolerance, fiduciary responsibility or the applicable law, to determine the extent of further inquiry. While the scope and limitations of this investigation did find significant environmental impact present at the site.

In performing professional services, DECI uses the degree of care and skill exercised under similar circumstances by members of the environmental profession practicing in the same or similar locality under similar conditions. The standard of care shall be judged exclusively as of the time these services are rendered, and not according to later standards. DECI makes no express or implied warranty beyond its conformance to this standard.

DECI shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed for this report. DECI believes that all information contained in this report to be factual, however no guarantee is made or implied. DECI shall not be responsible for any loss, damage, or liability arising from any negligence of the client or others in the interpretation or use of the results of this assessment.

The facts and conditions referenced in this report may change over time. The conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

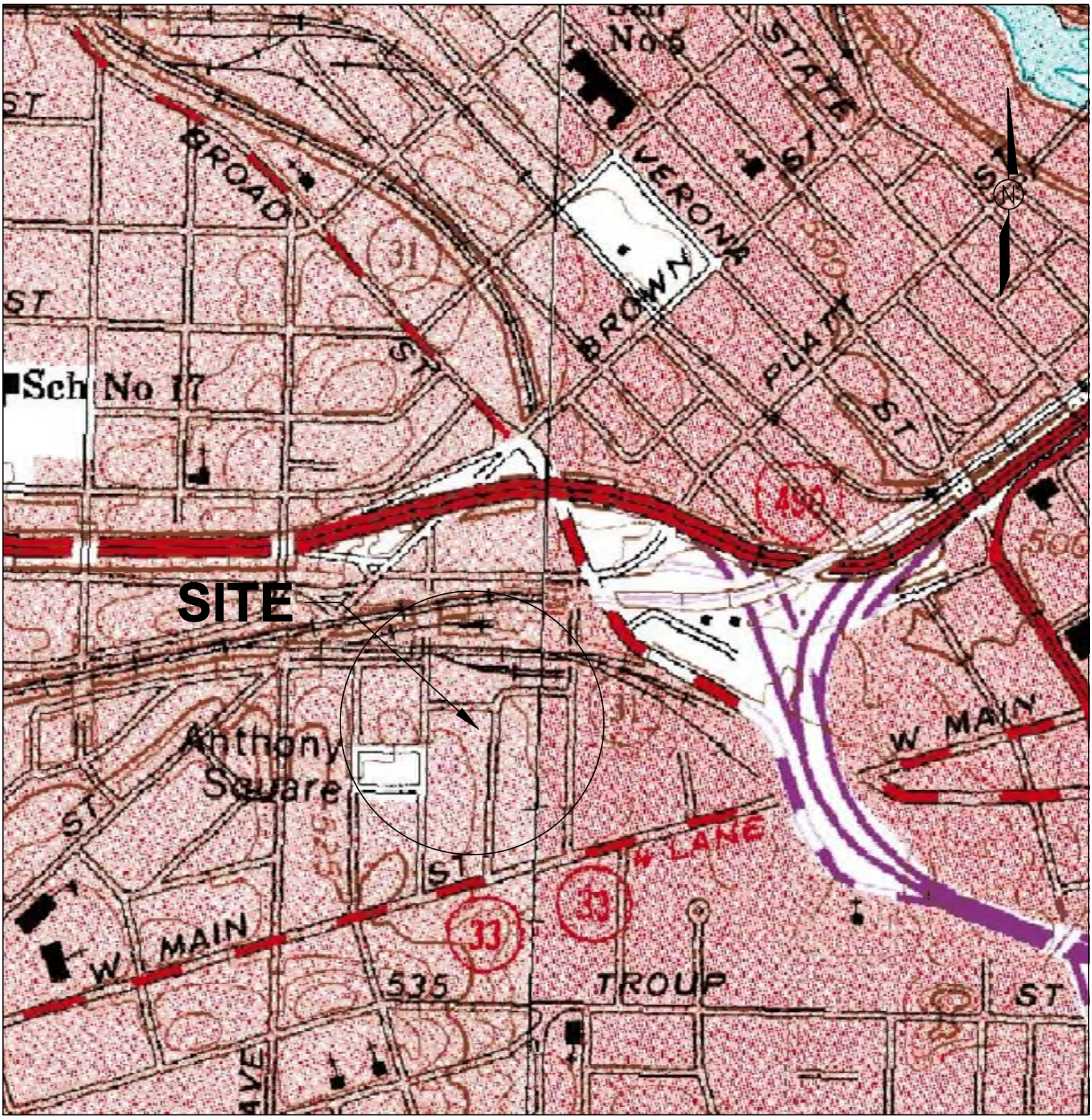
This Investigation and report written and completed by:

Date: 7 February 2011
Revised: 11 November 2011

Michael W. Pufpaff

Appendix A

Figures



33 Litchfield Sreet
Rochester, NY

prepared for

DePaul Group, Inc.
1931 Buffalo Road
Rochester, NY

FIGURE 1
Location

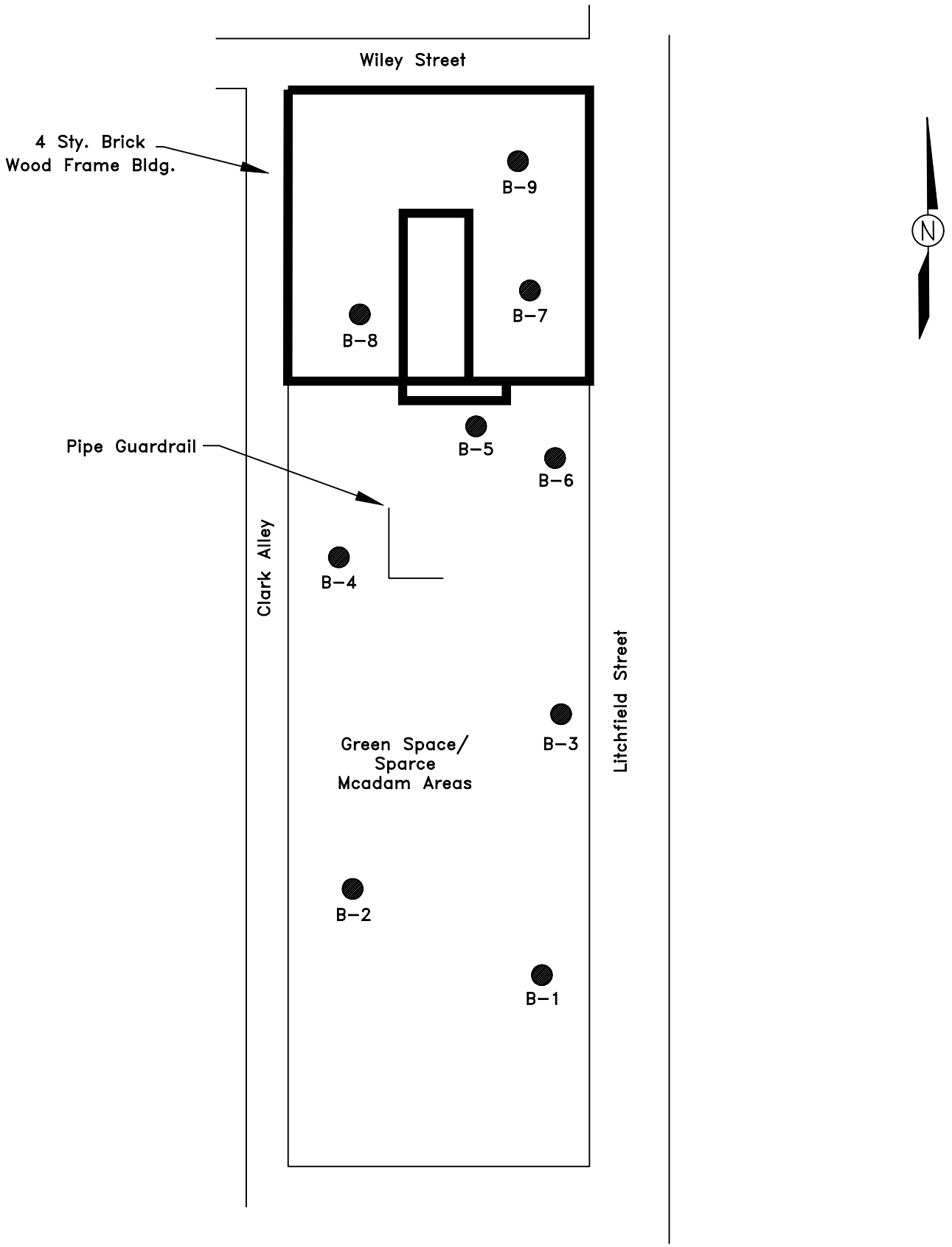
SCALE
No Scale

0 60 120

DECI Development & Environmental Consultants, Inc.

DRAWN BY	MWP	08/27/2010
CHECKED BY	MWP	08/28/2010
APPROVED BY		
REVISED		

DRAWING NUMBER FIGURE 1



33 Litchfield Sreet
Rochester, NY
prepared for
DePaul Group, Inc.
1931 Buffalo Road
Rochester, NY

FIGURE 2
Site Plan
Boring Locations

SCALE
No Scale

0 60 120

DECI Development & Environmental Consultants, Inc.

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CHECKED BY	MWP	02/07/2011
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REVISED		

DRAWING NUMBER FIGURE 2

Appendix B

Analytical Summary Tables

TABLE - 4.1-1
SOIL ANALYTICAL SUMMARY

Limited Phase II Investigation

Carriage Factory Special Needs Apartments
33 Litchfield Street
Rochester, NY

Volatile Organic Compounds (VOC) 0-4 ft. BGS (mg/kg=ppm)								
Contaminant	**Unrestricted 375-6.8(a)**	**Residential 375-6.8(b) CP-51**	**Restricted Residential 375-6.8(b)**	**B-5**	**B-6**	**B-7**	**B-8**	**B-9**
1,1,1-Trichloroethane	0.68	100	100	-	-	-	-	-
* 1,1,2,2-Tetrachloroethane	NS	35	NS	-	-	-	-	-
1,1,-Dichloroethane	0.27	19	26	-	-	-	-	-
1,1-Dichloroethene	0.33	100	100	-	-	-	-	-
1,2-Dichlorobenzene	1.1	100	100	-	-	-	-	-
1,2-Dichloroethane	0.02	2.3	3.1	-	-	-	-	-
1,3-Dichlorobenzene	2.4	17	49	-	-	-	-	-
1,4-Dichlorobenzene	1.8	9.8	13	-	-	-	-	-
* 2-Butanone	NS	100	NS	-	-	-	-	-
Acetone	0.05	100	100	-	-	-	-	-
Benzene	0.06	2.9	4.8	-	-	-	-	-
* Carbon disulfide	NS	100	NS	-	-	-	-	-
Carbon Tetrachloride	0.76	1.4	2.4	-	-	-	-	-
Chlorobenzene	1.1	100	100	-	-	-	-	-
Chloroform	0.37	10	49	-	-	-	-	-
Ethylbenzene	1	30	41	-	-	-	-	-
cis-1,2-Dichloroethene	0.25	59	100	-	-	-	0.0109	-
Methylene Chloride	0.05	51	100	-	-	-	-	-
Tetrachloroethene	1.3	5.5	19	-	0.0434	0.0244	-	0.0222
Toluene	0.7	100	100	-	-	-	-	-
trans-1,2-Dichloroethene	0.19	NS	100	-	-	-	-	-
Trichloroethene	0.47	10	21	**1.11**	-	0.00608	0.011	-
Vinyl chloride	0.02	0.21	0.9	-	-	-	-	-
Xylene (mixed)	0.26	100	100	-	-	-	-	-

NOTES:
1. (*) = CP-51 Compounds.
2. (-) = Less than laboratory detection limits, (NS) = No Standard established.
3. Concentrations are expressed in parts per million (ppm).
4. Soil samples were collected on December 21-23, 2010, by DECI and analyzed by Paradigm Environmental Services, Rochester, NY See Appendix C for Laboratory Analytical Report.
5. Concentrations in bold font exceed NYSDEC Part 375 and CP-51 Recommend Cleanup Objectives for Unrestricted, Residential and Restricted Residential Land Use.
6. E = Result estimated, equipment calibration limits exceeded.
7. M = Matrix spike recoveries outside QC limits. Matrix bias indicated.

TABLE - 4.2-1
SOIL ANALYTICAL SUMMARY

Limited Phase II Investigation

Carriage Factory Special Needs Apartments
33 Litchfield Street
Rochester, NY 14608

Semi Volatile Organic Compounds (SVOC) 0-4 ft. BGS (mg/kg=ppm)							
Contaminant	**Unrestricted 375-6.8(a)**	**Residential 375-6.8(b) CP-51**	**Restricted Residential 375-6.8(b)**	**B-1**	**B-3**	**B-5**	**B-9**
* 2,4,5-Trichlorophenol	NS	100	NS	-	-	-	-
* 2,4-Dinitrophenol	NS	100	NS	-	-	-	-
* 2,6-Dinitrotoluene	NS	1.03	NS	-	-	-	-
* 2-Chlorophenol	NS	100	NS	-	-	-	-
* 2-Methylnaphthalene	NS	0.41	NS	-	-	-	-
* 4-Chloroaniline	NS	100	NS	-	-		
Acenaphthene	20	100	100	-	-	0.855	-
Acenaphthylene	100	100	100	-	-	-	-
Anthracene	100	100	100	-	-	1.83	-
Benzo (a) anthracene	1	1	1	0.582	0.431	**3.02**	-
Benzo (a) pyrene	1	1	1	0.533	0.393	**2.64**	-
Benzo (b) fluoranthene	1	1	1	0.477	0.417	**2.68**	-
Benzo (g,h,i) perylene	100	100	100	-	-	1.76	-
Benzo (k) fluoranthene	0.8	1	3.9	-	-	**1.75**	-
* Benzoic Acid	NS	100	NS	-	-	-	-
* Bis (2-ethylhexyl) phthalate	NS	50	NS	-	-	-	0.472
* Butylbenzylphthalate	NS	100	NS	-	-	-	-
Chrysene	1	1	3.9	0.573	0.419	**2.94**	-
Dibenz (a,h) anthracene	0.33	0.33	0.33	-	-	**0.629**	-
* Diethyl phthalate	NS	100	NS	-	-	-	-
* Dimethyl phthalate	NS	100	NS	-	-	-	-
* Di-n-butyl phthalate	NS	100	NS	-	-	0.489	-
* Di-n-octyl phthalate	NS	100	100	-	-	-	-

TABLE - 4.2-1
SOIL ANALYTICAL SUMMARY

Limited Phase II Investigation

Carriage Factory Special Needs Apartments
33 Litchfield Street
Rochester, NY 14608

Semi Volatile Organic Compounds (SVOC) 0-4 ft. BGS (mg/kg=ppm)							
Contaminant	**Unrestricted 375-6.8(a)**	**Residential 375-6.8(b) CP-51**	**Restricted Residential 375-6.8(b)**	**B-1**	**B-3**	**B-5**	**B-9**
Fluoranthene	100	100	100	1.07	0.887	6.28	-
Fluorene	30	30	100	-	-	0.834	-
* Hexachlorobenzene	NS	0.41	NS	-	-	**-**	-
Indeno (1,2,3-cd) pyrene	0.5	0.5	0.5	-	-	**1.73**	-
* Isophorone	NS	100	NS	-	-	-	-
Naphthalene	12	100	100	-	-	0.424	-
* Nitrobenzene	NS	3.7	15	-	-	-	
Pentachlorophenol	0.8	2.4	6.7	-	-	-	-
Phenanthrene	100	100	100	0.491	0.569	6.25	-
Phenol	0.33	100	500	-	-	-	-
Pyrene	100	100	100	0.878	0.724	5.13	-

NOTES:
1. (*) = CP-51 Compounds
2. (-) = Less than laboratory detection limits, (NS) = No Standard established.
3. Concentrations are expressed in parts per million (ppm).
4. Soil samples were collected on December 21-23, 2010, by DECI and analyzed by Paradigm Environmental Services, Rochester, NY See Appendix C for Laboratory Analytical Report.
5. Concentrations in bold font exceed NYSDEC Part 375 and/or CP-51 Recommend Cleanup Objectives for Unrestricted, Residential and Restricted Residential Land Use.
6. E = Result estimated, equipment calibration limits exceeded.
7. M = Matrix spike recoveries outside QC limits. Matrix bias indicated.

TABLE - 4.2-2
SOIL ANALYTICAL SUMMARY

Limited Phase II Investigation

Carriage Factory Special Needs Apartments
33 Litchfield Street
Rochester, NY 14608

Semi-Volatile Organic Compounds (SVOC) 0-4 ft. BGS (mg/kg=ppm)							
Contaminant	**Unrestricted 375-6.8(a)**	**Protection of Ecological Resources 375-6.8(b)/ CP-51**	**Protection of Ground-water 375-6.8(b)/ CP-51**	**B-1**	**B-3**	**B-5**	**B-9**
* 2,4,5-Trichlorophenol	NS	4	0.1	-	-	-	-
* 2,4-Dinitrophenol	NS	20	0.2	-	-	-	-
* 2,6-Dinitrotoluene	NS	1.03	1.0	-	-	-	-
* 2-Chlorophenol	NS	0.8	NS	-	-	-	-
* 2-Methyl-naphthalene	NS	NS	1.0	-	-	-	-
* 4-Chloroaniline	NS	100	0.22	-	-	-	
Acenaphthene	20	20	98	-	-	0.855	-
Acenaphthylene	100	NS	107	-	-	-	-
Anthracene	100	NS	1,000	-	-	1.83	-
Benzo (a) anthracene	1	NS	1	0.582	0.431	**3.02**	-
Benzo (a) pyrene	1	2.6	22	0.533	0.393	**2.64**	-
Benzo (b) fluoranthene	1	NS	1.7	0.477	0.417	**2.68**	-
Benzo (g,h,i) perylene	100	NS	1,000	-	-	1.76	-
Benzo (k) fluoranthene	0.8	NS	1.7	-	-	**1.75**	-
* Benzoic Acid	NS	NS	2.7	-	-	-	-
* Bis (2-ethylhexyl) phthalate	NS	239	435	-	-	-	0.472
* Butylbenzylphthalate	NS	NS	122	-	-	-	-
Chrysene	1	NS	1	0.573	0.419	**2.94**	-
Dibenz (a,h) anthracene	0.33	NS	1,000	-	-	**0.629**	-
* Diethyl phthalate	NS	100	7.1	-	-	-	-
* Dimethyl phthalate	NS	200	27	-	-	-	-
* Di-n-butyl phthalate	NS	0.014	8.1	-	-	0.489	-

TABLE - 4.2-2
SOIL ANALYTICAL SUMMARY

Limited Phase II Investigation

Carriage Factory Special Needs Apartments
33 Litchfield Street
Rochester, NY 14608

Semi-Volatile Organic Compounds (SVOC) 0-4 ft. BGS (mg/kg=ppm)							
Contaminant	**Unrestricted 375-6.8(a)**	**Protection of Ecological Resources 375-6.8(b)/ CP-51**	**Protection of Ground-water 375-6.8(b)/ CP-51**	**B-1**	**B-3**	**B-5**	**B-9**
* Di-n-octyl phthalate	NS	NS	120	-	-	-	-
Fluoranthene	100	1,000	100	1.07	0.887	6.28	-
Fluorene	30	30	386	-	-	0.834	-
* Hexachlorobenzene	NS	NS	1.4	-	-	**-**	-
Indeno (1,2,3-cd) pyrene	0.5	NS	8.2	-	-	**1.73**	-
* Isophorone	NS	NS	4.4	-	-	-	-
Naphthalene	12	NS	12	-	-	0.424	-
* Nitrobenzene	NS	40	0.17	-	-	-	-
Pentachlorophenol	0.8	0.8	0.8	-	-	-	-
Phenanthrene	100	NS	1,000	0.491	0.569	6.25	-
Phenol	0.33	30	0.33	-	-	-	-
Pyrene	100	NS	1,000	0.878	0.724	5.13	-

NOTES:
1. (*) = CP-51 Compounds
2. (-) = Less than laboratory detection limits, (NS) = No Standard established..
3. Concentrations are expressed in parts per million (ppm).
4. Soil samples were collected on December 21-23, 2010, by DECI and analyzed by Paradigm Environmental Services, Rochester, NY See Appendix C for Laboratory Analytical Report.
5. Concentrations in bold font exceed NYSDEC Part 375 and/or CP-51 Recommend Cleanup Objectives for Unrestricted, Residential and Restricted Residential Land Use.
6. E = Result estimated, equipment calibration limits exceeded.
7. M = Matrix spike recoveries outside QC limits. Matrix bias indicated.

TABLE - 4.3-1
SOIL ANALYTICAL SUMMARY

Limited Phase II Investigation

Carriage Factory Special Needs Apartments
33 Litchfield Street
Rochester, NY 14608

Metals - 0-4ft. BGS. Samples (mg/kg=ppm)												
Contaminant	**Unrestricted 375-6.8(a)**	**Residential 375-6.8(b)**	**Restricted Residential 375-6.8(b)**	**B-1**	**B-2**	**B-3**	**B-4**	**B-5**	**B-6**	**B-7**	**B-8**	**B-9**
Arsenic	13	16	16	8.95	6.69	5.18	5.19	12.3	**14.7**	1.46	1.15	3.70
Barium	350	350	400	113	68.0	66.4	62.4	227	116	27.7	26.5	108
Beryllium	7.2	14	72	-	-	0.451	-	0.626	-	-	-	-
Cadmium	2.5	2.5	4.3	-	-	-	-	2.28	**3.08**	-	-	-
Chromium	NS	NS	NS	10.6	9.86	12.0	10.0	276	13.7	6.66	5.86	8.35
* Cobalt	NS	30	NS	7.79	7.83	6.23	6.62	11.0	7.24	3.41	3.47	5.14
Copper	50	270	270	**261**	**253**	**198**	**223**	**2,170**	**5,680**	11	7.26	**5,520**
* Iron	NS	2,000	NS	**49,600**	**20,700**	**21,500**	**19,300**	**37.400**	**29,300**	**9,480**	**8,740**	**14,400**
Lead	63	400	400	**1,210**	**560**	**240**	**280**	**2,520**	**1,960**	3.35	4.21	37.2
Manganese	1600	2,000	2,000	284	253	390	423	484	296	298	322	402
Mercury(T)	0.18	0.81	0.81	**0.803**	**0.268**	**0.493**	**0.236**	**0.308**	**0.690**	-	-	<0.008M
Nickel	30	140	310	26.1	18.8	12.5	12.0	327	32.0	7.53	5.80	12.3
Selenium	3.9	36	180	-	-	-	-	-	-	-	-	-
Silver	2	36	180	2.0	1.06	0.900	<0.872	1.48	7.51	-	-	-
* Vanadium	NS	100	NS	15.7	18.2	21.5	20.2	26.1	15.4	13.5	13.0	13.1
Zinc	109	2,200	10,000	**508**	14.3	102	92.6	**2,680**	**2,460**	17.1	17.3	**5,790**

NOTES:
1. (*) = CP-51 Compounds.
2. (-) = Less than laboratory detection limits, (NS) = No Standard established.
3. Concentrations are expressed in parts per million (ppm).
4. Soil samples were collected on December 21-23, 2010, by DECI and analyzed by Paradigm Environmental Services, Rochester, NY See Appendix C for Laboratory Analytical Report.
5. Concentrations in bold font exceed NYSDEC Part 375 and CP-51 Recommend Cleanup Objectives for Restricted and Unrestricted Residential Land Use.
6. E = Result estimated, equipment calibration limits exceeded.
7. M = Matrix spike recoveries outside QC limits. Matrix bias indicated.

TABLE - 4.3-2
SOIL ANALYTICAL SUMMARY

Limited Phase II Investigation

Carriage Factory Special Needs Apartments
33 Litchfield Street
Rochester, NY 14608

Metals - 0-4ft. BGS. Samples (mg/kg=ppm)												
Contaminant	**Unrestricted 375-6.8(a)**	**Protection of Ecological Resources 375-6.8(b)/ CP-51**	**Protection of Ground-water 375-6.8(b)/ CP-51**	**B-1**	**B-2**	**B-3**	**B-4**	**B-5**	**B-6**	**B-7**	**B-8**	**B-9**
* Aluminum	NS	10,000	NS	5,080	7,040	9,860	7,891	**11,300**	5,100	3,980	3,920	5,300
* Antimony	NS	12	NS	-	-	-	-	-	-	-	-	-
Arsenic	13	13	16	8.95	6.69	5.18	5.19	12.3	**14.7**	1.46	1.15	3.70
Barium	350	433	820	113	68.0	66.4	62.4	227	116	27.7	26.5	108
Beryllium	7.2	10	47	-	-	0.451	-	0.626	-	-	-	-
Cadmium	2.5	4	7.5	-	-	-	-	2.28	**3.08**	-	-	-
Calcium	NS	10,000	NS	**18,000**	6,800	1,520	2,560	**12,100**	**62,100**	**51,500**	**42,200**	**71,700**
Chromium	NS	NS	NS	10.6	9.86	12.0	10.0	276	13.7	6.66	5.86	8.35
* Cobalt	NS	20	NS	7.79	7.83	6.23	6.62	11.0	7.24	3.41	3.47	5.14
Copper	50	50	1,720	**261**	**253**	**198**	**223**	**2,170**	**5,680**	11	7.26	**5,520**
* Iron	NS	2,000	NS	**49,600**	**20,700**	**21,500**	**19,300**	**37.400**	**29,300**	**9,480**	**8,740**	**14,400**
Lead	63	63	450	**1,210**	**560**	**240**	**280**	**2,520**	**1,960**	3.35	4.21	37.2
Manganese	1600	1,600	2,000	284	253	390	423	484	296	298	322	402
Mercury(T)	0.18	0.18	0.73	**0.803**	**0.268**	**0.493**	**0.236**	**0.308**	**0.690**	-	-	-
Nickel	30	30	130	26.1	18.8	12.5	12.0	**327**	32.0	7.53	5.80	12.3
Selenium	3.9	3.9	4	-	-	-	-	-	-	-	-	-
Silver	2	2	8.3	2.0	1.06	0.900	-	1.48	7.51	-	-	-
* Thallium	NS	5	NS	-	-	-	-	-	-	-	-	-
* Vanadium	NS	39	NS	15.7	18.2	21.5	20.2	26.1	15.4	13.5	13.0	13.1
Zinc	109	109	2,480	**508**	14.3	102	92.6	**2,680**	**2,460**	17.1	17.3	**5,790**

NOTES:
1. (*) = CP-51 Compounds.
2. (-) = Less than laboratory detection limits, (NA) = No Standard established.
3. Concentrations are expressed in parts per million (ppm).
4. Soil samples were collected on December 21-23, 2010, by DECI and analyzed by Paradigm Environmental Services, Rochester, NY See Appendix C for Laboratory Analytical Report.
5. Concentrations in bold font exceed NYSDEC Part 375 and/or CP-51 Recommend Cleanup Objectives for Unrestricted Use, Protection of Ecological Resources and Groundwater.
6. E = Result estimated, equipment calibration limits exceeded.
7. M = Matrix spike recoveries outside QC limits. Matrix bias indicated.

TABLE - 4.3-3
SOIL ANALYTICAL SUMMARY

Limited Phase II Investigation

Carriage Factory Special Needs Apartments
33 Litchfield Street
Rochester, NY 14608

Metals - Total Depth (TD) Samples (mg/kg=ppm)									
Contaminant	**Unrestricted 375-6.8(a)**	**Residential 375-6.8(b)/ CP-51**	**Restricted Residential 375-6.8(b)/ CP-51**	**B-1 8-12ft. Bgs.**	**B-2 8-12ft. Bgs.**	**B-3 6-10ft. Bgs.**	**B-4 8-12ft. Bgs.**	**B-5 6-10ft. Bgs.**	**B-6 10-14ft. Bgs.**
Arsenic	13	16	16	1.63	1.71	2.28	1.51	1.57	2.48
Barium	350	350	400	25.1	20.3	36.9	21.9	24.0	17.9
Beryllium	7.2	14	72	-	-	-	-	-	-
Cadmium	2.5	2.5	4.3	-	-	-	-	-	-
Chromium	NS	NS	NS	6.31	5.96	5.13	5.47	6.79	6.85
* Cobalt	NS	30	NS	3.68	3.32	3.17	3.32	4.36	4.09
Copper	50	270	270	16.2	7.25	8.42	6.16	8.67	19.6
* Iron	NS	2,000	NS	**95,600**	**9,150**	**8,758.4**	**8,350**	**10,900**	**10,400**
Lead	63	400	400	13.0	2.72	3.27	2.53	2.98	5.84
Manganese	1600	2,000	2,000	302	266	**2,460**	280	392	483
Mercury(T)	0.18	0.81	0.81	-	-	-	-	0.0081	-
Nickel	30	140	310	10.0	5.77	6.15	5.70	6.57	7.18
Selenium	3.9	36	180	-	-	-	-	-	-
Silver	2	36	180	-	-	-	-	-	-
*Vanadium	NS	100	NS	13.6	13.2	11.0	12.0	15.4	13.3
Zinc	109	2,200	10,000	21.1	14.7	13.8	14.9	25.3	21.4

NOTES:
1. (*) = CP-51 Compounds.
2. (-) = Less than laboratory detection limits, (NS) = No Standard established.
3. Concentrations are expressed in parts per million (ppm).
4. Soil samples were collected on December 21-23, 2010, by DECI and analyzed by Paradigm Environmental Services, Rochester, NY See Appendix C for Laboratory Analytical Report. 5. Concentrations in bold font exceed NYSDEC Part 375 and CP-51 Recommend Cleanup Objectives for Restricted and Unrestricted Residential Land Use.
6. E = Result estimated, equipment calibration limits exceeded.
7. M = Matrix spike recoveries outside QC limits. Matrix bias indicated.

TABLE - 4.3-4
SOIL ANALYTICAL SUMMARY

Limited Phase II Investigation

Carriage Factory Special Needs Apartments
33 Litchfield Street
Rochester, NY 14608

Metals - Total Depth (TD) Samples (mg/kg=ppm)									
Contaminant	**Unrestricted 375-6.8(a)**	**Protection of Ecological Resources 375-6.8(b)**	**Protection of Ground-water 375-6.8(b)**	**B-1 8-12ft. Bgs.**	**B-2 8-12ft. Bgs.**	**B-3 6-10ft. Bgs.**	**B-4 8-12ft. Bgs.**	**B-5 6-10ft. Bgs.**	**B-6 10-14ft. Bgs.**
* Aluminum	NS	10,000	NS	3,420	3,600	3,170	3,390	4,440	4,670
* Antimony	NS	12	NS	-	-	-	-	-	-
Arsenic	13	13	16	1.63	1.71	2.28	1.51	1.57	2.48
Barium	350	433	820	25.1	20.3	36.9	21.9	24.0	17.9
Beryllium	7.2	10	47	-	-	-	-	-	-
Cadmium	2.5	4	7.5	-	-	-	-	-	-
* Calcium	NS	10,000	NS	**34,200**	**44,300**	**119,000**	**65,600**	**16,300**	**37,100**
Chromium	NS	NS	NS	6.31	5.96	5.13	5.47	6.79	6.85
* Cobalt	NS	20	NS	3.68	3.32	3.17	3.32	4.36	4.09
Copper	50	50	1,720	16.2	7.25	8.42	6.16	8.67	19.6
* Iron	NS	2,000	NS	**95,600**	**9,150**	**8,758.4**	**8,350**	**10,900**	**10,400**
Lead	63	63	450	13.0	2.72	3.27	2.53	2.98	5.84
Manganese	1600	1,600	2,000	302	266	**2,460**	280	392	483
Mercury(T)	0.18	0.18	0.73	-	-	-	-	-	-
Nickel	30	30	130	10.0	5.77	6.15	5.70	6.57	7.18
Selenium	3.9	3.9	4	-	-	-	-	-	-
Silver	2	2	8.3	-	-	-	-	-	-
*Thallium	NS	5	NS	-	-	-	-	-	-
*Vanadium	NS	39	NS	13.6	13.2	11.0	12.0	15.4	13.3
Zinc	109	109	2,480	21.1	14.7	13.8	14.9	25.3	21.4

NOTES:
1. (*) = CP-51 Compounds.
2. (-) = Less than laboratory detection limits, (NS = No Standard established.
3. Concentrations are expressed in parts per million (ppm).
4. Soil samples were collected on December 21-23, 2010, by DECI and analyzed by Paradigm Environmental Services, Rochester, NY See Appendix C for Laboratory Analytical Report.
5. Concentrations in bold font exceed NYSDEC Part 375 and/or CP-51 Recommend Cleanup Objectives for Unrestricted, Protection of Ecological Resources and Groundwater.
6. E = Result estimated, equipment calibration limits exceeded.
7. M = Matrix spike recoveries outside QC limits. Matrix bias indicated.

TABLE - 4.4-1
SOIL ANALYTICAL SUMMARY

Limited Phase II Investigation

Carriage Factory Special Needs Apartments
33 Litchfield Street
Rochester, NY 14608

Herbicides, Pesticides and PCB's 0-4 Ft. BGS. (mg/kg=ppm)							
Contaminant	**Unrestricted 375-6.8(a)**	**Residential 375-6.8(b) CP-51**	**Restricted Residential 375-6.8(b)/ CP-51**	**B-1**	**B-3**	**B-5**	**B-6**
2,4-D (2,4 Dichlor-phenoxyacetic Acid	NS	100	NS	-	-	-	-
2,4,5-TP Acid (Silvex)	3.8	NS	100	-	-	-	-
4,4'-DDD	0.0033	NS	13	C 0.016		C 0.022	
4,4'-DDE	0.0033	NS	8.9	-	-		-
4,4'-DDT	0.0033	NS	7.9	**0.00407**	**0.00507**	C 0.0224	-
Aldrin	0.005	NS	0.097	-	-		-
alpha-BHC	0.02	NS	0.48	-	-	C 0.0155	-
beta-BHC	0.036	NS	0.36	-	-	-	-
delta-BHC	0.04	NS	100	-	-	-	-
* Chlordane (gamma)	NS	0.54	NS	-	-	-	-
Chlordane (alpha)	0.094	NS	4.2	-	-	0.0188	-
Dieldrin	0.005	NS	0.2	-	-	C 0.0049	-
Endosulfan I	2.4	NS	24	-	-	-	-
Endosulfan II	2.4	NS	24	-	-	0.00386	-
Endosulfan sulfate	2.4	NS	24	C 0.0104	-	C 0.0124	
Endrin	0.014	NS	11	-	-	-	-
Heptachlor	0.042	NS	2.1	-	-	-	-
* Heptachlor Epoxide	NS	0.077	NS	-	-	-	-
* Methoxychlor	NS	100	NS	C 0.0815	0.0848	C 0.00637	C 0.022
Polychlorinated biphenyls	0.1	1	1	-	-	-	-

NOTES:
1. (*) = CP-51 Compounds.
2. (-) = Less than laboratory detection limits, (NS) = No Standard established.
3. Concentrations are expressed in parts per million (ppm).
4. Soil samples were collected on December 21-23, 2010, by DECI, Inc. and analyzed by Paradigm Environmental Services, Rochester, NY See Appendix C for Laboratory Analytical Report.
5. Concentrations in bold font exceed NYSDEC Part 375 and CP-51 Recommend Cleanup Objectives for Unrestricted, Residential and Restricted Residential Land Use.
6. E = Result estimated, equipment calibration limits exceeded.
7. C = Concentration differs by more then 40% between Primary and Secondary Column.

TABLE - 4.4-2
SOIL ANALYTICAL SUMMARY

Limited Phase II Investigation

Carriage Factory Special Needs Apartments
33 Litchfield Street
Rochester, NY

Herbicides, Pesticides and PCB's 0-4 Ft. BGS. (mg/kg=ppm)							
Contaminant	**Unrestricted 375-6.8(a)**	**Protection of Ecological Resources 375-6.8(b)/ CP-51**	**Protection of Ground-water 375-6.8(b)/ CP-51**	**B-1**	**B-3**	**B-5**	**B-6**
* 2,4-D (2,4 Dichlor-phenoxyacetic Acid	NS	NS	0.5	-	-	-	-
2,4,5-TP Acid (Silvex)	3.8	NS	3.8	-	-	-	-
4,4'-DDD	0.0033	0.0033	14	C 0.016	-	C 0.022	-
4,4'-DDE	0.0033	0.0033	17	-	-	-	-
4,4'-DDT	0.0033	0.0033	136	**0.00407**	**0.00507**	C 0.0224	-
Aldrin	0.005	0.14	0.19	-	-	-	-
alpha-BHC	0.02	0.04	0.02	-	-	C 0.0155	-
beta-BHC	0.036	0.6	0. 09	-	-	-	-
delta-BHC	0.04	NS	NS	-	-	-	-
* Chlordane (gamma)	NS	NS	14	-	-	-	-
Chlordane (alpha)	0.094	1.3	2.9	-	-	0.0188	-
Dieldrin	0.005	0.006	0.1	-	-	C 0.0049	-
Endosulfan I	2.4	NS	102	-	-	-	-
Endosulfan II	2.4	NS	102	-	-	0.00386	-
Endosulfan sulfate	2.4	NS	1,000	C 0.0104	-	C 0.0124	
Endrin	0.014	0.014	0.06	-	-	-	-
Heptachlor	0.042	0.14	0.38	-	-	-	-
* Heptachlor Epoxide	NS	NS	0.02	-	-	-	-
* Methoxychlor	NS	1.2	900	C 0.0815	0.0848	C 0.00637	C 0.022
Polychlorinated biphenyls	0.1	NS	NS	-	-	-	-

NOTES:
1. (*) = CP-51 Compounds.
2. (-) = Less than laboratory detection limits, (NS) = No Standard established.
3. Concentrations are expressed in parts per million (ppm).
4. Soil samples were collected on December 21-23, 2010, by DECI, Inc. and analyzed by Paradigm Environmental Services, Rochester, NY See Appendix C for Laboratory Analytical Report.
5. Concentrations in bold font exceed NYSDEC Part 375 and CP-51 Recommend Cleanup Objectives for Unrestricted Use, Protection of Ecological Resources and Groundwater.
6. E = Result estimated, equipment calibration limits exceeded.
7. C = Concentration differs by more then 40% between Primary and Secondary Column.

Appendix C

Laboratory Reports

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

DECI

For Lab Project # 10-5252
Issued January 11, 2011
This report contains a total of 67 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"<" = analyzed for but not detected at or above the reporting limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B-1 0-4ft (S-001)
Field ID No.: N/A

Lab Project No.: 10-5252
Lab Sample No.: 16390

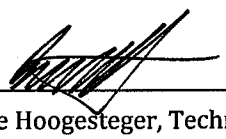
Sample Type: Soil

Date Sampled: 12/21/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	01/06/2011	SW846 6010	5080
Antimony	01/06/2011	SW846 6010	<7.31
Arsenic	01/06/2011	SW846 6010	8.95
Barium	01/06/2011	SW846 6010	113
Beryllium	01/06/2011	SW846 6010	<0.609
Cadmium	01/06/2011	SW846 6010	<0.609
Calcium	01/06/2011	SW846 6010	18000
Chromium	01/06/2011	SW846 6010	10.6
Cobalt	01/06/2011	SW846 6010	7.79
Copper	01/06/2011	SW846 6010	261
Iron	01/06/2011	SW846 6010	49600
Lead	01/07/2011	SW846 6010	1210
Magnesium	01/06/2011	SW846 6010	3840
Manganese	01/06/2011	SW846 6010	284
Mercury	01/03/2011	SW846 7471	0.803
Nickel	01/06/2011	SW846 6010	26.1
Potassium	01/06/2011	SW846 6010	727
Selenium	01/06/2011	SW846 6010	<0.609
Silver	01/06/2011	SW846 6010	2.00
Sodium	01/06/2011	SW846 6010	145
Thallium	01/06/2011	SW846 6010	<0.731
Vanadium	01/06/2011	SW846 6010	15.7
Zinc	01/06/2011	SW846 6010	508

ELAP ID No.:10958

Comments:

Approved By: 

Bruce Hoogesteger, Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B-1 8-12ft (S-002)
Field ID No.: N/A

Lab Project No.: 10-5252
Lab Sample No.: 16391

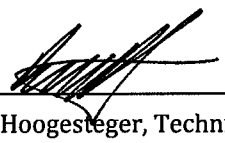
Sample Type: Soil

Date Sampled: 12/21/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	01/06/2011	SW846 6010	3420
Antimony	01/06/2011	SW846 6010	<6.74
Arsenic	01/06/2011	SW846 6010	1.63
Barium	01/06/2011	SW846 6010	25.1
Beryllium	01/06/2011	SW846 6010	<0.561
Cadmium	01/06/2011	SW846 6010	<0.561
Calcium	01/06/2011	SW846 6010	34200
Chromium	01/06/2011	SW846 6010	6.31
Cobalt	01/06/2011	SW846 6010	3.68
Copper	01/06/2011	SW846 6010	16.2
Iron	01/06/2011	SW846 6010	95600
Lead	01/07/2011	SW846 6010	13.0
Magnesium	01/06/2011	SW846 6010	8080
Manganese	01/06/2011	SW846 6010	302
Mercury	01/03/2011	SW846 7471	<0.0046
Nickel	01/06/2011	SW846 6010	10.0
Potassium	01/06/2011	SW846 6010	756
Selenium	01/06/2011	SW846 6010	<0.561
Silver	01/06/2011	SW846 6010	<1.12
Sodium	01/06/2011	SW846 6010	115
Thallium	01/06/2011	SW846 6010	<0.674
Vanadium	01/06/2011	SW846 6010	13.6
Zinc	01/06/2011	SW846 6010	21.1

ELAP ID No.:10958

Comments:

Approved By: 

Bruce Hoogesteger, Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B-2 0-4ft (S-003)
Field ID No.: N/A

Lab Project No.: 10-5252
Lab Sample No.: 16392

Sample Type: Soil

Date Sampled: 12/21/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	01/06/2011	SW846 6010	7040
Antimony	01/06/2011	SW846 6010	<6.35
Arsenic	01/06/2011	SW846 6010	6.69
Barium	01/06/2011	SW846 6010	68.0
Beryllium	01/06/2011	SW846 6010	<0.529
Cadmium	01/06/2011	SW846 6010	<0.529
Calcium	01/06/2011	SW846 6010	6800
Chromium	01/06/2011	SW846 6010	9.86
Cobalt	01/06/2011	SW846 6010	7.83
Copper	01/06/2011	SW846 6010	253
Iron	01/06/2011	SW846 6010	20700
Lead	01/07/2011	SW846 6010	560
Magnesium	01/06/2011	SW846 6010	1780
Manganese	01/06/2011	SW846 6010	253
Mercury	01/03/2011	SW846 7471	0.268
Nickel	01/06/2011	SW846 6010	18.8
Potassium	01/06/2011	SW846 6010	748
Selenium	01/06/2011	SW846 6010	<0.529
Silver	01/06/2011	SW846 6010	1.06
Sodium	01/06/2011	SW846 6010	<106
Thallium	01/06/2011	SW846 6010	<0.635
Vanadium	01/06/2011	SW846 6010	18.2
Zinc	01/06/2011	SW846 6010	14.3

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B-2 8-12ft (S-004)
Field ID No.: N/A

Lab Project No.: 10-5252
Lab Sample No.: 16393

Sample Type: Soil

Date Sampled: 12/21/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	01/06/2011	SW846 6010	3600
Antimony	01/06/2011	SW846 6010	<4.22
Arsenic	01/06/2011	SW846 6010	1.71
Barium	01/06/2011	SW846 6010	20.3
Beryllium	01/06/2011	SW846 6010	<0.352
Cadmium	01/06/2011	SW846 6010	<0.352
Calcium	01/06/2011	SW846 6010	44300
Chromium	01/06/2011	SW846 6010	5.96
Cobalt	01/06/2011	SW846 6010	3.32
Copper	01/06/2011	SW846 6010	7.25
Iron	01/06/2011	SW846 6010	9150
Lead	01/07/2011	SW846 6010	2.72
Magnesium	01/06/2011	SW846 6010	8340
Manganese	01/06/2011	SW846 6010	266
Mercury	01/03/2011	SW846 7471	<0.006
Nickel	01/06/2011	SW846 6010	5.77
Potassium	01/06/2011	SW846 6010	818
Selenium	01/06/2011	SW846 6010	<0.352
Silver	01/06/2011	SW846 6010	<0.703
Sodium	01/06/2011	SW846 6010	111
Thallium	01/06/2011	SW846 6010	<0.422
Vanadium	01/06/2011	SW846 6010	13.2
Zinc	01/06/2011	SW846 6010	14.7

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Comments:

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Bruce Hoogestegen, Technical Director

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LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B-3 0-4 (S-005)
Field ID No.: N/A

Lab Project No.: 10-5252
Lab Sample No.: 16394

Sample Type: Soil

Date Sampled: 12/22/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	01/06/2011	SW846 6010	9860
Antimony	01/06/2011	SW846 6010	<5.11
Arsenic	01/06/2011	SW846 6010	5.18
Barium	01/06/2011	SW846 6010	66.4
Beryllium	01/06/2011	SW846 6010	0.451
Cadmium	01/06/2011	SW846 6010	<0.426
Calcium	01/06/2011	SW846 6010	1520
Chromium	01/06/2011	SW846 6010	12.0
Cobalt	01/06/2011	SW846 6010	6.23
Copper	01/06/2011	SW846 6010	198
Iron	01/06/2011	SW846 6010	21500
Lead	01/07/2011	SW846 6010	240
Magnesium	01/06/2011	SW846 6010	1910
Manganese	01/06/2011	SW846 6010	390
Mercury	01/03/2011	SW846 7471	0.493
Nickel	01/06/2011	SW846 6010	12.5
Potassium	01/06/2011	SW846 6010	1050
Selenium	01/06/2011	SW846 6010	<0.426
Silver	01/06/2011	SW846 6010	0.900
Sodium	01/06/2011	SW846 6010	702
Thallium	01/06/2011	SW846 6010	<0.511
Vanadium	01/06/2011	SW846 6010	21.5
Zinc	01/06/2011	SW846 6010	102

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LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B-3 6-10 (S-006)
Field ID No.: N/A

Lab Project No.: 10-5252
Lab Sample No.: 16395

Sample Type: Soil

Date Sampled: 12/22/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	01/06/2011	SW846 6010	3170
Antimony	01/06/2011	SW846 6010	<3.86
Arsenic	01/06/2011	SW846 6010	2.28
Barium	01/06/2011	SW846 6010	36.9
Beryllium	01/06/2011	SW846 6010	<0.322
Cadmium	01/06/2011	SW846 6010	<0.322
Calcium	01/06/2011	SW846 6010	119000
Chromium	01/06/2011	SW846 6010	5.13
Cobalt	01/06/2011	SW846 6010	3.17
Copper	01/06/2011	SW846 6010	8.42
Iron	01/06/2011	SW846 6010	8758.4
Lead	01/07/2011	SW846 6010	3.27
Magnesium	01/06/2011	SW846 6010	6190
Manganese	01/06/2011	SW846 6010	2460
Mercury	01/03/2011	SW846 7471	<0.0054
Nickel	01/06/2011	SW846 6010	6.15
Potassium	01/06/2011	SW846 6010	734
Selenium	01/06/2011	SW846 6010	<0.322
Silver	01/06/2011	SW846 6010	<0.643
Sodium	01/06/2011	SW846 6010	206
Thallium	01/06/2011	SW846 6010	<0.386
Vanadium	01/06/2011	SW846 6010	11.0
Zinc	01/06/2011	SW846 6010	13.8

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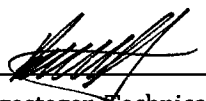
Comments:

Approved By: 

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179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B-4 0-4 (S-007)
Field ID No.: N/A

Lab Project No.: 10-5252
Lab Sample No.: 16396

Sample Type: Soil

Date Sampled: 12/22/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	01/06/2011	SW846 6010	7819
Antimony	01/06/2011	SW846 6010	<5.23
Arsenic	01/06/2011	SW846 6010	5.19
Barium	01/06/2011	SW846 6010	62.4
Beryllium	01/06/2011	SW846 6010	<0.436
Cadmium	01/06/2011	SW846 6010	<0.436
Calcium	01/06/2011	SW846 6010	2560
Chromium	01/06/2011	SW846 6010	10.0
Cobalt	01/06/2011	SW846 6010	6.62
Copper	01/06/2011	SW846 6010	223
Iron	01/06/2011	SW846 6010	19300
Lead	01/07/2011	SW846 6010	280
Magnesium	01/06/2011	SW846 6010	1500
Manganese	01/06/2011	SW846 6010	423
Mercury	01/03/2011	SW846 7471	0.236
Nickel	01/06/2011	SW846 6010	12.0
Potassium	01/06/2011	SW846 6010	957
Selenium	01/06/2011	SW846 6010	<0.436
Silver	01/06/2011	SW846 6010	<0.872
Sodium	01/06/2011	SW846 6010	<87.2
Thallium	01/06/2011	SW846 6010	<0.523
Vanadium	01/06/2011	SW846 6010	20.2
Zinc	01/06/2011	SW846 6010	92.6

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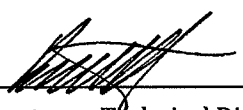
Comments:

Approved By: 

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179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B-4 8-12 (S-008)
Field ID No.: N/A

Lab Project No.: 10-5252
Lab Sample No.: 16397

Sample Type: Soil

Date Sampled: 12/22/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	01/06/2011	SW846 6010	3390
Antimony	01/06/2011	SW846 6010	<4.25
Arsenic	01/06/2011	SW846 6010	1.51
Barium	01/06/2011	SW846 6010	21.9
Beryllium	01/06/2011	SW846 6010	<0.354
Cadmium	01/06/2011	SW846 6010	<0.354
Calcium	01/06/2011	SW846 6010	65600
Chromium	01/06/2011	SW846 6010	5.47
Cobalt	01/06/2011	SW846 6010	3.32
Copper	01/07/2011	SW846 6010	6.16
Iron	01/06/2011	SW846 6010	8350
Lead	01/07/2011	SW846 6010	2.52
Magnesium	01/06/2011	SW846 6010	8100
Manganese	01/06/2011	SW846 6010	280
Mercury	01/03/2011	SW846 7471	<0.0049
Nickel	01/06/2011	SW846 6010	5.70
Potassium	01/06/2011	SW846 6010	815
Selenium	01/06/2011	SW846 6010	<0.354
Silver	01/06/2011	SW846 6010	<0.709
Sodium	01/06/2011	SW846 6010	133
Thallium	01/06/2011	SW846 6010	<0.425
Vanadium	01/06/2011	SW846 6010	12.0
Zinc	01/06/2011	SW846 6010	14.9

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LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B-5 0-4 (S-009)
Field ID No.: N/A

Lab Project No.: 10-5252
Lab Sample No.: 16398

Sample Type: Soil

Date Sampled: 12/21/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	01/06/2011	SW846 6010	11300
Antimony	01/06/2011	SW846 6010	<6.29
Arsenic	01/06/2011	SW846 6010	12.3
Barium	01/06/2011	SW846 6010	227
Beryllium	01/06/2011	SW846 6010	0.626
Cadmium	01/06/2011	SW846 6010	2.28
Calcium	01/06/2011	SW846 6010	12100
Chromium	01/06/2011	SW846 6010	276
Cobalt	01/06/2011	SW846 6010	11.0
Copper	01/07/2011	SW846 6010	2170
Iron	01/06/2011	SW846 6010	37400
Lead	01/07/2011	SW846 6010	2520
Magnesium	01/06/2011	SW846 6010	3890
Manganese	01/06/2011	SW846 6010	484
Mercury	01/03/2011	SW846 7471	0.308
Nickel	01/06/2011	SW846 6010	327
Potassium	01/06/2011	SW846 6010	795
Selenium	01/06/2011	SW846 6010	<0.524
Silver	01/06/2011	SW846 6010	1.48
Sodium	01/06/2011	SW846 6010	327
Thallium	01/06/2011	SW846 6010	<0.629
Vanadium	01/06/2011	SW846 6010	26.1
Zinc	01/06/2011	SW846 6010	2680

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Comments:

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LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B-5 6-10 (S-010)
Field ID No.: N/A

Lab Project No.: 10-5252
Lab Sample No.: 16399

Sample Type: Soil

Date Sampled: 12/21/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	01/06/2011	SW846 6010	4440
Antimony	01/06/2011	SW846 6010	<6.37
Arsenic	01/06/2011	SW846 6010	1.57
Barium	01/06/2011	SW846 6010	24.0
Beryllium	01/06/2011	SW846 6010	<0.530
Cadmium	01/06/2011	SW846 6010	<0.530
Calcium	01/06/2011	SW846 6010	16300
Chromium	01/06/2011	SW846 6010	6.79
Cobalt	01/06/2011	SW846 6010	4.36
Copper	01/07/2011	SW846 6010	8.67
Iron	01/06/2011	SW846 6010	10900
Lead	01/07/2011	SW846 6010	2.98
Magnesium	01/06/2011	SW846 6010	4040
Manganese	01/06/2011	SW846 6010	392
Mercury	01/03/2011	SW846 7471	0.0081
Nickel	01/06/2011	SW846 6010	6.57
Potassium	01/06/2011	SW846 6010	1020
Selenium	01/06/2011	SW846 6010	<0.530
Silver	01/06/2011	SW846 6010	<1.06
Sodium	01/06/2011	SW846 6010	117
Thallium	01/06/2011	SW846 6010	<0.637
Vanadium	01/06/2011	SW846 6010	15.4
Zinc	01/06/2011	SW846 6010	25.3

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Comments:

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LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B-6 0-4 (S-011)
Field ID No.: N/A

Lab Project No.: 10-5252
Lab Sample No.: 16400

Sample Type: Soil

Date Sampled: 12/21/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	01/06/2011	SW846 6010	5100
Antimony	01/06/2011	SW846 6010	<4.93
Arsenic	01/06/2011	SW846 6010	14.7
Barium	01/06/2011	SW846 6010	116
Beryllium	01/06/2011	SW846 6010	<0.410
Cadmium	01/06/2011	SW846 6010	3.08
Calcium	01/06/2011	SW846 6010	62900
Chromium	01/06/2011	SW846 6010	13.7
Cobalt	01/06/2011	SW846 6010	7.24
Copper	01/07/2011	SW846 6010	5680
Iron	01/06/2011	SW846 6010	29300
Lead	01/07/2011	SW846 6010	1960
Magnesium	01/06/2011	SW846 6010	9240
Manganese	01/06/2011	SW846 6010	296
Mercury	01/03/2011	SW846 7471	0.690
Nickel	01/06/2011	SW846 6010	32.0
Potassium	01/06/2011	SW846 6010	814
Selenium	01/06/2011	SW846 6010	<0.410
Silver	01/06/2011	SW846 6010	7.51
Sodium	01/06/2011	SW846 6010	479
Thallium	01/06/2011	SW846 6010	<0.493
Vanadium	01/06/2011	SW846 6010	15.4
Zinc	01/06/2011	SW846 6010	2460

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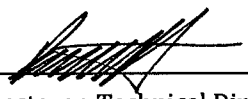
Comments:

Approved By: 

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LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B-6 10-14 (S-012)
Field ID No.: N/A

Lab Project No.: 10-5252
Lab Sample No.: 16401

Sample Type: Soil

Date Sampled: 12/21/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	01/06/2011	SW846 6010	4670
Antimony	01/06/2011	SW846 6010	<5.77
Arsenic	01/06/2011	SW846 6010	2.48
Barium	01/06/2011	SW846 6010	17.9
Beryllium	01/06/2011	SW846 6010	<0.481
Cadmium	01/06/2011	SW846 6010	<0.481
Calcium	01/06/2011	SW846 6010	37100
Chromium	01/06/2011	SW846 6010	6.85
Cobalt	01/06/2011	SW846 6010	4.09
Copper	01/07/2011	SW846 6010	19.6
Iron	01/06/2011	SW846 6010	10400
Lead	01/06/2011	SW846 6010	5.84
Magnesium	01/06/2011	SW846 6010	7130
Manganese	01/06/2011	SW846 6010	483
Mercury	01/03/2011	SW846 7471	<0.0079
Nickel	01/06/2011	SW846 6010	7.18
Potassium	01/06/2011	SW846 6010	1260
Selenium	01/06/2011	SW846 6010	<0.481
Silver	01/06/2011	SW846 6010	<0.962
Sodium	01/06/2011	SW846 6010	197
Thallium	01/06/2011	SW846 6010	<0.577
Vanadium	01/06/2011	SW846 6010	13.3
Zinc	01/07/2011	SW846 6010	21.4

ELAP ID No.:10958

Comments:

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LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B-7 (S013)
Field ID No.: N/A

Lab Project No.: 10-5252
Lab Sample No.: 16402

Sample Type: Soil

Date Sampled: 12/23/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	01/06/2011	SW846 6010	3980
Antimony	01/06/2011	SW846 6010	<4.83
Arsenic	01/06/2011	SW846 6010	1.46
Barium	01/06/2011	SW846 6010	27.7
Beryllium	01/06/2011	SW846 6010	<0.403
Cadmium	01/06/2011	SW846 6010	<0.403
Calcium	01/06/2011	SW846 6010	51500
Chromium	01/06/2011	SW846 6010	6.66
Cobalt	01/06/2011	SW846 6010	3.41
Copper	01/07/2011	SW846 6010	11.0
Iron	01/06/2011	SW846 6010	9480
Lead	01/06/2011	SW846 6010	3.35
Magnesium	01/06/2011	SW846 6010	9700
Manganese	01/06/2011	SW846 6010	298
Mercury	01/03/2011	SW846 7471	<0.0068
Nickel	01/06/2011	SW846 6010	7.53
Potassium	01/06/2011	SW846 6010	1090
Selenium	01/06/2011	SW846 6010	<0.403
Silver	01/06/2011	SW846 6010	<0.804
Sodium	01/06/2011	SW846 6010	140
Thallium	01/06/2011	SW846 6010	<0.483
Vanadium	01/06/2011	SW846 6010	13.5
Zinc	01/07/2011	SW846 6010	17.1

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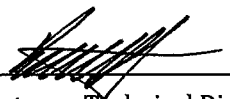
Comments:

Approved By: 

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LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B-8 (S-014)
Field ID No.: N/A

Lab Project No.: 10-5252
Lab Sample No.: 16403

Sample Type: Soil

Date Sampled: 12/23/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	01/06/2011	SW846 6010	3920
Antimony	01/06/2011	SW846 6010	<6.23
Arsenic	01/06/2011	SW846 6010	1.15
Barium	01/06/2011	SW846 6010	26.5
Beryllium	01/06/2011	SW846 6010	<0.519
Cadmium	01/06/2011	SW846 6010	<0.519
Calcium	01/06/2011	SW846 6010	42200
Chromium	01/06/2011	SW846 6010	5.86
Cobalt	01/06/2011	SW846 6010	3.47
Copper	01/07/2011	SW846 6010	7.26
Iron	01/06/2011	SW846 6010	8740
Lead	01/06/2011	SW846 6010	4.21
Magnesium	01/06/2011	SW846 6010	8560
Manganese	01/06/2011	SW846 6010	322
Mercury	01/03/2011	SW846 7471	<0.0088
Nickel	01/06/2011	SW846 6010	5.80
Potassium	01/06/2011	SW846 6010	982
Selenium	01/06/2011	SW846 6010	<0.519
Silver	01/06/2011	SW846 6010	<1.04
Sodium	01/06/2011	SW846 6010	146
Thallium	01/06/2011	SW846 6010	<0.623
Vanadium	01/06/2011	SW846 6010	13.0
Zinc	01/07/2011	SW846 6010	17.3

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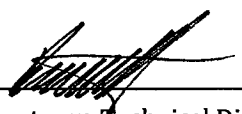
Comments:

Approved By: 

Bruce Hoogesteger, Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B9- (S-015)
Field ID No.: N/A

Lab Project No.: 10-5252
Lab Sample No.: 16404

Sample Type: Soil

Date Sampled: 12/23/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	01/06/2011	SW846 6010	5300
Antimony	01/06/2011	SW846 6010	<4.51
Arsenic	01/06/2011	SW846 6010	3.70
Barium	01/06/2011	SW846 6010	108
Beryllium	01/06/2011	SW846 6010	<0.375
Cadmium	01/06/2011	SW846 6010	<0.375
Calcium	01/06/2011	SW846 6010	71700
Chromium	01/06/2011	SW846 6010	8.35
Cobalt	01/06/2011	SW846 6010	5.14
Copper	01/07/2011	SW846 6010	5520
Iron	01/06/2011	SW846 6010	14400
Lead	01/06/2011	SW846 6010	37.2
Magnesium	01/06/2011	SW846 6010	11300
Manganese	01/06/2011	SW846 6010	402
Mercury	01/03/2011	SW846 7471	<0.0086 M
Nickel	01/06/2011	SW846 6010	12.3
Potassium	01/06/2011	SW846 6010	1251
Selenium	01/06/2011	SW846 6010	<0.375
Silver	01/06/2011	SW846 6010	<0.752
Sodium	01/06/2011	SW846 6010	546
Thallium	01/06/2011	SW846 6010	<0.451
Vanadium	01/06/2011	SW846 6010	13.1
Zinc	01/07/2011	SW846 6010	5790

ELAP ID No.:10958

Comments:

Approved By: 

Bruce Hoogesteger, Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester New York 14608 (585) 647-2530 FAX (585) 647-3311

LABORATORY REPORT FOR CHLORINATED HERBICIDES

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B-1 0-4ft (S-001)

Lab Project No.: 10-5252
Lab Sample No.: 16390

Sample Type: Soil

Date Sampled: 12/21/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Herbicides (ug/kg)
2,4-D	1/6/2011	SW8151A	<250
2,4,5-T	1/6/2011	SW8151A	<250
2,4,5-TP	1/6/2011	SW8151A	<250

ELAP ID.No.: 10709

Comments: Surrogate outliers indicate probable matrix interference.

Approved By: _____
Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

File ID: DECI 10-5252

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester New York 14608 (585) 647-2530 FAX (585) 647-3311

LABORATORY REPORT FOR CHLORINATED HERBICIDES

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B-2 0-4ft (S-003)

Lab Project No.: 10-5252
Lab Sample No.: 16392

Sample Type: Soil

Date Sampled: 12/21/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Herbicides (ug/kg)
2,4-D	1/6/2011	SW8151A	<233
2,4,5-T	1/6/2011	SW8151A	<233
2,4,5-TP	1/6/2011	SW8151A	<233

ELAP ID.No.: 10709

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester New York 14608 (585) 647-2530 FAX (585) 647-3311

LABORATORY REPORT FOR CHLORINATED HERBICIDES

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B-3 0-4 (S-005)

Lab Project No.: 10-5252
Lab Sample No.: 16394

Sample Type: Soil

Date Sampled: 12/22/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Herbicides (ug/kg)
2,4-D	1/6/2011	SW8151A	<243
2,4,5-T	1/6/2011	SW8151A	<243
2,4,5-TP	1/6/2011	SW8151A	<243

ELAP ID.No.: 10709

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

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PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester New York 14608 (585) 647-2530 FAX (585) 647-3311

LABORATORY REPORT FOR CHLORINATED HERBICIDES

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B-4 0-4 (S-007)

Lab Project No.: 10-5252
Lab Sample No.: 16396

Sample Type: Soil

Date Sampled: 12/22/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Herbicides (ug/kg)
2,4-D	1/6/2011	SW8151A	<234
2,4,5-T	1/6/2011	SW8151A	<234
2,4,5-TP	1/6/2011	SW8151A	<234

ELAP ID.No.: 10709

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

File ID: DECI 10-5252

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester New York 14608 (585) 647-2530 FAX (585) 647-3311

LABORATORY REPORT FOR CHLORINATED HERBICIDES

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B-5 0-4 (S-009)

Lab Project No.: 10-5252
Lab Sample No.: 16398

Sample Type: Soil

Date Sampled: 12/21/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Herbicides (ug/kg)
2,4-D	1/6/2011	SW8151A	<243
2,4,5-T	1/6/2011	SW8151A	<243
2,4,5-TP	1/6/2011	SW8151A	<243

ELAP ID.No.: 10709

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

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File ID: DECI 10-5252

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester New York 14608 (585) 647-2530 FAX (585) 647-3311

LABORATORY REPORT FOR CHLORINATED HERBICIDES

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: B-6 0-4 (S-011)

Lab Project No.: 10-5252
Lab Sample No.: 16400

Sample Type: Soil

Date Sampled: 12/21/2010
Date Received: 12/30/2010

Parameter	Date Analyzed	Analytical Method	Herbicides (ug/kg)
2,4-D	1/6/2011	SW8151A	<242
2,4,5-T	1/6/2011	SW8151A	<242
2,4,5-TP	1/6/2011	SW8151A	<242

ELAP ID.No.: 10709

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

File ID: DECI 10-5252

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16390
Client Job Number:	N/A		
Field Location:	B1 0-4 FT (S-001)	**Date Sampled:**	12/21/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/05/2011

PCB Identification	Results in mg / Kg
Aroclor 1016	< 0.361
Aroclor 1221	< 0.361
Aroclor 1232	< 0.361
Aroclor 1242	< 0.361
Aroclor 1248	< 0.361
Aroclor 1254	< 0.361
Aroclor 1260	< 0.361

ELAP Number 10958 Method: EPA 8082

Comments: mg / Kg = milligram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16392
Client Job Number:	N/A		
Field Location:	B-2 0-4 FT (S-003)	**Date Sampled:**	12/21/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/05/2011

PCB Identification	Results in mg / Kg
Aroclor 1016	< 0.356
Aroclor 1221	< 0.356
Aroclor 1232	< 0.356
Aroclor 1242	< 0.356
Aroclor 1248	< 0.356
Aroclor 1254	< 0.356
Aroclor 1260	< 0.356

ELAP Number 10958 Method: EPA 8082

Comments: mg / Kg = milligram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16394
Client Job Number:	N/A		
Field Location:	B-3 0-4 (S-005)	**Date Sampled:**	12/22/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/05/2011

PCB Identification	Results in mg / Kg
Aroclor 1016	< 0.357
Aroclor 1221	< 0.357
Aroclor 1232	< 0.357
Aroclor 1242	< 0.357
Aroclor 1248	< 0.357
Aroclor 1254	< 0.357
Aroclor 1260	< 0.357

ELAP Number 10958 Method: EPA 8082

Comments: mg / Kg = milligram per Kilogram

Signature: _____

Bruce Hoogesteger, Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16396
Client Job Number:	N/A		
Field Location:	B-4 0-4 (S-007)	**Date Sampled:**	12/22/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/05/2011

PCB Identification	Results in mg / Kg
Aroclor 1016	< 0.349
Aroclor 1221	< 0.349
Aroclor 1232	< 0.349
Aroclor 1242	< 0.349
Aroclor 1248	< 0.349
Aroclor 1254	< 0.349
Aroclor 1260	< 0.349

ELAP Number 10958 Method: EPA 8082

Comments: mg / Kg = milligram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16398
Client Job Number:	N/A		
Field Location:	B-5 0-4 (S-009)	**Date Sampled:**	12/21/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/05/2011

PCB Identification	Results in mg / Kg
Aroclor 1016	< 0.358
Aroclor 1221	< 0.358
Aroclor 1232	< 0.358
Aroclor 1242	< 0.358
Aroclor 1248	< 0.358
Aroclor 1254	< 0.358
Aroclor 1260	< 0.358

ELAP Number 10958 Method: EPA 8082

Comments: mg / Kg = milligram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16400
Client Job Number:	N/A		
Field Location:	B-6 0-4 (S011)	**Date Sampled:**	12/21/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/05/2011

PCB Identification	Results in mg / Kg
Aroclor 1016	< 0.350
Aroclor 1221	< 0.350
Aroclor 1232	< 0.350
Aroclor 1242	< 0.350
Aroclor 1248	< 0.350
Aroclor 1254	< 0.350
Aroclor 1260	< 0.350

ELAP Number 10958 Method: EPA 8082

Comments: mg / Kg = milligram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Pesticide Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16390
Client Job Number:	N/A		
Field Location:	B1 0-4 FT (S-001)	**Date Sampled:**	12/21/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/04/2011

Pesticide Identification	Results in ug / Kg
Aldrin	< 3.53
alpha-BHC	< 3.53
beta-BHC	< 3.53
delta-BHC	< 3.53
gamma-BHC	< 3.53
gamma-Chlordane	< 3.53
alpha-Chlordane	< 3.53
4,4'-DDD	C 16.0
4,4'-DDE	< 3.53
4,4'-DDT	4.07
Dieldrin	< 3.53
Endosulfan I	< 3.53
Endosulfan II	< 3.53
Endosulfan Sulfate	C 10.4
Endrin	< 3.53
Endrin Aldehyde	4.58
Endrin Ketone	C 12.2
Heptachlor	< 3.53
Heptachlor Epoxide	< 3.53
Methoxychlor	C 81.5
Toxaphene	< 17.7

ELAP Number 10958 Method: EPA 8081

Comments: ug / Kg = microgram per Kilogram
C = Concentration differs by more than 40% between primary and secondary columns

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Pesticide Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16392
Client Job Number:	N/A		
Field Location:	B-2 0-4 FT (S-003)	**Date Sampled:**	12/21/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/04/2011

Pesticide Identification	Results in ug / Kg
Aldrin	< 3.43
alpha-BHC	< 3.43
beta-BHC	< 3.43
delta-BHC	< 3.43
gamma-BHC	< 3.43
gamma-Chlordane	< 3.43
alpha-Chlordane	< 3.43
4,4'-DDD	< 3.43
4,4'-DDE	< 3.43
4,4'-DDT	< 3.43
Dieldrin	< 3.43
Endosulfan I	< 3.43
Endosulfan II	< 3.43
Endosulfan Sulfate	< 3.43
Endrin	< 3.43
Endrin Aldehyde	< 3.43
Endrin Ketone	< 3.43
Heptachlor	< 3.43
Heptachlor Epoxide	< 3.43
Methoxychlor	< 3.43
Toxaphene	< 17.2

ELAP Number 10958 Method: EPA 8081

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Pesticide Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16394
Client Job Number:	N/A		
Field Location:	B-3 0-4 (S-005)	**Date Sampled:**	12/22/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/04/2011

Pesticide Identification	Results in ug / Kg
Aldrin	< 3.41
alpha-BHC	< 3.41
beta-BHC	< 3.41
delta-BHC	< 3.41
gamma-BHC	< 3.41
gamma-Chlordane	< 3.41
alpha-Chlordane	< 3.41
4,4'-DDD	< 3.41
4,4'-DDE	< 3.41
4,4'-DDT	5.07
Dieldrin	< 3.41
Endosulfan I	< 3.41
Endosulfan II	< 3.41
Endosulfan Sulfate	< 3.41
Endrin	< 3.41
Endrin Aldehyde	< 3.41
Endrin Ketone	C 5.78
Heptachlor	< 3.41
Heptachlor Epoxide	< 3.41
Methoxychlor	C 84.8
Toxaphene	< 17.1

ELAP Number 10958 Method: EPA 8081

Comments: ug / Kg = microgram per Kilogram
C = Concentration differs by more than 40% between primary and secondary columns

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Pesticide Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16396
Client Job Number:	N/A		
Field Location:	B-4 0-4 (S-007)	**Date Sampled:**	12/22/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/04/2011

Pesticide Identification	Results in ug / Kg
Aldrin	< 3.37
alpha-BHC	< 3.37
beta-BHC	< 3.37
delta-BHC	< 3.37
gamma-BHC	< 3.37
gamma-Chlordane	< 3.37
alpha-Chlordane	< 3.37
4,4'-DDD	< 3.37
4,4'-DDE	< 3.37
4,4'-DDT	< 3.37
Dieldrin	< 3.37
Endosulfan I	< 3.37
Endosulfan II	< 3.37
Endosulfan Sulfate	< 3.37
Endrin	< 3.37
Endrin Aldehyde	< 3.37
Endrin Ketone	< 3.37
Heptachlor	< 3.37
Heptachlor Epoxide	< 3.37
Methoxychlor	< 3.37
Toxaphene	< 16.8

ELAP Number 10958 Method: EPA 8081

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogestegen, Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Pesticide Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16398
Client Job Number:	N/A		
Field Location:	B-5 0-4 (S-009)	**Date Sampled:**	12/21/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/04/2011

Pesticide Identification	Results in ug / Kg
Aldrin	< 3.43
alpha-BHC	C 15.5
beta-BHC	< 3.43
delta-BHC	< 3.43
gamma-BHC	< 3.43
gamma-Chlordane	< 3.43
alpha-Chlordane	18.8
4,4'-DDD	C 22.0
4,4'-DDE	< 3.43
4,4'-DDT	C 22.4
Dieldrin	C 4.90
Endosulfan I	< 3.43
Endosulfan II	C 3.86
Endosulfan Sulfate	C 12.4
Endrin	< 3.43
Endrin Aldehyde	C 4.12
Endrin Ketone	< 3.43
Heptachlor	< 3.43
Heptachlor Epoxide	< 3.43
Methoxychlor	C 6.37
Toxaphene	< 17.1

ELAP Number 10958 Method: EPA 8081

Comments: ug / Kg = microgram per Kilogram
C = Concentration differs by more than 40% between primary and secondary columns

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Pesticide Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16400
Client Job Number:	N/A		
Field Location:	B-6 0-4 (S011)	**Date Sampled:**	12/21/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/04/2011

Pesticide Identification	Results in ug / Kg
Aldrin	< 3.37
alpha-BHC	< 3.37
beta-BHC	< 3.37
delta-BHC	< 3.37
gamma-BHC	< 3.37
gamma-Chlordane	< 3.37
alpha-Chlordane	< 3.37
4,4'-DDD	< 3.37
4,4'-DDE	< 3.37
4,4'-DDT	< 3.37
Dieldrin	< 3.37
Endosulfan I	< 3.37
Endosulfan II	< 3.37
Endosulfan Sulfate	< 3.37
Endrin	< 3.37
Endrin Aldehyde	< 3.37
Endrin Ketone	< 3.37
Heptachlor	< 3.37
Heptachlor Epoxide	< 3.37
Methoxychlor	C 22.0
Toxaphene	< 16.8

ELAP Number 10958 Method: EPA 8081

Comments: ug / Kg = microgram per Kilogram
C = Concentration differs by more than 40% between primary and secondary columns

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16390
Client Job Number:	N/A		
Field Location:	B1 0-4 FT (S-001)	**Date Sampled:**	12/21/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/03/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 351	Dibenz (a,h) anthracene	< 351
Anthracene	< 351	Fluoranthene	1,070
Benzo (a) anthracene	582	Fluorene	< 351
Benzo (a) pyrene	533	Indeno (1,2,3-cd) pyrene	< 351
Benzo (b) fluoranthene	477	Naphthalene	< 351
Benzo (g,h,i) perylene	< 351	Phenanthrene	491
Benzo (k) fluoranthene	< 351	Pyrene	878
Chrysene	573	Acenaphthylene	< 351
Diethyl phthalate	< 351	1,2-Dichlorobenzene	< 351
Dimethyl phthalate	< 878	1,3-Dichlorobenzene	< 351
Butylbenzylphthalate	< 351	1,4-Dichlorobenzene	< 351
Di-n-butyl phthalate	< 351	1,2,4-Trichlorobenzene	< 351
Di-n-octylphthalate	< 351	Nitrobenzene	< 351
Bis (2-ethylhexyl) phthalate	< 351	2,4-Dinitrotoluene	< 351
2-Chloronaphthalene	< 351	2,6-Dinitrotoluene	< 351
Hexachlorobenzene	< 351	Bis (2-chloroethyl) ether	< 351
Hexachloroethane	< 351	Bis (2-chloroisopropyl) ether	< 351
Hexachlorocyclopentadiene	< 351	Bis (2-chloroethoxy) methane	< 351
Hexachlorobutadiene	< 351	4-Bromophenyl phenyl ether	< 351
N-Nitroso-di-n-propylamine	< 351	4-Chlorophenyl phenyl ether	< 351
N-Nitrosodiphenylamine	< 351	Benzidine	< 878
N-Nitrosodimethylamine	< 351	3,3'-Dichlorobenzidine	< 351
Isophorone	< 351	4-Chloroaniline	< 351
Benzyl alcohol	< 878	2-Nitroaniline	< 878
Dibenzofuran	< 351	3-Nitroaniline	< 878
2-Methylnapthalene	< 351	4-Nitroaniline	< 878

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 351	2-Methylphenol	< 351
2-Chlorophenol	< 351	3&4-Methylphenol	< 351
2,4-Dichlorophenol	< 351	2,4-Dimethylphenol	< 351
2,6-Dichlorophenol	< 351	2-Nitrophenol	< 351
2,4,5-Trichlorophenol	< 878	4-Nitrophenol	< 878
2,4,6-Trichlorophenol	< 351	2,4-Dinitrophenol	< 878
Pentachlorophenol	< 878	4,6-Dinitro-2-methylphenol	< 878
4-Chloro-3-methylphenol	< 351	Benzoic acid	< 878

ELAP Number 10958 Method: EPA 8270C Data File: S54574.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16391
Client Job Number:	N/A		
Field Location:	B-1 8-12 FT (S-002)	**Date Sampled:**	12/21/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/03/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 328	Dibenz (a,h) anthracene	< 328
Anthracene	< 328	Fluoranthene	< 328
Benzo (a) anthracene	< 328	Fluorene	< 328
Benzo (a) pyrene	< 328	Indeno (1,2,3-cd) pyrene	< 328
Benzo (b) fluoranthene	< 328	Naphthalene	< 328
Benzo (g,h,i) perylene	< 328	Phenanthrene	< 328
Benzo (k) fluoranthene	< 328	Pyrene	< 328
Chrysene	< 328	Acenaphthylene	< 328
Diethyl phthalate	< 328	1,2-Dichlorobenzene	< 328
Dimethyl phthalate	< 819	1,3-Dichlorobenzene	< 328
Butylbenzylphthalate	< 328	1,4-Dichlorobenzene	< 328
Di-n-butyl phthalate	< 328	1,2,4-Trichlorobenzene	< 328
Di-n-octylphthalate	< 328	Nitrobenzene	< 328
Bis (2-ethylhexyl) phthalate	< 328	2,4-Dinitrotoluene	< 328
2-Chloronaphthalene	< 328	2,6-Dinitrotoluene	< 328
Hexachlorobenzene	< 328	Bis (2-chloroethyl) ether	< 328
Hexachloroethane	< 328	Bis (2-chloroisopropyl) ether	< 328
Hexachlorocyclopentadiene	< 328	Bis (2-chloroethoxy) methane	< 328
Hexachlorobutadiene	< 328	4-Bromophenyl phenyl ether	< 328
N-Nitroso-di-n-propylamine	< 328	4-Chlorophenyl phenyl ether	< 328
N-Nitrosodiphenylamine	< 328	Benzidine	< 819
N-Nitrosodimethylamine	< 328	3,3'-Dichlorobenzidine	< 328
Isophorone	< 328	4-Chloroaniline	< 328
Benzyl alcohol	< 819	2-Nitroaniline	< 819
Dibenzofuran	< 328	3-Nitroaniline	< 819
2-Methylnapthalene	< 328	4-Nitroaniline	< 819

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 328	2-Methylphenol	< 328
2-Chlorophenol	< 328	3&4-Methylphenol	< 328
2,4-Dichlorophenol	< 328	2,4-Dimethylphenol	< 328
2,6-Dichlorophenol	< 328	2-Nitrophenol	< 328
2,4,5-Trichlorophenol	< 819	4-Nitrophenol	< 819
2,4,6-Trichlorophenol	< 328	2,4-Dinitrophenol	< 819
Pentachlorophenol	< 819	4,6-Dinitro-2-methylphenol	< 819
4-Chloro-3-methylphenol	< 328	Benzoic acid	< 819

ELAP Number 10958 Method: EPA 8270C Data File: S54575.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16392
Client Job Number:	N/A		
Field Location:	B-2 0-4 FT (S-003)	**Date Sampled:**	12/21/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/03/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 346	Dibenz (a,h) anthracene	< 346
Anthracene	< 346	Fluoranthene	< 346
Benzo (a) anthracene	< 346	Fluorene	< 346
Benzo (a) pyrene	< 346	Indeno (1,2,3-cd) pyrene	< 346
Benzo (b) fluoranthene	< 346	Naphthalene	< 346
Benzo (g,h,i) perylene	< 346	Phenanthrene	< 346
Benzo (k) fluoranthene	< 346	Pyrene	< 346
Chrysene	< 346	Acenaphthylene	< 346
Diethyl phthalate	< 346	1,2-Dichlorobenzene	< 346
Dimethyl phthalate	< 866	1,3-Dichlorobenzene	< 346
Butylbenzylphthalate	< 346	1,4-Dichlorobenzene	< 346
Di-n-butyl phthalate	< 346	1,2,4-Trichlorobenzene	< 346
Di-n-octylphthalate	< 346	Nitrobenzene	< 346
Bis (2-ethylhexyl) phthalate	< 346	2,4-Dinitrotoluene	< 346
2-Chloronaphthalene	< 346	2,6-Dinitrotoluene	< 346
Hexachlorobenzene	< 346	Bis (2-chloroethyl) ether	< 346
Hexachloroethane	< 346	Bis (2-chloroisopropyl) ether	< 346
Hexachlorocyclopentadiene	< 346	Bis (2-chloroethoxy) methane	< 346
Hexachlorobutadiene	< 346	4-Bromophenyl phenyl ether	< 346
N-Nitroso-di-n-propylamine	< 346	4-Chlorophenyl phenyl ether	< 346
N-Nitrosodiphenylamine	< 346	Benzidine	< 866
N-Nitrosodimethylamine	< 346	3,3'-Dichlorobenzidine	< 346
Isophorone	< 346	4-Chloroaniline	< 346
Benzyl alcohol	< 866	2-Nitroaniline	< 866
Dibenzofuran	< 346	3-Nitroaniline	< 866
2-Methylnapthalene	< 346	4-Nitroaniline	< 866

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 346	2-Methylphenol	< 346
2-Chlorophenol	< 346	3&4-Methylphenol	< 346
2,4-Dichlorophenol	< 346	2,4-Dimethylphenol	< 346
2,6-Dichlorophenol	< 346	2-Nitrophenol	< 346
2,4,5-Trichlorophenol	< 866	4-Nitrophenol	< 866
2,4,6-Trichlorophenol	< 346	2,4-Dinitrophenol	< 866
Pentachlorophenol	< 866	4,6-Dinitro-2-methylphenol	< 866
4-Chloro-3-methylphenol	< 346	Benzoic acid	< 866

ELAP Number 10958 Method: EPA 8270C Data File: S54576.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16393
Client Job Number:	N/A		
Field Location:	B-2 8-12 FT (S-004)	**Date Sampled:**	12/21/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/03/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 327	Dibenz (a,h) anthracene	< 327
Anthracene	< 327	Fluoranthene	< 327
Benzo (a) anthracene	< 327	Fluorene	< 327
Benzo (a) pyrene	< 327	Indeno (1,2,3-cd) pyrene	< 327
Benzo (b) fluoranthene	< 327	Naphthalene	< 327
Benzo (g,h,i) perylene	< 327	Phenanthrene	< 327
Benzo (k) fluoranthene	< 327	Pyrene	< 327
Chrysene	< 327	Acenaphthylene	< 327
Diethyl phthalate	< 327	1,2-Dichlorobenzene	< 327
Dimethyl phthalate	< 817	1,3-Dichlorobenzene	< 327
Butylbenzylphthalate	< 327	1,4-Dichlorobenzene	< 327
Di-n-butyl phthalate	< 327	1,2,4-Trichlorobenzene	< 327
Di-n-octylphthalate	< 327	Nitrobenzene	< 327
Bis (2-ethylhexyl) phthalate	< 327	2,4-Dinitrotoluene	< 327
2-Chloronaphthalene	< 327	2,6-Dinitrotoluene	< 327
Hexachlorobenzene	< 327	Bis (2-chloroethyl) ether	< 327
Hexachloroethane	< 327	Bis (2-chloroisopropyl) ether	< 327
Hexachlorocyclopentadiene	< 327	Bis (2-chloroethoxy) methane	< 327
Hexachlorobutadiene	< 327	4-Bromophenyl phenyl ether	< 327
N-Nitroso-di-n-propylamine	< 327	4-Chlorophenyl phenyl ether	< 327
N-Nitrosodiphenylamine	< 327	Benzidine	< 817
N-Nitrosodimethylamine	< 327	3,3'-Dichlorobenzidine	< 327
Isophorone	< 327	4-Chloroaniline	< 327
Benzyl alcohol	< 817	2-Nitroaniline	< 817
Dibenzofuran	< 327	3-Nitroaniline	< 817
2-Methylnapthalene	< 327	4-Nitroaniline	< 817

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 327	2-Methylphenol	< 327
2-Chlorophenol	< 327	3&4-Methylphenol	< 327
2,4-Dichlorophenol	< 327	2,4-Dimethylphenol	< 327
2,6-Dichlorophenol	< 327	2-Nitrophenol	< 327
2,4,5-Trichlorophenol	< 817	4-Nitrophenol	< 817
2,4,6-Trichlorophenol	< 327	2,4-Dinitrophenol	< 817
Pentachlorophenol	< 817	4,6-Dinitro-2-methylphenol	< 817
4-Chloro-3-methylphenol	< 327	Benzoic acid	< 817

ELAP Number 10958 Method: EPA 8270C Data File: S54577.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16394
Client Job Number:	N/A		
Field Location:	B-3 0-4 (S-005)	**Date Sampled:**	12/22/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/03/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 337	Dibenz (a,h) anthracene	< 337
Anthracene	< 337	Fluoranthene	887
Benzo (a) anthracene	431	Fluorene	< 337
Benzo (a) pyrene	393	Indeno (1,2,3-cd) pyrene	< 337
Benzo (b) fluoranthene	417	Naphthalene	< 337
Benzo (g,h,i) perylene	< 337	Phenanthrene	569
Benzo (k) fluoranthene	< 337	Pyrene	724
Chrysene	419	Acenaphthylene	< 337
Diethyl phthalate	< 337	1,2-Dichlorobenzene	< 337
Dimethyl phthalate	< 843	1,3-Dichlorobenzene	< 337
Butylbenzylphthalate	< 337	1,4-Dichlorobenzene	< 337
Di-n-butyl phthalate	< 337	1,2,4-Trichlorobenzene	< 337
Di-n-octylphthalate	< 337	Nitrobenzene	< 337
Bis (2-ethylhexyl) phthalate	< 337	2,4-Dinitrotoluene	< 337
2-Chloronaphthalene	< 337	2,6-Dinitrotoluene	< 337
Hexachlorobenzene	< 337	Bis (2-chloroethyl) ether	< 337
Hexachloroethane	< 337	Bis (2-chloroisopropyl) ether	< 337
Hexachlorocyclopentadiene	< 337	Bis (2-chloroethoxy) methane	< 337
Hexachlorobutadiene	< 337	4-Bromophenyl phenyl ether	< 337
N-Nitroso-di-n-propylamine	< 337	4-Chlorophenyl phenyl ether	< 337
N-Nitrosodiphenylamine	< 337	Benzidine	< 843
N-Nitrosodimethylamine	< 337	3,3'-Dichlorobenzidine	< 337
Isophorone	< 337	4-Chloroaniline	< 337
Benzyl alcohol	< 843	2-Nitroaniline	< 843
Dibenzofuran	< 337	3-Nitroaniline	< 843
2-Methylnapthalene	< 337	4-Nitroaniline	< 843

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 337	2-Methylphenol	< 337
2-Chlorophenol	< 337	3&4-Methylphenol	< 337
2,4-Dichlorophenol	< 337	2,4-Dimethylphenol	< 337
2,6-Dichlorophenol	< 337	2-Nitrophenol	< 337
2,4,5-Trichlorophenol	< 843	4-Nitrophenol	< 843
2,4,6-Trichlorophenol	< 337	2,4-Dinitrophenol	< 843
Pentachlorophenol	< 843	4,6-Dinitro-2-methylphenol	< 843
4-Chloro-3-methylphenol	< 337	Benzoic acid	< 843

ELAP Number 10958 Method: EPA 8270C Data File: S54580.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16395
Client Job Number:	N/A		
Field Location:	B-3 6-10 (S-006)	**Date Sampled:**	12/22/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/03/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 319	Dibenz (a,h) anthracene	< 319
Anthracene	< 319	Fluoranthene	< 319
Benzo (a) anthracene	< 319	Fluorene	< 319
Benzo (a) pyrene	< 319	Indeno (1,2,3-cd) pyrene	< 319
Benzo (b) fluoranthene	< 319	Naphthalene	< 319
Benzo (g,h,i) perylene	< 319	Phenanthrene	< 319
Benzo (k) fluoranthene	< 319	Pyrene	< 319
Chrysene	< 319	Acenaphthylene	< 319
Diethyl phthalate	< 319	1,2-Dichlorobenzene	< 319
Dimethyl phthalate	< 797	1,3-Dichlorobenzene	< 319
Butylbenzylphthalate	< 319	1,4-Dichlorobenzene	< 319
Di-n-butyl phthalate	< 319	1,2,4-Trichlorobenzene	< 319
Di-n-octylphthalate	< 319	Nitrobenzene	< 319
Bis (2-ethylhexyl) phthalate	< 319	2,4-Dinitrotoluene	< 319
2-Chloronaphthalene	< 319	2,6-Dinitrotoluene	< 319
Hexachlorobenzene	< 319	Bis (2-chloroethyl) ether	< 319
Hexachloroethane	< 319	Bis (2-chloroisopropyl) ether	< 319
Hexachlorocyclopentadiene	< 319	Bis (2-chloroethoxy) methane	< 319
Hexachlorobutadiene	< 319	4-Bromophenyl phenyl ether	< 319
N-Nitroso-di-n-propylamine	< 319	4-Chlorophenyl phenyl ether	< 319
N-Nitrosodiphenylamine	< 319	Benzidine	< 797
N-Nitrosodimethylamine	< 319	3,3'-Dichlorobenzidine	< 319
Isophorone	< 319	4-Chloroaniline	< 319
Benzyl alcohol	< 797	2-Nitroaniline	< 797
Dibenzofuran	< 319	3-Nitroaniline	< 797
2-Methylnapthalene	< 319	4-Nitroaniline	< 797

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 319	2-Methylphenol	< 319
2-Chlorophenol	< 319	3&4-Methylphenol	< 319
2,4-Dichlorophenol	< 319	2,4-Dimethylphenol	< 319
2,6-Dichlorophenol	< 319	2-Nitrophenol	< 319
2,4,5-Trichlorophenol	< 797	4-Nitrophenol	< 797
2,4,6-Trichlorophenol	< 319	2,4-Dinitrophenol	< 797
Pentachlorophenol	< 797	4,6-Dinitro-2-methylphenol	< 797
4-Chloro-3-methylphenol	< 319	Benzoic acid	< 797

ELAP Number 10958 Method: EPA 8270C Data File: S54581.D

Comments: ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16396
Client Job Number:	N/A		
Field Location:	B-4 0-4 (S-007)	**Date Sampled:**	12/22/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/03/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 334	Dibenz (a,h) anthracene	< 334
Anthracene	< 334	Fluoranthene	< 334
Benzo (a) anthracene	< 334	Fluorene	< 334
Benzo (a) pyrene	< 334	Indeno (1,2,3-cd) pyrene	< 334
Benzo (b) fluoranthene	< 334	Naphthalene	< 334
Benzo (g,h,i) perylene	< 334	Phenanthrene	< 334
Benzo (k) fluoranthene	< 334	Pyrene	< 334
Chrysene	< 334	Acenaphthylene	< 334
Diethyl phthalate	< 334	1,2-Dichlorobenzene	< 334
Dimethyl phthalate	< 835	1,3-Dichlorobenzene	< 334
Butylbenzylphthalate	< 334	1,4-Dichlorobenzene	< 334
Di-n-butyl phthalate	< 334	1,2,4-Trichlorobenzene	< 334
Di-n-octylphthalate	< 334	Nitrobenzene	< 334
Bis (2-ethylhexyl) phthalate	< 334	2,4-Dinitrotoluene	< 334
2-Chloronaphthalene	< 334	2,6-Dinitrotoluene	< 334
Hexachlorobenzene	< 334	Bis (2-chloroethyl) ether	< 334
Hexachloroethane	< 334	Bis (2-chloroisopropyl) ether	< 334
Hexachlorocyclopentadiene	< 334	Bis (2-chloroethoxy) methane	< 334
Hexachlorobutadiene	< 334	4-Bromophenyl phenyl ether	< 334
N-Nitroso-di-n-propylamine	< 334	4-Chlorophenyl phenyl ether	< 334
N-Nitrosodiphenylamine	< 334	Benzidine	< 835
N-Nitrosodimethylamine	< 334	3,3'-Dichlorobenzidine	< 334
Isophorone	< 334	4-Chloroaniline	< 334
Benzyl alcohol	< 835	2-Nitroaniline	< 835
Dibenzofuran	< 334	3-Nitroaniline	< 835
2-Methylnapthalene	< 334	4-Nitroaniline	< 835

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 334	2-Methylphenol	< 334
2-Chlorophenol	< 334	3&4-Methylphenol	< 334
2,4-Dichlorophenol	< 334	2,4-Dimethylphenol	< 334
2,6-Dichlorophenol	< 334	2-Nitrophenol	< 334
2,4,5-Trichlorophenol	< 835	4-Nitrophenol	< 835
2,4,6-Trichlorophenol	< 334	2,4-Dinitrophenol	< 835
Pentachlorophenol	< 835	4,6-Dinitro-2-methylphenol	< 835
4-Chloro-3-methylphenol	< 334	Benzoic acid	< 835

ELAP Number 10958 Method: EPA 8270C Data File: S54582.D

Comments: ug / Kg = microgram per Kilogram

Signature: 

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16397
Client Job Number:	N/A		
Field Location:	B-4 8-12 (S-008)	**Date Sampled:**	12/22/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/03/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 316	Dibenz (a,h) anthracene	< 316
Anthracene	< 316	Fluoranthene	< 316
Benzo (a) anthracene	< 316	Fluorene	< 316
Benzo (a) pyrene	< 316	Indeno (1,2,3-cd) pyrene	< 316
Benzo (b) fluoranthene	< 316	Naphthalene	< 316
Benzo (g,h,i) perylene	< 316	Phenanthrene	< 316
Benzo (k) fluoranthene	< 316	Pyrene	< 316
Chrysene	< 316	Acenaphthylene	< 316
Diethyl phthalate	< 316	1,2-Dichlorobenzene	< 316
Dimethyl phthalate	< 790	1,3-Dichlorobenzene	< 316
Butylbenzylphthalate	< 316	1,4-Dichlorobenzene	< 316
Di-n-butyl phthalate	< 316	1,2,4-Trichlorobenzene	< 316
Di-n-octylphthalate	< 316	Nitrobenzene	< 316
Bis (2-ethylhexyl) phthalate	< 316	2,4-Dinitrotoluene	< 316
2-Chloronaphthalene	< 316	2,6-Dinitrotoluene	< 316
Hexachlorobenzene	< 316	Bis (2-chloroethyl) ether	< 316
Hexachloroethane	< 316	Bis (2-chloroisopropyl) ether	< 316
Hexachlorocyclopentadiene	< 316	Bis (2-chloroethoxy) methane	< 316
Hexachlorobutadiene	< 316	4-Bromophenyl phenyl ether	< 316
N-Nitroso-di-n-propylamine	< 316	4-Chlorophenyl phenyl ether	< 316
N-Nitrosodiphenylamine	< 316	Benzidine	< 790
N-Nitrosodimethylamine	< 316	3,3'-Dichlorobenzidine	< 316
Isophorone	< 316	4-Chloroaniline	< 316
Benzyl alcohol	< 790	2-Nitroaniline	< 790
Dibenzofuran	< 316	3-Nitroaniline	< 790
2-Methylnapthalene	< 316	4-Nitroaniline	< 790

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 316	2-Methylphenol	< 316
2-Chlorophenol	< 316	3&4-Methylphenol	< 316
2,4-Dichlorophenol	< 316	2,4-Dimethylphenol	< 316
2,6-Dichlorophenol	< 316	2-Nitrophenol	< 316
2,4,5-Trichlorophenol	< 790	4-Nitrophenol	< 790
2,4,6-Trichlorophenol	< 316	2,4-Dinitrophenol	< 790
Pentachlorophenol	< 790	4,6-Dinitro-2-methylphenol	< 790
4-Chloro-3-methylphenol	< 316	Benzoic acid	< 790

ELAP Number 10958 Method: EPA 8270C Data File: S54583.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

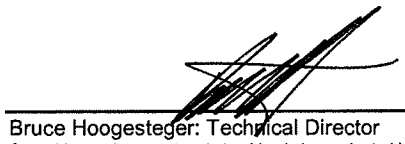
Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16398
Client Job Number:	N/A		
Field Location:	B-5 0-4 (S-009)	**Date Sampled:**	12/21/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/03/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	855	Dibenz (a,h) anthracene	629
Anthracene	1,830	Fluoranthene	6,280
Benzo (a) anthracene	3,020	Fluorene	834
Benzo (a) pyrene	2,640	Indeno (1,2,3-cd) pyrene	1,730
Benzo (b) fluoranthene	2,680	Naphthalene	424
Benzo (g,h,i) perylene	1,760	Phenanthrene	6,250
Benzo (k) fluoranthene	1,750	Pyrene	5,130
Chrysene	2,940	Acenaphthylene	< 340
Diethyl phthalate	< 340	1,2-Dichlorobenzene	< 340
Dimethyl phthalate	< 850	1,3-Dichlorobenzene	< 340
Butylbenzylphthalate	< 340	1,4-Dichlorobenzene	< 340
Di-n-butyl phthalate	489	1,2,4-Trichlorobenzene	< 340
Di-n-octylphthalate	< 340	Nitrobenzene	< 340
Bis (2-ethylhexyl) phthalate	< 340	2,4-Dinitrotoluene	< 340
2-Chloronaphthalene	< 340	2,6-Dinitrotoluene	< 340
Hexachlorobenzene	< 340	Bis (2-chloroethyl) ether	< 340
Hexachloroethane	< 340	Bis (2-chloroisopropyl) ether	< 340
Hexachlorocyclopentadiene	< 340	Bis (2-chloroethoxy) methane	< 340
Hexachlorobutadiene	< 340	4-Bromophenyl phenyl ether	< 340
N-Nitroso-di-n-propylamine	< 340	4-Chlorophenyl phenyl ether	< 340
N-Nitrosodiphenylamine	< 340	Benzidine	< 850
N-Nitrosodimethylamine	< 340	3,3'-Dichlorobenzidine	< 340
Isophorone	< 340	4-Chloroaniline	< 340
Benzyl alcohol	< 850	2-Nitroaniline	< 850
Dibenzofuran	671	3-Nitroaniline	< 850
2-Methylnapthalene	< 340	4-Nitroaniline	< 850

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 340	2-Methylphenol	< 340
2-Chlorophenol	< 340	3&4-Methylphenol	< 340
2,4-Dichlorophenol	< 340	2,4-Dimethylphenol	< 340
2,6-Dichlorophenol	< 340	2-Nitrophenol	< 340
2,4,5-Trichlorophenol	< 850	4-Nitrophenol	< 850
2,4,6-Trichlorophenol	< 340	2,4-Dinitrophenol	< 850
Pentachlorophenol	< 850	4,6-Dinitro-2-methylphenol	< 850
4-Chloro-3-methylphenol	< 340	Benzoic acid	< 850

ELAP Number 10958 Method: EPA 8270C Data File: S54584.D

Comments: ug / Kg = microgram per Kilogram
Surrogate outliers indicate probable matrix interference

Signature: 

Bruce Hoogesteger: Technical Director

PARADIGM
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16399
Client Job Number:	N/A		
Field Location:	B-5 6-10 (S-010)	**Date Sampled:**	12/21/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/03/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 339	Dibenz (a,h) anthracene	< 339
Anthracene	< 339	Fluoranthene	< 339
Benzo (a) anthracene	< 339	Fluorene	< 339
Benzo (a) pyrene	< 339	Indeno (1,2,3-cd) pyrene	< 339
Benzo (b) fluoranthene	< 339	Naphthalene	< 339
Benzo (g,h,i) perylene	< 339	Phenanthrene	< 339
Benzo (k) fluoranthene	< 339	Pyrene	< 339
Chrysene	< 339	Acenaphthylene	< 339
Diethyl phthalate	< 339	1,2-Dichlorobenzene	< 339
Dimethyl phthalate	< 848	1,3-Dichlorobenzene	< 339
Butylbenzylphthalate	< 339	1,4-Dichlorobenzene	< 339
Di-n-butyl phthalate	< 339	1,2,4-Trichlorobenzene	< 339
Di-n-octylphthalate	< 339	Nitrobenzene	< 339
Bis (2-ethylhexyl) phthalate	< 339	2,4-Dinitrotoluene	< 339
2-Chloronaphthalene	< 339	2,6-Dinitrotoluene	< 339
Hexachlorobenzene	< 339	Bis (2-chloroethyl) ether	< 339
Hexachloroethane	< 339	Bis (2-chloroisopropyl) ether	< 339
Hexachlorocyclopentadiene	< 339	Bis (2-chloroethoxy) methane	< 339
Hexachlorobutadiene	< 339	4-Bromophenyl phenyl ether	< 339
N-Nitroso-di-n-propylamine	< 339	4-Chlorophenyl phenyl ether	< 339
N-Nitrosodiphenylamine	< 339	Benzidine	< 848
N-Nitrosodimethylamine	< 339	3,3'-Dichlorobenzidine	< 339
Isophorone	< 339	4-Chloroaniline	< 339
Benzyl alcohol	< 848	2-Nitroaniline	< 848
Dibenzofuran	< 339	3-Nitroaniline	< 848
2-Methylnapthalene	< 339	4-Nitroaniline	< 848

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 339	2-Methylphenol	< 339
2-Chlorophenol	< 339	3&4-Methylphenol	< 339
2,4-Dichlorophenol	< 339	2,4-Dimethylphenol	< 339
2,6-Dichlorophenol	< 339	2-Nitrophenol	< 339
2,4,5-Trichlorophenol	< 848	4-Nitrophenol	< 848
2,4,6-Trichlorophenol	< 339	2,4-Dinitrophenol	< 848
Pentachlorophenol	< 848	4,6-Dinitro-2-methylphenol	< 848
4-Chloro-3-methylphenol	< 339	Benzoic acid	< 848

ELAP Number 10958 Method: EPA 8270C Data File: S54585.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16400
Client Job Number:	N/A		
Field Location:	B-6 0-4 (S011)	**Date Sampled:**	12/21/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/03/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 339	Dibenz (a,h) anthracene	< 339
Anthracene	< 339	Fluoranthene	< 339
Benzo (a) anthracene	< 339	Fluorene	< 339
Benzo (a) pyrene	< 339	Indeno (1,2,3-cd) pyrene	< 339
Benzo (b) fluoranthene	< 339	Naphthalene	< 339
Benzo (g,h,i) perylene	< 339	Phenanthrene	< 339
Benzo (k) fluoranthene	< 339	Pyrene	< 339
Chrysene	< 339	Acenaphthylene	< 339
Diethyl phthalate	< 339	1,2-Dichlorobenzene	< 339
Dimethyl phthalate	< 846	1,3-Dichlorobenzene	< 339
Butylbenzylphthalate	< 339	1,4-Dichlorobenzene	< 339
Di-n-butyl phthalate	< 339	1,2,4-Trichlorobenzene	< 339
Di-n-octylphthalate	< 339	Nitrobenzene	< 339
Bis (2-ethylhexyl) phthalate	< 339	2,4-Dinitrotoluene	< 339
2-Chloronaphthalene	< 339	2,6-Dinitrotoluene	< 339
Hexachlorobenzene	< 339	Bis (2-chloroethyl) ether	< 339
Hexachloroethane	< 339	Bis (2-chloroisopropyl) ether	< 339
Hexachlorocyclopentadiene	< 339	Bis (2-chloroethoxy) methane	< 339
Hexachlorobutadiene	< 339	4-Bromophenyl phenyl ether	< 339
N-Nitroso-di-n-propylamine	< 339	4-Chlorophenyl phenyl ether	< 339
N-Nitrosodiphenylamine	< 339	Benzidine	< 846
N-Nitrosodimethylamine	< 339	3,3'-Dichlorobenzidine	< 339
Isophorone	< 339	4-Chloroaniline	< 339
Benzyl alcohol	< 846	2-Nitroaniline	< 846
Dibenzofuran	< 339	3-Nitroaniline	< 846
2-Methylnapthalene	< 339	4-Nitroaniline	< 846

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 339	2-Methylphenol	< 339
2-Chlorophenol	< 339	3&4-Methylphenol	< 339
2,4-Dichlorophenol	< 339	2,4-Dimethylphenol	< 339
2,6-Dichlorophenol	< 339	2-Nitrophenol	< 339
2,4,5-Trichlorophenol	< 846	4-Nitrophenol	< 846
2,4,6-Trichlorophenol	< 339	2,4-Dinitrophenol	< 846
Pentachlorophenol	< 846	4,6-Dinitro-2-methylphenol	< 846
4-Chloro-3-methylphenol	< 339	Benzoic acid	< 846

ELAP Number 10958 Method: EPA 8270C Data File: S54586.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16401
Client Job Number:	N/A		
Field Location:	B-6 10-14 (S012)	**Date Sampled:**	12/21/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/03/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 329	Dibenz (a,h) anthracene	< 329
Anthracene	< 329	Fluoranthene	< 329
Benzo (a) anthracene	< 329	Fluorene	< 329
Benzo (a) pyrene	< 329	Indeno (1,2,3-cd) pyrene	< 329
Benzo (b) fluoranthene	< 329	Naphthalene	< 329
Benzo (g,h,i) perylene	< 329	Phenanthrene	< 329
Benzo (k) fluoranthene	< 329	Pyrene	< 329
Chrysene	< 329	Acenaphthylene	< 329
Diethyl phthalate	< 329	1,2-Dichlorobenzene	< 329
Dimethyl phthalate	< 822	1,3-Dichlorobenzene	< 329
Butylbenzylphthalate	< 329	1,4-Dichlorobenzene	< 329
Di-n-butyl phthalate	< 329	1,2,4-Trichlorobenzene	< 329
Di-n-octylphthalate	< 329	Nitrobenzene	< 329
Bis (2-ethylhexyl) phthalate	< 329	2,4-Dinitrotoluene	< 329
2-Chloronaphthalene	< 329	2,6-Dinitrotoluene	< 329
Hexachlorobenzene	< 329	Bis (2-chloroethyl) ether	< 329
Hexachloroethane	< 329	Bis (2-chloroisopropyl) ether	< 329
Hexachlorocyclopentadiene	< 329	Bis (2-chloroethoxy) methane	< 329
Hexachlorobutadiene	< 329	4-Bromophenyl phenyl ether	< 329
N-Nitroso-di-n-propylamine	< 329	4-Chlorophenyl phenyl ether	< 329
N-Nitrosodiphenylamine	< 329	Benzidine	< 822
N-Nitrosodimethylamine	< 329	3,3'-Dichlorobenzidine	< 329
Isophorone	< 329	4-Chloroaniline	< 329
Benzyl alcohol	< 822	2-Nitroaniline	< 822
Dibenzofuran	< 329	3-Nitroaniline	< 822
2-Methylnapthalene	< 329	4-Nitroaniline	< 822

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 329	2-Methylphenol	< 329
2-Chlorophenol	< 329	3&4-Methylphenol	< 329
2,4-Dichlorophenol	< 329	2,4-Dimethylphenol	< 329
2,6-Dichlorophenol	< 329	2-Nitrophenol	< 329
2,4,5-Trichlorophenol	< 822	4-Nitrophenol	< 822
2,4,6-Trichlorophenol	< 329	2,4-Dinitrophenol	< 822
Pentachlorophenol	< 822	4,6-Dinitro-2-methylphenol	< 822
4-Chloro-3-methylphenol	< 329	Benzoic acid	< 822

ELAP Number 10958 Method: EPA 8270C Data File: S54587.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16402
Client Job Number:	N/A		
Field Location:	B-7 (S013)	**Date Sampled:**	12/23/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/03/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 328	Dibenz (a,h) anthracene	< 328
Anthracene	< 328	Fluoranthene	< 328
Benzo (a) anthracene	< 328	Fluorene	< 328
Benzo (a) pyrene	< 328	Indeno (1,2,3-cd) pyrene	< 328
Benzo (b) fluoranthene	< 328	Naphthalene	< 328
Benzo (g,h,i) perylene	< 328	Phenanthrene	< 328
Benzo (k) fluoranthene	< 328	Pyrene	< 328
Chrysene	< 328	Acenaphthylene	< 328
Diethyl phthalate	< 328	1,2-Dichlorobenzene	< 328
Dimethyl phthalate	< 820	1,3-Dichlorobenzene	< 328
Butylbenzylphthalate	< 328	1,4-Dichlorobenzene	< 328
Di-n-butyl phthalate	< 328	1,2,4-Trichlorobenzene	< 328
Di-n-octylphthalate	< 328	Nitrobenzene	< 328
Bis (2-ethylhexyl) phthalate	< 328	2,4-Dinitrotoluene	< 328
2-Chloronaphthalene	< 328	2,6-Dinitrotoluene	< 328
Hexachlorobenzene	< 328	Bis (2-chloroethyl) ether	< 328
Hexachloroethane	< 328	Bis (2-chloroisopropyl) ether	< 328
Hexachlorocyclopentadiene	< 328	Bis (2-chloroethoxy) methane	< 328
Hexachlorobutadiene	< 328	4-Bromophenyl phenyl ether	< 328
N-Nitroso-di-n-propylamine	< 328	4-Chlorophenyl phenyl ether	< 328
N-Nitrosodiphenylamine	< 328	Benzidine	< 820
N-Nitrosodimethylamine	< 328	3,3'-Dichlorobenzidine	< 328
Isophorone	< 328	4-Chloroaniline	< 328
Benzyl alcohol	< 820	2-Nitroaniline	< 820
Dibenzofuran	< 328	3-Nitroaniline	< 820
2-Methylnapthalene	< 328	4-Nitroaniline	< 820

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 328	2-Methylphenol	< 328
2-Chlorophenol	< 328	3&4-Methylphenol	< 328
2,4-Dichlorophenol	< 328	2,4-Dimethylphenol	< 328
2,6-Dichlorophenol	< 328	2-Nitrophenol	< 328
2,4,5-Trichlorophenol	< 820	4-Nitrophenol	< 820
2,4,6-Trichlorophenol	< 328	2,4-Dinitrophenol	< 820
Pentachlorophenol	< 820	4,6-Dinitro-2-methylphenol	< 820
4-Chloro-3-methylphenol	< 328	Benzoic acid	< 820

ELAP Number 10958 Method: EPA 8270C Data File: S54588.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16403
Client Job Number:	N/A		
Field Location:	B-8 (S014)	**Date Sampled:**	12/23/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/03/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 333	Dibenz (a,h) anthracene	< 333
Anthracene	< 333	Fluoranthene	< 333
Benzo (a) anthracene	< 333	Fluorene	< 333
Benzo (a) pyrene	< 333	Indeno (1,2,3-cd) pyrene	< 333
Benzo (b) fluoranthene	< 333	Naphthalene	< 333
Benzo (g,h,i) perylene	< 333	Phenanthrene	< 333
Benzo (k) fluoranthene	< 333	Pyrene	< 333
Chrysene	< 333	Acenaphthylene	< 333
Diethyl phthalate	< 333	1,2-Dichlorobenzene	< 333
Dimethyl phthalate	< 833	1,3-Dichlorobenzene	< 333
Butylbenzylphthalate	< 333	1,4-Dichlorobenzene	< 333
Di-n-butyl phthalate	< 333	1,2,4-Trichlorobenzene	< 333
Di-n-octylphthalate	< 333	Nitrobenzene	< 333
Bis (2-ethylhexyl) phthalate	< 333	2,4-Dinitrotoluene	< 333
2-Chloronaphthalene	< 333	2,6-Dinitrotoluene	< 333
Hexachlorobenzene	< 333	Bis (2-chloroethyl) ether	< 333
Hexachloroethane	< 333	Bis (2-chloroisopropyl) ether	< 333
Hexachlorocyclopentadiene	< 333	Bis (2-chloroethoxy) methane	< 333
Hexachlorobutadiene	< 333	4-Bromophenyl phenyl ether	< 333
N-Nitroso-di-n-propylamine	< 333	4-Chlorophenyl phenyl ether	< 333
N-Nitrosodiphenylamine	< 333	Benzidine	< 833
N-Nitrosodimethylamine	< 333	3,3'-Dichlorobenzidine	< 333
Isophorone	< 333	4-Chloroaniline	< 333
Benzyl alcohol	< 833	2-Nitroaniline	< 833
Dibenzofuran	< 333	3-Nitroaniline	< 833
2-Methylnapthalene	< 333	4-Nitroaniline	< 833

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 333	2-Methylphenol	< 333
2-Chlorophenol	< 333	3&4-Methylphenol	< 333
2,4-Dichlorophenol	< 333	2,4-Dimethylphenol	< 333
2,6-Dichlorophenol	< 333	2-Nitrophenol	< 333
2,4,5-Trichlorophenol	< 833	4-Nitrophenol	< 833
2,4,6-Trichlorophenol	< 333	2,4-Dinitrophenol	< 833
Pentachlorophenol	< 833	4,6-Dinitro-2-methylphenol	< 833
4-Chloro-3-methylphenol	< 333	Benzoic acid	< 833

ELAP Number 10958 Method: EPA 8270C Data File: S54589.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	10-5252
		Lab Sample Number:	16404
Client Job Number:	N/A		
Field Location:	B-9 (S015)	**Date Sampled:**	12/23/2010
Field ID Number:	N/A	**Date Received:**	12/30/2010
Sample Type:	Soil	**Date Analyzed:**	01/04/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 323	Dibenz (a,h) anthracene	< 323
Anthracene	< 323	Fluoranthene	< 323
Benzo (a) anthracene	< 323	Fluorene	< 323
Benzo (a) pyrene	< 323	Indeno (1,2,3-cd) pyrene	< 323
Benzo (b) fluoranthene	< 323	Naphthalene	< 323
Benzo (g,h,i) perylene	< 323	Phenanthrene	< 323
Benzo (k) fluoranthene	< 323	Pyrene	< 323
Chrysene	< 323	Acenaphthylene	< 323
Diethyl phthalate	< 323	1,2-Dichlorobenzene	< 323
Dimethyl phthalate	< 808	1,3-Dichlorobenzene	< 323
Butylbenzylphthalate	< 323	1,4-Dichlorobenzene	< 323
Di-n-butyl phthalate	< 323	1,2,4-Trichlorobenzene	< 323
Di-n-octylphthalate	< 323	Nitrobenzene	< 323
Bis (2-ethylhexyl) phthalate	472	2,4-Dinitrotoluene	< 323
2-Chloronaphthalene	< 323	2,6-Dinitrotoluene	< 323
Hexachlorobenzene	< 323	Bis (2-chloroethyl) ether	< 323
Hexachloroethane	< 323	Bis (2-chloroisopropyl) ether	< 323
Hexachlorocyclopentadiene	< 323	Bis (2-chloroethoxy) methane	< 323
Hexachlorobutadiene	< 323	4-Bromophenyl phenyl ether	< 323
N-Nitroso-di-n-propylamine	< 323	4-Chlorophenyl phenyl ether	< 323
N-Nitrosodiphenylamine	< 323	Benzidine	< 808
N-Nitrosodimethylamine	< 323	3,3'-Dichlorobenzidine	< 323
Isophorone	< 323	4-Chloroaniline	< 323
Benzyl alcohol	< 808	2-Nitroaniline	< 808
Dibenzofuran	< 323	3-Nitroaniline	< 808
2-Methylnapthalene	< 323	4-Nitroaniline	< 808

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 323	2-Methylphenol	< 323
2-Chlorophenol	< 323	3&4-Methylphenol	< 323
2,4-Dichlorophenol	< 323	2,4-Dimethylphenol	< 323
2,6-Dichlorophenol	< 323	2-Nitrophenol	< 323
2,4,5-Trichlorophenol	< 808	4-Nitrophenol	< 808
2,4,6-Trichlorophenol	< 323	2,4-Dinitrophenol	< 808
Pentachlorophenol	< 808	4,6-Dinitro-2-methylphenol	< 808
4-Chloro-3-methylphenol	< 323	Benzoic acid	< 808

ELAP Number 10958 Method: EPA 8270C Data File: S54590.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: B1 0-4 FT (S-001)
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 10-5252
Lab Sample Number: 16390
Date Sampled: 12/21/2010
Date Received: 12/30/2010
Date Analyzed: 01/01/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 10.4
Bromomethane	< 10.4
Bromoform	< 25.9
Carbon Tetrachloride	< 10.4
Chloroethane	< 10.4
Chloromethane	< 10.4
2-Chloroethyl vinyl Ether	< 51.8
Chloroform	< 10.4
Dibromochloromethane	< 10.4
1,1-Dichloroethane	< 10.4
1,2-Dichloroethane	< 10.4
1,1-Dichloroethene	< 10.4
cis-1,2-Dichloroethene	< 10.4
trans-1,2-Dichloroethene	< 10.4
1,2-Dichloropropane	< 10.4
cis-1,3-Dichloropropene	< 10.4
trans-1,3-Dichloropropene	< 10.4
Methylene chloride	< 25.9
1,1,2,2-Tetrachloroethane	< 10.4
Tetrachloroethene	< 10.4
1,1,1-Trichloroethane	< 10.4
1,1,2-Trichloroethane	< 10.4
Trichloroethene	< 10.4
Trichlorofluoromethane	< 10.4
Vinyl chloride	< 10.4

Aromatics	Results in ug / Kg
Benzene	< 10.4
Chlorobenzene	< 10.4
Ethylbenzene	< 10.4
Toluene	< 10.4
m,p-Xylene	< 10.4
o-Xylene	< 10.4
Styrene	< 25.9
1,2-Dichlorobenzene	< 10.4
1,3-Dichlorobenzene	< 10.4
1,4-Dichlorobenzene	< 10.4

Ketones	Results in ug / Kg
Acetone	< 51.8
2-Butanone	< 51.8
2-Hexanone	< 25.9
4-Methyl-2-pentanone	< 25.9

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 10.4
Vinyl acetate	< 25.9

ELAP Number 10958 Method: EPA 8260B Data File: V81470.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
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Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: B-1 8-12 FT (S-002)
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 10-5252
Lab Sample Number: 16391

Date Sampled: 12/21/2010
Date Received: 12/30/2010
Date Analyzed: 01/01/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 5.18
Bromomethane	< 5.18
Bromoform	< 13.0
Carbon Tetrachloride	< 5.18
Chloroethane	< 5.18
Chloromethane	< 5.18
2-Chloroethyl vinyl Ether	< 25.9
Chloroform	< 5.18
Dibromochloromethane	< 5.18
1,1-Dichloroethane	< 5.18
1,2-Dichloroethane	< 5.18
1,1-Dichloroethene	< 5.18
cis-1,2-Dichloroethene	< 5.18
trans-1,2-Dichloroethene	< 5.18
1,2-Dichloropropane	< 5.18
cis-1,3-Dichloropropene	< 5.18
trans-1,3-Dichloropropene	< 5.18
Methylene chloride	< 13.0
1,1,2,2-Tetrachloroethane	< 5.18
Tetrachloroethene	< 5.18
1,1,1-Trichloroethane	< 5.18
1,1,2-Trichloroethane	< 5.18
Trichloroethene	< 5.18
Trichlorofluoromethane	< 5.18
Vinyl chloride	< 5.18

Aromatics	Results in ug / Kg
Benzene	< 5.18
Chlorobenzene	< 5.18
Ethylbenzene	< 5.18
Toluene	< 5.18
m,p-Xylene	< 5.18
o-Xylene	< 5.18
Styrene	< 13.0
1,2-Dichlorobenzene	< 5.18
1,3-Dichlorobenzene	< 5.18
1,4-Dichlorobenzene	< 5.18

Ketones	Results in ug / Kg
Acetone	< 25.9
2-Butanone	< 25.9
2-Hexanone	< 13.0
4-Methyl-2-pentanone	< 13.0

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 5.18
Vinyl acetate	< 13.0

ELAP Number 10958 Method: EPA 8260B Data File: V81471.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: B-2 0-4 FT (S-003)
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 10-5252
Lab Sample Number: 16392
Date Sampled: 12/21/2010
Date Received: 12/30/2010
Date Analyzed: 01/01/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 5.48
Bromomethane	< 5.48
Bromoform	< 13.7
Carbon Tetrachloride	< 5.48
Chloroethane	< 5.48
Chloromethane	< 5.48
2-Chloroethyl vinyl Ether	< 27.4
Chloroform	< 5.48
Dibromochloromethane	< 5.48
1,1-Dichloroethane	< 5.48
1,2-Dichloroethane	< 5.48
1,1-Dichloroethene	< 5.48
cis-1,2-Dichloroethene	< 5.48
trans-1,2-Dichloroethene	< 5.48
1,2-Dichloropropane	< 5.48
cis-1,3-Dichloropropene	< 5.48
trans-1,3-Dichloropropene	< 5.48
Methylene chloride	< 13.7
1,1,2,2-Tetrachloroethane	< 5.48
Tetrachloroethene	< 5.48
1,1,1-Trichloroethane	< 5.48
1,1,2-Trichloroethane	< 5.48
Trichloroethene	< 5.48
Trichlorofluoromethane	< 5.48
Vinyl chloride	< 5.48

Aromatics	Results in ug / Kg
Benzene	< 5.48
Chlorobenzene	< 5.48
Ethylbenzene	< 5.48
Toluene	< 5.48
m,p-Xylene	< 5.48
o-Xylene	< 5.48
Styrene	< 13.7
1,2-Dichlorobenzene	< 5.48
1,3-Dichlorobenzene	< 5.48
1,4-Dichlorobenzene	< 5.48

Ketones	Results in ug / Kg
Acetone	< 27.4
2-Butanone	< 27.4
2-Hexanone	< 13.7
4-Methyl-2-pentanone	< 13.7

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 5.48
Vinyl acetate	< 13.7

ELAP Number 10958 Method: EPA 8260B Data File: V81472.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: B-2 8-12 FT (S-004)
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 10-5252
Lab Sample Number: 16393
Date Sampled: 12/21/2010
Date Received: 12/30/2010
Date Analyzed: 01/01/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 7.64
Bromomethane	< 7.64
Bromoform	< 19.1
Carbon Tetrachloride	< 7.64
Chloroethane	< 7.64
Chloromethane	< 7.64
2-Chloroethyl vinyl Ether	< 38.2
Chloroform	< 7.64
Dibromochloromethane	< 7.64
1,1-Dichloroethane	< 7.64
1,2-Dichloroethane	< 7.64
1,1-Dichloroethene	< 7.64
cis-1,2-Dichloroethene	< 7.64
trans-1,2-Dichloroethene	< 7.64
1,2-Dichloropropane	< 7.64
cis-1,3-Dichloropropene	< 7.64
trans-1,3-Dichloropropene	< 7.64
Methylene chloride	< 19.1
1,1,2,2-Tetrachloroethane	< 7.64
Tetrachloroethene	< 7.64
1,1,1-Trichloroethane	< 7.64
1,1,2-Trichloroethane	< 7.64
Trichloroethene	< 7.64
Trichlorofluoromethane	< 7.64
Vinyl chloride	< 7.64

Aromatics	Results in ug / Kg
Benzene	< 7.64
Chlorobenzene	< 7.64
Ethylbenzene	< 7.64
Toluene	< 7.64
m,p-Xylene	< 7.64
o-Xylene	< 7.64
Styrene	< 19.1
1,2-Dichlorobenzene	< 7.64
1,3-Dichlorobenzene	< 7.64
1,4-Dichlorobenzene	< 7.64

Ketones	Results in ug / Kg
Acetone	< 38.2
2-Butanone	< 38.2
2-Hexanone	< 19.1
4-Methyl-2-pentanone	< 19.1

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 7.64
Vinyl acetate	< 19.1

ELAP Number 10958 Method: EPA 8260B Data File: V81473.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: B-3 0-4 (S-005)
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 10-5252
Lab Sample Number: 16394
Date Sampled: 12/22/2010
Date Received: 12/30/2010
Date Analyzed: 01/01/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 7.39
Bromomethane	< 7.39
Bromoform	< 18.5
Carbon Tetrachloride	< 7.39
Chloroethane	< 7.39
Chloromethane	< 7.39
2-Chloroethyl vinyl Ether	< 37.0
Chloroform	< 7.39
Dibromochloromethane	< 7.39
1,1-Dichloroethane	< 7.39
1,2-Dichloroethane	< 7.39
1,1-Dichloroethene	< 7.39
cis-1,2-Dichloroethene	< 7.39
trans-1,2-Dichloroethene	< 7.39
1,2-Dichloropropane	< 7.39
cis-1,3-Dichloropropene	< 7.39
trans-1,3-Dichloropropene	< 7.39
Methylene chloride	< 18.5
1,1,2,2-Tetrachloroethane	< 7.39
Tetrachloroethene	< 7.39
1,1,1-Trichloroethane	< 7.39
1,1,2-Trichloroethane	< 7.39
Trichloroethene	< 7.39
Trichlorofluoromethane	< 7.39
Vinyl chloride	< 7.39

Aromatics	Results in ug / Kg
Benzene	< 7.39
Chlorobenzene	< 7.39
Ethylbenzene	< 7.39
Toluene	< 7.39
m,p-Xylene	< 7.39
o-Xylene	< 7.39
Styrene	< 18.5
1,2-Dichlorobenzene	< 7.39
1,3-Dichlorobenzene	< 7.39
1,4-Dichlorobenzene	< 7.39

Ketones	Results in ug / Kg
Acetone	< 37.0
2-Butanone	< 37.0
2-Hexanone	< 18.5
4-Methyl-2-pentanone	< 18.5

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 7.39
Vinyl acetate	< 18.5

ELAP Number 10958 Method: EPA 8260B Data File: V81474.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: B-3 6-10 (S-006)
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 10-5252
Lab Sample Number: 16395
Date Sampled: 12/22/2010
Date Received: 12/30/2010
Date Analyzed: 01/01/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 7.41
Bromomethane	< 7.41
Bromoform	< 18.5
Carbon Tetrachloride	< 7.41
Chloroethane	< 7.41
Chloromethane	< 7.41
2-Chloroethyl vinyl Ether	< 37.0
Chloroform	< 7.41
Dibromochloromethane	< 7.41
1,1-Dichloroethane	< 7.41
1,2-Dichloroethane	< 7.41
1,1-Dichloroethene	< 7.41
cis-1,2-Dichloroethene	< 7.41
trans-1,2-Dichloroethene	< 7.41
1,2-Dichloropropane	< 7.41
cis-1,3-Dichloropropene	< 7.41
trans-1,3-Dichloropropene	< 7.41
Methylene chloride	< 18.5
1,1,2,2-Tetrachloroethane	< 7.41
Tetrachloroethene	< 7.41
1,1,1-Trichloroethane	< 7.41
1,1,2-Trichloroethane	< 7.41
Trichloroethene	< 7.41
Trichlorofluoromethane	< 7.41
Vinyl chloride	< 7.41

Aromatics	Results in ug / Kg
Benzene	< 7.41
Chlorobenzene	< 7.41
Ethylbenzene	< 7.41
Toluene	< 7.41
m,p-Xylene	< 7.41
o-Xylene	< 7.41
Styrene	< 18.5
1,2-Dichlorobenzene	< 7.41
1,3-Dichlorobenzene	< 7.41
1,4-Dichlorobenzene	< 7.41

Ketones	Results in ug / Kg
Acetone	< 37.0
2-Butanone	< 37.0
2-Hexanone	< 18.5
4-Methyl-2-pentanone	< 18.5

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 7.41
Vinyl acetate	< 18.5

ELAP Number 10958 Method: EPA 8260B Data File: V81475.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: B-4 0-4 (S-007)
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 10-5252
Lab Sample Number: 16396

Date Sampled: 12/22/2010
Date Received: 12/30/2010
Date Analyzed: 01/01/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 4.58
Bromomethane	< 4.58
Bromoform	< 11.4
Carbon Tetrachloride	< 4.58
Chloroethane	< 4.58
Chloromethane	< 4.58
2-Chloroethyl vinyl Ether	< 22.9
Chloroform	< 4.58
Dibromochloromethane	< 4.58
1,1-Dichloroethane	< 4.58
1,2-Dichloroethane	< 4.58
1,1-Dichloroethene	< 4.58
cis-1,2-Dichloroethene	< 4.58
trans-1,2-Dichloroethene	< 4.58
1,2-Dichloropropane	< 4.58
cis-1,3-Dichloropropene	< 4.58
trans-1,3-Dichloropropene	< 4.58
Methylene chloride	< 11.4
1,1,2,2-Tetrachloroethane	< 4.58
Tetrachloroethene	< 4.58
1,1,1-Trichloroethane	< 4.58
1,1,2-Trichloroethane	< 4.58
Trichloroethene	< 4.58
Trichlorofluoromethane	< 4.58
Vinyl chloride	< 4.58

Aromatics	Results in ug / Kg
Benzene	< 4.58
Chlorobenzene	< 4.58
Ethylbenzene	< 4.58
Toluene	< 4.58
m,p-Xylene	< 4.58
o-Xylene	< 4.58
Styrene	< 11.4
1,2-Dichlorobenzene	< 4.58
1,3-Dichlorobenzene	< 4.58
1,4-Dichlorobenzene	< 4.58

Ketones	Results in ug / Kg
Acetone	< 22.9
2-Butanone	< 22.9
2-Hexanone	< 11.4
4-Methyl-2-pentanone	< 11.4

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 4.58
Vinyl acetate	< 11.4

ELAP Number 10958 Method: EPA 8260B Data File: V81476.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: B-4 8-12 (S-008)
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 10-5252
Lab Sample Number: 16397

Date Sampled: 12/22/2010
Date Received: 12/30/2010
Date Analyzed: 01/01/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 6.53
Bromomethane	< 6.53
Bromoform	< 16.3
Carbon Tetrachloride	< 6.53
Chloroethane	< 6.53
Chloromethane	< 6.53
2-Chloroethyl vinyl Ether	< 32.6
Chloroform	< 6.53
Dibromochloromethane	< 6.53
1,1-Dichloroethane	< 6.53
1,2-Dichloroethane	< 6.53
1,1-Dichloroethene	< 6.53
cis-1,2-Dichloroethene	< 6.53
trans-1,2-Dichloroethene	< 6.53
1,2-Dichloropropane	< 6.53
cis-1,3-Dichloropropene	< 6.53
trans-1,3-Dichloropropene	< 6.53
Methylene chloride	< 16.3
1,1,2,2-Tetrachloroethane	< 6.53
Tetrachloroethene	< 6.53
1,1,1-Trichloroethane	< 6.53
1,1,2-Trichloroethane	< 6.53
Trichloroethene	< 6.53
Trichlorofluoromethane	< 6.53
Vinyl chloride	< 6.53

Aromatics	Results in ug / Kg
Benzene	< 6.53
Chlorobenzene	< 6.53
Ethylbenzene	< 6.53
Toluene	< 6.53
m,p-Xylene	< 6.53
o-Xylene	< 6.53
Styrene	< 16.3
1,2-Dichlorobenzene	< 6.53
1,3-Dichlorobenzene	< 6.53
1,4-Dichlorobenzene	< 6.53

Ketones	Results in ug / Kg
Acetone	< 32.6
2-Butanone	< 32.6
2-Hexanone	< 16.3
4-Methyl-2-pentanone	< 16.3

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 6.53
Vinyl acetate	< 16.3

ELAP Number 10958 Method: EPA 8260B Data File: V81477.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: B-5 0-4 (S-009)
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 10-5252
Lab Sample Number: 16398

Date Sampled: 12/21/2010
Date Received: 12/30/2010
Date Analyzed: 01/04/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 48.7
Bromomethane	< 48.7
Bromoform	< 122
Carbon Tetrachloride	< 48.7
Chloroethane	< 48.7
Chloromethane	< 48.7
2-Chloroethyl vinyl Ether	< 244
Chloroform	< 48.7
Dibromochloromethane	< 48.7
1,1-Dichloroethane	< 48.7
1,2-Dichloroethane	< 48.7
1,1-Dichloroethene	< 48.7
cis-1,2-Dichloroethene	< 48.7
trans-1,2-Dichloroethene	< 48.7
1,2-Dichloropropane	< 48.7
cis-1,3-Dichloropropene	< 48.7
trans-1,3-Dichloropropene	< 48.7
Methylene chloride	< 122
1,1,2,2-Tetrachloroethane	< 48.7
Tetrachloroethene	< 48.7
1,1,1-Trichloroethane	< 48.7
1,1,2-Trichloroethane	< 48.7
Trichloroethene	1,110
Trichlorofluoromethane	< 48.7
Vinyl chloride	< 48.7

Aromatics	Results in ug / Kg
Benzene	< 48.7
Chlorobenzene	< 48.7
Ethylbenzene	< 48.7
Toluene	< 48.7
m,p-Xylene	< 48.7
o-Xylene	< 48.7
Styrene	< 122
1,2-Dichlorobenzene	< 48.7
1,3-Dichlorobenzene	< 48.7
1,4-Dichlorobenzene	< 48.7

Ketones	Results in ug / Kg
Acetone	< 244
2-Butanone	< 244
2-Hexanone	< 122
4-Methyl-2-pentanone	< 122

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 48.7
Vinyl acetate	< 122

ELAP Number 10958 Method: EPA 8260B Data File: V81531.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: B-5 6-10 (S-010)
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 10-5252
Lab Sample Number: 16399

Date Sampled: 12/21/2010
Date Received: 12/30/2010
Date Analyzed: 01/01/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 7.92
Bromomethane	< 7.92
Bromoform	< 19.8
Carbon Tetrachloride	< 7.92
Chloroethane	< 7.92
Chloromethane	< 7.92
2-Chloroethyl vinyl Ether	< 39.6
Chloroform	< 7.92
Dibromochloromethane	< 7.92
1,1-Dichloroethane	< 7.92
1,2-Dichloroethane	< 7.92
1,1-Dichloroethene	< 7.92
cis-1,2-Dichloroethene	< 7.92
trans-1,2-Dichloroethene	< 7.92
1,2-Dichloropropane	< 7.92
cis-1,3-Dichloropropene	< 7.92
trans-1,3-Dichloropropene	< 7.92
Methylene chloride	< 19.8
1,1,2,2-Tetrachloroethane	< 7.92
Tetrachloroethene	< 7.92
1,1,1-Trichloroethane	< 7.92
1,1,2-Trichloroethane	< 7.92
Trichloroethene	< 7.92
Trichlorofluoromethane	< 7.92
Vinyl chloride	< 7.92

Aromatics	Results in ug / Kg
Benzene	< 7.92
Chlorobenzene	< 7.92
Ethylbenzene	< 7.92
Toluene	< 7.92
m,p-Xylene	< 7.92
o-Xylene	< 7.92
Styrene	< 19.8
1,2-Dichlorobenzene	< 7.92
1,3-Dichlorobenzene	< 7.92
1,4-Dichlorobenzene	< 7.92

Ketones	Results in ug / Kg
Acetone	< 39.6
2-Butanone	< 39.6
2-Hexanone	< 19.8
4-Methyl-2-pentanone	< 19.8

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 7.92
Vinyl acetate	< 19.8

ELAP Number 10958 Method: EPA 8260B Data File: V81479.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: B-6 0-4 (S011)
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 10-5252
Lab Sample Number: 16400

Date Sampled: 12/21/2010
Date Received: 12/30/2010
Date Analyzed: 01/01/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 7.55
Bromomethane	< 7.55
Bromoform	< 18.9
Carbon Tetrachloride	< 7.55
Chloroethane	< 7.55
Chloromethane	< 7.55
2-Chloroethyl vinyl Ether	< 37.7
Chloroform	< 7.55
Dibromochloromethane	< 7.55
1,1-Dichloroethane	< 7.55
1,2-Dichloroethane	< 7.55
1,1-Dichloroethene	< 7.55
cis-1,2-Dichloroethene	< 7.55
trans-1,2-Dichloroethene	< 7.55
1,2-Dichloropropane	< 7.55
cis-1,3-Dichloropropene	< 7.55
trans-1,3-Dichloropropene	< 7.55
Methylene chloride	< 18.9
1,1,2,2-Tetrachloroethane	< 7.55
Tetrachloroethene	43.4
1,1,1-Trichloroethane	< 7.55
1,1,2-Trichloroethane	< 7.55
Trichloroethene	12.3
Trichlorofluoromethane	< 7.55
Vinyl chloride	< 7.55

Aromatics	Results in ug / Kg
Benzene	< 7.55
Chlorobenzene	< 7.55
Ethylbenzene	< 7.55
Toluene	< 7.55
m,p-Xylene	< 7.55
o-Xylene	< 7.55
Styrene	< 18.9
1,2-Dichlorobenzene	< 7.55
1,3-Dichlorobenzene	< 7.55
1,4-Dichlorobenzene	< 7.55

Ketones	Results in ug / Kg
Acetone	< 37.7
2-Butanone	< 37.7
2-Hexanone	< 18.9
4-Methyl-2-pentanone	< 18.9

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 7.55
Vinyl acetate	< 18.9

ELAP Number 10958 Method: EPA 8260B Data File: V81480.D

Comments: ug / Kg = microgram per Kilogram
Surrogate outliers indicate probable matrix interference

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: B-6 10-14 (S012)
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 10-5252
Lab Sample Number: 16401

Date Sampled: 12/21/2010
Date Received: 12/30/2010
Date Analyzed: 01/01/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 8.50
Bromomethane	< 8.50
Bromoform	< 21.3
Carbon Tetrachloride	< 8.50
Chloroethane	< 8.50
Chloromethane	< 8.50
2-Chloroethyl vinyl Ether	< 42.5
Chloroform	< 8.50
Dibromochloromethane	< 8.50
1,1-Dichloroethane	< 8.50
1,2-Dichloroethane	< 8.50
1,1-Dichloroethene	< 8.50
cis-1,2-Dichloroethene	< 8.50
trans-1,2-Dichloroethene	< 8.50
1,2-Dichloropropane	< 8.50
cis-1,3-Dichloropropene	< 8.50
trans-1,3-Dichloropropene	< 8.50
Methylene chloride	< 21.3
1,1,2,2-Tetrachloroethane	< 8.50
Tetrachloroethene	< 8.50
1,1,1-Trichloroethane	< 8.50
1,1,2-Trichloroethane	< 8.50
Trichloroethene	< 8.50
Trichlorofluoromethane	< 8.50
Vinyl chloride	< 8.50

Aromatics	Results in ug / Kg
Benzene	< 8.50
Chlorobenzene	< 8.50
Ethylbenzene	< 8.50
Toluene	< 8.50
m,p-Xylene	< 8.50
o-Xylene	< 8.50
Styrene	< 21.3
1,2-Dichlorobenzene	< 8.50
1,3-Dichlorobenzene	< 8.50
1,4-Dichlorobenzene	< 8.50

Ketones	Results in ug / Kg
Acetone	< 42.5
2-Butanone	< 42.5
2-Hexanone	< 21.3
4-Methyl-2-pentanone	< 21.3

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 8.50
Vinyl acetate	< 21.3

ELAP Number 10958 Method: EPA 8260B Data File: V81481.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: B-7 (S013)
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 10-5252
Lab Sample Number: 16402
Date Sampled: 12/23/2010
Date Received: 12/30/2010
Date Analyzed: 01/04/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 5.87
Bromomethane	< 5.87
Bromoform	< 14.7
Carbon Tetrachloride	< 5.87
Chloroethane	< 5.87
Chloromethane	< 5.87
2-Chloroethyl vinyl Ether	< 29.4
Chloroform	< 5.87
Dibromochloromethane	< 5.87
1,1-Dichloroethane	< 5.87
1,2-Dichloroethane	< 5.87
1,1-Dichloroethene	< 5.87
cis-1,2-Dichloroethene	< 5.87
trans-1,2-Dichloroethene	< 5.87
1,2-Dichloropropane	< 5.87
cis-1,3-Dichloropropene	< 5.87
trans-1,3-Dichloropropene	< 5.87
Methylene chloride	< 14.7
1,1,2,2-Tetrachloroethane	< 5.87
Tetrachloroethene	24.4
1,1,1-Trichloroethane	< 5.87
1,1,2-Trichloroethane	< 5.87
Trichloroethene	6.08
Trichlorofluoromethane	< 5.87
Vinyl chloride	< 5.87

Aromatics	Results in ug / Kg
Benzene	< 5.87
Chlorobenzene	< 5.87
Ethylbenzene	< 5.87
Toluene	< 5.87
m,p-Xylene	< 5.87
o-Xylene	< 5.87
Styrene	< 14.7
1,2-Dichlorobenzene	< 5.87
1,3-Dichlorobenzene	< 5.87
1,4-Dichlorobenzene	< 5.87

Ketones	Results in ug / Kg
Acetone	< 29.4
2-Butanone	< 29.4
2-Hexanone	< 14.7
4-Methyl-2-pentanone	< 14.7

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 5.87
Vinyl acetate	< 14.7

ELAP Number 10958 Method: EPA 8260B Data File: V81528.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: B-8 (S014)
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 10-5252
Lab Sample Number: 16403
Date Sampled: 12/23/2010
Date Received: 12/30/2010
Date Analyzed: 01/04/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 4.57
Bromomethane	< 4.57
Bromoform	< 11.4
Carbon Tetrachloride	< 4.57
Chloroethane	< 4.57
Chloromethane	< 4.57
2-Chloroethyl vinyl Ether	< 22.8
Chloroform	< 4.57
Dibromochloromethane	< 4.57
1,1-Dichloroethane	< 4.57
1,2-Dichloroethane	< 4.57
1,1-Dichloroethene	< 4.57
cis-1,2-Dichloroethene	10.9
trans-1,2-Dichloroethene	< 4.57
1,2-Dichloropropane	< 4.57
cis-1,3-Dichloropropene	< 4.57
trans-1,3-Dichloropropene	< 4.57
Methylene chloride	< 11.4
1,1,2,2-Tetrachloroethane	< 4.57
Tetrachloroethene	< 4.57
1,1,1-Trichloroethane	< 4.57
1,1,2-Trichloroethane	< 4.57
Trichloroethene	11.0
Trichlorofluoromethane	< 4.57
Vinyl chloride	< 4.57

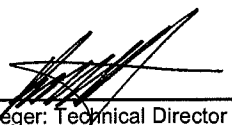
Aromatics	Results in ug / Kg
Benzene	< 4.57
Chlorobenzene	< 4.57
Ethylbenzene	< 4.57
Toluene	< 4.57
m,p-Xylene	< 4.57
o-Xylene	< 4.57
Styrene	< 11.4
1,2-Dichlorobenzene	< 4.57
1,3-Dichlorobenzene	< 4.57
1,4-Dichlorobenzene	< 4.57

Ketones	Results in ug / Kg
Acetone	< 22.8
2-Butanone	< 22.8
2-Hexanone	< 11.4
4-Methyl-2-pentanone	< 11.4

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 4.57
Vinyl acetate	< 11.4

ELAP Number 10958 Method: EPA 8260B Data File: V81529.D

Comments: ug / Kg = microgram per Kilogram

Signature: 

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: B-9 (S015)
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 10-5252
Lab Sample Number: 16404
Date Sampled: 12/23/2010
Date Received: 12/30/2010
Date Analyzed: 01/04/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 7.34
Bromomethane	< 7.34
Bromoform	< 18.3
Carbon Tetrachloride	< 7.34
Chloroethane	< 7.34
Chloromethane	< 7.34
2-Chloroethyl vinyl Ether	< 36.7
Chloroform	< 7.34
Dibromochloromethane	< 7.34
1,1-Dichloroethane	< 7.34
1,2-Dichloroethane	< 7.34
1,1-Dichloroethene	< 7.34
cis-1,2-Dichloroethene	< 7.34
trans-1,2-Dichloroethene	< 7.34
1,2-Dichloropropane	< 7.34
cis-1,3-Dichloropropene	< 7.34
trans-1,3-Dichloropropene	< 7.34
Methylene chloride	< 18.3
1,1,2,2-Tetrachloroethane	< 7.34
Tetrachloroethene	22.2
1,1,1-Trichloroethane	< 7.34
1,1,2-Trichloroethane	< 7.34
Trichloroethene	< 7.34
Trichlorofluoromethane	< 7.34
Vinyl chloride	< 7.34

Aromatics	Results in ug / Kg
Benzene	< 7.34
Chlorobenzene	< 7.34
Ethylbenzene	< 7.34
Toluene	< 7.34
m,p-Xylene	< 7.34
o-Xylene	< 7.34
Styrene	< 18.3
1,2-Dichlorobenzene	< 7.34
1,3-Dichlorobenzene	< 7.34
1,4-Dichlorobenzene	< 7.34

Ketones	Results in ug / Kg
Acetone	< 36.7
2-Butanone	< 36.7
2-Hexanone	< 18.3
4-Methyl-2-pentanone	< 18.3

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 7.34
Vinyl acetate	< 18.3

ELAP Number 10958 Method: EPA 8260B Data File: V81530.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: DECT	COMPANY: SAME	LAB PROJECT #: 10-5252 / CLIENT PROJECT #:
ADDRESS: 3178 DURHAM RD	ADDRESS:	
CITY: HAMBURG STATE: NY ZIP: 14075	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)
PHONE: 716-639-5958 FAX:	PHONE: FAX:	STD [X] 5 / OTHER [ ]
PROJECT NAME/SITE NAME: 33 Litchfield	ATTN:	ATTN: [ ] 1 [ ] 2 [ ] 3
	COMMENTS:	

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	2200928	2200928 TCLP	6010 TAL	8081	8151	8082	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	12/21/10		✓		B1 0-4ft (S-001)	Soil	2	✓	✓	✓	✓	✓	✓		16390
2	"		✓		B1 8-12ft (S-002)	"	2	✓	✓	✓					16391
3	"		✓		B2 0-4ft (S-003)	"	2	✓	✓	✓	✓	✓	✓		16392
4	"		✓		B2 8-12ft (S-004)	"	2	✓	✓	✓					16393
5	12/22/10		✓		B3 0-4 (S-005)	"	2	✓	✓	✓	✓	✓	✓		16394
6	"		✓		B-3 6-10 (S-006)	"	2	✓	✓	✓					16395
7	"		✓		B-4 0-4 (S-007)	"	2	✓	✓	✓	✓	✓	✓		16396
8	"		✓		B-4 8-12 (S-008)	"	2	✓	✓	✓					16397
9	12/21/10		✓		B-5 0-4 (S-009)	"	2	✓	✓	✓	✓	✓	✓		16398
10	12/21/10		✓		B-5 6-10 (S-010)	"	2	✓	✓	✓					16399

****LAB USE ONLY****

SAMPLE CONDITION: Check box if acceptable or note deviation:	CONTAINER TYPE: [X]	PRESERVATIONS: [ ] NA	HOLDING TIME: [X]	TEMPERATURE: [ ] 7°C iced

Sampled By:	Date/Time: 12/21-23/10	Relinquished By:	Date/Time:	Total Cost:
Relinquished By:	Date/Time: 12/30/10	Received By:	Date/Time:	
Received By:	Date/Time: 12/30/10	Received @ Lab By: ngendorf	Date/Time: 12/30/10 1445	P.I.F.

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:	
COMPANY:	DECT	COMPANY:	
ADDRESS:	3178 DURHAM RD	ADDRESS:	
CITY:	HAMBURG STATE: NY ZIP: 14075	CITY: STATE: ZIP:	
PHONE:	716639-5958 FAX:	PHONE: FAX:	
ATTN:		ATTN:	

LAB PROJECT #: 10-5252
CLIENT PROJECT #:
TURNAROUND TIME: (WORKING DAYS) ☐ 1 ☐ 2 ☐ 3 ☒ STD 5 ☐ OTHER

PROJECT NAME/SITE NAME: 33 LITTLEFIELD

COMMENTS:

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260 TCL	8270 TCL	6010 TAL	8081	8151	8082	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	12/21/10		✓		B-6 0-4 (S011)	SOIL	2	✓	✓	✓	✓	✓	✓		10400
2	12/21/10		✓		B-6 10-14 (S012)	"	2	✓	✓	✓					10401
3															
4	12/21/10		✓		B-7 (S013)	"	1	✓	✓	✓					10402
5	"		✓		B-8 (S014)	"	1	✓	✓	✓					10403
6	"		✓		B-9 (S015)	"	1	✓	✓	✓					10404
7															
8															
9															
10															

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation:
CONTAINER TYPE: ☒ PRESERVATIONS: ☐ NA HOLDING TIME: ☒ TEMPERATURE: ☐ 7°C iced

Sampled By:	Date/Time: 12/21-23/2010	Relinquished By:	Date/Time:
Relinquished By:	Date/Time: 12/30/2010	Received By:	Date/Time:
Received By:	Date/Time: 12/30/2010	Received @ Lab By: hgandner	Date/Time: 12/30/10 1445

Total Cost:

P.I.F.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY 11010400 7 Adk 1 of 1

PARADIGM

REPORT TO:		INVOICE TO:			
COMPANY:	Paradigm Environmental	COMPANY:	Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS:		ADDRESS:			
CITY: STATE: ZIP:		CITY: STATE. ZIP:		TURNAROUND TIME: (WORKING DAYS)	
PHONE: FAX:		PHONE: FAX:		STD	OTHER
PROJECT NAME/SITE NAME:		ATTN: Jane Daloia	ATTN: Meridith Dillman	☐ 1 ☐ 2 ☐ 3 ☒ 5	☐
		COMMENTS: Please email results to khansen@paradigmenv.com and jdaloia@paradigmenv.com		Date Due: 1/11/11	

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8151 Herb	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	12/21				10-5252-16390	Soil	1	X	HT expires 1/4/11	001
2					16392			X	for all. OK per	002
3					16394			X	C. Hess as per V. Miller	003
4					16396			X	to set up before	004
5					16398			X	expiration.	005
6					16400			X		006
7										
8										
9										
10										

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☐	N ☐
Comments:		
Preservation:	Y ☐	N ☐
Comments:		
Holding Time:	Y ☐	N ☐
Comments:		
Temperature: 6° –	Y ☐	N ☐
Comments:		

Client

Sampled By: Elizabeth A. Honch — Date/Time: ~~12~~ 1/3/11 1600 cc EAH 1/3

Relinquished By: — Date/Time:

Received By: — Date/Time:

Received @ Lab By: — Date/Time: 1-4-11 8:14

Total Cost:

P.I.F.

Appendix D

Boring Logs

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10 HOLE NO. Bore Hole 1-10 SURF. ELEVATION _

PROJECT 33 Litchfield St.-Geotech & Environmental Concerns LOCATION _

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants DATE STARTED 12/21/10 COMPLETED 12/21/10

DEPTH IN FT	SN REC	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION
	1	3						Gray asphalt pavement. 0.1
	17		6			11		Extremely moist dark gray mostly ash, cinder, slag and brick fragment fill.
				5				
					6			
	2	3						
	8		4			7		3.3
				3				Mostly ash fill.
					3			4.0
	3	2						Extremely moist dark brown (SANDY-SILT) topsoil fill with little sand and organic matter, very loose, massive soil structure, (ML).
5	16		2			5		
				3				
					4			4.4
	4	2						Extremely moist faintly mottled light orangish brown (SANDY-SILT) with 3 to 7% gravel, some mostly very fine size sand, loose, weakly thinly bedded, (ML).
	18		4			10		
				6				clear transition to 7.0
					11			
	5	10						Extremely moist to wet brown (SILTY-SAND) with 5 to 10% gravel, mostly very fine to fine size sand, some silt, compact, weakly thinly bedded, (SM).
	21		12			28		
				16				10.2
10					23			Wet to extremely moist brown (SILTY-SAND) with 5 to 15% gravel, some silt, very dense with brittle consistence, massive soil structure, (SM).
	6	100/5						
	5							10.4
								Boring completed at 10.4 feet.
15								
20								

WATER TABLE AND REMARKS

Asphalt pavement to 0.1 feet over mostly ash, cinders, slag and brick fragment fill to 3.3 feet over mostly ash fill to 4.0 feet over coarse silty topsoil fill with little sand and organic matter to 4.4 feet over coarse silty slack water sediment with some sand to 7.0 feet over water sorted and deposited sand with some silt to 10.2 feet over loamy glacial till to end of boring.

No water at completion.

HEAD SPACE PID READINGS (PPM)
12/21/10

Sample #	Background	PID-PPM
1	0.0	0.0
2	0.0	0.0
3	0.0	0.0
4	0.0	0.0
5	0.0	0.0
6	0.0	0.0

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw) SHEET 1 OF 1

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10 HOLE NO. Bore Hole 2-10 SURF. ELEVATION —

PROJECT 33 Litchfield St.-Geotech & Environmental Concerns LOCATION —

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants DATE STARTED 12/21/10 COMPLETED 12/21/10

DEPTH IN FT	SN REC	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WATER TABLE AND REMARKS
	1	5						Extremely moist dark brown (SANDY-SILT) topsoil fill with 5 to 10% gravel, little sand and organic matter, loose, massive soil structure, (ML). 0.2	Coarse silty topsoil fill with little sand and organic matter to 0.2 feet over mostly ash fill to 0.5 feet over mostly brick fragment fill to 0.8 feet over mostly ash and cinder fill to 1.2 feet over coarse silty soil fill with little sand, trace to little gravel to 1.8 feet over coarse silty slack water sediment with little sand, trace to little gravel to 4.0 feet over water sorted and deposited sand with little silt, trace to little gravel to refusal.
	17		8			11			
				3					
					4				
	2	8						Mostly ash fill. 0.5	
	15		16			26			
				10					
					6			Mostly brick fragment fill. 0.8	
	3	5							
5	20		8			19		Mostly ash and cinder fill. 1.2	
				11					
					13			Extremely moist brown (SANDY-SILT) fill with 5 to 15% gravel, little sand, loose, massive soil structure, (ML). 1.8	
	4	10							
	20		13			29			
				16					
					18			Extremely moist faintly mottled brown (SANDY-SILT) with 5 to 15% gravel, little mostly very fine to fine size sand, compact, blocky soil structure, (ML). 4.0	
	5	17							
	18		23			40			
				17					
10					17				
	6	20						Extremely moist brown (SILTY-SAND) with 5 to 10% gravel, mostly very fine to fine size sand, little silt, compact, dense below 8.0 feet, weakly thinly bedded, (SM). 11.4	▼ Water level at 10.4 feet below ground surface at completion.
	24		33						
				100/3					
								Auger refusal at 11.4 feet.	
15									
20									

HEAD SPACE PID READINGS (PPM)
12/21/10

Sample #	Background	PID-PPM
1	0.0	0.0
2	0.0	0.0
3	0.0	0.0
4	0.0	0.0
5	0.0	0.0
6	0.0	0.0

N=NUMBER OF BLOWS TO DRIVE 2" SPOON 12" WITH 140 lb. WT. FALLING 30" PER BLOW

LOGGED BY Brian R. Bartron, Geologist. (mw) SHEET 1 OF 1

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10 HOLE NO. Bore Hole 3-10 SURF. ELEVATION _

PROJECT 33 Litchfield St.-Geotech & Environmental Concerns LOCATION _

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants DATE STARTED 12/22/10 COMPLETED 12/22/10

DEPTH IN FT	BLOWS ON SAMPLER								
	SN REC	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WATER TABLE AND REMARKS
	1	8						Gray asphalt pavement.	Asphalt pavement to 0.1 feet over coarse silty soil fill with little sand to 2.0 feet over coarse silty slack water sediment with little sand to 3.5 feet over water sorted and deposited sand with some silt to refusal.
	16		9			17		0.1	
				8				Mostly ash and cinder fill.	
					6			0.8	
	2	5						Extremely moist brown and dark brown (SANDY-SILT) fill with 0 to 3% gravel, little sand, trace organic matter, compact, massive soil structure, (ML).	
	17		7			11		2.0	
				4				Extremely moist faintly mottled brown (SANDY-SILT) with 0 to 3% gravel, little mostly very fine to fine size sand, trace clay, loose and compact, blocky soil structure, (ML).	
					5			clear transition to 3.5	
	3	4						Extremely moist to wet faintly mottled brown (SILTY-SAND) with 3 to 7% gravel, mostly very fine to fine size sand, some silt, loose, compact below 6.0 feet, weakly thinly bedded, (SM).	
5	20		5			9		8.8	
				4				Auger refusal at 8.8 feet.	
					6				
	4	6							
	18		11			29			
				18					
					21				
	5	19							
	8		100/2						
10									
15									
20									

▼ Water level at 7.9 feet below ground surface at completion.

HEAD SPACE PID READINGS (PPM)
12/22/10

Sample #	Background	PID-PPM
1	0.0	0.0
2	0.0	0.0
3	0.0	0.0
4	0.0	0.0
5	0.0	0.0

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Brian R. Bartron, Geologist. (mw) SHEET 1 OF 1

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Soil and Hydrogeologic Investigations • Wetland Delineations

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(716) 655-1717 • FAX (716) 655-2915

SL10 HOLE NO. Bore Hole 4-10 SURF. ELEVATION —

PROJECT 33 Litchfield St.-Geotech & Environmental Concerns LOCATION —

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants DATE STARTED 12/22/10 COMPLETED 12/22/10

DEPTH IN FT	SN REC	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION
	1	4						Gray asphalt pavement. 0.1
	17		4			7		Mostly ash and cinder fill. 1.5
				3				Extremely moist brown (SANDY-SILT) fill with 0 to 3% gravel, little sand, trace organic matter, loose, massive soil structure, (ML). 2.3
					3			
	2	4						
	20		6			21		
				15				
					21			
	3	10						
5	16		7			21		Extremely moist distinctly mottled brown (SANDY-SILT) with 0 to 3% gravel, little mostly very fine to fine size sand, compact, blocky soil structure, (ML). clear transition to 5.0
				14				
					16			
	4	18						
	22		16			43		
				27				
					19			
	5	16						
	24		22			46		Extremely moist brown (SILTY-SAND) with 5 to 10% gravel, occasional cobble, mostly fine size sand, some silt, compact and dense, weakly thinly bedded, (SM). grades downward to 8.0
				24				
10					21			
	6	19						
	17		26			64		Extremely moist brown (SILTY-SAND) with 5 to 10% gravel, occasional cobble, little silt, dense and very dense below 10.0 feet with brittle consistence, massive soil structure, (SM). 11.8
				33				
					100/1			
								Auger refusal at 11.8 feet.
15								
20								

WATER TABLE AND REMARKS

Asphalt pavement to 0.1 feet over mostly ash and cinder fill to 1.5 feet over coarse silty soil fill with little sand to 2.3 feet over coarse silty slack water sediment with little sand to 5.0 feet over water sorted and deposited sand with some silt, trace gravel and occasional cobble to 8.0 feet over loamy glacial till to refusal.

No water at completion.

HEAD SPACE PID READINGS (PPM)
12/22/10

Sample #	Background	PID-PPM
1	0.0	0.0
2	0.0	0.0
3	0.0	0.0
4	0.0	0.0
5	0.0	0.0
6	0.0	0.0

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

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5L10 HOLE NO. Bore Hole 5-10 SURF. ELEVATION _

PROJECT 33 Litchfield St.-Geotech & Environmental Concerns LOCATION _

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants DATE STARTED 12/22/10 COMPLETED 12/22/10

DEPTH IN FT	SN REC	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WATER TABLE AND REMARKS
	1	8				53		Gray asphalt pavement. 0.4	Asphalt pavement to 0.4 feet over mostly ash, slag and cinder fill to 2.5 feet over coarse silty soil fill with little sand, trace to little organic matter to 3.2 feet over silty slack water sediment with little sand, trace to little clay to 5.0 feet over water sorted and deposited sand with little silt, trace to little gravel to end of boring.
	10		23					Mostly ash, slag and cinder fill. 2.5	
				30					
	2	2				8		Extremely moist brown (SANDY-SILT) fill with 0 to 3% gravel, little sand, trace to little organic matter, loose, massive soil structure, (ML). 3.2	
	18		3						
				5					
					8				
	3	5							
5	21		6			12		Extremely moist faintly mottled brown (SAND-SILT-CLAY) with 0 to 3% gravel, little mostly very fine size sand, trace to little clay, stiff, blocky soil structure, (ML-CL).	
				6					
					5				
	4	8							
	18		11			18			
				7					
					6				
	5	6						clear transition to 5.0	
	24		6					Extremely moist to wet brown (SILTY-SAND) with 5 to 15% gravel, very fine to very coarse size sand, little silt, compact, weakly stratified, (SM).	
				8		14			
10					14			10.0	No water at completion.
								Boring completed at 10.0 feet.	
15									
20									

HEAD SPACE PID READINGS (PPM)
12/22/10

Sample #	Background	PID-PPM
1	0.0	0.0
2	0.0	0.0
3	0.0	0.0
4	0.0	0.0
5	0.0	0.0

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

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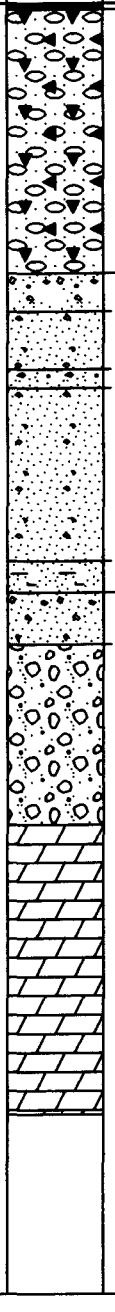
5L10 HOLE NO. Bore Hole 6-10 SURF. ELEVATION —

PROJECT 33 Litchfield St.-Geotech & Environmental Concerns LOCATION —

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants DATE STARTED 12/21/10 COMPLETED 12/21/10

DEPTH IN FT	SN REC	0/6 BLOWS ON SAMPLER	6/12	12/18	18/24	N
	1	5				
	14		4			11
				7		
					4	
	2	5				
	11		4			6
				2		
					2	
	3	2				
5	16		3			7
				4		
					3	
	4	2				
	20		2			4
				2		
					1	
	5	1				
	17		1			16
				15		
					10	
10	6	12				
	4		18			45
				27		
					40	
	7	100/5				
		Run	#1			
15						
20						



Gray asphalt pavement. 0.1

Mostly ash, slag and cinders fill. 4.2

Extremely moist faintly mottled light brown (SILTY-SAND) with 3 to 7% gravel, mostly very fine to fine size sand, little silt, loose, bocky soil structure, (SM).

clear transition to 4.8

Extremely moist faintly mottled light grayish brown (SANDY-SILT) with 0 to 3% gravel, little mostly very fine to fine size sand, loose, weak blocky soil structure to weakly thinly bedded, (ML).

clear transition to 5.7

Extremely moist brown (SILTY-SAND) with 0 to 3% gravel, some silt, loose, thinly bedded, (SM).

grades downward to 6.0

Extremely moist to wet faintly mottled brown (SANDY-SILT) with 0 to 3% gravel, some mostly very fine size sand, very loose, thinly bedded, (ML).

clear transition to 8.7

Extremely moist brown (CLAYEY-SILT) with little clay, trace sand, soft, thinly laminated, (ML-CL). 9.2

Extremely moist to wet brown (SANDY-SILT) with 5 to 10% gravel, little mostly very fine size sand, compact, weakly thinly bedded, (SM).

grades downward to 10.0

See next sheet.

WATER TABLE AND REMARKS

Asphalt pavement to 0.1 feet over mostly ash, slag and cinder fill to 4.2 feet over water sorted and deposited sand with little silt to 4.8 feet over coarse silty slack water sediment with little sand to 5.7 feet over water sorted and deposited sand with some silt to 6.0 feet over coarse silty slack water sediment with some sand to 8.7 feet over silty slack water sediment with little clay to 9.2 feet over coarse silty slack water sediment with little sand, trace gravel to 10.0 feet over water sorted and deposited sand with little to some gravel, some silt to 12.8 feet over dolostone bedrock to end of coring.

Run #	Depth (ft)	Length (ft)	Rec (ft)	Rec %	RQD %
1	12.8 to 17.3	4.5	4.5	100	63

HEAD SPACE PID READINGS (PPM)
12/21/10

Sample #	Background	PID-PPM
1	0.0	0.0
2	0.0	0.0
3	0.0	0.0
4	0.0	0.0
5	0.0	0.0
6	0.0	0.0

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Brian R. Bartron, Geologist. (mw)

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5L10 HOLE NO. Bore Hole 6-10 SURF. ELEVATION _

PROJECT 33 Litchfield St.-Geotech & Environmental Concerns LOCATION _

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants DATE STARTED 12/21/10 COMPLETED 12/21/10

DEPTH IN FT	SN	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WATER TABLE AND REMARKS
								Wet grayish brown gravelly (SILTY-SAND) with 15 to 40% gravel, very fine to very coarse size sand, some silt, dense, stratified, (SM). 12.8	
25								Gray dolostone bedrock, effervesces only when etched, medium hardness, can be easily etched with knife, moderately fractured horizontally along bedding planes, slightly porous with an occasional pit and vug. 17.3	
								Coring completed at 17.3 feet.	
30									
35									
40									

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

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5L10 HOLE NO. Hand Auger 7-10 SURF. ELEVATION _

PROJECT 33 Litchfield St.-Geotech & Environmental Concerns LOCATION _

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants DATE STARTED 12/23/10 COMPLETED 12/23/10

DEPTH IN FT	SN	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WATER TABLE AND REMARKS
								Concrete. 0.5	Concrete to 0.5 feet over mostly large gravel and cobble fill to 0.8 feet over sandy soil fill with little silt, trace gravel to 1.8 feet over coarse silty slack water sediment with little sand to refusal.
								Large gravel and cobble fill. 0.8	
								Extremely moist brown (SILTY-SAND) with 3 to 7% gravel, little silt, loose, massive soil structure, (SM). 1.8	No water at completion.
5								Extremely moist to wet brown (SANDY-SILT) with 3 to 7% gravel, little mostly very fine to fine size sand, loose, thinly bedded, (ML). 3.5	HEAD SPACE PID READINGS (PPM) 12/23/10
								Hand auger refusal at 3.5 feet.	Sample # Background PID-PPM 1 0.0 0.0 2 0.0 0.0
10									
15									
20									

N=NUMBER OF BLOWS TO DRIVE N/A " SPOON N/A " WITH N/A lb. WT. FALLING N/A " PER BLOW

LOGGED BY Brian R. Bartron, Geologist. (mw) SHEET 1 OF 1

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SL10 HOLE NO. Hand Auger 8-10 SURF. ELEVATION _

PROJECT 33 Litchfield St.-Geotech & Environmental Concerns LOCATION _

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants DATE STARTED 12/23/10 COMPLETED 12/23/10

DEPTH IN FT	SN	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WATER TABLE AND REMARKS
								Concrete. 0.4	Concrete to 0.4 feet over brick to 0.7 feet over sandy soil fill with little silt, trace gravel to 1.6 feet over coarse silty slack water sediment with little sand to 2.2 feet over water sorted and deposited sand with little silt, trace gravel to refusal.
								Brick. 0.7	
								Extremely moist brown (SILTY-SAND) fill with 5 to 10% gravel and brick fragments, little silt. 1.6	Water present under brick floor.
5								Extremely moist brown (SANDY-SILT) with 0 to 3% gravel, little mostly very fine size sand, loose, weak blocky soil structure to weakly thinly bedded, (ML). 2.2	HEAD SPACE PID READINGS (PPM) 12/23/10
								Extremely moist to wet brown (SILTY-SAND) with 3 to 7% gravel, mostly very fine to fine size sand, little silt, loose, thinly bedded, (SM). 2.9	
10								Hand auger refusal at 2.9 feet.	
15									
20									

Sample #	Background	PID-PPM
1	0.0	0.0
2	0.0	0.0
3	0.0	0.0

N=NUMBER OF BLOWS TO DRIVE N/A " SPOON N/A " WITH N/A lb. WT. FALLING N/A " PER BLOW

LOGGED BY Brian R. Bartron, Geologist. (mw) SHEET 1 OF 1

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Soil and Hydrogeologic Investigations • Wetland Delineations

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5L10 HOLE NO. Hand Auger 9-10 SURF. ELEVATION _

PROJECT 33 Litchfield St.-Geotech & Environmental Concerns LOCATION _

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants DATE STARTED 12/23/10 COMPLETED 12/23/10

DEPTH IN FT | BLOWS ON SAMPLER | SN | 0/6 | 6/12 | 12/18 | 18/24 | N | LITH | DESCRIPTION AND CLASSIFICATION | WATER TABLE AND REMARKS

Concrete. 0.3

Concrete debris fill. 0.9

Extremely moist brown and dark brown (SILTY-SAND) fill with 3 to 7% brick and concrete fragments, little silt, compact, massive soil structure, (SM). 1.5

Extremely moist brown (SILTY-SAND) with 5 to 10% gravel, little silt, loose, weakly blocky soil structure to weakly thinly bedded, (SM). 2.3

Hand auger refusal at 2.3 feet.

Concrete to 0.3 feet over concrete debris fill to 0.9 feet over sandy soil fill with little silt, trace brick fragments, gravel and concrete fragments to 1.5 feet over water sorted and deposited sand with little silt, trace gravel to refusal.

No water at completion.

HEAD SPACE PID READINGS (PPM)
12/23/10

Sample #	Background	PID-PPM
1	0.0	0.0
2	0.0	0.0
3	0.0	0.0

N=NUMBER OF BLOWS TO DRIVE N/A * SPOON N/A * WITH N/A lb. WT. FALLING N/A * PER BLOW

LOGGED BY Brian R. Bartron, Geologist. (mw) SHEET 1 OF 1

Phase II

Site Qualification Investigation

Carriage Factory Special Needs Apartments

33 Litchfield Street
Rochester, NY 14608

Prepared for:

The DePaul Group, Inc.

1931 Buffalo Road
Rochester, NY 14624

Prepared by:

Development and Environmental Consultants, Inc.

3178 Durham Road
Hamburg, NY 14075

June, 2011
Revised: November, 2011

1.0 Executive Summary

Development & Environmental Consultants, Inc. (DECI) conducted a Qualification Subsurface site investigation, and Sub-Slab Vapor Intrusion Study of the site known as 33 Litchfield Street, located in the City of Rochester, County of Monroe and State of New York. This investigation and report has been commissioned by The DePaul Group, Inc. to determine if potential Recognized Environmental Conditions (REC's) identified in the Limited Subsurface Investigation conducted in December of 2010 presented further potential impacts associated with petroleum as well as pesticide exposures in the yard area, and assess the potential for Vapor Intrusion as a result of trace compounds determined in through slab borings completed in the December investigation.

There is one (1), four (4) story brick walled, wood frame building, with slab-on-grade basement floor and built-up roof coverings. The buildings construction date is circa 1910 and the facility encompass an aggregate area of 78, 060± sq. ft.

The target parcel encompasses approximately 1.50± ac. in area. The elevation of the site is approximately five hundred and sixteen (516) National Gravitational Vertical Datum (NGVD). A location drawing is presented in Appendix A, Figures, Figure-1, Location.

Past property uses of the site circa 1892 were that of residential facilities in the area of where the existing building foot print was established during the construction event of 1910. The existing southern area of the site has historically remained outdoor storage.

Historical operations conducted in the facility, were that of automotive parts and clothing washer and dryer manufacturing. Research suggests the facility manufactured wood trim and/or accent related products for the automotive industry before conversion to the washer and dryer manufacturing.
The local transportation network is made up of Litchfield Street traversing north and south from West Main Street, ending just north of the target forming the eastern margin of the parcel, Wiley Street traversing east and west forming the target parcels northern margin, Clark Alley a one (1) lane alleyway traversing north and south along the parcels western margin. The southern margin of the parcel is located in a macadam parking area located contiguously south of Clark Alley.

Current zoning of the Litchfield Street parcel is Center City District (CCD).

The site is provided public water and sanitary services, there were no private water sources or private sanitary facilities identified on site.

The December 2010 subsurface investigation consisted of a total of (9) borings. Six (6) borings were completed outside of the building, and three (3) borings in the basement of the facility. The field work was completed during the dates of December 22 through 23, 2010. A boring plan is presented in Appendix A, Figure 2, Site Plan Boring Locations. The final depth or point of refusal for boring B-1 was 10.4 ft., B-2, 11.4 ft., B-3, 8.8 ft., B-4, 11.8 ft., B-5, 10.0 ft. and boring B-6, 17.3 ft. bgs. Borings B-7 through B-9 were completed inside the building. Sampling was completed just below the concrete floor of the facility to the point of refusal representing an approximate depth of two (2) to four (4) feet below slab surface (bss).

The summary of the analytical findings of the December event determined the following:

Boring B-5 presented surface sample presents concentrations of Trichloroethene above Unrestricted Residential Use, but lower than Restricted Residential guidance values. Trace Volatile Organic Compounds (VOC) compounds were identified in Borings B-6, B-7, B-8, B-9 respectively.

Trace Semi Volatile Organic Compounds (SVOC) compounds are presented in borings B-1, B-3, B-5 and B-9. Boring B-5 provided seven (7) compounds above Restricted and Unrestricted Residential guidance values.

The analytical findings for Pesticides in the surface to 4ft. bgs. samples, when compared to CP-51 and 375 Unrestricted, Protection of Ecological Resources and Groundwater SCO Guidance, it is determined that the following compounds exceed the SCO for Calcium, Copper, Iron, Lead, Mercury and Zinc in Boring B-1, B-2, Copper, Iron, Lead, Mercury, B-3, Copper, Iron, Lead, Mercury, B-4, Copper, Iron, Lead, Mercury , B-5, Aluminum, Calcium, Copper, Iron, Lead, Mercury, Nickel and Zinc, B-6, Arsenic, Cadmium, Calcium, Copper, Iron, Lead, Mercury and Zinc, B-7 and B-8, Calcium and Iron, and, B-9, Calcium, Copper, Iron and Zinc.

Metals derived from the TD sample intervals determined Unrestricted, Residential and Restricted Residential SCO's exceeding Part 375-6.8 (a) and (b) guidance, as well as CP-51values. Boring B-1, B-2, B-4, B-5 and B-6 exceed SCO's for Iron. Boring B-3 exceeds SCO's for Iron and Manganese. Pesticides were presented in surface samples derived from borings, B-1, B-3, B-5, and B-6. Borings B-1 and B-3 present 4,4'DDT above Unrestricted, but below Restricted guidance values.

Pesticides were presented in surface samples derived from borings, B-1, B-3, B-5, and B-6. Borings B-1 and B-3 present 4,4'DDT above Unrestricted, but below Restricted guidance values. The remaining biased parameters detected indicate the presence of the listed compound or constituent on-site, however, no quantification was discernable. Borings B-5 and B-6 present the greater number of compounds biased.

As a result of the December findings, DECI recommended additional borings be competed in the yard, and a vapor intrusion sampling event be completed in the building.

This Qualification Investigation completed eight (8) additional borings in the yard, and 12 sub-slab TO-15 Vapor Intrusion sampling locations within the building.

Boring B-6-1 over drilled the January B-5 location to determine if previously detected EPA method 2060 VOC and method 8270 SVOC compounds located in the surface to 4ft. bgs December sample were located below fill materials in the 4ft. to 8ft. bsg interval of the location. Laboratory Analysis for VOC's and SVOC's returned results below detection limit values.

Borings B-10 and B-11 were located in the asphalt parking area south of the yard. Both borings were completed to 9.8ft. bgs. Soil samples from Boring B-10 were sampled for analysis at the 0-4ft. and 8-10ft. internals and Boring B-11 at the 0.5ft. to 4.0ft., and 8ft. to 10ft. bgs intervals for Laboratory Analysis of VOC's and SVOC's. In addition, the B-10 and B-11 surface samples were submitted for analysis by EPA Method 8081 Pesticides. Analysis for all VOC, SVOC and Pesticides compounds returned results below detection limit values.

Boring B-12 was completed to 10ft. bgs. Analytical soil samples were derived from the 0.0ft. to 4ft. and 8ft. to 10ft. bgs. intervals. Samples were analyzed for VOC's, SVOC's in the surface and end of boring samples, and Pesticides in the surface sample. Analysis for all VOC, SVOC and Pesticides compounds returned results below detection limit values.

Borings B-13 and B-14 were completed from 0-4ft. in depth. Soil samples were analyzed for Pesticides. Boring B-13 presented 4,4"-DDT and Dieldrin above Unrestricted Residential Reuse, but below Restricted Residential guidance values. Boring B-14 returned results below detection limit values.

Boring B-15 was completed to 10ft. in depth. Analytical soil samples were derived from the 0.0ft. to 4ft.

and 8ft. to 10ft. bgs. intervals. Samples were analyzed for VOC's, SVOC's in the surface and end of boring samples, and Pesticides in the surface sample. Analysis for all VOC, SVOC and Pesticides compounds returned results below detection limit values.

Boring B-16 was completed to a depth of 14ft. bgs. Analytical soil samples were derived from the 0.0ft. to 4ft. and 10ft. to 14ft. bgs. intervals. Samples were analyzed for VOC's, SVOC's in the surface and end of boring samples, and Pesticides in the surface sample. Analysis for all VOC, SVOC and Pesticides compounds returned results below detection limit values.

Pesticides are determined in surface samples at boring locations B-12, B-13 and B-15. The elevated concentrations are above recommended guidance values for Unrestricted, Residential and Protection of Ecological Resources reuse, but below Restricted Residential reuse and Protection of Groundwater NYSDEC Soil Cleanup Objectives (SCO) values. Volatile Organic and Semi-Volatile Organic Compounds were non-detect.

Three (3) borings completed in December 2010 inside the building identified Trace VOC compounds in Borings B-7, B-8, B-9 within the building through the slab-floor.

A TO-15 Vapor Intrusion sub-slab investigation was recommended as a result of the initial sampling, the historical nature of the land use as manufacturing, and former uses of the basement identified as painting, testing, material handling and machine shop operations, through historical research, and observed staining of the floor throughout the basement.

A total of 12, TO-15 sampling events were conducted in the basement of the facility on May 3rd and 4th, 2011. A second round of sampling was conducted on May 18th and 19th. The second round of sampling was completed as a result of questionable vacuum recovery in the initial event of sample locations TO-5, 6 and 7, and the TO-9 location.

The results of the analysis determined that the TO-1, TO-2, TO-3 and TO-8 locations qualify as no further action required. TO-11 and TO-12 require monitoring, and TO-4, TO-5, TO-7, TO-9 and TO-10 mitigation.

Petroleum impacts associated with the December B-5 and over-drilled May B-6-1 location present probable minor surface impacts generated as a result of daily transportation related operations conducted on-site. The impacted area is located in the northeastern corner of the yard, adjacent to the southeast corner of the building.

Minor contamination of pesticides is determined in the sites surface soils, predominantly along the perimeter fence line and center area of the site, formerly utilized as the parking and transportation corridor.

Pesticides located in surfaces Borings B-12, B-13 and B-16 exceed Unrestricted and Protection of Ecological Resources SOC guidance values.

The presence of concentrations of Sub-Slab VOC's at levels requiring monitoring and mitigation determines a need for further action. Due to the highly interpretive nature of the DOH Vapor Intrusion Guidance documentation, consultation with DOH is recommended. The results of the Vapor Intrusion investigation indicate further action is required. However, it should be considered that there are no known indoor air quality impacts associated with the sub-surface findings. Further indoor air sampling could better define potential exposures, though the current dilapidated condition of the buildings basement can not provide a suitably controlled environment yielding reliable sampling results.

Further recommendations are presented in Section 7.0, Recommendations.

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2.0 Introduction

2.1 Purpose and Authorization

DECI was authorized by the DePAul Group, Inc. this Subsurface Qualification investigation and environmental assessment at 33 Litchfield Street, Rochester, NY. A site location map is presented in Figure-1, located in Appendix A.

The purpose of the investigation was to verify potential Recognized Environmental Conditions (REC's) determined in the Phase I Report of the site completed in September, 2010 by DECI.

2.2 Background

The target parcel encompasses approximately 1.50± ac. in area. The site is located in the Rochester, NY Quadrangle, as stipulated by the United States Geological Survey (USGS) Topographic Map system dated 1985, at Longitude -77.625789 and Latitude of 43.154282. The elevation of the site is approximately five hundred and sixteen (516) National Gravitational Vertical Datum (NGVD). A location drawing is presented in Appendix A, Figures, Figure-1, Location.

There is one (1) brick wall building, with wood frame, floors and roof structure located on the northern margin of the parcel. The building is four (4) stories in elevation form the street interval, with a basement elevation one (1) story below grade. The basement floor is poured concrete. The interior of the facility is predominantly configured as former manufacturing area and office space. The facility contains one (1) freight elevator. The buildings construction date is circa 1910 and the facility encompass an aggregate area of 78,060± sq. ft.

Slope of the site is approximately 0 - 5% from the southern wall sloping south and down gradient from the building continuing south to the properties southern most margin. The western margin of the site at grade with Clark Alley. The eastern area of the site is up-gradient of the road bed of Lichfield Street at the northern intersection of the building, meeting native eastern, southeastern and southwestern topographical elevations.

Soils on-site and general area have not been detailed by the US Natural Resources Conservation Service as the area is defined as Urban Land. Bedrock shale deposits were encountered within 14 ft. below ground surface (bgs).

Ground water is expected to flow east and southeast, based on local topology.

Past property uses of the site circa 1892 were that of residential facilities in the area of the existing building foot print. The existing building was established in 1910. Historical research of the existing southern area, presents former land uses of outdoor storage, parking and shipping & receiving operations. In 1971 Sanborn maps detail operation of the first floor of the facility as Statewide Machinery, Inc. Manufactures of washers and dryers. In addition, the 1971 Sanborn Map details one (1) spray booth located in the southwestern corner of the facility.

Historical operations conducted in the building were that of automotive parts manufacturing. Research suggests the facility manufactured wood trim and/or accent related products. The manufacturing process included rough stock handling, a machine shop and spray painting operations in the basement of the facility. The first floor housed the assumed product machining operations. The second floor Assembly and Tool Room, the third floor operated as finish stock and the fourth floor contained the pattern shop

and experimental department operations.

The December 2010 subsurface investigation consisted of a total of (9) borings. Six (6) borings were completed outside of the building, and three (3) borings in the basement of the facility. The field work was completed during the dates of December 22 through 23, 2010. The final depth or point of refusal for boring B-1 was 10.4 ft., B-2, 11.4 ft., B-3, 8.8 ft., B-4, 11.8 ft., B-5, 10.0 ft. and boring B-6, 17.3 ft. bgs. Borings B-7 through B-9 were completed inside the building. Sampling was completed just below the concrete floor of the facility to the point of refusal representing an approximate depth of two (2) to four (4) feet below slab surface.

The summary of the analytical findings of the December event determined the following:

Boring B-5 presented surface sample presents concentrations of Trichloroethene above Unrestricted Residential Use, but lower than Restricted Residential guidance values. Trace Volatile Organic Compounds (VOC) compounds were identified in Borings B-6, B-7, B-8, B-9 respectively.

Trace Semi Volatile Organic Compounds (SVOC) compounds are presented in borings B-1, B-3, B-5 and B-9. Boring B-5 provided seven (7) compounds above Restricted and Unrestricted Residential guidance values.

Metals were detected in the analytical findings from surface to 4ft. bgs. samples. Comparing the findings to CP-51 and 375 Unrestricted, Protection of Ecological Resources and Groundwater SCO Guidance, it is determined that the following compounds exceed the SCO for Calcium, Copper, Iron, Lead, Mercury and Zinc in Boring B-1, B-2, Copper, Iron, Lead, Mercury, B-3, Copper, Iron, Lead, Mercury, B-4, Copper, Iron, Lead, Mercury , B-5, Aluminum, Calcium, Copper, Iron, Lead, Mercury, Nickel and Zinc, B-6, Arsenic, Cadmium, Calcium, Copper, Iron, Lead, Mercury and Zinc, B-7 and B-8, Calcium and Iron, and, B-9, Calcium, Copper, Iron and Zinc.

Metals derived from the TD sample intervals determined Unrestricted, Residential and Restricted Residential SCO's exceeding Part 375-6.8 (a) and (b) guidance, as well as CP-51values. Boring B-1, B-2, B-4, B-5 and B-6 exceed SCO's for Iron. Boring B-3 exceeds SCO's for Iron and Manganese.

Pesticides were presented in surface samples derived from borings, B-1, B-3, B-5, and B-6. Borings B-1 and B-3 present 4,4'DDT above Unrestricted, but below Restricted guidance values. The remaining biased parameters detected indicate the presence of the listed compound or constituent on-site, however, no quantification was discernable. Borings B-5 and B-6 present the greater number of compounds biased.

As a result of the December findings, DECI recommended additional borings be competed in the yard, and a vapor intrusion sampling event be completed in the building.

3.0 Methodologies and Procedures

3.1 Soil Boring Installation

The following discussion provides a brief description of the general location and depth of the boring installations, Figures 2-1 and 2-2 located in Appendix A present drawings of the boring locations.

B-6-1 Was an over-drill of the December B-5 location and completed to 4ft. to 8ft. bgs.

B-10&11 Were located in the asphalt parking area south of the yard. Both borings were completed to 9.8ft. bgs.

B-12 Was located in the yard and completed to 10ft. bgs.

B-13&14 Were located in the yard and completed from 0-4ft. bgs.

B-15 Was located in the center of the yard along the loading dock transportation areas souther margin. The boring was completed to 10ft. Bgs.

B-16 Was located just south of the southeast of the southwest corner of the building. The boring was completed to a depth of 14ft. bgs.

3.2 Soil Sampling

The samples were acquired by a rotary drilling rig auguring the core, then driving split spoon samplers by a 140-pound weight falling for 30 inches. Each soil sample was described at the time it was retrieved, and a subsurface log was produced by the geologist/soil scientist based upon visual examination and other field observations. The samplers were cleaned prior to each sampling event.

Photoionization detector (PID) readings were taken at each spoon sample and utilized in determining core sample depths to be included in the environmental composite samples. Soil samples were screened for the presence of volatile organic compounds (VOC's) by placing a representative soil sample into a sealable glass jar, then allowing the sample to volatilize for at least 15 minutes prior to measurement. The concentration of VOC's was then measured by inserting the tip of a PID into the sample's headspace. All of the samples screened were determined non-detect.

3.2.1 Boring Soil Stratigraphy

The ensuing discussion presents an overview of the soil stratigraphy determined by Boring Location. Boring loges are presented on Appendix C, Boring Logs.

B-6-1 Extremely moist brown (Silty-Sand) fill with 0 to 3% gravel some silt, loose, very loose below 6 ft. Boring terminated at 8 ft. bgs.

B-10 Asphalt pavement to 0.3 feet over mostly crushed stone fill to 0.8 feet over sandy soil fill with little silt to 4.0 feet over water sorted and deposited sand with little silt, trace to little gravel to end of boring.

B-11 Asphalt pavement to 0.3 feet over mostly crushed stone fill to 0.8 feet over sandy soil fill with little silt to 4.0 feet over water sorted and deposited sand with little silt, trace to little gravel to end of boring.

B-12 Coarse silty topsoil fill with little sand and organic matter to 0.6 feet over mostly slag and cinders fill to 0.6 feet over sandy soil fill with little silt to 1.3 feet over coarse silty slack water sediment with little silt to 2.7 feet over water sorted and deposited sand with little silt to 7.5 feet over sandy glacial till with little silt, trace to little sand to refusal.

B-13 Asphalt pavement to 0.2 feet over mostly slag and cinders fill to 0.7 feet over sandy soil fill with little silt, trace to little gravel to 2.7 feet over water sorted and deposited sand with little silt, trace gravel to end of boring.

B-14 Asphalt pavement to 0.2 feet over mostly slag and cinders fill to 0.6 feet over sandy soil fill with little silt to 1.2 feet over water sorted and deposited sand with little silt to end of boring.

B-15 Asphalt pavement to 0.2 feet over mostly slag and cinders fill to 0.8 feet over sandy soil fill with little silt, trace slag, cinders and gravel to 1.2 feet over coarse silty soil fill with little sand to 4.0 feet over water sorted and deposited sand with little silt to 6.7 feet over sandy glacial till with little silt, trace to little gravel to end of boring.

B-16 Asphalt pavement to 0.2 feet over mostly slag and cinders fill to 1.4 feet over sandy soil fill with little silt to 4.5 feet over water sorted and deposited coarse silt with some sand to 6.7 feet over water sorted and deposited sand with little silt to 8.3 feet over sandy glacial till with little silt, trace gravel to refusal.

3.3 Vapor Intrusion Sampling

The sub-slab investigation was recommended as a result of the initial sampling, the historical nature of the land use as manufacturing, and former uses of the basement identified as painting, testing, material handling and machine shop operations, through historical research, and observed staining of the floor throughout the basement.

The investigation was conducted utilizing New York State Department of Health (DOH), Guidance for Evaluating Soil Vapor Intrusion In the State of New York, October 2006, and NYS Department of Environmental Conservation DER-10 Guidance documents. The sampling protocol employed was EPA Method TO-15 Summa Canister, with 24 hour sample durations. Laboratory analysis was conducted by EPA Method TO-15 Volatile Organic Compounds in Air.

A total of 12, TO-15 sampling events were conducted in the basement of the facility on May 3rd and 4th, 2011. A second round of sampling was conducted on May 18th and 19th. The second round of sampling was completed as a result of questionable vacuum recovery in the initial event of sample locations TO-5, 6 and 7, and the TO-9 location. Upon determination of questionable vacuum recovery for those locations the Lab tested the regulators for each of the locations. Each regulator was certified in working condition. It was then suspected that sampling penetrations may encountered voided space in the slab, or the sampling penetrations did not extend through the sub-slab. The second round of sampling re-sampled the TO-6 location utilizing the previously established sampling penetration as a control in comparison to the the findings of the first event. Again the TO-6 location produced a condition of no recovery. As a result of the two events producing the same conditions, TO-6 was not submitted for laboratory analysis. In reestablishing new penetrations for re-sampling within close proximity to the initial TO-5, 7 and 9 locations, the technician utilized a 10" drill bit to insure establishing through hole penetrations through the slab. It was determined that location TO-5 could not, in confidence establish a through hole in three attempts, the location was moved as presented on the drawing presented in Appendix A. Voids were encountered during the second round drilling of locations TO-9 and 7. Suggesting the poor recovery of the suspect locations was a result of a slab locked sampling point, yielding no recovery during the initial event.

A floor plan of the sample locations is presented in Appendix A, Figure 2-3, TO-15 Sample Locations.

4.0 Analytical Findings

All samples were prepared and transported to Paradigm Environmental Services, Inc. (ELAP No. 10958), located in Rochester, NY. Samples were kept at a temperature of 4° C during transportation. Chain of custody protocol was followed, a copy of which can be located at the end of the Laboratory Analytical Reports presented in Appendix B-1, Laboratory Reports - Soil, and Appendix B-2, Laboratory Reports - Air.

Select soil samples were analyzed by the following EPA Methods:

8260 Volatile Organic Contaminants (VOC's), Total Compound List (TCL)
8270 Semi-Volatile Organic Contaminants (SVOC's), TCL
8081 Pesticides

TO-15 samples were analyzed by the following EPA Method:

TO-15 VOC's in Air

Analytical findings are compared to New York State Department of Environmental Conservation (DEC), Environmental Remediation Programs, Code of Rules and Regulations, 6 NYCRR, Part 375, et. al. Effective December 14, 2006 and DEC Policy, CP-51, August 2010, Soil Cleanup Objectives guidance requirements for Unrestricted, Residential and Restricted Residential use, and, Protection of Ecological Resources and Groundwater where appropriate..

4.1 Analytical findings - Soils

Laboratory Analyses Reports are presented in Appendix B-1 Laboratory Reports Soils.

B-6-1 Soil samples from Boring B-6-1 were sampled at the 4-6 ft. bgs. interval and submitted for analysis VOC's and SVOC's. Results of the analysis returned results below detection limit values.

B-10 &11 Soil samples from Boring B-10 were sampled for analysis at the 0-4ft. and 8-10ft. internals and Boring B-11 at the 0.5ft. to 4.0ft., and 8ft. to 10ft. bgs intervals for Laboratory Analysis of VOC's and SVOC's. In addition, the B-10 and B-11 surface samples were submitted for analysis by EPA Method 8081 Pesticides. Analysis for all VOC, SVOC and Pesticides compounds returned results below detection limit values.

B-12 Analytical soil samples were derived from the 0.0ft. to 4ft. and 8ft. to 10ft. bgs. intervals. Samples were analyzed for VOC's, SVOC's in the surface and end of boring samples, and Pesticides in the surface sample. Analysis for all VOC, SVOC's compounds returned results below detection limit values. The B-12 Pesticides analysis determined 4,4''-DDT and Dieldrin above Unrestricted Residential Reuse, but below Restricted Residential guidance values.

B-13&14 Were completed from 0-4ft. in depth. Soil samples were analyzed for Pesticides. Boring B-13 presented 4,4''-DDT above Unrestricted Residential Reuse, but below Restricted Residential guidance values. Boring B-14 returned results below detection limit values.

B-15 Analytical soil samples were derived from the 0.0ft. to 4ft. and 8ft. to 10ft. bgs. intervals. Samples were analyzed for VOC's, SVOC's in the surface and end of boring samples, and Pesticides in the surface sample. Analysis for all VOC, SVOC and Pesticides compounds returned results below detection limit values.

B-16 Analytical soil samples were derived from the 0.0ft. to 4ft. and 10ft. to 14ft. bgs. intervals. Samples were analyzed for VOC's, SVOC's in the surface and end of boring samples, and Pesticides in the surface sample. Analysis for all VOC, SVOC compounds returned results below detection limit values. The B-16 Pesticides analysis determined 4,4''-DDT and Dieldrin above Unrestricted Residential Reuse, but below Restricted Residential guidance values.

4.1.1 Herbicides, Pesticides and PCB's Comparison Unrestricted and Residential

The following table presents the comparison of detected Pesticides by Boring Location exceeding one or more of the Part 375-6.8(a) Unrestricted reuse SCO's. No CP-51 compounds were detected in the analyses.

Herbicides, Pesticides and PCB's 0-4 Ft. BGS. (mg/kg=ppm)						
Contaminant	**Unrestricted 375-6.8(a)**	**Residential 375-6.8(b) CP-51**	**Restricted Residential 375-6.8(b)/ CP-51**	**B-12**	**B-13**	**B-16**
2,4,5-TP Acid (Silvex)	3.8	NS	100	-	-	-
4,4'-DDD	0.0033	NS	13	**0.00409**	-	**0.00399**
4,4'-DDE	0.0033	NS	8.9	-	-	-
4,4'-DDT	0.0033	NS	7.9	**0.00413**	**0.00665**	**0.00342**
Aldrin	0.005	NS	0.097	-	-	-
alpha-BHC	0.02	NS	0.48	-	-	-
beta-BHC	0.036	NS	0.36	-	-	-
delta-BHC	0.04	NS	100	-	-	-
* Chlordane (gamma)	NS	0.54	NS	-	-	-
Chlordane (alpha)	0.094	NS	4.2	-	-	-
Dieldrin	0.005	NS	0.2	-	**C 0.00470**	-
Endosulfan I	2.4	NS	24	-	-	-
Endosulfan II	2.4	NS	24	-	-	-
Endosulfan sulfate	2.4	NS	24	-	-	-
Endrin	0.014	NS	11	-	-	-
Heptachlor	0.042	NS	2.1	-	-	-
* Heptachlor Epoxide	NS	0.077	NS	-	-	-
* Methoxychlor	NS	100	NS	-	-	-

Herbicides, Pesticides and PCB's 0-4 Ft. BGS. (mg/kg=ppm)						
Contaminant	**Unrestricted 375-6.8(a)**	**Residential 375-6.8(b) CP-51**	**Restricted Residential 375-6.8(b)/ CP-51**	**B-12**	**B-13**	**B-16**
Polychlorinated biphenyls	0.1	NS	1	-	-	

Table-4.1-1

4.1.2 Herbicides, Pesticides and PCB's Comparison Protection of Resources

The following table presents the comparison of detected Pesticides by Boring Location exceeding one or more of the Part 375-6.8(a) Unrestricted and Protection of Ecological Resources SCO's. All parameters are within established guidance for Protection of Groundwater SCO's. No CP-51 compounds were detected in the analyses.

Herbicides, Pesticides and PCB's 0-4 Ft. BGS. (mg/kg=ppm)						
Contaminant	**Unrestricted 375-6.8(a)**	**Protection of Ecological Resources 375-6.8(b)/ CP-51**	**Protection of Ground-water 375-6.8(b)/ CP-51**	**B-12**	**B-13**	**B-16**
2,4,5-TP Acid (Silvex)	3.8	NS	0.5	-	-	-
4,4'-DDD	0.0033	NS	3.8	**0.00409**	-	**0.00399**
4,4'-DDE	0.0033	0.0033	14	-	-	-
4,4'-DDT	0.0033	0.0033	17	**0.00413**	**0.00665**	**0.00342**
Aldrin	0.005	0.0033	136	-	-	-
alpha-BHC	0.02	0.14	0.19	-	-	-
beta-BHC	0.036	0.04	0.02	-	-	-
delta-BHC	0.04	0.6	0. 09	-	-	-
* Chlordane (gamma)	NS	NS	NS	-	-	-
Chlordane (alpha)	0.094	NS	14	-	-	-
Dieldrin	0.005	1.3	2.9	-	**C 0.00470**	-
Endosulfan I	2.4	0.006	0.1	-	-	-
Endosulfan II	2.4	NS	102	-	-	-
Endosulfan sulfate	2.4	NS	102	-	-	-
Endrin	0.014	NS	1,000	-	-	-
Heptachlor	0.042	0.014	0.06	-	-	-
* Heptachlor Epoxide	NS	0.14	0.38	-	-	-
* Methoxychlor	NS	NS	0.02	-	-	-
Polychlorinated biphenyls	0.1	1.2	900	-	-	-

Table 4.1-2

4.2 Sub-slab Vapor Intrusion Analytical Results

The sampling and analytical protocol employed was EPA Method TO-15 Volatile Organic Compounds in Air. The sampling collection method was Summa Canisters. Sampling duration was 24 hours. A floor plan of the sample locations is presented in Appendix A, Figure 2-3, TO-15 Sample Locations.

DOH does not provide definitive guidance values for sub-slab analyte concentrations in their Vapor Intrusion Guidance documentation. Action levels are determined in a range of micro grams, per cubic meter (mcg/m^3). The ranges are defined as <5 mcg/m^3, no further action. 5 to <50 mcg/m^3, no further action, 50 to <250 mcg/m^3 monitoring required, and 250 mcg/m^3 and above mitigation.

Methylene Chloride and Acetone are noted to be present in the analytical Method Blank. Therefore the results for those analyte's are unreliable, though noted where appropriate in the following discussions the results are not considered as part of the overall actions evaluated or recommended. Methylene Chloride and Acetone was detected in the analysis of TO-1, TO-3, TO-4, TO-5, TO-11 and TO-12, Methylene Chloride only in TO-7, TO-8, TO-10 and Acetone alone in the TO-2.

The findings of the Analysis determine TO-1, 2, 3 and TO-8 results to fall within the No Further Action criterion. TO-11 and 12, requiring Monitoring, and TO-4, 5, 7, 9 and TO-10 at exposure levels requiring Mitigation.

The following table, Table-2,TO-15 Action Level Matrix presents the determination of actions required based on the analytical results of the sampling event per DOH Guidance.

Table - 4.2-1 TO-15 Action Level Matrix

Location	No Further Action	Monitoring	Mitigation
TO-1	X		
TO-2	X		
TO-3	X		
TO-4			X
TO-5			X
TO-7			X
TO-8	X		
TO-9			X
TO-10			X
TO-11		X	
TO-12		X	

Table-4.2-1

4.2.1 Action Level Determination by Sampling Point

TO-1 The results of the analysis of the TO-1 location indicated results within DOH Sub-Slab guidance values of no further action required. It should be noted that Methylene Chloride

and Acetone results are estimated, the calibration limit was exceeded, each analyte was detected in the Method Blank.

TO-2 The results of the analysis of the TO-2 location indicate results within DOH Sub-Slab guidance for no further action required. Acetone results are Estimated, the calibration limit was exceeded, and was also detected in the Method Blank.

TO-3 The analysis of the TO-3 location indicate results within DOH Sub-Slab guidance of no further action required. It should be noted that Methylene Chloride and Acetone results are Estimated, the calibration limit was exceeded, and each analyte was also detected in the Method Blank.

TO-4 The results of the analysis of the TO-4 location indicate Carbon Tetrachloride, Chloroform, and Tetrachloroethene results qualify per NYSDOH Sub-Slab guidance requiring monitoring. It should be noted that cis-1,2-Dichloroethene and Trichloroethene exceed calibration limits. Methylene Chloride and Acetone was also detected in the Method Blank.

TO-5 The TO-5 location analytical results report Carbon Tetrachloride, cis-1,2-Dichloroethene, trans-1,2- Dichloroethene, trans-1,2-Dichloroethene, Tetrachloroethene and Trichloroethene exceeding calibration limits. Chloroform presented values recommended for monitoring per DOH Guidance. Methylene Chloride and Acetone analyte's were also detected in the Field Blank.

TO-6 The TO-6 Sample was not recovered in two (2) sampling attempts. The sample was not analyzed.

TO-7 Results presented from the TO-7 location analysis for Tetrachloroethene, cis-1,2-Dichloroethene, Benzene, Acetone, 2-Butanone, 2-Hexanone and Carbon disulfide exceeded calibration limits. The reaming parameters were within no further action tolerances. Methylene Chloride, detected in the Method Blank exceeded calibration limits.

TO-8 The TO-8 results were determined to be within DOH no further action required limits. Methylene Chloride was detected in the Method Blank.

TO-9 The TO-9 results determined Tetrachloroethene exceeding calibration limits. Trichloroethene is present to the extent requiring mitigation per DOH Guidance.

TO-10 The TO-10 analysis determined Tetrachloroethene exceed calibration limits. The Methylene Chloride was detected in the Method Blank. Trichloroethene was detected at the level of required monitoring, and the remaining compounds were determined to be at the no further action levels.

TO-11 The TO-11 location presented Methylene Chloride and m,p-Xylene at levels requiring monitoring. Methylene Chloride and Acetone were also detected in the Method Blank.

TO-12 The results of the analysis of the TO-12 location indicate results within DOH Sub-Slab guidance requirements for monitoring of two (2) parameters, m,p-Xylene and

Tetrachloroethene. It should be noted that Methylene Chloride and Acetone analytes were detected in the Method Blank.

4.2.2 T0-15 Analytical Results Comparison Tables

The following tables compare the analytical results by the by category of action level required.

Laboratory Reports for the TO-15 Analyses are presented in Appendix B-2 Laboratory Reports - Air.

Table - 4.2-2 TO-15 Results Comparison - No Further Action

Analyte	Guidance Value Range	Result (mg/m3)			
		TO-1	TO-2	TO-3	TO-8
Bromodichloromethane	<5 & 5 to <50	-	-	-	-
Bromoform	<5 & 5 to <50	-	-	-	-
Bromomethane	<5 & 5 to <50	-	-	-	-
Carbon Tetrachloride	<5 & 5 to <50	0.390	0.504	0.395	6.53
Chloroethane	<5 & 5 to <50	-	-	-	-
Chloroform	<5 & 5 to <50	-	-	-	-
Chloromethane	<5 & 5 to <50	1.00	1.39	1.29	-
Dibromochloromethane	<5 & 5 to <50	-	-	-	-
1,2-Dibromoethane	<5 & 5 to <50	-	-	-	-
1,1-Dichloroethane	<5 & 5 to <50	-	-	-	-
1,1-Dichloroethene	<5 & 5 to <50	-	-	-	-
1,2-Dichloroethane	<5 & 5 to <50	-	-	-	-
cis-1,2-Dichloroethene	<5 & 5 to <50	0.974	6.95	2.31	-
trans-1,2-Dichloroethene	<5 & 5 to <50	-	1.09	-	-
1,2-Dichloropropane	<5 & 5 to <50	-	-	-	-
cis-1,3-Dichloropropene	<5 & 5 to <50	-	<0.495	1.42	-
trans-1,3-Dichloropropene	<5 & 5 to <50	-	-	-	-
Methylene Chloride	<5 & 5 to <50	B E 25.8	B E 43.6	B E 51.5	B 123
1,1,2,2-Tetrachloroethane	<5 & 5 to <50	-	-	-	-
Tetrachloroethene	<5 & 5 to <50	3.29	5.76	6.28	19.7
1,1,1-Trichloroethane	<5 & 5 to <50	-	-	-	-
1,1,2-Trichloroethane	<5 & 5 to <50	-	-	-	-
Trichloroethene	<5 & 5 to <50	0.391	1.27	1.22	6.54

Table - 4.2-2 TO-15 Results Comparison - No Further Action					
Analyte	**Guidance Value Range**	**Result (mg/m3)**			
		TO-1	**TO-2**	**TO-3**	**TO-8**
Trichlorofluoromethane	<5 & 5 to <50	1.12	-	1.35	-
Freon 113	<5 & 5 to <50	-	-	-	-
Vinyl chloride	<5 & 5 to <50	-	-	-	-
Benzene	<5 & 5 to <50	0.613	0.932	0.772	-
Chlorobenzene	<5 & 5 to <50	-	-	-	-
Ethylbenzene	<5 & 5 to <50	1.31	3.37	1.30	39.8
Toluene	<5 & 5 to <50	2.00	3.40	2.65	25.5
m,p-Xylene	<5 & 5 to <50	4.29	10.8	4.86	87.6
o-Xylene	<5 & 5 to <50	0.962	2.97	1.27	20.0
Styrene	<5 & 5 to <50	-	-	-	-
1,2-Dichlorobenzene	<5 & 5 to <50	-	-	-	-
1,3-Dichlorobenzene	<5 & 5 to <50	-	-	-	-
1,4-Dichlorobenzene	<5 & 5 to <50	-	-	-	-
Acetone	<5 & 5 to <50	B E 17.9	B E 15.4	B E 18.5	B 22.0
2-Butanone	<5 & 5 to <50	-	-	-	-
2-Hexanone	<5 & 5 to <50	-	-	-	-
4-Methyl-2-pentanone	<5 & 5 to <50	-	-	-	-
Carbon disulfide	<5 & 5 to <50	-	-	-	-
Methyl tert-butyl ether	<5 & 5 to <50	-	-	-	-
Vinyl acetate	<5 & 5 to <50	-	-	-	-

Table-4.2-2

Table - 4.2-3 TO-15 Results Comparison - Monitoring			
Analyte	**Guidance Value Range (mcg/m^3)**	**Result (mcg/m^3)**	
		TO-11	**TO-12**
Bromodichloromethane	50 to <250	-	-
Bromoform	50 to <250	-	-
Bromomethane	50 to <250	-	-
Carbon Tetrachloride	50 to <250	-	-
Chloroethane	50 to <250	-	-

Table - 4.2-3 TO-15 Results Comparison - Monitoring			
Analyte	**Guidance Value Range (mcg/m³)**	**Result (mcg/m³)**	
		TO-11	**TO-12**
Chloroform	50 to <250	-	13.7
Chloromethane	50 to <250	-	-
Dibromochloromethane	50 to <250	-	-
1,2-Dibromoethane	50 to <250	-	-
1,1-Dichloroethane	50 to <250	-	-
1,1-Dichloroethene	50 to <250	-	-
1,2-Dichloroethane	50 to <250	-	-
cis-1,2-Dichloroethene	50 to <250	-	12.6
trans-1,2-Dichloroethene	50 to <250	-	-
1,2-Dichloropropane	50 to <250	-	-
cis-1,3-Dichloropropene	50 to <250	-	-
trans-1,3-Dichloropropene	50 to <250	-	-
Methylene Chloride	50 to <250	B 61.5	B 43.3
1,1,2,2-Tetrachloroethane	50 to <250	-	-
Tetrachloroethene	50 to <250	**E 993**	93.2
1,1,1-Trichloroethane	50 to <250	-	-
1,1,2-Trichloroethane	50 to <250	-	-
Trichloroethene	50 to <250	18.3	13.7
Trichlorofluoromethane	50 to <250	-	-
Freon 113	50 to <250	-	-
Vinyl chloride	50 to <250	-	-
Benzene	50 to <250	-	-
Chlorobenzene	50 to <250	-	-
Ethylbenzene	50 to <250	47.7	-
Toluene	50 to <250	21.9	-
m,p-Xylene	50 to <250	**160**	**76.3**
o-Xylene	50 to <250	41.5	19.8
Styrene	50 to <250	-	-
1,2-Dichlorobenzene	50 to <250	-	-

Table - 4.2-3 TO-15 Results Comparison - Monitoring			
Analyte	**Guidance Value Range (mcg/m³)**	**Result (mcg/m³)**	
		TO-11	**TO-12**
1,3-Dichlorobenzene	50 to <250	-	-
1,4-Dichlorobenzene	50 to <250	-	-
Acetone	50 to <250	B 42.9	B 19.2
2-Butanone	50 to <250	-	-
2-Hexanone	50 to <250	-	-
4-Methyl-2-pentanone	50 to <250	-	-
Carbon disulfide	50 to <250	-	-
Methyl tert-butyl ether	50 to <250	-	-
Vinyl acetate	50 to <250	-	-

Table-4.2-3

Table - 4.2-4 TO-15 Results Comparison - Mitigation						
Analyte	**Guidance Value Range (mcg/m³)**	**Result (mcg/m³)**				
		TO-4	**TO-5**	**TO-7**	**TO-9**	**TO-10**
Bromodichloromethane	50 to <250	-	-	-	-	-
Bromoform	50 to <250	-	-	-	-	-
Bromomethane	50 to <250	-	-	-	-	-
Carbon Tetrachloride	50 to <250	235	**E 1260**	4.72	-	-
Chloroethane	50 to <250	-	-	-	-	-
Chloroform	50 to <250	193	**261**	17.8	-	-
Chloromethane	50 to <250	-	-	-	-	-
Dibromochloromethane	50 to <250	-	-	-	-	-
1,2-Dibromoethane	50 to <250	-	-	-	-	-
1,1-Dichloroethane	50 to <250	-	-	-	-	-
1,1-Dichloroethene	50 to <250	-	-	-	-	-
1,2-Dichloroethane	50 to <250	-	-	-	-	-
cis-1,2-Dichloroethene	50 to <250	**E 1350**	**E 9860**	**E 188**	21.8	-
trans-1,2-Dichloroethene	50 to <250	-	**E 2110**	**E 38.0**	-	-
1,2-Dichloropropane	50 to <250	-	-	-	-	-

Table - 4.2-4 TO-15 Results Comparison - Mitigation						
Analyte	**Guidance Value Range (mcg/m³)**	**Result (mcg/m³)**				
		TO-4	**TO-5**	**TO-7**	**TO-9**	**TO-10**
cis-1,3-Dichloropropene	50 to <250	-	-	-	-	-
trans-1,3-Dichloropropene	50 to <250	-	-	-	-	-
Methylene Chloride	50 to <250	B 81.4	B 277	B E 128	-	B 56.7
1,1,2,2-Tetrachloroethane	50 to <250	-	-	-	-	-
Tetrachloroethene	50 to <250	207	**E 838**	**E 1090**	**E 724**	**E 3050**
1,1,1-Trichloroethane	50 to <250	-	-	-	-	-
1,1,2-Trichloroethane	50 to <250	-	-	-	-	-
Trichloroethene	50 to <250	**E 1820**	**E 11000**	**E 138**	283	152
Trichlorofluoromethane	50 to <250	-	-	-	-	-
Freon 113	50 to <250	-	-	-	-	-
Vinyl chloride	50 to <250	-	-	-	-	-
Benzene	50 to <250	-	10.1	**E 56.8**	-	-
Chlorobenzene	50 to <250	-	-	-	-	-
Ethylbenzene	50 to <250	16.9	-	5.81	-	-
Toluene	50 to <250	16.0	23.6	**E 64.3**	-	10.1
m,p-Xylene	50 to <250	44.2	14.8	33.9	14.1	25.1
o-Xylene	50 to <250	8.97	-	12.1	-	-
Styrene	50 to <250	-	-	2.36	-	-
1,2-Dichlorobenzene	50 to <250	-	-	-	-	-
1,3-Dichlorobenzene	50 to <250	-	-	-	-	-
1,4-Dichlorobenzene	50 to <250	-	-	-	-	-
Acetone	50 to <250	B 33.2	B 36.1	B E 84.2	-	B 31.1
2-Butanone	50 to <250	-	-	**E 26.1**	-	-
2-Hexanone	50 to <250	-	-	**E 52.8**	-	-
4-Methyl-2-pentanone	50 to <250	-	-	-	-	-
Carbon disulfide	50 to <250	-	-	**E 85.8**	-	-
Methyl tert-butyl ether	50 to <250	-	-	-	-	-
Vinyl acetate	50 to <250	-	-	-	-	-

Table-4.2-4

5.0 Findings

The results of the investigation provides the following findings

1) Pesticides are determined in surface samples at boring locations B-12, B-13 and B-15. The elevated concentrations are above recommended guidance values for Unrestricted and Protection of Ecological Resources, but below Restricted Residential re-use values.
2) Volatile Organic and Semi-Volatile Organic Compounds were non-detect.

3) The Analysis of the TO-15 investigation determine TO-1, 2, 3 and TO-8 results to fall within the No Further Action criterion. TO-4, 5, 7, 9 and TO-10 at exposure levels requiring Mitigation and TO-11 and 12, requiring Monitoring.

6.0 Investigation Analysis

Overall, the findings of this investigation present minor contamination of pesticides in the surface related soils, predominantly along the perimeter and center area of the site, formerly utilized as the parking and transportation corridor.

Petroleum impacts associated with the December B-5 and over-drilled May B-6-1 location present probable minor surface impacts generated as a result of daily transportation related operations conducted on-site. The impacted area is located in the northeastern corner of the yard, adjacent to the southeast corner of the building.

The findings of the TO-15 investigation and analysis determine that locations TO-1, 2, 3 and TO-8 fall within guidance objectives of No Further Action required. TO-4, 5, 7, 9 and TO-10 at exposure levels requiring Mitigation and the TO-11 and 12 locations presenting values requiring Monitoring.

7.0 Recommendations

Further action is recommended.

7.1 Soils Management

The following are recommendations for addressing the impacts associated with the findings of the December and this investigation.

Pesticides are located on-site in accedence of Unrestricted Residential re-use guidance values. A copy of this report should be submitted to NYS Department of Environmental Conservation with a request for review and regulatory determination.

1) The project plan requires removal of cinders, as well as removal and replacement of the former deteriorated macadam parking remnants. Surface soils impacted by elevated petroleum and pesticides will be replaced. It is recommended during the removal and replacement stage, soils and removal methods and or operations be established in simple soils management plan.

2) The Soils management plan should include but not limited to, a soils overview, project description, definition of suspect area of impact, guidance for identifying and qualifying impacted soils, removal methods, dust control methods, stock piling, manifesting/ disposal, site health and safety provisions and community monitoring plan.

7.2 Vapor Intrusion Management

The presence of concentrations of Sub-Slab VOC's at levels requiring monitoring and mitigation determines a need for further action. Due to the highly interpretive nature of the DOH Vapor Intrusion Guidance documentation, consultation with DOH is recommended. The results of the Vapor Intrusion investigation indicate further action is required. However, there are no known indoor air quality impacts associated with the sub-surface findings. Further in door air sampling could better define potential exposures, though the current dilapidated condition of the buildings basement can not provide a suitably controlled environment yielding reliable sampling results. Recommendations are as follows.

1) A Vapor Intrusion Management and/or Remedial Plan should be developed.

2) Prior to development of the plans final objective, the owner and design team should discuss options and alternatives available related to the most effective management of the potential exposures, based on the intended use, preliminary rehabilitation design concepts, costs and considerations required to reach acceptable management of the potential exposure.

3) The plan should include an evaluation of in-place management, sparge, vacuum extraction, in-place bio or chemical treatment or combinations there of. This plan should be developed with the oversight of the DEC and State Health.

8.0 Limitations

This report has been prepared for the exclusive use of The DePaul Group, Inc., and is a professional opinion and judgment dependent upon DECI's knowledge and a limited number of test points. DECI cannot certify, guarantee, or warranty that the study/work site is or is not free of environmental impairment. Further investigation and testing of the site could better define the actual environmental condition of the property, but would be limited to the actual testing locations from which samples were analyzed and may not apply to the site as a whole.

Review of the data made available to DECI for this report and the information generated while working on this project indicated there were environmental conditions recognized which should be brought to the attention of the client/user for their assessment, based on his/her risk tolerance, fiduciary responsibility or the applicable law, to determine the extent of further inquiry. While the scope and limitations of this investigation did find significant environmental impact present at the site.

In performing professional services, DECI uses the degree of care and skill exercised under similar circumstances by members of the environmental profession practicing in the same or similar locality under similar conditions. The standard of care shall be judged exclusively as of the time these services are rendered, and not according to later standards. DECI makes no express or implied warranty beyond its conformance to this standard.

DECI shall not be responsible for conditions or consequences arising from relevant facts that were

concealed, withheld, or not fully disclosed for this report. DECI believes that all information contained in this report to be factual, however no guarantee is made or implied. DECI shall not be responsible for any loss, damage, or liability arising from any negligence of the client or others in the interpretation or use of the results of this assessment.

The facts and conditions referenced in this report may change over time. The conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

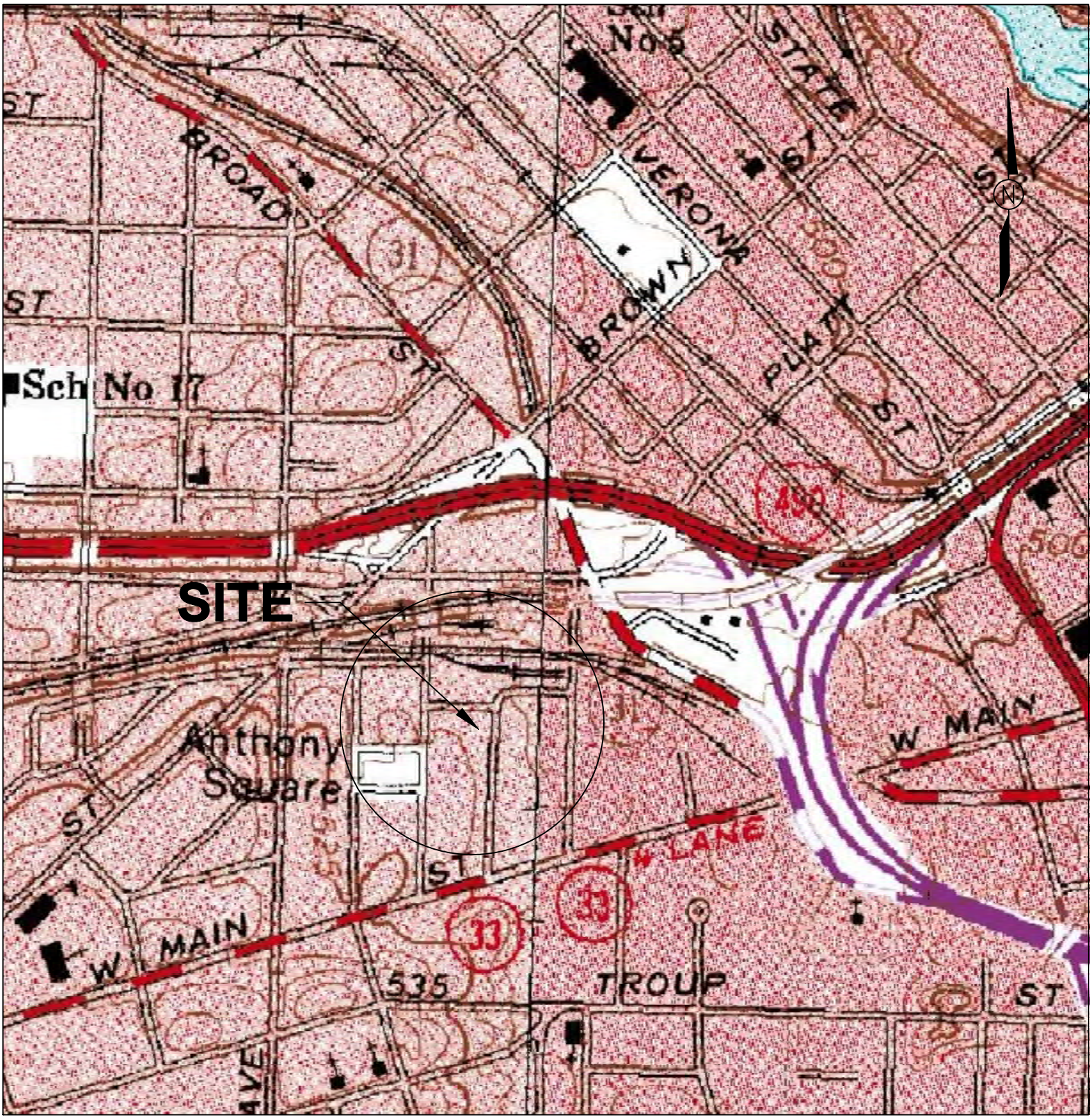
This Investigation and report written and completed by

Date: 19 June 2011
Revised: 14 November 2011

Michael W. Pufpaff

Appendix A

Figures



33 Litchfield Sreet
Rochester, NY

prepared for

DePaul Group, Inc.
1931 Buffalo Road
Rochester, NY

FIGURE 1
Location

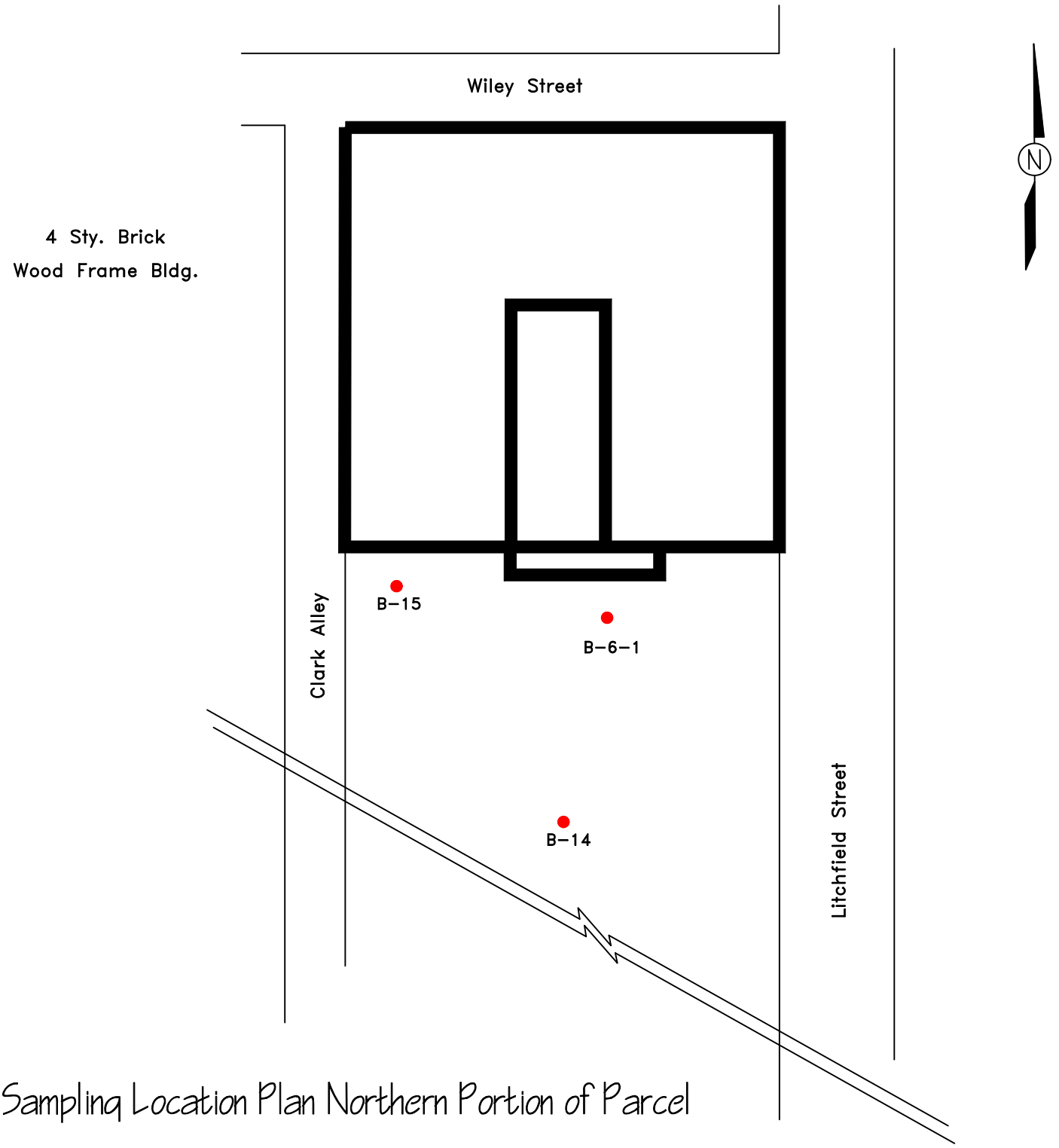
SCALE
No Scale

0 60 120

DECI Development & Environmental Consultants, Inc.

DRAWN BY	MWP	08/27/2010
CHECKED BY	MWP	08/28/2010
APPROVED BY		
REVISED		

DRAWING NUMBER FIGURE 1



Sampling Location Plan Northern Portion of Parcel

33 Litchfield Sreet
Rochester, NY
prepared for
DePaul Group, Inc.
1931 Buffalo Road
Rochester, NY

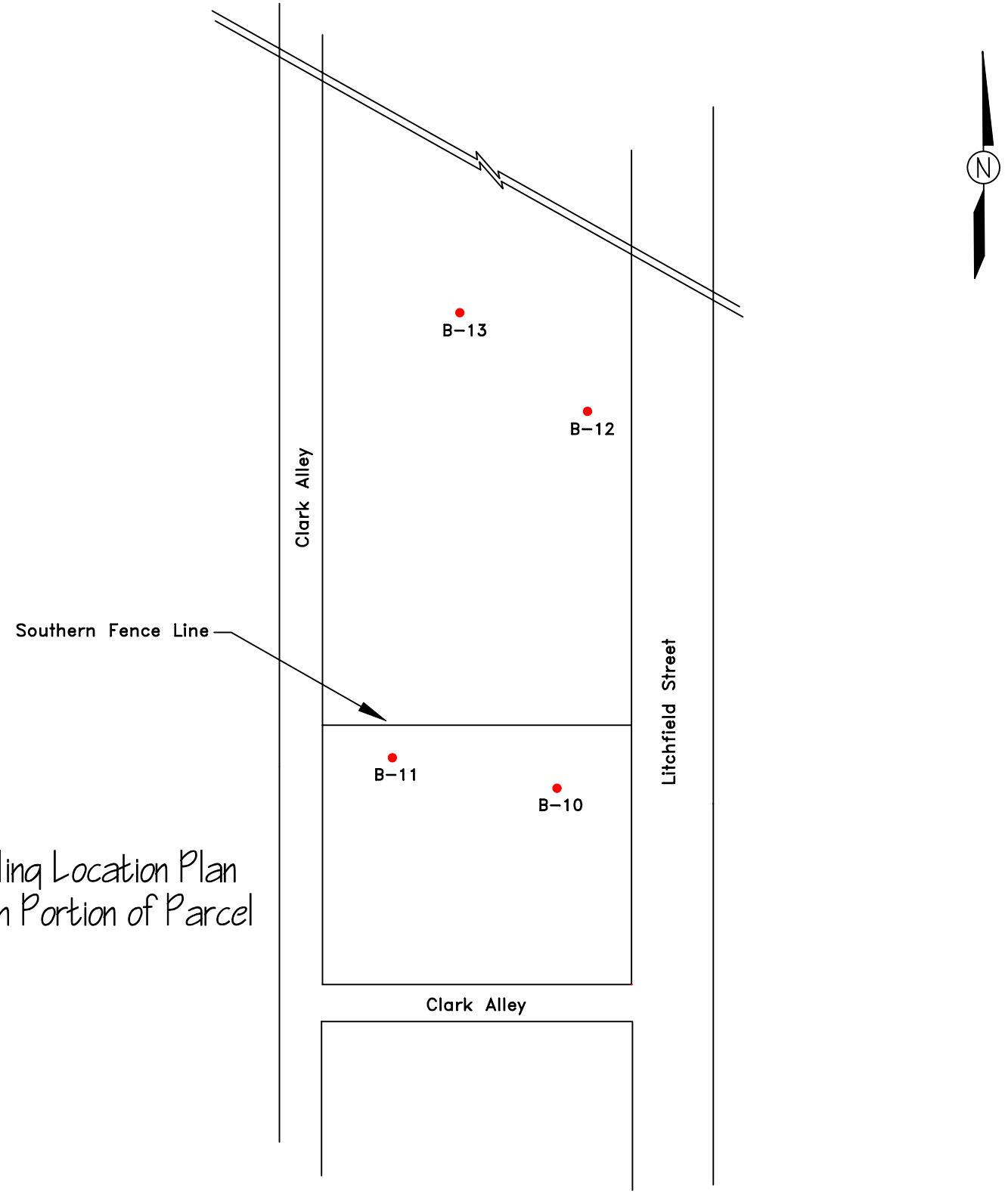
FIGURE 2-1
Sampling Location Plan

SCALE
No Scale

0 60 120

DECI Development & Environmental Consultants, Inc.

DRAWN BY	MWP	03/01/2011
CHECKED BY	MWP	03/01/2011
APPROVED BY		
REVISED		
DRAWING NUMBER	FIGURE 2-1	



Sampling Location Plan
Southern Portion of Parcel

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Rochester, NY
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Rochester, NY

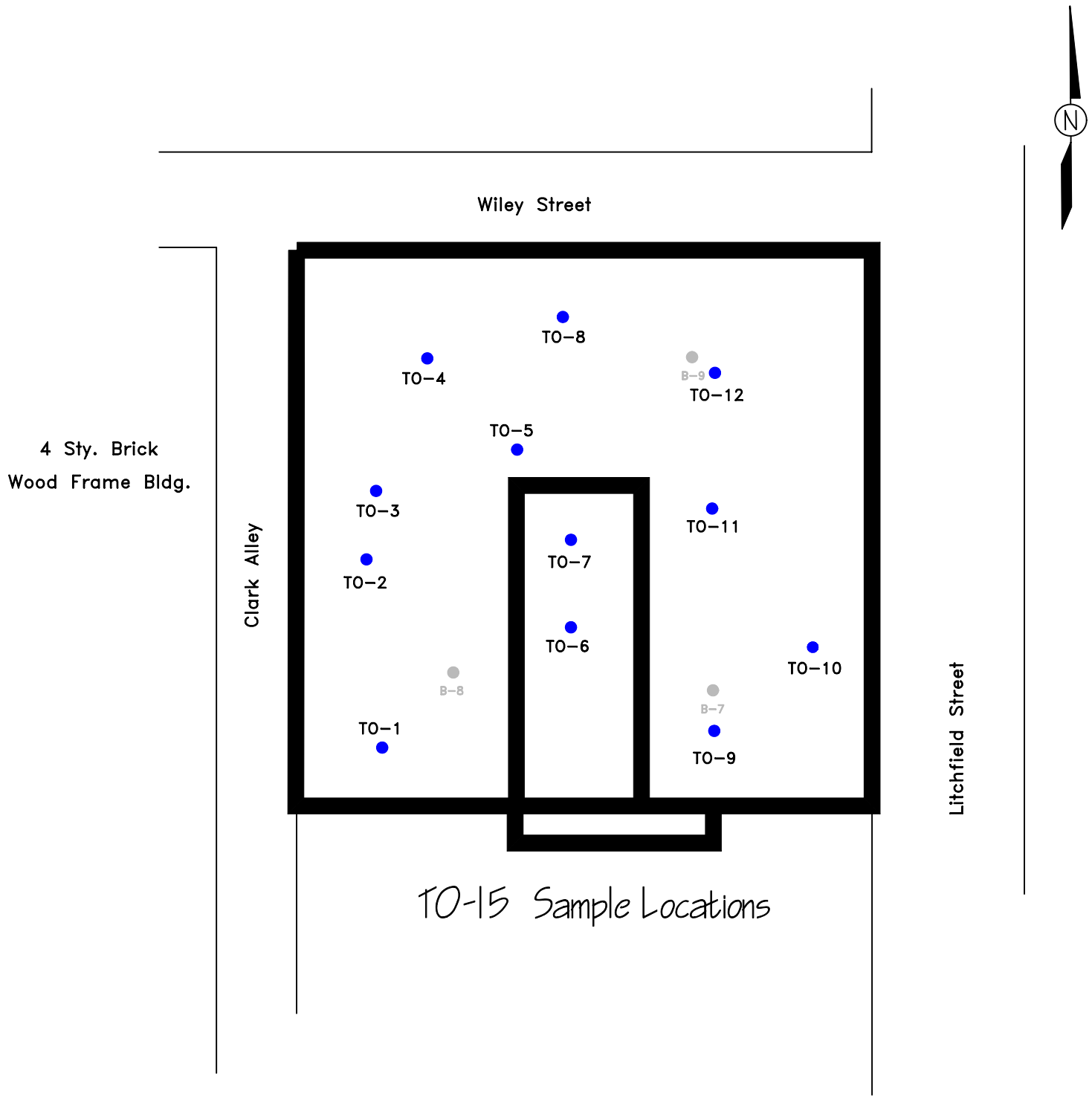
FIGURE 2-2
Sampling Location Plan

SCALE
No Scale

0 60 120

DECI Development & Environmental Consultants, Inc.

DRAWN BY	MWP	03/04/2011
CHECKED BY	MWP	03/05/2011
APPROVED BY		
REVISED		
DRAWING NUMBER	FIGURE 2–2	



TO-15 Sample Locations

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Rochester, NY

FIGURE 2-3
TO-15 Sample Location Plan

SCALE
No Scale

0 60 120

DECI Development & Environmental Consultants, Inc.

DRAWN BY	MWP	06/06/2011
CHECKED BY	MWP	06/06/2011
APPROVED BY		
REVISED		
DRAWING NUMBER	FIGURE 2-3	

Appendix B-1

Analytical Results - Soils

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

DECI

For Lab Project # 11-1825
Issued May 18, 2011
This report contains a total of 32 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"<" = analyzed for but not detected at or above the reporting limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Pesticide Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield St.	**Lab Project Number:**	11-1825
		Lab Sample Number:	6167
Client Job Number:	N/A		
Field Location:	B16 2-8 ft	**Date Sampled:**	05/03/2011
Field ID Number:	N/A	**Date Received:**	05/10/2011
Sample Type:	Soil	**Date Analyzed:**	05/16/2011

Pesticide Identification	Results in ug / Kg
Aldrin	< 3.33
alpha-BHC	< 3.33
beta-BHC	< 3.33
delta-BHC	< 3.33
gamma-BHC	< 3.33
gamma-Chlordane	< 3.33
alpha-Chlordane	< 3.33
4,4'-DDD	3.99
4,4'-DDE	< 3.33
4,4'-DDT	3.42
Dieldrin	< 3.33
Endosulfan I	< 3.33
Endosulfan II	< 3.33
Endosulfan Sulfate	< 3.33
Endrin	< 3.33
Endrin Aldehyde	< 3.33
Endrin Ketone	< 3.33
Heptachlor	< 3.33
Heptachlor Epoxide	< 3.33
Methoxychlor	< 3.33
Toxaphene	< 16.7

ELAP Number 10958

Analytical Method: EPA 8081B
Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Pesticide Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield St.	**Lab Project Number:**	11-1825
		Lab Sample Number:	6169
Client Job Number:	N/A		
Field Location:	B15 0-4 ft	**Date Sampled:**	05/03/2011
Field ID Number:	N/A	**Date Received:**	05/10/2011
Sample Type:	Soil	**Date Analyzed:**	05/16/2011

Pesticide Identification	Results in ug / Kg
Aldrin	< 3.38
alpha-BHC	< 3.38
beta-BHC	< 3.38
delta-BHC	< 3.38
gamma-BHC	< 3.38
gamma-Chlordane	< 3.38
alpha-Chlordane	< 3.38
4,4'-DDD	< 3.38
4,4'-DDE	< 3.38
4,4'-DDT	< 3.38
Dieldrin	< 3.38
Endosulfan I	< 3.38
Endosulfan II	< 3.38
Endosulfan Sulfate	< 3.38
Endrin	< 3.38
Endrin Aldehyde	< 3.38
Endrin Ketone	< 3.38
Heptachlor	< 3.38
Heptachlor Epoxide	< 3.38
Methoxychlor	< 3.38
Toxaphene	< 16.9

ELAP Number 10958

Analytical Method: EPA 8081B
Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature: 

Bruce Hoogesteger: Technical Director

PARADIGM
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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Pesticide Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield St.	**Lab Project Number:**	11-1825
		Lab Sample Number:	6171
Client Job Number:	N/A		
Field Location:	B14 0.5-4 ft	**Date Sampled:**	05/04/2011
Field ID Number:	N/A	**Date Received:**	05/10/2011
Sample Type:	Soil	**Date Analyzed:**	05/16/2011

Pesticide Identification	Results in ug / Kg
Aldrin	< 3.29
alpha-BHC	< 3.29
beta-BHC	< 3.29
delta-BHC	< 3.29
gamma-BHC	< 3.29
gamma-Chlordane	< 3.29
alpha-Chlordane	< 3.29
4,4'-DDD	< 3.29
4,4'-DDE	< 3.29
4,4'-DDT	< 3.29
Dieldrin	< 3.29
Endosulfan I	< 3.29
Endosulfan II	< 3.29
Endosulfan Sulfate	< 3.29
Endrin	< 3.29
Endrin Aldehyde	< 3.29
Endrin Ketone	< 3.29
Heptachlor	< 3.29
Heptachlor Epoxide	< 3.29
Methoxychlor	< 3.29
Toxaphene	< 16.5

ELAP Number 10958

Analytical Method: EPA 8081B
Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

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ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Pesticide Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield St.	**Lab Project Number:**	11-1825
		Lab Sample Number:	6172
Client Job Number:	N/A		
Field Location:	B13 0-4 ft	**Date Sampled:**	05/04/2011
Field ID Number:	N/A	**Date Received:**	05/10/2011
Sample Type:	Soil	**Date Analyzed:**	05/16/2011

Pesticide Identification	Results in ug / Kg
Aldrin	< 3.38
alpha-BHC	< 3.38
beta-BHC	< 3.38
delta-BHC	< 3.38
gamma-BHC	< 3.38
gamma-Chlordane	< 3.38
alpha-Chlordane	< 3.38
4,4'-DDD	< 3.38
4,4'-DDE	< 3.38
4,4'-DDT	6.65
Dieldrin	C 4.70
Endosulfan I	< 3.38
Endosulfan II	< 3.38
Endosulfan Sulfate	< 3.38
Endrin	< 3.38
Endrin Aldehyde	< 3.38
Endrin Ketone	< 3.38
Heptachlor	< 3.38
Heptachlor Epoxide	< 3.38
Methoxychlor	< 3.38
Toxaphene	< 16.9

ELAP Number 10958

Analytical Method: EPA 8081B
Prep Method: EPA 3550C

Qualifier: C denotes that the concentration differs by more than 40% between the primary and secondary columns

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Pesticide Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield St.	**Lab Project Number:**	11-1825
		Lab Sample Number:	6173
Client Job Number:	N/A		
Field Location:	B12 0-4 ft	**Date Sampled:**	05/04/2011
Field ID Number:	N/A	**Date Received:**	05/10/2011
Sample Type:	Soil	**Date Analyzed:**	05/16/2011

Pesticide Identification	Results in ug / Kg
Aldrin	< 3.42
alpha-BHC	< 3.42
beta-BHC	< 3.42
delta-BHC	< 3.42
gamma-BHC	< 3.42
gamma-Chlordane	< 3.42
alpha-Chlordane	< 3.42
4,4'-DDD	4.09
4,4'-DDE	< 3.42
4,4'-DDT	4.13
Dieldrin	< 3.42
Endosulfan I	< 3.42
Endosulfan II	< 3.42
Endosulfan Sulfate	< 3.42
Endrin	< 3.42
Endrin Aldehyde	< 3.42
Endrin Ketone	< 3.42
Heptachlor	< 3.42
Heptachlor Epoxide	< 3.42
Methoxychlor	< 3.42
Toxaphene	< 17.1

ELAP Number 10958

Analytical Method: EPA 8081B
Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature: 

Bruce Hoogesteger: Technical Director

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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Pesticide Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield St.	**Lab Project Number:**	11-1825
		Lab Sample Number:	6175
Client Job Number:	N/A		
Field Location:	B10 0-4 ft	**Date Sampled:**	05/04/2011
Field ID Number:	N/A	**Date Received:**	05/10/2011
Sample Type:	Soil	**Date Analyzed:**	05/16/2011

Pesticide Identification	Results in ug / Kg
Aldrin	< 3.43
alpha-BHC	< 3.43
beta-BHC	< 3.43
delta-BHC	< 3.43
gamma-BHC	< 3.43
gamma-Chlordane	< 3.43
alpha-Chlordane	< 3.43
4,4'-DDD	< 3.43
4,4'-DDE	< 3.43
4,4'-DDT	< 3.43
Dieldrin	< 3.43
Endosulfan I	< 3.43
Endosulfan II	< 3.43
Endosulfan Sulfate	< 3.43
Endrin	< 3.43
Endrin Aldehyde	< 3.43
Endrin Ketone	< 3.43
Heptachlor	< 3.43
Heptachlor Epoxide	< 3.43
Methoxychlor	< 3.43
Toxaphene	< 17.2

ELAP Number 10958

Analytical Method: EPA 8081B
Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Pesticide Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield St.	**Lab Project Number:**	11-1825
		Lab Sample Number:	6177
Client Job Number:	N/A		
Field Location:	B11 0.5-4 ft	**Date Sampled:**	05/04/2011
Field ID Number:	N/A	**Date Received:**	05/10/2011
Sample Type:	Soil	**Date Analyzed:**	05/16/2011

Pesticide Identification	Results in ug / Kg
Aldrin	< 3.15
alpha-BHC	< 3.15
beta-BHC	< 3.15
delta-BHC	< 3.15
gamma-BHC	< 3.15
gamma-Chlordane	< 3.15
alpha-Chlordane	< 3.15
4,4'-DDD	< 3.15
4,4'-DDE	< 3.15
4,4'-DDT	< 3.15
Dieldrin	< 3.15
Endosulfan I	< 3.15
Endosulfan II	< 3.15
Endosulfan Sulfate	< 3.15
Endrin	< 3.15
Endrin Aldehyde	< 3.15
Endrin Ketone	< 3.15
Heptachlor	< 3.15
Heptachlor Epoxide	< 3.15
Methoxychlor	< 3.15
Toxaphene	< 15.8

ELAP Number 10958

Analytical Method: EPA 8081B
Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

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ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield St	**Lab Project Number:**	11-1825
		Lab Sample Number:	6166
Client Job Number:	N/A		
Field Location:	B-6-1 6-8ft	**Date Sampled:**	05/03/2011
Field ID Number:	N/A	**Date Received:**	05/10/2011
Sample Type:	Soil	**Date Analyzed:**	05/17/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 356	Dibenz (a,h) anthracene	< 356
Anthracene	< 356	Fluoranthene	< 356
Benzo (a) anthracene	< 356	Fluorene	< 356
Benzo (a) pyrene	< 356	Indeno (1,2,3-cd) pyrene	< 356
Benzo (b) fluoranthene	< 356	Naphthalene	< 356
Benzo (g,h,i) perylene	< 356	Phenanthrene	< 356
Benzo (k) fluoranthene	< 356	Pyrene	< 356
Chrysene	< 356	Acenaphthylene	< 356
Diethyl phthalate	< 356	1,2-Dichlorobenzene	< 356
Dimethyl phthalate	< 891	1,3-Dichlorobenzene	< 356
Butylbenzylphthalate	< 356	1,4-Dichlorobenzene	< 356
Di-n-butyl phthalate	< 356	1,2,4-Trichlorobenzene	< 356
Di-n-octylphthalate	< 356	Nitrobenzene	< 356
Bis (2-ethylhexyl) phthalate	< 356	2,4-Dinitrotoluene	< 356
2-Chloronaphthalene	< 356	2,6-Dinitrotoluene	< 356
Hexachlorobenzene	< 356	Bis (2-chloroethyl) ether	< 356
Hexachloroethane	< 356	Bis (2-chloroisopropyl) ether	< 356
Hexachlorocyclopentadiene	< 356	Bis (2-chloroethoxy) methane	< 356
Hexachlorobutadiene	< 356	4-Bromophenyl phenyl ether	< 356
N-Nitroso-di-n-propylamine	< 356	4-Chlorophenyl phenyl ether	< 356
N-Nitrosodiphenylamine	< 356	Benzidine	< 891
N-Nitrosodimethylamine	< 356	3,3'-Dichlorobenzidine	< 356
Isophorone	< 356	4-Chloroaniline	< 356
Benzyl alcohol	< 891	2-Nitroaniline	< 891
Dibenzofuran	< 356	3-Nitroaniline	< 891
2-Methylnapthalene	< 356	4-Nitroaniline	< 891

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 356	2-Methylphenol	< 356
2-Chlorophenol	< 356	3&4-Methylphenol	< 356
2,4-Dichlorophenol	< 356	2,4-Dimethylphenol	< 356
2,6-Dichlorophenol	< 356	2-Nitrophenol	< 356
2,4,5-Trichlorophenol	< 891	4-Nitrophenol	< 891
2,4,6-Trichlorophenol	< 356	2,4-Dinitrophenol	< 891
Pentachlorophenol	< 891	4,6-Dinitro-2-methylphenol	< 891
4-Chloro-3-methylphenol	< 356	Benzoic acid	< 891

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S56502.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield St	**Lab Project Number:**	11-1825
		Lab Sample Number:	6167
Client Job Number:	N/A		
Field Location:	B-16 2-8ft	**Date Sampled:**	05/03/2011
Field ID Number:	N/A	**Date Received:**	05/10/2011
Sample Type:	Soil	**Date Analyzed:**	05/17/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 330	Dibenz (a,h) anthracene	< 330
Anthracene	< 330	Fluoranthene	< 330
Benzo (a) anthracene	< 330	Fluorene	< 330
Benzo (a) pyrene	< 330	Indeno (1,2,3-cd) pyrene	< 330
Benzo (b) fluoranthene	< 330	Naphthalene	< 330
Benzo (g,h,i) perylene	< 330	Phenanthrene	< 330
Benzo (k) fluoranthene	< 330	Pyrene	< 330
Chrysene	< 330	Acenaphthylene	< 330
Diethyl phthalate	< 330	1,2-Dichlorobenzene	< 330
Dimethyl phthalate	< 826	1,3-Dichlorobenzene	< 330
Butylbenzylphthalate	< 330	1,4-Dichlorobenzene	< 330
Di-n-butyl phthalate	< 330	1,2,4-Trichlorobenzene	< 330
Di-n-octylphthalate	< 330	Nitrobenzene	< 330
Bis (2-ethylhexyl) phthalate	< 330	2,4-Dinitrotoluene	< 330
2-Chloronaphthalene	< 330	2,6-Dinitrotoluene	< 330
Hexachlorobenzene	< 330	Bis (2-chloroethyl) ether	< 330
Hexachloroethane	< 330	Bis (2-chloroisopropyl) ether	< 330
Hexachlorocyclopentadiene	< 330	Bis (2-chloroethoxy) methane	< 330
Hexachlorobutadiene	< 330	4-Bromophenyl phenyl ether	< 330
N-Nitroso-di-n-propylamine	< 330	4-Chlorophenyl phenyl ether	< 330
N-Nitrosodiphenylamine	< 330	Benzidine	< 826
N-Nitrosodimethylamine	< 330	3,3'-Dichlorobenzidine	< 330
Isophorone	< 330	4-Chloroaniline	< 330
Benzyl alcohol	< 826	2-Nitroaniline	< 826
Dibenzofuran	< 330	3-Nitroaniline	< 826
2-Methylnapthalene	< 330	4-Nitroaniline	< 826

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 330	2-Methylphenol	< 330
2-Chlorophenol	< 330	3&4-Methylphenol	< 330
2,4-Dichlorophenol	< 330	2,4-Dimethylphenol	< 330
2,6-Dichlorophenol	< 330	2-Nitrophenol	< 330
2,4,5-Trichlorophenol	< 826	4-Nitrophenol	< 826
2,4,6-Trichlorophenol	< 330	2,4-Dinitrophenol	< 826
Pentachlorophenol	< 826	4,6-Dinitro-2-methylphenol	< 826
4-Chloro-3-methylphenol	< 330	Benzoic acid	< 826

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S56503.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature: 

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC
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Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield St	**Lab Project Number:**	11-1825
		Lab Sample Number:	6168
Client Job Number:	N/A		
Field Location:	B-16 10-14ft	**Date Sampled:**	05/03/2011
Field ID Number:	N/A	**Date Received:**	05/10/2011
Sample Type:	Soil	**Date Analyzed:**	05/17/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 326	Dibenz (a,h) anthracene	< 326
Anthracene	< 326	Fluoranthene	< 326
Benzo (a) anthracene	< 326	Fluorene	< 326
Benzo (a) pyrene	< 326	Indeno (1,2,3-cd) pyrene	< 326
Benzo (b) fluoranthene	< 326	Naphthalene	< 326
Benzo (g,h,i) perylene	< 326	Phenanthrene	< 326
Benzo (k) fluoranthene	< 326	Pyrene	< 326
Chrysene	< 326	Acenaphthylene	< 326
Diethyl phthalate	< 326	1,2-Dichlorobenzene	< 326
Dimethyl phthalate	< 814	1,3-Dichlorobenzene	< 326
Butylbenzylphthalate	< 326	1,4-Dichlorobenzene	< 326
Di-n-butyl phthalate	< 326	1,2,4-Trichlorobenzene	< 326
Di-n-octylphthalate	< 326	Nitrobenzene	< 326
Bis (2-ethylhexyl) phthalate	< 326	2,4-Dinitrotoluene	< 326
2-Chloronaphthalene	< 326	2,6-Dinitrotoluene	< 326
Hexachlorobenzene	< 326	Bis (2-chloroethyl) ether	< 326
Hexachloroethane	< 326	Bis (2-chloroisopropyl) ether	< 326
Hexachlorocyclopentadiene	< 326	Bis (2-chloroethoxy) methane	< 326
Hexachlorobutadiene	< 326	4-Bromophenyl phenyl ether	< 326
N-Nitroso-di-n-propylamine	< 326	4-Chlorophenyl phenyl ether	< 326
N-Nitrosodiphenylamine	< 326	Benzidine	< 814
N-Nitrosodimethylamine	< 326	3,3'-Dichlorobenzidine	< 326
Isophorone	< 326	4-Chloroaniline	< 326
Benzyl alcohol	< 814	2-Nitroaniline	< 814
Dibenzofuran	< 326	3-Nitroaniline	< 814
2-Methylnapthalene	< 326	4-Nitroaniline	< 814

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 326	2-Methylphenol	< 326
2-Chlorophenol	< 326	3&4-Methylphenol	< 326
2,4-Dichlorophenol	< 326	2,4-Dimethylphenol	< 326
2,6-Dichlorophenol	< 326	2-Nitrophenol	< 326
2,4,5-Trichlorophenol	< 814	4-Nitrophenol	< 814
2,4,6-Trichlorophenol	< 326	2,4-Dinitrophenol	< 814
Pentachlorophenol	< 814	4,6-Dinitro-2-methylphenol	< 814
4-Chloro-3-methylphenol	< 326	Benzoic acid	< 814

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S56504.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Surrogate outliers indicate probable matrix interference

Signature: _____

Bruce Hoogesteger: Technical Director

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Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield St	**Lab Project Number:**	11-1825
		Lab Sample Number:	6169
Client Job Number:	N/A		
Field Location:	B-15 0-4ft	**Date Sampled:**	05/03/2011
Field ID Number:	N/A	**Date Received:**	05/10/2011
Sample Type:	Soil	**Date Analyzed:**	05/17/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 337	Dibenz (a,h) anthracene	< 337
Anthracene	< 337	Fluoranthene	< 337
Benzo (a) anthracene	< 337	Fluorene	< 337
Benzo (a) pyrene	< 337	Indeno (1,2,3-cd) pyrene	< 337
Benzo (b) fluoranthene	< 337	Naphthalene	< 337
Benzo (g,h,i) perylene	< 337	Phenanthrene	< 337
Benzo (k) fluoranthene	< 337	Pyrene	< 337
Chrysene	< 337	Acenaphthylene	< 337
Diethyl phthalate	< 337	1,2-Dichlorobenzene	< 337
Dimethyl phthalate	< 842	1,3-Dichlorobenzene	< 337
Butylbenzylphthalate	< 337	1,4-Dichlorobenzene	< 337
Di-n-butyl phthalate	< 337	1,2,4-Trichlorobenzene	< 337
Di-n-octylphthalate	< 337	Nitrobenzene	< 337
Bis (2-ethylhexyl) phthalate	< 337	2,4-Dinitrotoluene	< 337
2-Chloronaphthalene	< 337	2,6-Dinitrotoluene	< 337
Hexachlorobenzene	< 337	Bis (2-chloroethyl) ether	< 337
Hexachloroethane	< 337	Bis (2-chloroisopropyl) ether	< 337
Hexachlorocyclopentadiene	< 337	Bis (2-chloroethoxy) methane	< 337
Hexachlorobutadiene	< 337	4-Bromophenyl phenyl ether	< 337
N-Nitroso-di-n-propylamine	< 337	4-Chlorophenyl phenyl ether	< 337
N-Nitrosodiphenylamine	< 337	Benzidine	< 842
N-Nitrosodimethylamine	< 337	3,3'-Dichlorobenzidine	< 337
Isophorone	< 337	4-Chloroaniline	< 337
Benzyl alcohol	< 842	2-Nitroaniline	< 842
Dibenzofuran	< 337	3-Nitroaniline	< 842
2-Methylnapthalene	< 337	4-Nitroaniline	< 842

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 337	2-Methylphenol	< 337
2-Chlorophenol	< 337	3&4-Methylphenol	< 337
2,4-Dichlorophenol	< 337	2,4-Dimethylphenol	< 337
2,6-Dichlorophenol	< 337	2-Nitrophenol	< 337
2,4,5-Trichlorophenol	< 842	4-Nitrophenol	< 842
2,4,6-Trichlorophenol	< 337	2,4-Dinitrophenol	< 842
Pentachlorophenol	< 842	4,6-Dinitro-2-methylphenol	< 842
4-Chloro-3-methylphenol	< 337	Benzoic acid	< 842

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S56505.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield St	**Lab Project Number:**	11-1825
		Lab Sample Number:	6170
Client Job Number:	N/A		
Field Location:	B-15 8-10ft	**Date Sampled:**	05/03/2011
Field ID Number:	N/A	**Date Received:**	05/10/2011
Sample Type:	Soil	**Date Analyzed:**	05/17/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 321	Dibenz (a,h) anthracene	< 321
Anthracene	< 321	Fluoranthene	< 321
Benzo (a) anthracene	< 321	Fluorene	< 321
Benzo (a) pyrene	< 321	Indeno (1,2,3-cd) pyrene	< 321
Benzo (b) fluoranthene	< 321	Naphthalene	< 321
Benzo (g,h,i) perylene	< 321	Phenanthrene	< 321
Benzo (k) fluoranthene	< 321	Pyrene	< 321
Chrysene	< 321	Acenaphthylene	< 321
Diethyl phthalate	< 321	1,2-Dichlorobenzene	< 321
Dimethyl phthalate	< 803	1,3-Dichlorobenzene	< 321
Butylbenzylphthalate	< 321	1,4-Dichlorobenzene	< 321
Di-n-butyl phthalate	< 321	1,2,4-Trichlorobenzene	< 321
Di-n-octylphthalate	< 321	Nitrobenzene	< 321
Bis (2-ethylhexyl) phthalate	< 321	2,4-Dinitrotoluene	< 321
2-Chloronaphthalene	< 321	2,6-Dinitrotoluene	< 321
Hexachlorobenzene	< 321	Bis (2-chloroethyl) ether	< 321
Hexachloroethane	< 321	Bis (2-chloroisopropyl) ether	< 321
Hexachlorocyclopentadiene	< 321	Bis (2-chloroethoxy) methane	< 321
Hexachlorobutadiene	< 321	4-Bromophenyl phenyl ether	< 321
N-Nitroso-di-n-propylamine	< 321	4-Chlorophenyl phenyl ether	< 321
N-Nitrosodiphenylamine	< 321	Benzidine	< 803
N-Nitrosodimethylamine	< 321	3,3'-Dichlorobenzidine	< 321
Isophorone	< 321	4-Chloroaniline	< 321
Benzyl alcohol	< 803	2-Nitroaniline	< 803
Dibenzofuran	< 321	3-Nitroaniline	< 803
2-Methylnapthalene	< 321	4-Nitroaniline	< 803

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 321	2-Methylphenol	< 321
2-Chlorophenol	< 321	3&4-Methylphenol	< 321
2,4-Dichlorophenol	< 321	2,4-Dimethylphenol	< 321
2,6-Dichlorophenol	< 321	2-Nitrophenol	< 321
2,4,5-Trichlorophenol	< 803	4-Nitrophenol	< 803
2,4,6-Trichlorophenol	< 321	2,4-Dinitrophenol	< 803
Pentachlorophenol	< 803	4,6-Dinitro-2-methylphenol	< 803
4-Chloro-3-methylphenol	< 321	Benzoic acid	< 803

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S56519.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

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ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield St	**Lab Project Number:**	11-1825
		Lab Sample Number:	6173
Client Job Number:	N/A		
Field Location:	B-12 0-4ft	**Date Sampled:**	05/04/2011
Field ID Number:	N/A	**Date Received:**	05/10/2011
Sample Type:	Soil	**Date Analyzed:**	05/17/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 338	Dibenz (a,h) anthracene	< 338
Anthracene	< 338	Fluoranthene	< 338
Benzo (a) anthracene	< 338	Fluorene	< 338
Benzo (a) pyrene	< 338	Indeno (1,2,3-cd) pyrene	< 338
Benzo (b) fluoranthene	< 338	Naphthalene	< 338
Benzo (g,h,i) perylene	< 338	Phenanthrene	< 338
Benzo (k) fluoranthene	< 338	Pyrene	< 338
Chrysene	< 338	Acenaphthylene	< 338
Diethyl phthalate	< 338	1,2-Dichlorobenzene	< 338
Dimethyl phthalate	< 845	1,3-Dichlorobenzene	< 338
Butylbenzylphthalate	< 338	1,4-Dichlorobenzene	< 338
Di-n-butyl phthalate	< 338	1,2,4-Trichlorobenzene	< 338
Di-n-octylphthalate	< 338	Nitrobenzene	< 338
Bis (2-ethylhexyl) phthalate	< 338	2,4-Dinitrotoluene	< 338
2-Chloronaphthalene	< 338	2,6-Dinitrotoluene	< 338
Hexachlorobenzene	< 338	Bis (2-chloroethyl) ether	< 338
Hexachloroethane	< 338	Bis (2-chloroisopropyl) ether	< 338
Hexachlorocyclopentadiene	< 338	Bis (2-chloroethoxy) methane	< 338
Hexachlorobutadiene	< 338	4-Bromophenyl phenyl ether	< 338
N-Nitroso-di-n-propylamine	< 338	4-Chlorophenyl phenyl ether	< 338
N-Nitrosodiphenylamine	< 338	Benzidine	< 845
N-Nitrosodimethylamine	< 338	3,3'-Dichlorobenzidine	< 338
Isophorone	< 338	4-Chloroaniline	< 338
Benzyl alcohol	< 845	2-Nitroaniline	< 845
Dibenzofuran	< 338	3-Nitroaniline	< 845
2-Methylnapthalene	< 338	4-Nitroaniline	< 845

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 338	2-Methylphenol	< 338
2-Chlorophenol	< 338	3&4-Methylphenol	< 338
2,4-Dichlorophenol	< 338	2,4-Dimethylphenol	< 338
2,6-Dichlorophenol	< 338	2-Nitrophenol	< 338
2,4,5-Trichlorophenol	< 845	4-Nitrophenol	< 845
2,4,6-Trichlorophenol	< 338	2,4-Dinitrophenol	< 845
Pentachlorophenol	< 845	4,6-Dinitro-2-methylphenol	< 845
4-Chloro-3-methylphenol	< 338	Benzoic acid	< 845

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S56520.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature: 

Bruce Hoogesteger: Technical Director

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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield St	**Lab Project Number:**	11-1825
		Lab Sample Number:	6174
Client Job Number:	N/A		
Field Location:	B-12 8-10ft	**Date Sampled:**	05/04/2011
Field ID Number:	N/A	**Date Received:**	05/10/2011
Sample Type:	Soil	**Date Analyzed:**	05/17/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 315	Dibenz (a,h) anthracene	< 315
Anthracene	< 315	Fluoranthene	< 315
Benzo (a) anthracene	< 315	Fluorene	< 315
Benzo (a) pyrene	< 315	Indeno (1,2,3-cd) pyrene	< 315
Benzo (b) fluoranthene	< 315	Naphthalene	< 315
Benzo (g,h,i) perylene	< 315	Phenanthrene	< 315
Benzo (k) fluoranthene	< 315	Pyrene	< 315
Chrysene	< 315	Acenaphthylene	< 315
Diethyl phthalate	< 315	1,2-Dichlorobenzene	< 315
Dimethyl phthalate	< 787	1,3-Dichlorobenzene	< 315
Butylbenzylphthalate	< 315	1,4-Dichlorobenzene	< 315
Di-n-butyl phthalate	< 315	1,2,4-Trichlorobenzene	< 315
Di-n-octylphthalate	< 315	Nitrobenzene	< 315
Bis (2-ethylhexyl) phthalate	< 315	2,4-Dinitrotoluene	< 315
2-Chloronaphthalene	< 315	2,6-Dinitrotoluene	< 315
Hexachlorobenzene	< 315	Bis (2-chloroethyl) ether	< 315
Hexachloroethane	< 315	Bis (2-chloroisopropyl) ether	< 315
Hexachlorocyclopentadiene	< 315	Bis (2-chloroethoxy) methane	< 315
Hexachlorobutadiene	< 315	4-Bromophenyl phenyl ether	< 315
N-Nitroso-di-n-propylamine	< 315	4-Chlorophenyl phenyl ether	< 315
N-Nitrosodiphenylamine	< 315	Benzidine	< 787
N-Nitrosodimethylamine	< 315	3,3'-Dichlorobenzidine	< 315
Isophorone	< 315	4-Chloroaniline	< 315
Benzyl alcohol	< 787	2-Nitroaniline	< 787
Dibenzofuran	< 315	3-Nitroaniline	< 787
2-Methylnapthalene	< 315	4-Nitroaniline	< 787

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 315	2-Methylphenol	< 315
2-Chlorophenol	< 315	3&4-Methylphenol	< 315
2,4-Dichlorophenol	< 315	2,4-Dimethylphenol	< 315
2,6-Dichlorophenol	< 315	2-Nitrophenol	< 315
2,4,5-Trichlorophenol	< 787	4-Nitrophenol	< 787
2,4,6-Trichlorophenol	< 315	2,4-Dinitrophenol	< 787
Pentachlorophenol	< 787	4,6-Dinitro-2-methylphenol	< 787
4-Chloro-3-methylphenol	< 315	Benzoic acid	< 787

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S56521.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Surrogate outliers indicate probable matrix interference

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield St	**Lab Project Number:**	11-1825
		Lab Sample Number:	6175
Client Job Number:	N/A		
Field Location:	B-10 0-4ft	**Date Sampled:**	05/04/2011
Field ID Number:	N/A	**Date Received:**	05/10/2011
Sample Type:	Soil	**Date Analyzed:**	05/17/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 345	Dibenz (a,h) anthracene	< 345
Anthracene	< 345	Fluoranthene	< 345
Benzo (a) anthracene	< 345	Fluorene	< 345
Benzo (a) pyrene	< 345	Indeno (1,2,3-cd) pyrene	< 345
Benzo (b) fluoranthene	< 345	Naphthalene	< 345
Benzo (g,h,i) perylene	< 345	Phenanthrene	< 345
Benzo (k) fluoranthene	< 345	Pyrene	< 345
Chrysene	< 345	Acenaphthylene	< 345
Diethyl phthalate	< 345	1,2-Dichlorobenzene	< 345
Dimethyl phthalate	< 863	1,3-Dichlorobenzene	< 345
Butylbenzylphthalate	< 345	1,4-Dichlorobenzene	< 345
Di-n-butyl phthalate	< 345	1,2,4-Trichlorobenzene	< 345
Di-n-octylphthalate	< 345	Nitrobenzene	< 345
Bis (2-ethylhexyl) phthalate	< 345	2,4-Dinitrotoluene	< 345
2-Chloronaphthalene	< 345	2,6-Dinitrotoluene	< 345
Hexachlorobenzene	< 345	Bis (2-chloroethyl) ether	< 345
Hexachloroethane	< 345	Bis (2-chloroisopropyl) ether	< 345
Hexachlorocyclopentadiene	< 345	Bis (2-chloroethoxy) methane	< 345
Hexachlorobutadiene	< 345	4-Bromophenyl phenyl ether	< 345
N-Nitroso-di-n-propylamine	< 345	4-Chlorophenyl phenyl ether	< 345
N-Nitrosodiphenylamine	< 345	Benzidine	< 863
N-Nitrosodimethylamine	< 345	3,3'-Dichlorobenzidine	< 345
Isophorone	< 345	4-Chloroaniline	< 345
Benzyl alcohol	< 863	2-Nitroaniline	< 863
Dibenzofuran	< 345	3-Nitroaniline	< 863
2-Methylnapthalene	< 345	4-Nitroaniline	< 863

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 345	2-Methylphenol	< 345
2-Chlorophenol	< 345	3&4-Methylphenol	< 345
2,4-Dichlorophenol	< 345	2,4-Dimethylphenol	< 345
2,6-Dichlorophenol	< 345	2-Nitrophenol	< 345
2,4,5-Trichlorophenol	< 863	4-Nitrophenol	< 863
2,4,6-Trichlorophenol	< 345	2,4-Dinitrophenol	< 863
Pentachlorophenol	< 863	4,6-Dinitro-2-methylphenol	< 863
4-Chloro-3-methylphenol	< 345	Benzoic acid	< 863

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S56522.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield St	**Lab Project Number:**	11-1825
		Lab Sample Number:	6176
Client Job Number:	N/A		
Field Location:	B-10 8-10ft	**Date Sampled:**	05/04/2011
Field ID Number:	N/A	**Date Received:**	05/10/2011
Sample Type:	Soil	**Date Analyzed:**	05/17/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 320	Dibenz (a,h) anthracene	< 320
Anthracene	< 320	Fluoranthene	< 320
Benzo (a) anthracene	< 320	Fluorene	< 320
Benzo (a) pyrene	< 320	Indeno (1,2,3-cd) pyrene	< 320
Benzo (b) fluoranthene	< 320	Naphthalene	< 320
Benzo (g,h,i) perylene	< 320	Phenanthrene	< 320
Benzo (k) fluoranthene	< 320	Pyrene	< 320
Chrysene	< 320	Acenaphthylene	< 320
Diethyl phthalate	< 320	1,2-Dichlorobenzene	< 320
Dimethyl phthalate	< 800	1,3-Dichlorobenzene	< 320
Butylbenzylphthalate	< 320	1,4-Dichlorobenzene	< 320
Di-n-butyl phthalate	< 320	1,2,4-Trichlorobenzene	< 320
Di-n-octylphthalate	< 320	Nitrobenzene	< 320
Bis (2-ethylhexyl) phthalate	< 320	2,4-Dinitrotoluene	< 320
2-Chloronaphthalene	< 320	2,6-Dinitrotoluene	< 320
Hexachlorobenzene	< 320	Bis (2-chloroethyl) ether	< 320
Hexachloroethane	< 320	Bis (2-chloroisopropyl) ether	< 320
Hexachlorocyclopentadiene	< 320	Bis (2-chloroethoxy) methane	< 320
Hexachlorobutadiene	< 320	4-Bromophenyl phenyl ether	< 320
N-Nitroso-di-n-propylamine	< 320	4-Chlorophenyl phenyl ether	< 320
N-Nitrosodiphenylamine	< 320	Benzidine	< 800
N-Nitrosodimethylamine	< 320	3,3'-Dichlorobenzidine	< 320
Isophorone	< 320	4-Chloroaniline	< 320
Benzyl alcohol	< 800	2-Nitroaniline	< 800
Dibenzofuran	< 320	3-Nitroaniline	< 800
2-Methylnapthalene	< 320	4-Nitroaniline	< 800

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 320	2-Methylphenol	< 320
2-Chlorophenol	< 320	3&4-Methylphenol	< 320
2,4-Dichlorophenol	< 320	2,4-Dimethylphenol	< 320
2,6-Dichlorophenol	< 320	2-Nitrophenol	< 320
2,4,5-Trichlorophenol	< 800	4-Nitrophenol	< 800
2,4,6-Trichlorophenol	< 320	2,4-Dinitrophenol	< 800
Pentachlorophenol	< 800	4,6-Dinitro-2-methylphenol	< 800
4-Chloro-3-methylphenol	< 320	Benzoic acid	< 800

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S56523.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Surrogate outliers indicate probable matrix interference

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield St	**Lab Project Number:**	11-1825
		Lab Sample Number:	6177
Client Job Number:	N/A		
Field Location:	B-11 0.5-4ft	**Date Sampled:**	05/04/2011
Field ID Number:	N/A	**Date Received:**	05/10/2011
Sample Type:	Soil	**Date Analyzed:**	05/17/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 315	Dibenz (a,h) anthracene	< 315
Anthracene	< 315	Fluoranthene	< 315
Benzo (a) anthracene	< 315	Fluorene	< 315
Benzo (a) pyrene	< 315	Indeno (1,2,3-cd) pyrene	< 315
Benzo (b) fluoranthene	< 315	Naphthalene	< 315
Benzo (g,h,i) perylene	< 315	Phenanthrene	< 315
Benzo (k) fluoranthene	< 315	Pyrene	< 315
Chrysene	< 315	Acenaphthylene	< 315
Diethyl phthalate	< 315	1,2-Dichlorobenzene	< 315
Dimethyl phthalate	< 789	1,3-Dichlorobenzene	< 315
Butylbenzylphthalate	< 315	1,4-Dichlorobenzene	< 315
Di-n-butyl phthalate	< 315	1,2,4-Trichlorobenzene	< 315
Di-n-octylphthalate	< 315	Nitrobenzene	< 315
Bis (2-ethylhexyl) phthalate	< 315	2,4-Dinitrotoluene	< 315
2-Chloronaphthalene	< 315	2,6-Dinitrotoluene	< 315
Hexachlorobenzene	< 315	Bis (2-chloroethyl) ether	< 315
Hexachloroethane	< 315	Bis (2-chloroisopropyl) ether	< 315
Hexachlorocyclopentadiene	< 315	Bis (2-chloroethoxy) methane	< 315
Hexachlorobutadiene	< 315	4-Bromophenyl phenyl ether	< 315
N-Nitroso-di-n-propylamine	< 315	4-Chlorophenyl phenyl ether	< 315
N-Nitrosodiphenylamine	< 315	Benzidine	< 789
N-Nitrosodimethylamine	< 315	3,3'-Dichlorobenzidine	< 315
Isophorone	< 315	4-Chloroaniline	< 315
Benzyl alcohol	< 789	2-Nitroaniline	< 789
Dibenzofuran	< 315	3-Nitroaniline	< 789
2-Methylnapthalene	< 315	4-Nitroaniline	< 789

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 315	2-Methylphenol	< 315
2-Chlorophenol	< 315	3&4-Methylphenol	< 315
2,4-Dichlorophenol	< 315	2,4-Dimethylphenol	< 315
2,6-Dichlorophenol	< 315	2-Nitrophenol	< 315
2,4,5-Trichlorophenol	< 789	4-Nitrophenol	< 789
2,4,6-Trichlorophenol	< 315	2,4-Dinitrophenol	< 789
Pentachlorophenol	< 789	4,6-Dinitro-2-methylphenol	< 789
4-Chloro-3-methylphenol	< 315	Benzoic acid	< 789

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S56524.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Surrogate outliers indicate probable matrix interference

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield St	**Lab Project Number:**	11-1825
		Lab Sample Number:	6178
Client Job Number:	N/A		
Field Location:	B-11 8-10ft	**Date Sampled:**	05/04/2011
Field ID Number:	N/A	**Date Received:**	05/10/2011
Sample Type:	Soil	**Date Analyzed:**	05/17/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 329	Dibenz (a,h) anthracene	< 329
Anthracene	< 329	Fluoranthene	< 329
Benzo (a) anthracene	< 329	Fluorene	< 329
Benzo (a) pyrene	< 329	Indeno (1,2,3-cd) pyrene	< 329
Benzo (b) fluoranthene	< 329	Naphthalene	< 329
Benzo (g,h,i) perylene	< 329	Phenanthrene	< 329
Benzo (k) fluoranthene	< 329	Pyrene	< 329
Chrysene	< 329	Acenaphthylene	< 329
Diethyl phthalate	< 329	1,2-Dichlorobenzene	< 329
Dimethyl phthalate	< 822	1,3-Dichlorobenzene	< 329
Butylbenzylphthalate	< 329	1,4-Dichlorobenzene	< 329
Di-n-butyl phthalate	< 329	1,2,4-Trichlorobenzene	< 329
Di-n-octylphthalate	< 329	Nitrobenzene	< 329
Bis (2-ethylhexyl) phthalate	< 329	2,4-Dinitrotoluene	< 329
2-Chloronaphthalene	< 329	2,6-Dinitrotoluene	< 329
Hexachlorobenzene	< 329	Bis (2-chloroethyl) ether	< 329
Hexachloroethane	< 329	Bis (2-chloroisopropyl) ether	< 329
Hexachlorocyclopentadiene	< 329	Bis (2-chloroethoxy) methane	< 329
Hexachlorobutadiene	< 329	4-Bromophenyl phenyl ether	< 329
N-Nitroso-di-n-propylamine	< 329	4-Chlorophenyl phenyl ether	< 329
N-Nitrosodiphenylamine	< 329	Benzidine	< 822
N-Nitrosodimethylamine	< 329	3,3'-Dichlorobenzidine	< 329
Isophorone	< 329	4-Chloroaniline	< 329
Benzyl alcohol	< 822	2-Nitroaniline	< 822
Dibenzofuran	< 329	3-Nitroaniline	< 822
2-Methylnapthalene	< 329	4-Nitroaniline	< 822

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 329	2-Methylphenol	< 329
2-Chlorophenol	< 329	3&4-Methylphenol	< 329
2,4-Dichlorophenol	< 329	2,4-Dimethylphenol	< 329
2,6-Dichlorophenol	< 329	2-Nitrophenol	< 329
2,4,5-Trichlorophenol	< 822	4-Nitrophenol	< 822
2,4,6-Trichlorophenol	< 329	2,4-Dinitrophenol	< 822
Pentachlorophenol	< 822	4,6-Dinitro-2-methylphenol	< 822
4-Chloro-3-methylphenol	< 329	Benzoic acid	< 822

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S56525.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Surrogate outliers indicate probable matrix interference

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield St.
Client Job Number: N/A
Field Location: B-6-1 6-8 ft
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 11-1825
Lab Sample Number: 6166

Date Sampled: 05/03/2011
Date Received: 05/10/2011
Date Analyzed: 05/13/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 8.97
Bromomethane	< 8.97
Bromoform	< 22.4
Carbon Tetrachloride	< 8.97
Chloroethane	< 8.97
Chloromethane	< 8.97
2-Chloroethyl vinyl Ether	< 44.9
Chloroform	< 8.97
Dibromochloromethane	< 8.97
1,1-Dichloroethane	< 8.97
1,2-Dichloroethane	< 8.97
1,1-Dichloroethene	< 8.97
cis-1,2-Dichloroethene	< 8.97
trans-1,2-Dichloroethene	< 8.97
1,2-Dichloropropane	< 8.97
cis-1,3-Dichloropropene	< 8.97
trans-1,3-Dichloropropene	< 8.97
Methylene chloride	< 22.4
1,1,2,2-Tetrachloroethane	< 8.97
Tetrachloroethene	< 8.97
1,1,1-Trichloroethane	< 8.97
1,1,2-Trichloroethane	< 8.97
Trichloroethene	< 8.97
Trichlorofluoromethane	< 8.97
Vinyl chloride	< 8.97

Aromatics	Results in ug / Kg
Benzene	< 8.97
Chlorobenzene	< 8.97
Ethylbenzene	< 8.97
Toluene	< 8.97
m,p-Xylene	< 8.97
o-Xylene	< 8.97
Styrene	< 22.4
1,2-Dichlorobenzene	< 8.97
1,3-Dichlorobenzene	< 8.97
1,4-Dichlorobenzene	< 8.97

Ketones	Results in ug / Kg
Acetone	< 44.9
2-Butanone	< 44.9
2-Hexanone	< 22.4
4-Methyl-2-pentanone	< 22.4

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 8.97
Vinyl acetate	< 22.4

ELAP Number 10958 Method: EPA 8260B Data File: V84599.D

Comments: ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield St.
Client Job Number: N/A
Field Location: B-16 2-8 ft
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 11-1825
Lab Sample Number: 6167

Date Sampled: 05/03/2011
Date Received: 05/10/2011
Date Analyzed: 05/13/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 8.61
Bromomethane	< 8.61
Bromoform	< 21.5
Carbon Tetrachloride	< 8.61
Chloroethane	< 8.61
Chloromethane	< 8.61
2-Chloroethyl vinyl Ether	< 43.1
Chloroform	< 8.61
Dibromochloromethane	< 8.61
1,1-Dichloroethane	< 8.61
1,2-Dichloroethane	< 8.61
1,1-Dichloroethene	< 8.61
cis-1,2-Dichloroethene	< 8.61
trans-1,2-Dichloroethene	< 8.61
1,2-Dichloropropane	< 8.61
cis-1,3-Dichloropropene	< 8.61
trans-1,3-Dichloropropene	< 8.61
Methylene chloride	< 21.5
1,1,2,2-Tetrachloroethane	< 8.61
Tetrachloroethene	< 8.61
1,1,1-Trichloroethane	< 8.61
1,1,2-Trichloroethane	< 8.61
Trichloroethene	< 8.61
Trichlorofluoromethane	< 8.61
Vinyl chloride	< 8.61

Aromatics	Results in ug / Kg
Benzene	< 8.61
Chlorobenzene	< 8.61
Ethylbenzene	< 8.61
Toluene	< 8.61
m,p-Xylene	< 8.61
o-Xylene	< 8.61
Styrene	< 21.5
1,2-Dichlorobenzene	< 8.61
1,3-Dichlorobenzene	< 8.61
1,4-Dichlorobenzene	< 8.61

Ketones	Results in ug / Kg
Acetone	< 43.1
2-Butanone	< 43.1
2-Hexanone	< 21.5
4-Methyl-2-pentanone	< 21.5

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 8.61
Vinyl acetate	< 21.5

ELAP Number 10958 Method: EPA 8260B Data File: V84600.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield St.
Client Job Number: N/A
Field Location: B-16 10-14 ft
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 11-1825
Lab Sample Number: 6168

Date Sampled: 05/03/2011
Date Received: 05/10/2011
Date Analyzed: 05/13/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 5.85
Bromomethane	< 5.85
Bromoform	< 14.6
Carbon Tetrachloride	< 5.85
Chloroethane	< 5.85
Chloromethane	< 5.85
2-Chloroethyl vinyl Ether	< 29.2
Chloroform	< 5.85
Dibromochloromethane	< 5.85
1,1-Dichloroethane	< 5.85
1,2-Dichloroethane	< 5.85
1,1-Dichloroethene	< 5.85
cis-1,2-Dichloroethene	< 5.85
trans-1,2-Dichloroethene	< 5.85
1,2-Dichloropropane	< 5.85
cis-1,3-Dichloropropene	< 5.85
trans-1,3-Dichloropropene	< 5.85
Methylene chloride	< 14.6
1,1,2,2-Tetrachloroethane	< 5.85
Tetrachloroethene	< 5.85
1,1,1-Trichloroethane	< 5.85
1,1,2-Trichloroethane	< 5.85
Trichloroethene	< 5.85
Trichlorofluoromethane	< 5.85
Vinyl chloride	< 5.85

Aromatics	Results in ug / Kg
Benzene	< 5.85
Chlorobenzene	< 5.85
Ethylbenzene	< 5.85
Toluene	< 5.85
m,p-Xylene	< 5.85
o-Xylene	< 5.85
Styrene	< 14.6
1,2-Dichlorobenzene	< 5.85
1,3-Dichlorobenzene	< 5.85
1,4-Dichlorobenzene	< 5.85

Ketones	Results in ug / Kg
Acetone	< 29.2
2-Butanone	< 29.2
2-Hexanone	< 14.6
4-Methyl-2-pentanone	< 14.6

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 5.85
Vinyl acetate	< 14.6

ELAP Number 10958 Method: EPA 8260B Data File: V84601.D

Comments: ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.
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Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield St.
Client Job Number: N/A
Field Location: B-15 0-4 ft
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 11-1825
Lab Sample Number: 6169

Date Sampled: 05/03/2011
Date Received: 05/10/2011
Date Analyzed: 05/13/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 8.08
Bromomethane	< 8.08
Bromoform	< 20.2
Carbon Tetrachloride	< 8.08
Chloroethane	< 8.08
Chloromethane	< 8.08
2-Chloroethyl vinyl Ether	< 40.4
Chloroform	< 8.08
Dibromochloromethane	< 8.08
1,1-Dichloroethane	< 8.08
1,2-Dichloroethane	< 8.08
1,1-Dichloroethene	< 8.08
cis-1,2-Dichloroethene	< 8.08
trans-1,2-Dichloroethene	< 8.08
1,2-Dichloropropane	< 8.08
cis-1,3-Dichloropropene	< 8.08
trans-1,3-Dichloropropene	< 8.08
Methylene chloride	< 20.2
1,1,2,2-Tetrachloroethane	< 8.08
Tetrachloroethene	< 8.08
1,1,1-Trichloroethane	< 8.08
1,1,2-Trichloroethane	< 8.08
Trichloroethene	< 8.08
Trichlorofluoromethane	< 8.08
Vinyl chloride	< 8.08

Aromatics	Results in ug / Kg
Benzene	< 8.08
Chlorobenzene	< 8.08
Ethylbenzene	< 8.08
Toluene	< 8.08
m,p-Xylene	< 8.08
o-Xylene	< 8.08
Styrene	< 20.2
1,2-Dichlorobenzene	< 8.08
1,3-Dichlorobenzene	< 8.08
1,4-Dichlorobenzene	< 8.08

Ketones	Results in ug / Kg
Acetone	< 40.4
2-Butanone	< 40.4
2-Hexanone	< 20.2
4-Methyl-2-pentanone	< 20.2

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 8.08
Vinyl acetate	< 20.2

ELAP Number 10958 Method: EPA 8260B Data File: V84602.D

Comments: ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield St.
Client Job Number: N/A
Field Location: B-15 8-10 ft
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 11-1825
Lab Sample Number: 6170

Date Sampled: 05/03/2011
Date Received: 05/10/2011
Date Analyzed: 05/13/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 5.95
Bromomethane	< 5.95
Bromoform	< 14.9
Carbon Tetrachloride	< 5.95
Chloroethane	< 5.95
Chloromethane	< 5.95
2-Chloroethyl vinyl Ether	< 29.8
Chloroform	< 5.95
Dibromochloromethane	< 5.95
1,1-Dichloroethane	< 5.95
1,2-Dichloroethane	< 5.95
1,1-Dichloroethene	< 5.95
cis-1,2-Dichloroethene	< 5.95
trans-1,2-Dichloroethene	< 5.95
1,2-Dichloropropane	< 5.95
cis-1,3-Dichloropropene	< 5.95
trans-1,3-Dichloropropene	< 5.95
Methylene chloride	< 14.9
1,1,2,2-Tetrachloroethane	< 5.95
Tetrachloroethene	< 5.95
1,1,1-Trichloroethane	< 5.95
1,1,2-Trichloroethane	< 5.95
Trichloroethene	< 5.95
Trichlorofluoromethane	< 5.95
Vinyl chloride	< 5.95

Aromatics	Results in ug / Kg
Benzene	< 5.95
Chlorobenzene	< 5.95
Ethylbenzene	< 5.95
Toluene	< 5.95
m,p-Xylene	< 5.95
o-Xylene	< 5.95
Styrene	< 14.9
1,2-Dichlorobenzene	< 5.95
1,3-Dichlorobenzene	< 5.95
1,4-Dichlorobenzene	< 5.95

Ketones	Results in ug / Kg
Acetone	42.2
2-Butanone	< 29.8
2-Hexanone	< 14.9
4-Methyl-2-pentanone	< 14.9

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 5.95
Vinyl acetate	< 14.9

ELAP Number 10958 Method: EPA 8260B Data File: V84603.D

Comments: ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield St.
Client Job Number: N/A
Field Location: B-12 0-4 ft
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 11-1825
Lab Sample Number: 6173

Date Sampled: 05/04/2011
Date Received: 05/10/2011
Date Analyzed: 05/13/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 10.3
Bromomethane	< 10.3
Bromoform	< 25.8
Carbon Tetrachloride	< 10.3
Chloroethane	< 10.3
Chloromethane	< 10.3
2-Chloroethyl vinyl Ether	< 51.6
Chloroform	< 10.3
Dibromochloromethane	< 10.3
1,1-Dichloroethane	< 10.3
1,2-Dichloroethane	< 10.3
1,1-Dichloroethene	< 10.3
cis-1,2-Dichloroethene	< 10.3
trans-1,2-Dichloroethene	< 10.3
1,2-Dichloropropane	< 10.3
cis-1,3-Dichloropropene	< 10.3
trans-1,3-Dichloropropene	< 10.3
Methylene chloride	< 25.8
1,1,2,2-Tetrachloroethane	< 10.3
Tetrachloroethene	< 10.3
1,1,1-Trichloroethane	< 10.3
1,1,2-Trichloroethane	< 10.3
Trichloroethene	< 10.3
Trichlorofluoromethane	< 10.3
Vinyl chloride	< 10.3

Aromatics	Results in ug / Kg
Benzene	< 10.3
Chlorobenzene	< 10.3
Ethylbenzene	< 10.3
Toluene	< 10.3
m,p-Xylene	< 10.3
o-Xylene	< 10.3
Styrene	< 25.8
1,2-Dichlorobenzene	< 10.3
1,3-Dichlorobenzene	< 10.3
1,4-Dichlorobenzene	< 10.3

Ketones	Results in ug / Kg
Acetone	< 51.6
2-Butanone	< 51.6
2-Hexanone	< 25.8
4-Methyl-2-pentanone	< 25.8

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 10.3
Vinyl acetate	< 25.8

ELAP Number 10958 Method: EPA 8260B Data File: V84604.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield St.
Client Job Number: N/A
Field Location: B-12 8-10 ft
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 11-1825
Lab Sample Number: 6174

Date Sampled: 05/04/2011
Date Received: 05/10/2011
Date Analyzed: 05/13/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 6.93
Bromomethane	< 6.93
Bromoform	< 17.3
Carbon Tetrachloride	< 6.93
Chloroethane	< 6.93
Chloromethane	< 6.93
2-Chloroethyl vinyl Ether	< 34.6
Chloroform	< 6.93
Dibromochloromethane	< 6.93
1,1-Dichloroethane	< 6.93
1,2-Dichloroethane	< 6.93
1,1-Dichloroethene	< 6.93
cis-1,2-Dichloroethene	< 6.93
trans-1,2-Dichloroethene	< 6.93
1,2-Dichloropropane	< 6.93
cis-1,3-Dichloropropene	< 6.93
trans-1,3-Dichloropropene	< 6.93
Methylene chloride	< 17.3
1,1,2,2-Tetrachloroethane	< 6.93
Tetrachloroethene	< 6.93
1,1,1-Trichloroethane	< 6.93
1,1,2-Trichloroethane	< 6.93
Trichloroethene	< 6.93
Trichlorofluoromethane	< 6.93
Vinyl chloride	< 6.93

Aromatics	Results in ug / Kg
Benzene	< 6.93
Chlorobenzene	< 6.93
Ethylbenzene	< 6.93
Toluene	< 6.93
m,p-Xylene	< 6.93
o-Xylene	< 6.93
Styrene	< 17.3
1,2-Dichlorobenzene	< 6.93
1,3-Dichlorobenzene	< 6.93
1,4-Dichlorobenzene	< 6.93

Ketones	Results in ug / Kg
Acetone	69.7
2-Butanone	< 34.6
2-Hexanone	< 17.3
4-Methyl-2-pentanone	< 17.3

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 6.93
Vinyl acetate	< 17.3

ELAP Number 10958 Method: EPA 8260B Data File: V84605.D

Comments: ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield St.
Client Job Number: N/A
Field Location: B-10 0-4 ft
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 11-1825
Lab Sample Number: 6175

Date Sampled: 05/04/2011
Date Received: 05/10/2011
Date Analyzed: 05/13/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 9.51
Bromomethane	< 9.51
Bromoform	< 23.8
Carbon Tetrachloride	< 9.51
Chloroethane	< 9.51
Chloromethane	< 9.51
2-Chloroethyl vinyl Ether	< 47.5
Chloroform	< 9.51
Dibromochloromethane	< 9.51
1,1-Dichloroethane	< 9.51
1,2-Dichloroethane	< 9.51
1,1-Dichloroethene	< 9.51
cis-1,2-Dichloroethene	< 9.51
trans-1,2-Dichloroethene	< 9.51
1,2-Dichloropropane	< 9.51
cis-1,3-Dichloropropene	< 9.51
trans-1,3-Dichloropropene	< 9.51
Methylene chloride	< 23.8
1,1,2,2-Tetrachloroethane	< 9.51
Tetrachloroethene	< 9.51
1,1,1-Trichloroethane	< 9.51
1,1,2-Trichloroethane	< 9.51
Trichloroethene	< 9.51
Trichlorofluoromethane	< 9.51
Vinyl chloride	< 9.51

Aromatics	Results in ug / Kg
Benzene	< 9.51
Chlorobenzene	< 9.51
Ethylbenzene	< 9.51
Toluene	< 9.51
m,p-Xylene	< 9.51
o-Xylene	< 9.51
Styrene	< 23.8
1,2-Dichlorobenzene	< 9.51
1,3-Dichlorobenzene	< 9.51
1,4-Dichlorobenzene	< 9.51

Ketones	Results in ug / Kg
Acetone	< 47.5
2-Butanone	< 47.5
2-Hexanone	< 23.8
4-Methyl-2-pentanone	< 23.8

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 9.51
Vinyl acetate	< 23.8

ELAP Number 10958 Method: EPA 8260B Data File: V84606.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield St.
Client Job Number: N/A
Field Location: B-10 8-10 ft
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 11-1825
Lab Sample Number: 6176

Date Sampled: 05/04/2011
Date Received: 05/10/2011
Date Analyzed: 05/13/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 8.82
Bromomethane	< 8.82
Bromoform	< 22.0
Carbon Tetrachloride	< 8.82
Chloroethane	< 8.82
Chloromethane	< 8.82
2-Chloroethyl vinyl Ether	< 44.1
Chloroform	< 8.82
Dibromochloromethane	< 8.82
1,1-Dichloroethane	< 8.82
1,2-Dichloroethane	< 8.82
1,1-Dichloroethene	< 8.82
cis-1,2-Dichloroethene	< 8.82
trans-1,2-Dichloroethene	< 8.82
1,2-Dichloropropane	< 8.82
cis-1,3-Dichloropropene	< 8.82
trans-1,3-Dichloropropene	< 8.82
Methylene chloride	< 22.0
1,1,2,2-Tetrachloroethane	< 8.82
Tetrachloroethene	< 8.82
1,1,1-Trichloroethane	< 8.82
1,1,2-Trichloroethane	< 8.82
Trichloroethene	< 8.82
Trichlorofluoromethane	< 8.82
Vinyl chloride	< 8.82

Aromatics	Results in ug / Kg
Benzene	< 8.82
Chlorobenzene	< 8.82
Ethylbenzene	< 8.82
Toluene	< 8.82
m,p-Xylene	< 8.82
o-Xylene	< 8.82
Styrene	< 22.0
1,2-Dichlorobenzene	< 8.82
1,3-Dichlorobenzene	< 8.82
1,4-Dichlorobenzene	< 8.82

Ketones	Results in ug / Kg
Acetone	< 44.1
2-Butanone	< 44.1
2-Hexanone	< 22.0
4-Methyl-2-pentanone	< 22.0

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 8.82
Vinyl acetate	< 22.0

ELAP Number 10958 Method: EPA 8260B Data File: V84607.D

Comments: ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield St.
Client Job Number: N/A
Field Location: B-11 0.5-4 ft
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 11-1825
Lab Sample Number: 6177

Date Sampled: 05/04/2011
Date Received: 05/10/2011
Date Analyzed: 05/13/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 6.97
Bromomethane	< 6.97
Bromoform	< 17.4
Carbon Tetrachloride	< 6.97
Chloroethane	< 6.97
Chloromethane	< 6.97
2-Chloroethyl vinyl Ether	< 34.8
Chloroform	< 6.97
Dibromochloromethane	< 6.97
1,1-Dichloroethane	< 6.97
1,2-Dichloroethane	< 6.97
1,1-Dichloroethene	< 6.97
cis-1,2-Dichloroethene	< 6.97
trans-1,2-Dichloroethene	< 6.97
1,2-Dichloropropane	< 6.97
cis-1,3-Dichloropropene	< 6.97
trans-1,3-Dichloropropene	< 6.97
Methylene chloride	< 17.4
1,1,2,2-Tetrachloroethane	< 6.97
Tetrachloroethene	< 6.97
1,1,1-Trichloroethane	< 6.97
1,1,2-Trichloroethane	< 6.97
Trichloroethene	< 6.97
Trichlorofluoromethane	< 6.97
Vinyl chloride	< 6.97

Aromatics	Results in ug / Kg
Benzene	< 6.97
Chlorobenzene	< 6.97
Ethylbenzene	< 6.97
Toluene	< 6.97
m,p-Xylene	< 6.97
o-Xylene	< 6.97
Styrene	< 17.4
1,2-Dichlorobenzene	< 6.97
1,3-Dichlorobenzene	< 6.97
1,4-Dichlorobenzene	< 6.97

Ketones	Results in ug / Kg
Acetone	< 34.8
2-Butanone	< 34.8
2-Hexanone	< 17.4
4-Methyl-2-pentanone	< 17.4

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 6.97
Vinyl acetate	< 17.4

ELAP Number 10958 Method: EPA 8260B Data File: V84608.D

Comments: ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield St.
Client Job Number: N/A
Field Location: B-11 8-10 ft
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 11-1825
Lab Sample Number: 6178
Date Sampled: 05/04/2011
Date Received: 05/10/2011
Date Analyzed: 05/13/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 7.01
Bromomethane	< 7.01
Bromoform	< 17.5
Carbon Tetrachloride	< 7.01
Chloroethane	< 7.01
Chloromethane	< 7.01
2-Chloroethyl vinyl Ether	< 35.1
Chloroform	< 7.01
Dibromochloromethane	< 7.01
1,1-Dichloroethane	< 7.01
1,2-Dichloroethane	< 7.01
1,1-Dichloroethene	< 7.01
cis-1,2-Dichloroethene	< 7.01
trans-1,2-Dichloroethene	< 7.01
1,2-Dichloropropane	< 7.01
cis-1,3-Dichloropropene	< 7.01
trans-1,3-Dichloropropene	< 7.01
Methylene chloride	< 17.5
1,1,2,2-Tetrachloroethane	< 7.01
Tetrachloroethene	< 7.01
1,1,1-Trichloroethane	< 7.01
1,1,2-Trichloroethane	< 7.01
Trichloroethene	< 7.01
Trichlorofluoromethane	< 7.01
Vinyl chloride	< 7.01

Aromatics	Results in ug / Kg
Benzene	< 7.01
Chlorobenzene	< 7.01
Ethylbenzene	< 7.01
Toluene	< 7.01
m,p-Xylene	< 7.01
o-Xylene	< 7.01
Styrene	< 17.5
1,2-Dichlorobenzene	< 7.01
1,3-Dichlorobenzene	< 7.01
1,4-Dichlorobenzene	< 7.01

Ketones	Results in ug / Kg
Acetone	< 35.1
2-Butanone	< 35.1
2-Hexanone	< 17.5
4-Methyl-2-pentanone	< 17.5

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 7.01
Vinyl acetate	< 17.5

ELAP Number 10958 Method: EPA 8260B Data File: V84609.D

Comments: ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:		
COMPANY: DECI	COMPANY:	LAB PROJECT #: 11-1825	CLIENT PROJECT #:
ADDRESS: 378 DURHAM ROAD	ADDRESS:		
CITY: HAMBURG STATE: NY ZIP: 14075	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)	
PHONE: 716-639-5958 FAX:	PHONE: FAX:	STD ☒ 5	OTHER ☐
PROJECT NAME/SITE NAME: 33 Litchfield St	ATTN: PUFPAFF	ATTN:	☐ 1 ☐ 2 ☐ 3
	COMMENTS: Re: Email to mwpdi@D-E-C.com		

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260 TCL	8270 TCL	8081	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/3/11		X		B-6-1 6-8 ft	Soil	1	X	X			61660
2	"		X		B-16 2-8 ft	"	1	X	X	X		61667
3	"		X		B-16 10-14 ft	"	1	X	X			61668
4	"		X		B-15 0-4 ft	"	1	X	X	X		61669
5	"		X		B-15 8-10 ft	"	1	X	X		CPC MP 5-10-11 of analysis	61670
6	5/4/11		X		B-14 0.5-4 ft	"	1			X		61671
7	"		X		B-13 0-4 ft	"	1			X		61672
8	"		X		B-12 0-4 ft	"	1	X	X	X		61673
9	"		X		B-12 8-10 ft	"	1	X	X	[redacted]		61674
10												

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation: CONTAINER TYPE: ☒ PRESERVATIONS: ☐ NA HOLDING TIME: ☒ TEMPERATURE: ☐ 22°C

Sampled By: Date/Time: 5/3&4/2011

Relinquished By: Date/Time:

Relinquished By: Date/Time: 5/6/2011

Received By: Date/Time:

Received By: Date/Time: 5/6/11 1230

Received @ Lab By: Date/Time: 5/10/11 1530

Total Cost:

P.I.F.

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: DEC	COMPANY:	LAB PROJECT #: 11-1825 / CLIENT PROJECT #:
ADDRESS: 3178 DURHAM ROAD	ADDRESS:	
CITY: HAMBURG STATE: NY ZIP: 14075	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)
PHONE: 716-665-880 FAX:	PHONE: FAX:	STD ☒ 5 / OTHER ☐
PROJECT NAME/SITE NAME:	ATTN: RUPAFF	ATTN: ☐ 1 ☐ 2 ☐ 3
	COMMENTS: Re EMAIL TO MWPOP1@D-E-C.COM	

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260 TCL	6270 TCL	8081	REMARKS	PARADIGM LAB SAMPLE NUMBER
	5/4/2011											
1	"		X		B-10 0-4 FT	Soil	1	X	X	X		61175
2	"		X		B-10 8-10 FT	"	|	X	X			61176
3	"		X		B-11 0.5-4 FT	"	|	X	X	X		61177
4	"		X		B-11 8-10 FT	"	↓	X	X			61178
5												
6												
7												
8												
9												
10												

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation: | CONTAINER TYPE: ☒ | PRESERVATIONS: ☐ NA | HOLDING TIME: ☒ | TEMPERATURE: ☐ 22°C

Sampled By: [signature] Date/Time: 5/3&4/2011

Relinquished By: [signature] Date/Time: 5/10/2011

Received By: [signature] Date/Time: 5/10/11 1200

Relinquished By: [signature] Date/Time:

Received By: [signature] Date/Time:

Received @ Lab By: [signature] Date/Time: 5/10/11 1530

Total Cost:

P.I.F.

Appendix B-2

Analytical Reports - Air

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Air

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: TO-1 Basement Slab
Field ID Number: C-1003
Sample Type: Air

Lab Project Number: 11-1805
Lab Sample Number: 6101
Date Sampled: 05/03/2011
Date Received: 05/09/2011
Date Analyzed: 05/12/2011

Halocarbons	PPBv	ug / m3
Bromodichloromethane	< 0.108	< 0.716
Bromoform	< 0.108	< 1.10
Bromomethane	< 0.108	< 0.415
Carbon Tetrachloride	0.0627	0.390
Chloroethane	< 0.216	< 0.565
Chloroform	< 0.108	< 0.521
Chloromethane	0.490	1.00
Dibromochloromethane	< 0.108	< 0.910
1,2 Dibromoethane	< 0.108	< 0.822
1,1-Dichloroethane	< 0.108	< 0.433
1,1-Dichloroethene	< 0.108	< 0.424
1,2-Dichloroethane	< 0.108	< 0.433
cis-1,2-Dichloroethene	0.248	0.974
trans-1,2-Dichloroethene	< 0.108	< 0.424
1,2-Dichloropropane	< 0.216	< 0.989
cis-1,3-Dichloropropene	< 0.108	< 0.486
trans-1,3-Dichloropropene	< 0.108	< 0.486
Methylene Chloride	B E 7.50	B E 25.8
1,1,2,2-Tetrachloroethane	< 0.108	< 0.733
Tetrachloroethene	0.491	3.29
1,1,1-Trichloroethane	< 0.108	< 0.583
1,1,2-Trichloroethane	< 0.108	< 0.583
Trichloroethene	0.0735	0.391
Trichlorofluoromethane	0.201	1.12
Freon 113	< 0.108	< 0.822
Vinyl Chloride	< 0.108	< 0.274

Aromatics	PPBv	ug / m3
Benzene	0.192	0.613
Chlorobenzene	< 0.108	< 0.495
Ethylbenzene	0.302	1.31
Toluene	0.532	2.00
m,p-Xylene	0.990	4.29
o-Xylene	0.222	0.962
Styrene	< 0.108	< 0.459
1,2-Dichlorobenzene	< 0.108	< 0.645
1,3-Dichlorobenzene	< 0.108	< 0.645
1,4-Dichlorobenzene	< 0.108	< 0.645

Ketones	PPBv	ug / m3
Acetone	B E 7.55	B E 17.9
2-Butanone	< 0.541	< 1.59
2-Hexanone	< 0.541	< 2.21
4-Methyl-2-Pentanone	< 0.541	< 2.21

Miscellaneous	PPBv	ug / m3
Carbon Disulfide	< 0.541	< 1.68
Methyl-tert-Butyl Ether	< 0.108	< 0.389
Vinyl Acetate	< 0.108	< 0.380

ELAP Number 10958 Method: EPA TO-15 Data File: A5109

Comments: ug / m3 = microgram per cubic meter

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Air

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: TO-2 Basement Slab
Field ID Number: C-1004
Sample Type: Air

Lab Project Number: 11-1805
Lab Sample Number: 6102

Date Sampled: 05/03/2011
Date Received: 05/09/2011
Date Analyzed: 05/12/2011

Halocarbons	PPBv	ug / m3
Bromodichloromethane	< 0.110	< 0.729
Bromoform	< 0.110	< 1.12
Bromomethane	< 0.110	< 0.423
Carbon Tetrachloride	0.0811	0.504
Chloroethane	< 0.219	< 0.573
Chloroform	< 0.110	< 0.531
Chloromethane	0.682	1.39
Dibromochloromethane	< 0.110	< 0.927
1,2 Dibromoethane	< 0.110	< 0.837
1,1-Dichloroethane	< 0.110	< 0.441
1,1-Dichloroethene	< 0.110	< 0.432
1,2-Dichloroethane	< 0.110	< 0.441
cis-1,2-Dichloroethene	1.77	6.95
trans-1,2-Dichloroethene	0.277	1.09
1,2-Dichloropropane	< 0.219	< 1.00
cis-1,3-Dichloropropene	< 0.110	< 0.495
trans-1,3-Dichloropropene	< 0.110	< 0.495
Methylene Chloride	B E 12.7	B E 43.6
1,1,2,2-Tetrachloroethane	< 0.110	< 0.747
Tetrachloroethene	0.859	5.76
1,1,1-Trichloroethane	< 0.110	< 0.594
1,1,2-Trichloroethane	< 0.110	< 0.594
Trichloroethene	0.239	1.27
Trichlorofluoromethane	< 0.110	< 0.612
Freon 113	< 0.110	< 0.837
Vinyl Chloride	< 0.110	< 0.279

Aromatics	PPBv	ug / m3
Benzene	0.292	0.932
Chlorobenzene	< 0.110	< 0.504
Ethylbenzene	0.777	3.37
Toluene	0.904	3.40
m,p-Xylene	2.50	10.8
o-Xylene	0.685	2.97
Styrene	< 0.110	< 0.468
1,2-Dichlorobenzene	< 0.110	< 0.657
1,3-Dichlorobenzene	< 0.110	< 0.657
1,4-Dichlorobenzene	< 0.110	< 0.657

Ketones	PPBv	ug / m3
Acetone	B E 6.51	B E 15.4
2-Butanone	< 0.548	< 1.61
2-Hexanone	< 0.548	< 2.24
4-Methyl-2-Pentanone	< 0.548	< 2.24

Miscellaneous	PPBv	ug / m3
Carbon Disulfide	< 0.548	< 1.70
Methyl-tert-Butyl Ether	< 0.110	< 0.396
Vinyl Acetate	< 0.110	< 0.387

ELAP Number 10958 Method: EPA TO-15 Data File: A5110

Comments: ug / m3 = microgram per cubic meter

Signature:

Bruce Hoogesteger: Technical Director

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PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Air

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: TO-3 Basement Slab
Field ID Number: C-1005
Sample Type: Air

Lab Project Number: 11-1805
Lab Sample Number: 6103

Date Sampled: 05/03/2011
Date Received: 05/09/2011
Date Analyzed: 05/12/2011

Halocarbons	PPBv	ug / m3
Bromodichloromethane	< 0.103	< 0.682
Bromoform	< 0.103	< 1.05
Bromomethane	< 0.103	< 0.396
Carbon Tetrachloride	0.0636	0.395
Chloroethane	< 0.205	< 0.537
Chloroform	< 0.103	< 0.497
Chloromethane	0.630	1.29
Dibromochloromethane	< 0.103	< 0.868
1,2 Dibromoethane	< 0.103	< 0.784
1,1-Dichloroethane	< 0.103	< 0.413
1,1-Dichloroethene	< 0.103	< 0.404
1,2-Dichloroethane	< 0.103	< 0.413
cis-1,2-Dichloroethene	0.588	2.31
trans-1,2-Dichloroethene	< 0.103	< 0.404
1,2-Dichloropropane	< 0.205	< 0.939
cis-1,3-Dichloropropene	0.315	1.42
trans-1,3-Dichloropropene	< 0.103	< 0.463
Methylene Chloride	B E 15.0	B E 51.5
1,1,2,2-Tetrachloroethane	< 0.103	< 0.699
Tetrachloroethene	0.936	6.28
1,1,1-Trichloroethane	< 0.103	< 0.556
1,1,2-Trichloroethane	< 0.103	< 0.556
Trichloroethene	0.230	1.22
Trichlorofluoromethane	0.243	1.35
Freon 113	< 0.103	< 0.784
Vinyl Chloride	< 0.103	< 0.261

Aromatics	PPBv	ug / m3
Benzene	0.242	0.772
Chlorobenzene	< 0.103	< 0.472
Ethylbenzene	0.299	1.30
Toluene	0.703	2.65
m,p-Xylene	1.12	4.86
o-Xylene	0.294	1.27
Styrene	< 0.103	< 0.438
1,2-Dichlorobenzene	< 0.103	< 0.615
1,3-Dichlorobenzene	< 0.103	< 0.615
1,4-Dichlorobenzene	< 0.103	< 0.615

Ketones	PPBv	ug / m3
Acetone	B E 7.79	B E 18.5
2-Butanone	< 0.513	< 1.51
2-Hexanone	< 0.513	< 2.10
4-Methyl-2-Pentanone	< 0.513	< 2.10

Miscellaneous	PPBv	ug / m3
Carbon Disulfide	< 0.513	< 1.59
Methyl-tert-Butyl Ether	< 0.103	< 0.371
Vinyl Acetate	< 0.103	< 0.362

ELAP Number 10958 Method: EPA TO-15 Data File: A5111

Comments: ug / m3 = microgram per cubic meter

Signature:

Bruce Hoogesteger: Technical Director

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111805a5

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Air

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: TO-4 Basement Slab
Field ID Number: C-1008
Sample Type: Air

Lab Project Number: 11-1805
Lab Sample Number: 6104

Date Sampled: 05/03/2011
Date Received: 05/09/2011
Date Analyzed: 05/25/2011

Halocarbons	PPBv	ug / m3
Bromodichloromethane	< 2.05	< 13.6
Bromoform	< 2.05	< 21.0
Bromomethane	< 2.05	< 7.88
Carbon Tetrachloride	37.8	235
Chloroethane	< 4.10	< 10.7
Chloroform	39.9	193
Chloromethane	< 2.05	< 4.19
Dibromochloromethane	< 2.05	< 17.3
1,2 Dibromoethane	< 2.05	< 15.6
1,1-Dichloroethane	< 2.05	< 8.22
1,1-Dichloroethene	< 2.05	< 8.05
1,2-Dichloroethane	< 2.05	< 8.22
cis-1,2-Dichloroethene	E 343	E 1,350
trans-1,2-Dichloroethene	< 2.05	< 8.05
1,2-Dichloropropane	< 4.10	< 18.8
cis-1,3-Dichloropropene	< 2.05	< 9.22
trans-1,3-Dichloropropene	< 2.05	< 9.22
Methylene Chloride	B 23.7	B 81.4
1,1,2,2-Tetrachloroethane	< 2.05	< 13.9
Tetrachloroethene	30.9	207
1,1,1-Trichloroethane	< 2.05	< 11.1
1,1,2-Trichloroethane	< 2.05	< 11.1
Trichloroethene	E 342	E 1,820
Trichlorofluoromethane	< 2.05	< 11.4
Freon 113	< 2.05	< 15.6
Vinyl Chloride	< 2.05	< 5.20

Aromatics	PPBv	ug / m3
Benzene	< 2.05	< 6.54
Chlorobenzene	< 2.05	< 9.39
Ethylbenzene	3.90	16.9
Toluene	4.26	16.0
m,p-Xylene	10.2	44.2
o-Xylene	2.07	8.97
Styrene	< 2.05	< 8.72
1,2-Dichlorobenzene	< 2.05	< 12.2
1,3-Dichlorobenzene	< 2.05	< 12.2
1,4-Dichlorobenzene	< 2.05	< 12.2

Ketones	PPBv	ug / m3
Acetone	B 14.0	B 33.2
2-Butanone	< 10.3	< 30.3
2-Hexanone	< 10.3	< 42.1
4-Methyl-2-Pentanone	< 10.3	< 42.1

Miscellaneous	PPBv	ug / m3
Carbon Disulfide	< 10.3	< 32.0
Methyl-tert-Butyl Ether	< 2.05	< 7.38
Vinyl Acetate	< 2.05	< 7.21

ELAP Number 10958 Method: EPA TO-15 Data File: A5138

Comments: ug / m3 = microgram per cubic meter

Signature: _____

Bruce Hoogesteger: Technical Director

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111805a6

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Air

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: TO-8 Basement Slab
Field ID Number: C-1012
Sample Type: Air

Lab Project Number: 11-1805
Lab Sample Number: 6108

Date Sampled: 05/03/2011
Date Received: 05/09/2011
Date Analyzed: 05/25/2011

Halocarbons	PPBv	ug / m3
Bromodichloromethane	< 1.00	< 6.63
Bromoform	< 1.00	< 10.2
Bromomethane	< 1.00	< 3.84
Carbon Tetrachloride	1.05	6.53
Chloroethane	< 2.00	< 5.24
Chloroform	< 1.00	< 4.83
Chloromethane	< 1.00	< 2.04
Dibromochloromethane	< 1.00	< 8.43
1,2 Dibromoethane	< 1.00	< 7.61
1,1-Dichloroethane	< 1.00	< 4.01
1,1-Dichloroethene	< 1.00	< 3.93
1,2-Dichloroethane	< 1.00	< 4.01
cis-1,2-Dichloroethene	< 1.00	< 3.93
trans-1,2-Dichloroethene	< 1.00	< 3.93
1,2-Dichloropropane	< 2.00	< 9.16
cis-1,3-Dichloropropene	< 1.00	< 4.50
trans-1,3-Dichloropropene	< 1.00	< 4.50
Methylene Chloride	B 35.8	B 123
1,1,2,2-Tetrachloroethane	< 1.00	< 6.79
Tetrachloroethene	2.93	19.7
1,1,1-Trichloroethane	< 1.00	< 5.40
1,1,2-Trichloroethane	< 1.00	< 5.40
Trichloroethene	1.23	6.54
Trichlorofluoromethane	< 1.00	< 5.56
Freon 113	< 1.00	< 7.61
Vinyl Chloride	< 1.00	< 2.54

Aromatics	PPBv	ug / m3
Benzene	< 1.00	< 3.19
Chlorobenzene	< 1.00	< 4.58
Ethylbenzene	9.17	39.8
Toluene	6.77	25.5
m,p-Xylene	20.2	87.6
o-Xylene	4.62	20.0
Styrene	< 1.00	< 4.25
1,2-Dichlorobenzene	< 1.00	< 5.97
1,3-Dichlorobenzene	< 1.00	< 5.97
1,4-Dichlorobenzene	< 1.00	< 5.97

Ketones	PPBv	ug / m3
Acetone	B 9.27	B 22.0
2-Butanone	< 5.00	< 14.7
2-Hexanone	< 5.00	< 20.4
4-Methyl-2-Pentanone	< 5.00	< 20.4

Miscellaneous	PPBv	ug / m3
Carbon Disulfide	< 5.00	< 15.5
Methyl-tert-Butyl Ether	< 1.00	< 3.60
Vinyl Acetate	< 1.00	< 3.52

ELAP Number 10958 Method: EPA TO-15 Data File: A5139

Comments: ug / m3 = microgram per cubic meter

Signature: _____

Bruce Hoogesteger: Technical Director

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111805a7

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Air

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: TO-10 Basement Slab
Field ID Number: C-1016
Sample Type: Air

Lab Project Number: 11-1805
Lab Sample Number: 6110

Date Sampled: 05/04/2011
Date Received: 05/09/2011
Date Analyzed: 05/25/2011

Halocarbons	PPBv	ug / m3
Bromodichloromethane	< 2.00	< 13.3
Bromoform	< 2.00	< 20.4
Bromomethane	< 2.00	< 7.69
Carbon Tetrachloride	< 0.800	< 4.97
Chloroethane	< 4.00	< 10.5
Chloroform	< 2.00	< 9.65
Chloromethane	< 2.00	< 4.09
Dibromochloromethane	< 2.00	< 16.9
1,2 Dibromoethane	< 2.00	< 15.2
1,1-Dichloroethane	< 2.00	< 8.02
1,1-Dichloroethene	< 2.00	< 7.85
1,2-Dichloroethane	< 2.00	< 8.02
cis-1,2-Dichloroethene	< 2.00	< 7.85
trans-1,2-Dichloroethene	< 2.00	< 7.85
1,2-Dichloropropane	< 4.00	< 18.3
cis-1,3-Dichloropropene	< 2.00	< 9.00
trans-1,3-Dichloropropene	< 2.00	< 9.00
Methylene Chloride	B 16.5	B 56.7
1,1,2,2-Tetrachloroethane	< 2.00	< 13.6
Tetrachloroethene	E 455	E 3,050
1,1,1-Trichloroethane	< 2.00	< 10.8
1,1,2-Trichloroethane	< 2.00	< 10.8
Trichloroethene	28.6	152
Trichlorofluoromethane	< 2.00	< 11.1
Freon 113	< 2.00	< 15.2
Vinyl Chloride	< 2.00	< 5.07

Aromatics	PPBv	ug / m3
Benzene	< 2.00	< 6.38
Chlorobenzene	< 2.00	< 9.16
Ethylbenzene	< 2.00	< 8.67
Toluene	2.68	10.1
m,p-Xylene	5.78	25.1
o-Xylene	< 2.00	< 8.67
Styrene	< 2.00	< 8.51
1,2-Dichlorobenzene	< 2.00	< 11.9
1,3-Dichlorobenzene	< 2.00	< 11.9
1,4-Dichlorobenzene	< 2.00	< 11.9

Ketones	PPBv	ug / m3
Acetone	B 13.1	B 31.1
2-Butanone	< 10.0	< 29.4
2-Hexanone	< 10.0	< 40.9
4-Methyl-2-Pentanone	< 10.0	< 40.9

Miscellaneous	PPBv	ug / m3
Carbon Disulfide	< 10.0	< 31.1
Methyl-tert-Butyl Ether	< 2.00	< 7.20
Vinyl Acetate	< 2.00	< 7.03

ELAP Number 10958 Method: EPA TO-15 Data File: A5140

Comments: ug / m3 = microgram per cubic meter

Signature:

Bruce Hoogesteger: Technical Director

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111805a8

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Air

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: TO-11 Slab
Field ID Number: C-1020
Sample Type: Air

Lab Project Number: 11-1805
Lab Sample Number: 6111

Date Sampled: 05/04/2011
Date Received: 05/09/2011
Date Analyzed: 05/25/2011

Halocarbons	PPBv	ug / m3
Bromodichloromethane	< 2.10	< 13.9
Bromoform	< 2.10	< 21.5
Bromomethane	< 2.10	< 8.07
Carbon Tetrachloride	< 0.840	< 5.22
Chloroethane	< 4.20	< 11.0
Chloroform	< 2.10	< 10.1
Chloromethane	< 2.10	< 4.29
Dibromochloromethane	< 2.10	< 17.7
1,2 Dibromoethane	< 2.10	< 16.0
1,1-Dichloroethane	< 2.10	< 8.42
1,1-Dichloroethene	< 2.10	< 8.25
1,2-Dichloroethane	< 2.10	< 8.42
cis-1,2-Dichloroethene	< 2.10	< 8.25
trans-1,2-Dichloroethene	< 2.10	< 8.25
1,2-Dichloropropane	< 4.20	< 19.2
cis-1,3-Dichloropropene	< 2.10	< 9.45
trans-1,3-Dichloropropene	< 2.10	< 9.45
Methylene Chloride	B 17.9	B 61.5
1,1,2,2-Tetrachloroethane	< 2.10	< 14.3
Tetrachloroethene	E 148	E 993
1,1,1-Trichloroethane	< 2.10	< 11.3
1,1,2-Trichloroethane	< 2.10	< 11.3
Trichloroethene	3.44	18.3
Trichlorofluoromethane	< 2.10	< 11.7
Freon 113	< 2.10	< 16.0
Vinyl Chloride	< 2.10	< 5.33

Aromatics	PPBv	ug / m3
Benzene	< 2.10	< 6.70
Chlorobenzene	< 2.10	< 9.62
Ethylbenzene	11.0	47.7
Toluene	5.82	21.9
m,p-Xylene	36.9	160
o-Xylene	9.58	41.5
Styrene	< 2.10	< 8.93
1,2-Dichlorobenzene	< 2.10	< 12.5
1,3-Dichlorobenzene	< 2.10	< 12.5
1,4-Dichlorobenzene	< 2.10	< 12.5

Ketones	PPBv	ug / m3
Acetone	B 18.1	B 42.9
2-Butanone	< 10.5	< 30.9
2-Hexanone	< 10.5	< 42.9
4-Methyl-2-Pentanone	< 10.5	< 42.9

Miscellaneous	PPBv	ug / m3
Carbon Disulfide	< 10.5	< 32.6
Methyl-tert-Butyl Ether	< 2.10	< 7.56
Vinyl Acetate	< 2.10	< 7.39

ELAP Number 10958 Method: EPA TO-15 Data File: A5141

Comments: ug / m3 = microgram per cubic meter

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Air

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: TO-12
Field ID Number: C-1021
Sample Type: Air

Lab Project Number: 11-1805
Lab Sample Number: 6112

Date Sampled: 05/04/2011
Date Received: 05/09/2011
Date Analyzed: 05/25/2011

Halocarbons	PPBv	ug / m3
Bromodichloromethane	< 1.00	< 6.63
Bromoform	< 1.00	< 10.2
Bromomethane	< 1.00	< 3.84
Carbon Tetrachloride	< 0.400	< 2.49
Chloroethane	< 2.00	< 5.24
Chloroform	2.84	13.7
Chloromethane	< 1.00	< 2.04
Dibromochloromethane	< 1.00	< 8.43
1,2 Dibromoethane	< 1.00	< 7.61
1,1-Dichloroethane	< 1.00	< 4.01
1,1-Dichloroethene	< 1.00	< 3.93
1,2-Dichloroethane	< 1.00	< 4.01
cis-1,2-Dichloroethene	3.22	12.6
trans-1,2-Dichloroethene	< 1.00	< 3.93
1,2-Dichloropropane	< 2.00	< 9.16
cis-1,3-Dichloropropene	< 1.00	< 4.50
trans-1,3-Dichloropropene	< 1.00	< 4.50
Methylene Chloride	B 12.6	B 43.3
1,1,2,2-Tetrachloroethane	< 1.00	< 6.79
Tetrachloroethene	13.9	93.2
1,1,1-Trichloroethane	< 1.00	< 5.40
1,1,2-Trichloroethane	< 1.00	< 5.40
Trichloroethene	2.57	13.7
Trichlorofluoromethane	< 1.00	< 5.56
Freon 113	< 1.00	< 7.61
Vinyl Chloride	< 1.00	< 2.54

Aromatics	PPBv	ug / m3
Benzene	< 1.00	< 3.19
Chlorobenzene	< 1.00	< 4.58
Ethylbenzene	< 1.00	< 4.34
Toluene	< 1.00	< 3.76
m,p-Xylene	17.6	76.3
o-Xylene	4.56	19.8
Styrene	< 1.00	< 4.25
1,2-Dichlorobenzene	< 1.00	< 5.97
1,3-Dichlorobenzene	< 1.00	< 5.97
1,4-Dichlorobenzene	< 1.00	< 5.97

Ketones	PPBv	ug / m3
Acetone	B 8.10	B 19.2
2-Butanone	< 5.00	< 14.7
2-Hexanone	< 5.00	< 20.4
4-Methyl-2-Pentanone	< 5.00	< 20.4

Miscellaneous	PPBv	ug / m3
Carbon Disulfide	< 5.00	< 15.5
Methyl-tert-Butyl Ether	< 1.00	< 3.60
Vinyl Acetate	< 1.00	< 3.52

ELAP Number 10958 Method: EPA TO-15 Data File: A5142

Comments: ug / m3 = microgram per cubic meter

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Air

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: N/A
Field ID Number: N/A
Sample Type: Air

Lab Project Number: 11-1805
Lab Sample Number: Method Blank 5/12
Date Sampled: N/A
Date Received: N/A
Date Analyzed: 05/12/2011

Halocarbons	PPBv	ug / m3
Bromodichloromethane	< 0.102	< 0.676
Bromoform	< 0.102	< 1.04
Bromomethane	< 0.102	< 0.392
Carbon Tetrachloride	< 0.0408	< 0.254
Chloroethane	< 0.204	< 0.534
Chloroform	< 0.102	< 0.492
Chloromethane	< 0.102	< 0.209
Dibromochloromethane	< 0.102	< 0.859
1,2 Dibromoethane	< 0.102	< 0.776
1,1-Dichloroethane	< 0.102	< 0.409
1,1-Dichloroethene	< 0.102	< 0.400
1,2-Dichloroethane	< 0.102	< 0.409
cis-1,2-Dichloroethene	< 0.102	< 0.400
trans-1,2-Dichloroethene	< 0.102	< 0.400
1,2-Dichloropropane	< 0.204	< 0.934
cis-1,3-Dichloropropene	< 0.102	< 0.459
trans-1,3-Dichloropropene	< 0.102	< 0.459
Methylene Chloride	1.40	4.81
1,1,2,2-Tetrachloroethane	< 0.102	< 0.693
Tetrachloroethene	< 0.102	< 0.684
1,1,1-Trichloroethane	< 0.102	< 0.551
1,1,2-Trichloroethane	< 0.102	< 0.551
Trichloroethene	< 0.0479	< 0.255
Trichlorofluoromethane	< 0.102	< 0.567
Freon 113	< 0.102	< 0.776
Vinyl Chloride	< 0.102	< 0.259

Aromatics	PPBv	ug / m3
Benzene	< 0.102	< 0.325
Chlorobenzene	< 0.102	< 0.467
Ethylbenzene	< 0.102	< 0.442
Toluene	< 0.102	< 0.384
m,p-Xylene	< 0.102	< 0.442
o-Xylene	< 0.102	< 0.442
Styrene	< 0.102	< 0.434
1,2-Dichlorobenzene	< 0.102	< 0.609
1,3-Dichlorobenzene	< 0.102	< 0.609
1,4-Dichlorobenzene	< 0.102	< 0.609

Ketones	PPBv	ug / m3
Acetone	1.23	2.92
2-Butanone	< 0.510	< 1.50
2-Hexanone	< 0.510	< 2.09
4-Methyl-2-Pentanone	< 0.510	< 2.09

Miscellaneous	PPBv	ug / m3
Carbon Disulfide	< 0.510	< 1.59
Methyl-tert-Butyl Ether	< 0.102	< 0.367
Vinyl Acetate	< 0.102	< 0.359

ELAP Number 10958 Method: EPA TO-15 Data File: A5105

Comments: ug / m3 = microgram per cubic meter

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Air

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: N/A
Field ID Number: N/A
Sample Type: Air

Lab Project Number: 11-1805
Lab Sample Number: Method Blank 5/25

Date Sampled: N/A
Date Received: N/A
Date Analyzed: 05/25/2011

Halocarbons	PPBv	ug / m3
Bromodichloromethane	< 0.100	< 0.663
Bromoform	< 0.100	< 1.02
Bromomethane	< 0.100	< 0.384
Carbon Tetrachloride	< 0.0400	< 0.249
Chloroethane	< 0.200	< 0.524
Chloroform	< 0.100	< 0.483
Chloromethane	< 0.100	< 0.204
Dibromochloromethane	< 0.100	< 0.843
1,2 Dibromoethane	< 0.100	< 0.761
1,1-Dichloroethane	< 0.100	< 0.401
1,1-Dichloroethene	< 0.100	< 0.393
1,2-Dichloroethane	< 0.100	< 0.401
cis-1,2-Dichloroethene	< 0.100	< 0.393
trans-1,2-Dichloroethene	< 0.100	< 0.393
1,2-Dichloropropane	< 0.200	< 0.916
cis-1,3-Dichloropropene	< 0.100	< 0.450
trans-1,3-Dichloropropene	< 0.100	< 0.450
Methylene Chloride	1.68	5.77
1,1,2,2-Tetrachloroethane	< 0.100	< 0.679
Tetrachloroethene	< 0.100	< 0.671
1,1,1-Trichloroethane	< 0.100	< 0.540
1,1,2-Trichloroethane	< 0.100	< 0.540
Trichloroethene	< 0.0470	< 0.250
Trichlorofluoromethane	< 0.100	< 0.556
Freon 113	< 0.100	< 0.761
Vinyl Chloride	< 0.100	< 0.254

Aromatics	PPBv	ug / m3
Benzene	< 0.100	< 0.319
Chlorobenzene	< 0.100	< 0.458
Ethylbenzene	< 0.100	< 0.434
Toluene	< 0.100	< 0.376
m,p-Xylene	< 0.100	< 0.434
o-Xylene	< 0.100	< 0.434
Styrene	< 0.100	< 0.425
1,2-Dichlorobenzene	< 0.100	< 0.597
1,3-Dichlorobenzene	< 0.100	< 0.597
1,4-Dichlorobenzene	< 0.100	< 0.597

Ketones	PPBv	ug / m3
Acetone	0.973	2.31
2-Butanone	< 0.500	< 1.47
2-Hexanone	< 0.500	< 2.04
4-Methyl-2-Pentanone	< 0.500	< 2.04

Miscellaneous	PPBv	ug / m3
Carbon Disulfide	< 0.500	< 1.55
Methyl-tert-Butyl Ether	< 0.100	< 0.360
Vinyl Acetate	< 0.100	< 0.352

ELAP Number 10958 Method: EPA TO-15 Data File: A5137

Comments: ug / m3 = microgram per cubic meter

Signature: _____
Bruce Hoogesteger, Technical Director

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

PARADIGM

REPORT TO:		INVOICE TO:			
COMPANY: DEC		COMPANY: Same		LAB PROJECT #: 11-1805	CLIENT PROJECT #:
ADDRESS: 3178 BROWN RD		ADDRESS:			
CITY: ALEXANDRIA STATE: BAY ZIP: 14607		CITY: STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS)	
PHONE: 716-639-5958 FAX:		PHONE: FAX:		STD ☒5	OTHER ☐
ATTN: RUEPARE		ATTN:		☐1 ☐2 ☐3	
PROJECT NAME/SITE NAME: 33 LITCHFIELD	COMMENTS: PLEASE EMAIL TO: MWPOOLE@DEC.COM			Quotation #	

REQUESTED ANALYSIS

	DATE	TIME	COMPOS	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	TO-15	per field notes EAH 5/10 Canister #	REMARKS	PARADIGM LAB SAMPLE NUMBER
			per field notes EAH 5/10							Return Vacuum:	
1	05/03/11	11:31-1136			TO-1 BASEMENT SLAB	AIR	1	X	C-1003	16	61011
2	"	11:32-1137			TO-2 " "	"	"	X	C-1004	15	61012
3	"	11:33-1138			TO-3 " "	"	"	X	C-1005	12	61013
4	"	11:34-1139			TO-4 " "	"	"	X	C-1008	15	61014
5	"	11:42-1146			TO-5 " "	"	"	X	C-1009	30	~~61015~~
6	"	11:44-1147			TO-6 " "	"	"	X	C-1010	30	~~61016~~
7	"	11:41-1145			TO-7 " "	"	"	X	C-1011	30	~~61017~~
8	"	11:35-1140			TO-8 " "	"	"	X	C-1012	6	61018
9	"	11:40-1144			TO-9 " "	"	"	X	C-1013	30	~~61019~~
10											

Per NB 5/10 as per MP, cancel TO-5, 6, 7, 9. EAH 5/10.

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☒	N ☐
Comments:		
Preservation: N/A	Y ☐	N ☐
Comments:		
Holding Time:	Y ☒	N ☐
Comments:		
Temperature: N/A	Y ☐	N ☐
Comments:		

Sampled By _____ Date/Time 05/04/2011 1100

Relinquished By _____ Date/Time 05/06/2011 pm

Received By _____ Date/Time 05/06/ 2011 pm

Received @ Lab By Elizabeth A Honch Date/Time 5/9/11 1550

Total Cost:

P.I.F.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:			
COMPANY:	DCE	COMPANY:	Same	LAB PROJECT #: 11-1805	CLIENT PROJECT #:
ADDRESS:	3178 DUNHAM RD	ADDRESS:			
CITY:	HAMPTON STATE: NY ZIP: 14075	CITY:	STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)	
PHONE:	716-639-5758 FAX:	PHONE:	FAX:	STD	OTHER
ATTN:	PURPLE	ATTN:		1 2 3 4 5	
PROJECT NAME/SITE NAME: 33 Littlefield	COMMENTS: PLEASE EMAIL RESULTS TO MWPURPLE@D-E-C.COM			Quotation #	

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE (per field notes EAH 5/10)	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER NUMBER	TO-15	(per field notes EAH 5/10)	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/4/11	11:38-1143			TO-10 BASEMENT	AIR	1	X	C-1016	18	611 0
2	"	11:37-1142			TO-11 SLAB		1	X	C-1020	14	611 1
3	"	11:36-1141			TO-12		1	X	C-1021	8	611 2
4											
5											
6											
7											
8											
9											
10											

Return Vacuum:

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☐	N ☐
Comments:		
Preservation:	Y ☐	N ☐
Comments:		
Holding Time:	Y ☐	N ☐
Comments:		
Temperature:	Y ☐	N ☐
Comments:		

Sampled By _____ Date/Time 05/04/2011

Relinquished By _____ Date/Time 5/6/2011

Received By _____ Date/Time 5/6/11 2011 pm

Received @ Lab By Elizabeth A Honch Date/Time 5/9/11 1550

Total Cost:

P.I.F.

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997

TO-15 EQUIPMENT CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: DECI	COMPANY:	LAB PROJECT #: / CLIENT PROJECT #:
ADDRESS:	ADDRESS:	
CITY: STATE: ZIP:	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS) STD 3 5 7 OTHER
PHONE: FAX:	PHONE: FAX:	
PROJECT NAME/SITE NAME:	ATTN:	ATTN: Quotation #
	COMMENTS:	

Equipment Tracking

CANISTER	SHIPPED VACUUM	CANISTER	SHIPPED VACUUM	CANISTER	SHIPPED VACUUM
C 1009	30	C 1005	30	C	
C 1003	30	C 1011	30	C	
C 1013	30	C		C	
C 1008	30	C		C	
C 1020	30	C		C	
C 1021	30	C		C	
C 1004	30	C		C	
C 1010	30	C		C	
C 1012	30	C		C	
C 1016	30	C		C	

Equipment Tracking

REGULATOR	FLOW	DURATION	REGULATOR	FLOW	DURATION	REGULATOR	FLOW	DURATION	HAND GUAGE
✓ R 511		24h ✓	R 516	24h		R			①
✓ R 512		✓	R 500	↓		R			
✓ R 515			R			R			
✓ R 518			R			R			
✓ R 506			R			R			
✓ R 519			R			R			
✓ R 517			R			R			
✓ R 505			R			R			
✓ R 510			R			R			
✓ R 514		↓	R			R			

Remarks:

1) 20' Tubing

2) 12 ambient adapters

Canisters, vacuum gauge, regulators, adapters returned in good cond.
EAH 5/9

****LAB USE ONLY BELOW THIS LINE****

Picked up By — Date/Time

Returned By — Date/Time

Received By — Date/Time

Elizabeth A Honch 5/6/11 1550

Received @ Lab By — Date/Time

Total Cost:

P.I.F.

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Air

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: TO-5
Field ID Number: C-1034
Sample Type: Air

Lab Project Number: 11-1995
Lab Sample Number: 6731

Date Sampled: 05/18/2011
Date Received: 05/19/2011
Date Analyzed: 05/25/2011

Halocarbons	PPBv	ug / m3
Bromodichloromethane	< 2.10	< 13.9
Bromoform	< 2.10	< 21.5
Bromomethane	< 2.10	< 8.07
Carbon Tetrachloride	E 202	E 1,260
Chloroethane	< 4.20	< 11.0
Chloroform	54.1	261
Chloromethane	< 2.10	< 4.29
Dibromochloromethane	< 2.10	< 17.7
1,2 Dibromoethane	< 2.10	< 16.0
1,1-Dichloroethane	< 2.10	< 8.42
1,1-Dichloroethene	< 2.10	< 8.25
1,2-Dichloroethane	< 2.10	< 8.42
cis-1,2-Dichloroethene	E 2,510	E 9,860
trans-1,2-Dichloroethene	E 538	E 2,110
1,2-Dichloropropane	< 4.20	< 19.2
cis-1,3-Dichloropropene	< 2.10	< 9.45
trans-1,3-Dichloropropene	< 2.10	< 9.45
Methylene Chloride	B 80.5	B 277
1,1,2,2-Tetrachloroethane	< 2.10	< 14.3
Tetrachloroethene	E 125	E 838
1,1,1-Trichloroethane	< 2.10	< 11.3
1,1,2-Trichloroethane	< 2.10	< 11.3
Trichloroethene	E 2,070	E 11,000
Trichlorofluoromethane	< 2.10	< 11.7
Freon 113	< 2.10	< 16.0
Vinyl Chloride	< 2.10	< 5.33

Aromatics	PPBv	ug / m3
Benzene	3.17	10.1
Chlorobenzene	< 2.10	< 9.62
Ethylbenzene	< 2.10	< 9.10
Toluene	6.28	23.6
m,p-Xylene	3.42	14.8
o-Xylene	< 2.10	< 9.10
Styrene	< 2.10	< 8.93
1,2-Dichlorobenzene	< 2.10	< 12.5
1,3-Dichlorobenzene	< 2.10	< 12.5
1,4-Dichlorobenzene	< 2.10	< 12.5

Ketones	PPBv	ug / m3
Acetone	B 15.2	B 36.1
2-Butanone	< 10.5	< 30.9
2-Hexanone	< 10.5	< 42.9
4-Methyl-2-Pentanone	< 10.5	< 42.9

Miscellaneous	PPBv	ug / m3
Carbon Disulfide	< 10.5	< 32.6
Methyl-tert-Butyl Ether	< 2.10	< 7.56
Vinyl Acetate	< 2.10	< 7.39

ELAP Number 10958 Method: EPA TO-15 Data File: A5147

Comments: ug / m3 = microgram per cubic meter

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Air

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: TO-7
Field ID Number: C-1014
Sample Type: Air

Lab Project Number: 11-1995
Lab Sample Number: 6734

Date Sampled: 05/18/2011
Date Received: 05/19/2011
Date Analyzed: 05/25/2011

Halocarbons	PPBv	ug / m3
Bromodichloromethane	1.55	10.3
Bromoform	< 0.103	< 1.05
Bromomethane	< 0.103	< 0.396
Carbon Tetrachloride	0.759	4.72
Chloroethane	< 0.205	< 0.537
Chloroform	3.69	17.8
Chloromethane	< 0.103	< 0.211
Dibromochloromethane	< 0.103	< 0.868
1,2 Dibromoethane	< 0.103	< 0.784
1,1-Dichloroethane	< 0.103	< 0.413
1,1-Dichloroethene	< 0.103	< 0.404
1,2-Dichloroethane	< 0.103	< 0.413
cis-1,2-Dichloroethene	E 48.0	E 188
trans-1,2-Dichloroethene	E 9.69	E 38.0
1,2-Dichloropropane	< 0.205	< 0.939
cis-1,3-Dichloropropene	< 0.103	< 0.463
trans-1,3-Dichloropropene	< 0.103	< 0.463
Methylene Chloride	B E 37.3	B E 128
1,1,2,2-Tetrachloroethane	< 0.103	< 0.699
Tetrachloroethene	E 163	E 1,090
1,1,1-Trichloroethane	< 0.103	< 0.556
1,1,2-Trichloroethane	< 0.103	< 0.556
Trichloroethene	E 25.9	E 138
Trichlorofluoromethane	0.589	3.28
Freon 113	< 0.103	< 0.784
Vinyl Chloride	< 0.103	< 0.261

Aromatics	PPBv	ug / m3
Benzene	E 17.8	E 56.8
Chlorobenzene	< 0.103	< 0.472
Ethylbenzene	1.34	5.81
Toluene	E 17.1	E 64.3
m,p-Xylene	7.83	33.9
o-Xylene	2.79	12.1
Styrene	0.556	2.36
1,2-Dichlorobenzene	< 0.103	< 0.615
1,3-Dichlorobenzene	< 0.103	< 0.615
1,4-Dichlorobenzene	< 0.103	< 0.615

Ketones	PPBv	ug / m3
Acetone	B E 35.5	B E 84.2
2-Butanone	E 8.87	E 26.1
2-Hexanone	E 12.9	E 52.8
4-Methyl-2-Pentanone	< 0.513	< 2.10

Miscellaneous	PPBv	ug / m3
Carbon Disulfide	E 27.6	E 85.8
Methyl-tert-Butyl Ether	< 0.103	< 0.371
Vinyl Acetate	< 0.103	< 0.362

ELAP Number 10958 Method: EPA TO-15 Data File: A5146

Comments: ug / m3 = microgram per cubic meter

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Air

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: TO-9
Field ID Number: C-1001
Sample Type: Air

Lab Project Number: 11-1995
Lab Sample Number: 6732

Date Sampled: 05/18/2011
Date Received: 05/19/2011
Date Analyzed: 05/25/2011

Halocarbons	PPBv	ug / m3
Bromodichloromethane	< 2.00	< 13.3
Bromoform	< 2.00	< 20.4
Bromomethane	< 2.00	< 7.69
Carbon Tetrachloride	< 0.800	< 4.97
Chloroethane	< 4.00	< 10.5
Chloroform	< 2.00	< 9.65
Chloromethane	< 2.00	< 4.09
Dibromochloromethane	< 2.00	< 16.9
1,2 Dibromoethane	< 2.00	< 15.2
1,1-Dichloroethane	< 2.00	< 8.02
1,1-Dichloroethene	< 2.00	< 7.85
1,2-Dichloroethane	< 2.00	< 8.02
cis-1,2-Dichloroethene	5.54	21.8
trans-1,2-Dichloroethene	< 2.00	< 7.85
1,2-Dichloropropane	< 4.00	< 18.3
cis-1,3-Dichloropropene	< 2.00	< 9.00
trans-1,3-Dichloropropene	< 2.00	< 9.00
Methylene Chloride	< 10.0	< 34.4
1,1,2,2-Tetrachloroethane	< 2.00	< 13.6
Tetrachloroethene	E 108	E 724
1,1,1-Trichloroethane	< 2.00	< 10.8
1,1,2-Trichloroethane	< 2.00	< 10.8
Trichloroethene	53.2	283
Trichlorofluoromethane	< 2.00	< 11.1
Freon 113	< 2.00	< 15.2
Vinyl Chloride	< 2.00	< 5.07

Aromatics	PPBv	ug / m3
Benzene	< 2.00	< 6.38
Chlorobenzene	< 2.00	< 9.16
Ethylbenzene	< 2.00	< 8.67
Toluene	< 2.00	< 7.53
m,p-Xylene	3.26	14.1
o-Xylene	< 2.00	< 8.67
Styrene	< 2.00	< 8.51
1,2-Dichlorobenzene	< 2.00	< 11.9
1,3-Dichlorobenzene	< 2.00	< 11.9
1,4-Dichlorobenzene	< 2.00	< 11.9

Ketones	PPBv	ug / m3
Acetone	< 10.0	< 23.7
2-Butanone	< 10.0	< 29.4
2-Hexanone	< 10.0	< 40.9
4-Methyl-2-Pentanone	< 10.0	< 40.9

Miscellaneous	PPBv	ug / m3
Carbon Disulfide	< 10.0	< 31.1
Methyl-tert-Butyl Ether	< 2.00	< 7.20
Vinyl Acetate	< 2.00	< 7.03

ELAP Number 10958 Method: EPA TO-15 Data File: A5148

Comments: ug / m3 = microgram per cubic meter

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Air

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: N/A
Field ID Number: N/A
Sample Type: Air

Lab Project Number: 11-1995
Lab Sample Number: Method Blank 5/25

Date Sampled: N/A
Date Received: N/A
Date Analyzed: 05/25/2011

Halocarbons	PPBv	ug / m3
Bromodichloromethane	< 0.100	< 0.663
Bromoform	< 0.100	< 1.02
Bromomethane	< 0.100	< 0.384
Carbon Tetrachloride	< 0.0400	< 0.249
Chloroethane	< 0.200	< 0.524
Chloroform	< 0.100	< 0.483
Chloromethane	< 0.100	< 0.204
Dibromochloromethane	< 0.100	< 0.843
1,2 Dibromoethane	< 0.100	< 0.761
1,1-Dichloroethane	< 0.100	< 0.401
1,1-Dichloroethene	< 0.100	< 0.393
1,2-Dichloroethane	< 0.100	< 0.401
cis-1,2-Dichloroethene	< 0.100	< 0.393
trans-1,2-Dichloroethene	< 0.100	< 0.393
1,2-Dichloropropane	< 0.200	< 0.916
cis-1,3-Dichloropropene	< 0.100	< 0.450
trans-1,3-Dichloropropene	< 0.100	< 0.450
Methylene Chloride	1.68	5.77
1,1,2,2-Tetrachloroethane	< 0.100	< 0.679
Tetrachloroethene	< 0.100	< 0.671
1,1,1-Trichloroethane	< 0.100	< 0.540
1,1,2-Trichloroethane	< 0.100	< 0.540
Trichloroethene	< 0.0470	< 0.250
Trichlorofluoromethane	< 0.100	< 0.556
Freon 113	< 0.100	< 0.761
Vinyl Chloride	< 0.100	< 0.254

Aromatics	PPBv	ug / m3
Benzene	< 0.100	< 0.319
Chlorobenzene	< 0.100	< 0.458
Ethylbenzene	< 0.100	< 0.434
Toluene	< 0.100	< 0.376
m,p-Xylene	< 0.100	< 0.434
o-Xylene	< 0.100	< 0.434
Styrene	< 0.100	< 0.425
1,2-Dichlorobenzene	< 0.100	< 0.597
1,3-Dichlorobenzene	< 0.100	< 0.597
1,4-Dichlorobenzene	< 0.100	< 0.597

Ketones	PPBv	ug / m3
Acetone	0.973	2.31
2-Butanone	< 0.500	< 1.47
2-Hexanone	< 0.500	< 2.04
4-Methyl-2-Pentanone	< 0.500	< 2.04

Miscellaneous	PPBv	ug / m3
Carbon Disulfide	< 0.500	< 1.55
Methyl-tert-Butyl Ether	< 0.100	< 0.360
Vinyl Acetate	< 0.100	< 0.352

ELAP Number 10958 Method: EPA TO-15 Data File: A5137

Comments: ug / m3 = microgram per cubic meter

Signature: _____
Bruce Hoogesteger, Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997

TO-15 CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: DEC I	COMPANY:	LAB PROJECT #: 11-1995 / CLIENT PROJECT #:
ADDRESS: 3178 DURHAM RD	ADDRESS:	
CITY: HAMBURG STATE: NY ZIP: 14075	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS) STD ☒ 7 OTHER ☐
PHONE: 716-639-5958 FAX:	PHONE: FAX:	
PROJECT NAME/SITE NAME: 33 Litch Field St	ATTN: Rutgaff	ATTN:
COMMENTS: Please Email Results to MWP001@D-E-C.COM		Quotation #

Sampling Procedure

DATE	SAMPLE LOCATION/FIELD ID	MATRIX	CANISTER	REGULATOR	START PRESSURE	START TIME	END TIME	END DATE	END PRESSURE	ANALYSIS: TCL	ANALYSIS: Halo	ANALYSIS: Site Specific	RETURN PRESSURE	PARADIGM LAB SAMPLE NUMBER (Read at Login)
5/18/11	TO-5	AIR	C 1034	R		11:48	11:48	05/19/11					17	17 6731
	TO-9	AIR	C 1001	R		11:44	11:44						11	11 6732
	TO-6	AIR	C 1028	R		11:48	11:45			no sample			30	~~30 6733~~
	TO-7	AIR	C 1014	R		11:46	11:46						30	14 6734
		AIR	C	R										
		AIR	C	R										
		AIR	C	R										
		AIR	C	R										
		AIR	C	R										
		AIR	C	R										

Can be run per MWP 5/27/11

Remarks:

****LAB USE ONLY BELOW THIS LINE****

Sampled By	5/18/2011 11:44	Date/Time
Relinquished By	5/19/2011	Date/Time
Received By	5/19/11 1245	Date/Time
Received @ Lab By	5/19/11 1415	Date/Time

Total Cost:

P.I.F.

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997

TO-15 EQUIPMENT CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:
COMPANY: DECI	COMPANY:
ADDRESS: 3178 DURHAM ROAD	ADDRESS:
CITY: HAMBURG STATE: NY ZIP: 14075	CITY: STATE: ZIP:
PHONE: 716-639-5958 FAX:	PHONE: FAX:
ATTN: DUFFAFF	ATTN:
COMMENTS:	

LAB PROJECT #: 11-1995
CLIENT PROJECT #:
TURNAROUND TIME: (WORKING DAYS) STD OTHER [ ] 3 [ ] 5 [X] 7 [ ]
Quotation #

PROJECT NAME/SITE NAME: 33 Litchfield

Equipment Tracking

	CANISTER	SHIPPED VACUUM	CANISTER	SHIPPED VACUUM	CANISTER	SHIPPED VACUUM		REGULATOR	FLOW	DURATION	REGULATOR	FLOW	DURATION	REGULATOR	FLOW	DURATION	HAND GUAGE
C	1014	30	C		C		✓	R 503		24h	R			R			
C	1001	30	C		C		✓	R 504			R			R			
C	1028	30	C		C		✓	R 518			R			R			
C	1034	30	C		C		✓	R 520		✓	R			R			
C			C		C			R			R			R			
C			C		C			R			R			R			
C			C		C			R			R			R			
C			C		C			R			R			R			
C			C		C			R			R			R			
C			C		C			R			R			R			

Remarks:

All equipment returned in good condition, + vacuum gauge. EAH 5/19

****LAB USE ONLY BELOW THIS LINE****

Picked up By	05/18/2011 10:30 AM	Total Cost:
Returned By	05/19/2011 12:37p	
Received By	5/19/11 1245	P.I.F.
Received @ Lab By	Elizabeth A Honch 5/19/11 1415	

Appendix C

Boring Logs

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10a HOLE NO. Bore Hole 6a-11 SURF. ELEVATION —

PROJECT 33 Litchfield Street - Subsurface Investigation LOCATION —

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 05/03/11 COMPLETED 05/03/11

DEPTH IN FT	SN REC	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WATER TABLE AND REMARKS
								Advanced augers without split spoon sampling to 4.0 feet.	Sample #1 taken between 4.0 and 6.0 foot depth.
								4.0	Advanced bore hole without split spoon sampling to 4.0 feet over sandy soil fill with some silt to end of boring.
	1	5						Extremely moist brown (SILTY-SAND) fill with 0 to 3% gravel, some silt, loose, very loose below 6.0 feet, (SM).	HEAD SPACE PID READINGS (PPM)
5	20		4			8			Sample # / Depth / Background / PID-PPM
				4					1 4.0 to 6.0' 0.0 0.899
					4				2 6.0 to 8.0' 0.0 0.987
	2	2							
	12		2			4			
				2				8.0	No water at completion.
					2			Boring completed at 8.0 feet.	
10									
15									
20									

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw) SHEET 1 OF 1

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10a HOLE NO. Bore Hole 10-11 SURF. ELEVATION —

PROJECT 33 Litchfield Street – Subsurface Investigation LOCATION —

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 05/04/11 COMPLETED 05/04/11

DEPTH IN FT	SN REC	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION
								Gray asphalt pavement. 0.3
	1	13						
	17		12					
				12				
	2	6						
	16		6			9		
				3				
					3			
	3	4						
5	19		23			42		Extremely moist gray very gravelly (SILTY-SAND) fill with 40 to 60% mostly angular gravel, very fine to very coarse size sand, little silt, compact, massive soil structure, (SM), (GM). 0.8
				19				
					11			
	4	10						
	20		11			22		Extremely moist grayish brown (SILTY-SAND) fill with 3 to 7% gravel, little silt, trace cinders, compact, massive soil structure, (SM). 1.1
				11				
					14			
	5	13						
	16		14			31		Extremely moist brown (SILTY-SAND) fill with 3 to 7% gravel, little silt, compact, massive soil structure, (SM). 4.0
				17				
10					00/4			Extremely moist brown (SILTY-SAND) with 5 to 15% gravel, mostly fine to coarse size sand, little silt, dense and compact, weakly stratified, (SM). 9.8
								Boring completed at 9.8 feet.
15								
20								

WATER TABLE AND REMARKS

Asphalt pavement to 0.3 feet over mostly crushed stone fill to 0.8 feet over sandy soil fill with little silt to 4.0 feet over water sorted and deposited sand with little silt, trace to little gravel to end of boring.

HEAD SPACE PID READINGS (PPM)

Sample #	Depth	Background	PID-PPM
1	0.5 to 2.0'	0.0	0.707
2	2.0 to 4.0'	0.0	0.703
3	4.0 to 6.0'	0.0	0.708
4	6.0 to 8.0'	0.0	0.71
5	8.0 to 10.0'	0.0	0.707

No water at completion.

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw)

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10a HOLE NO. Bore Hole 11-11 SURF. ELEVATION —

PROJECT 33 Litchfield Street - Subsurface Investigation LOCATION —

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 05/04/11 COMPLETED 05/04/11

DEPTH IN FT	SN REC	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WATER TABLE AND REMARKS
								Gray asphalt pavement. 0.3	Asphalt pavement to 0.3 feet over mostly crushed stone fill to 0.8 feet over sandy soil fill with little silt, trace to little gravel to 3.0 feet over coarse silty slack water sediment with little sand to 4.8 feet over water sorted and deposited sand with little silt to end of boring.
	1	8							
	16		7						
				3					
	2	3							
	21		3			8			
				5					
					4				
	3	3							
5	22		3			10		Extremely moist brownish gray (SILTY-SAND) fill with 5 to 15% gravel, little silt, trace slag and cinders, loose, massive soil structure, (SM). 3.0	
				7					
					15				
	4	7							
	20		10			21			
				11					
					13				
	5	8							
	18		11			24		Extremely moist faintly mottled brown (SANDY-SILT) with 0 to 3% gravel, little mostly very fine to fine size sand, loose, blocky soil structure, (ML). clear transition to 4.8	▼ Water level at 7.5 feet below ground surface at completion.
				13					
10					100/3			Extremely moist to wet faintly mottled brown (SILTY-SAND) with 5 to 10% gravel, mostly fine to coarse size sand, little silt, compact, weakly stratified, (SM). 9.8	
								Boring completed at 9.8 feet.	
15									
20									

HEAD SPACE PID READINGS (PPM)

Sample #	Depth	Background	PID-PPM
1	0.5 to 2.0'	0.0	0.761
2	2.0 to 4.0'	0.0	0.759
3	4.0 to 6.0'	0.0	0.735
4	6.0 to 8.0'	0.0	0.766
5	8.0 to 10.0'	0.0	0.714

N=NUMBER OF BLOWS TO DRIVE 2" SPOON 12" WITH 140 lb. WT. FALLING 30" PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw) SHEET 1 OF 1

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10a HOLE NO. Bore Hole 12-11 SURF. ELEVATION —

PROJECT 33 Litchfield Street - Subsurface Investigation LOCATION —

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 05/04/11 COMPLETED 05/04/11

DEPTH IN FT	SN REC	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WATER TABLE AND REMARKS
	1	4						Wet to extremely moist dark brown (SANDY-SILT) topsoil fill with 3 to 7% gravel, little sand and organic matter, loose, massive soil structure, (ML). 0.3	Coarse silty topsoil fill with little sand and organic matter to 0.6 feet over mostly slag and cinders fill to 0.6 feet over sandy soil fill with little silt to 1.3 feet over coarse silty slack water sediment with little silt to 2.7 feet over water sorted and deposited sand with little silt to 7.5 feet over sandy glacial till with little silt, trace to little sand to refusal.
	20		6			10			
				4					
					2				
	2	2						Mostly slag and cinders fill. 0.6	
	18		2			6			
				4					
					5				
	3	2						Extremely moist grayish brown (SILTY-SAND) fill with 5 to 10% gravel, little silt, trace slag, cinders and glass, loose, massive soil structure, (SM). 1.3	
5	21		2			5			
				3					
					6				
	4	7						Extremely moist faintly mottled brown (SANDY-SILT) with 0 to 3% gravel, little mostly very fine to fine size sand, trace clay, loose, weakly blocky soil structure, (ML).	HEAD SPACE PID READINGS (PPM)
	19		10			23		clear transition to 2.7	
				13					Sample # / Depth / Background / PID-PPM
					19				1 0.0 to 2.0' 0.0 0.772
	5	14							2 2.0 to 4.0' 0.0 0.748
	14		21						3 4.0 to 6.0' 0.0 0.746
				100/3					4 6.0 to 8.0' 0.0 0.747
10								Extremely moist faintly mottled brown (SILTY-SAND) with 5 to 10% gravel, mostly fine to coarse size sand, little silt, loose, compact below 6.0 feet, weakly stratified, (SM).	5 8.0 to 10.0' 0.0 0.745
								clear transition to 7.5	
								Extremely moist brown (SILTY-SAND) with 5 to 15% gravel, little silt, dense with brittle consistence, (SM). 9.6	No water at completion.
15								Auger refusal at 9.6 feet.	
20									

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw)

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10a HOLE NO. Bore Hole 13-11 SURF. ELEVATION —

PROJECT 33 Litchfield Street - Subsurface Investigation LOCATION —

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 05/04/11 COMPLETED 05/04/11

DEPTH IN FT	SN REC	0/6 BLOWS ON SAMPLER	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WATER TABLE AND REMARKS
	1	4				8		Gray asphalt pavement. 0.2	Asphalt pavement to 0.2 feet over mostly slag and cinders fill to 0.7 feet over sandy soil fill with little silt, trace to little gravel to 2.7 feet over water sorted and deposited sand with little silt, trace gravel to end of boring.
	9		3					Mostly slag and cinders fill. 0.7	
				2					
	2	2						Extremely moist brownish gray (SILTY-SAND) fill with 5 to 15% gravel, little silt, trace slag, cinders and brick fragments, loose, massive soil structure, (SM). 2.7	
	17		4						
				4					
					6				
5								Extremely moist to wet faintly mottled brown (SILTY-SAND) with 5 to 10% gravel, mostly fine to coarse size sand, little silt, loose, weakly stratified, (SM). 4.0	
								Boring completed at 4.0 feet.	
10									
15									
20									

HEAD SPACE PID READINGS (PPM)

Sample #	Depth	Background	PID-PPM
1	0.5 to 2.0'	0.0	0.762
2	2.0 to 4.0'	0.0	0.756

No water at completion.

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw)

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10a HOLE NO. Bore Hole 14-11 SURF. ELEVATION —

PROJECT 33 Litchfield Street – Subsurface Investigation LOCATION —

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 05/04/11 COMPLETED 05/04/11

DEPTH IN FT	SN REC	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WATER TABLE AND REMARKS
								Gray asphalt pavement. 0.2	Asphalt pavement to 0.2 feet over mostly slag and cinders fill to 0.6 feet over sandy soil fill with little silt to 1.2 feet over water sorted and deposited sand with little silt to end of boring.
	1	2				3		Mostly slag and cinders fill. 0.6	
	13		1						HEAD SPACE PID READINGS (PPM)
				2					
	2	2				7		Extremely moist grayish brown (SILTY-SAND) fill with 3 to 7% gravel, little sand, trace slag, cinder and organic matter, very loose, massive soil structure, (SM). 1.2	Sample # / Depth / Background / PID-PPM
	20		3						1 0.5 to 2.0' 0.0 0.77
				4					2 2.0 to 4.0' 0.0 0.769
					8				
5								Extremely moist to wet brown (SILTY-SAND) with 5 to 10% gravel, mostly fine to coarse size sand, little silt, very loose, loose below 2.0 feet, weakly stratified, (SM). 4.0	No water at completion.
								Boring completed at 4.0 feet.	
10									
15									
20									

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw)

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10a HOLE NO. Bore Hole 15-11 SURF. ELEVATION —

PROJECT 33 Litchfield Street – Subsurface Investigation LOCATION —

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 05/03/11 COMPLETED 05/03/11

DEPTH IN FT	SN REC	0/6 BLOWS ON SAMPLER	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION
								Gray asphalt pavement. 0.2
	1	4						
	10		3			5		Mostly slag and cinders fill. 0.8
				2				
	2	3						
	19		4			13		Extremely moist gray (SILTY-SAND) fill with 3 to 7% gravel, slag and cinders, little silt, loose, massive soil structure, (SM). 1.2
				9				
					11			
	3	4						
5	17		2			4		Extremely moist to wet brown (SANDY-SILT) fill with 3 to 7% gravel, little mostly very fine to fine size sand, very loose, massive soil structure, (ML). 4.0
				2				
					1			
	4	7						
	22		13			32		Wet faintly mottled brown (SILTY-SAND) with 5 to 10% gravel, mostly fine to coarse size sand, little silt, very loose, massive soil structure, (SM).
				19				
					21			
	5	16						
	20		16			38		clear transition to 6.7
				22				Extremely moist brown (SILTY-SAND) with 5 to 15% gravel, little silt, dense with brittle consistence, massive soil structure, (SM). 9.8
10					100/4			Boring completed at 9.8 feet.
15								
20								

WATER TABLE AND REMARKS

Asphalt pavement to 0.2 feet over mostly slag and cinders fill to 0.8 feet over sandy soil fill with little silt, trace slag, cinders and gravel to 1.2 feet over coarse silty soil fill with little sand to 4.0 feet over water sorted and deposited sand with little silt to 6.7 feet over sandy glacial till with little silt, trace to little gravel to end of boring.

HEAD SPACE PID READINGS (PPM)

Sample #	Depth	Background	PID-PPM
1	0.0 to 2.0'	0.0	0.735
2	2.0 to 4.0'	0.0	0.741
3	4.0 to 6.0'	0.0	0.752
4	6.0 to 8.0'	0.0	0.745
5	8.0 to 10.0'	0.0	0.763

No water at completion.

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw) SHEET 1 OF 1

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10a HOLE NO. Bore Hole 16-11 SURF. ELEVATION —

PROJECT 33 Litchfield Street - Subsurface Investigation LOCATION —

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 05/03/11 COMPLETED 05/03/11

DEPTH IN FT	SN REC	0/6 BLOWS ON SAMPLER	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION
								Gray asphalt pavement. 0.2
	1	4				3		Mostly slag and cinders fill, trace brick fragments. 1.4
	16		1					
				2				
	2	2			1	5		Extremely moist brown (SILTY-SAND) fill with 3 to 7% gravel, little silt, very loose and loose, massive soil structure, (SM). 4.5
	11		2					
				3				
					2			
	3	3						
5	18		2			4		Extremely moist to wet faintly mottled brown (SANDY-SILT) with 5 to 10% gravel, some mostly very fine to fine size sand, very loose, weakly stratified, (ML).
				2				
					1			clear transition to 6.7
	4	3						
	20		2			5		Wet faintly mottled brown (SILTY-SAND) with 5 to 10% gravel, mostly fine to coarse size sand, little silt, loose, stratified, (SM).
				3				
					6			clear transition to 8.3
	5	15						
	22		22			44		Extremely moist brown (SILTY-SAND) with 3 to 7% gravel, little silt, dense with brittle consistence, massive soil structure, (SM). 12.8
				22				
					23			
10	6	16						Auger refusal at 12.8 feet.
	19		21			48		
				17				
					23			
	7	100/4						
	3							
15								
20								

WATER TABLE AND REMARKS

Asphalt pavement to 0.2 feet over mostly slag and cinders fill to 1.4 feet over sandy soil fill with little silt to 4.5 feet over water sorted and deposited coarse silt with some sand to 6.7 feet over water sorted and deposited sand with little silt to 8.3 feet over sandy glacial till with little silt, trace gravel to refusal.

HEAD SPACE PID READINGS (PPM)

Sample #	Depth	Background	PID-PPM
1	0.5 to 2.0'	0.0	0.796
2	2.0 to 4.0'	0.0	0.896
3	4.0 to 6.0'	0.0	0.895
4	6.0 to 8.0'	0.0	0.965
5	8.0 to 10.0'	0.0	0.987
6	10.0 to 12.0'	0.0	0.85
7	12.0 to 14.0'	0.0	1.26

No water at completion.

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw)

Phase II

Groundwater Sampling

Carriage Factory

33 Lichfield Street
Rochester, NY 14608
SHARS # 20116060

Prepared For:

The DePaul Group

1931 Buffalo Road
Rochester, NY 14624

Prepared By:

Development & Environmental Consultants, Inc.

3178 Durham Road
Hamburg, NY 14075
(716) 639-5958 # Fax: (716) 980-0850

April, 2012

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1.0 Executive Summary

Development & Environmental Consultants, Inc. (DECI) conducted a subsurface groundwater site investigation and environmental assessment of the building located at 33 litchfield Street, Rochester, NY. The purpose of the investigation was to assess potential bedrock groundwater impacts under the building.

Three (3) bedrock ground water observation wells, herein after referred to as rock-wells (RW) were installed during the dates of March 20th. though March 22nd. 2012.

RW-1 is established in the buildings southeast area. RW-2 is located in the northeast area, and RW-3 is established in the northwest area of the basement. A well location drawing is presented as Figure-2, in Appendix A.

Water samples were prepared for analysis by EPA Method, 8260B Volatile Organic Compounds (VOC) and EPA Method 8270C Semi-Volatile Organic Compounds (SVOC) - Total Compound List (TCL).

Results of the analytical findings determined non-detect values for all SVOC's. VOC analysis detected values above New York State Department of Environmental Conservation (DEC), Technical Operational Guidance Series (TOGS) 1.1.1 guidance values for groundwater (GW). The parameters exceeding TOGS guidance are cis-1,2-Dichloroethene, Tetrachloroethene, Trichloroethene and Vinyl chloride in RW-1. RW-2 presented cis-1,2-Dichloroethene and Trichloroethene above guidance, and RW-3 presented cis-1,2-Dichloroethene, trans-1,2-Dichloroethene and Trichloroethene above TOGS guidance requirements.

1.1 Purpose and Authorization

DECI was authorized by the DePaul Group to identify potential bedrock groundwater impacts under the building located at 33 Litchfield Street, Rochester, NY. A site location map is presented in Figure-1, Appendix A.

The purpose of the investigation was to assess the potential of groundwater impact as a result of suspect contamination leaking through the floor of the facility due to historical operations.

The investigation was performed at the recommendation of DEC, and, under the authority of the above referenced client, due to the findings of previous environmental investigations.

2.0 Site Location

The Project parcel encompasses approximately 1.50± ac. in area. The site is located in the Rochester, NY Quadrangle, as stipulated by the United States Geological Survey (USGS) Topographic Map system dated 1985, at Longitude -77.625789 and Latitude of 43.154282. The elevation of the site is approximately five hundred and sixteen (516) National Gravitational Vertical Datum (NGVD). A location drawing is presented in Appendix A, Figure-1, Location.

There is one (1) brick walled building, with wood frame, floors and roof structure located on the northern margin of the parcel. The building is four (4) stories in elevation form the street interval, with a basement elevation one (1) story below grade. The basement floor is poured concrete. The interior of the facility is predominantly configured as former manufacturing area and office space. The facility contains one (1) freight elevator. The buildings construction date is circa 1910 and the facility encompass an aggregate area of 78,060± sq. ft.

The area of this investigation was located in the basement of the structure.

3.0 Historical Environmental Assessments

The project Sponsor has undertaken and completed the following Environmental Site Assessments (ESA) of the site and building. The investigations include a Phase I ESA, Limited Phase II Subsurface Investigation, an Indoor Sub-slab Vapor Intrusion investigation and a Subsurface Site Qualification Investigation.

The following sections provide a brief overview of the investigations conducted and their respective findings.

3.1 Phase I Environmental Site Assessment

A Phase I Environmental Site Assessment, was prepared by Development & Environmental Consultants, Inc. in August of 2010. The report was prepared in accordance with the guidelines established by the American Society of Testing and Materials (ASTM) Document method E-1527-05, Standard Practice for Environmental Site Assessments: Phase I Site Assessment Process, and conforms or exceeds those requirements set forth in 40 CFR Part 312 Innocent Landowners, Standards for Conducting All Appropriate Inquiries.

The site is located in the Rochester, NY Quadrangle, as stipulated by the United States Geological Survey (USGS) Topographic Map system dated 1985, at Longitude -77.625789 and Latitude of 43.154282. The target parcel encompasses approximately 1.50± ac. in area. The elevation of the site is approximately five hundred and sixteen (516) National Gravitational Vertical Datum (NGVD). Slope of the site is approximately 0-5% from the southern wall sloping south and down gradient from the building, continuing south to the properties southern most margin. The western margin of the site is at grade with Clark Alley. The eastern area of the site is up-gradient of the road bed of Lichfield Street at the northern intersection of the building, meeting native eastern, southeastern and southwestern topographical elevations.

The local transportation network is made up of Litchfield Street, a two (2) lane local access road traversing north and south from West Main Street, ending just north of the target, forming the eastern margin of the parcel. Wiley Street a two (2) lane local access street traversing east and west from the intersection of Wiley and Litchfield Streets and forms the target parcels northern margin. Clark Alley is one (1) lane in width and traverses north and south along the parcels western margin, at the southern end of Clark Alley, the roadway splits and traverses east to Litchfield and west to King Street. Finally the southern margin of the parcel is located in a macadam parking area located contiguously south of Clark Alley.

Current zoning of the Litchfield Street parcel is Center City District (CCD).

Community character is established as manufacturing/warehousing north, east, and southeast with commercial and retail land uses further south along the West Main Street corridor. The western and northwestern land uses are predominantly single and multi-family residential intermixed with sparsely populated neighborhood businesses.

Public Utilities are available to the subject parcel, including potable water, natural gas, electrical energy and sanitary/storm water sewer services. Sanitary and storm sewer services are provided by the City of

Rochester and Monroe County, potable and fire protection water is provided by the County of Monroe. Natural gas and electrical energy are provided by Rochester Gas & Electric.

There is one (1) brick walled building, with wood frame, floors and roof structure located on the northern margin of the parcel. The building is four (4) stories in elevation form the street interval, with a basement elevation one (1) story below grade. The basement floor is poured concrete. The interior of the facility is predominantly configured as former manufacturing area and office space. The facility contains one (1) freight elevator. The buildings construction date is circa 1910 and the facility encompass an aggregate area of 78,060± sq. ft.

The building was originally built for the purpose of manufacturing in the early 1900's. The sites historical land use to date has been that of manufacturing and undeveloped land based uses. The 1882 Sanborn Map shows the currently undeveloped land mass contiguously south of the building as the Wm, B. Morse and Company lumber yard, which engaged in wholesale and retail bulk distribution wood based building products. Representative structures on-site at that time were typical wood sheds and vertical storage racks. The Lumber Yard operation encompassed the entire surface area currently viewed as the sites southern open space. The James Cunningham Son & Company operated the site from the early 1900's through the 1950's. The manufacturing based uses were that of horse drawn carriages and later, wood automotive trim components. The final manufacture to occupy the facility was North State Machinery during the 1970's, North State manufactured washers and dryers.

Manufacturing land uses tend to present historically inherent potential for Recognized Environmental Conditions (REC). The potential REC's associated with this facility and site are presented as a result of the former, machine shop, material handling areas and painting operations formerly located in the facility as well as the operations conducted on-ste.

The information generated from the Phase I ESA identified eight (8) potential Environmental Recognized Condition(s) as follows:

1) The potential impact of historical sanitary discharges and/or potential of the un-known presence of floor drains and their respective discharge points warrant's further evaluation.

2) Potential Asbestos Containing Materials were observed in the building. Considering the degraded interior condition of the building, all suspect ACM materials are to be considered in very poor condition.

3) The structures interior wall coatings present a high probability of Lead Based Paint contaminants in very poor condition, throughout the entire facility.

4) A high probability is presented for light fixtures having PCB containing electrical ballasts, located throughout the facility. Additionally, there is a potential for PCB related electrical components observed during the walk through of the building, and potential components located in the inaccessible areas.

5) As result of the age of the outdoor pole mounted power distribution transformers, there is a high probability the transformers contain PCB related compounds. It should be noted that the observed physical condition of this power source was very good, no ground surface staining, distressed vegetation, weeping, staining of the surface or leaking of the transformers was observed.

6) Abandon drums and unidentified containers located in the basement and the third floor present a remedial action requirement. Potentially contaminated puddled water in the basement presents a high probability of impact from leaking from the abandon drums.

7) The Database listed 55 Gallon Drum Historical Spill events formerly located on Clarke Alley and the southwestern area of the target site have been closed, no further action is required.

9) There is a medium probability of petroleum based impacts to surface and subsurface soils located in the area of the loading dock and the undeveloped southern portion of the site as a result of historical drips and leaks generated by transportation related vehicles.

10) Bird excrement located on the upper floors presents a human health risk to workers, proper Personal Protective Equipment (PPE) is recommended for personnel during investigation, sampling, remediation and/or construction related demolition or building events.

3.1.1 Phase I ESA Recommendations

The site and general area presented the potential of Recognized Environmental Conditions, the following is an overview of the recommendations presented as a result of the findings of the site assessment.

1) The potential impact of the un-known presence of floor drains and their respective discharge points warrant's further investigation. Voids or cracks in the floor may present a requirement for additional subsurface investigation in the former paint spraying area, machine shop and drum storage area. This recommendation is dependent on findings of the floor drain and general basement floor condition evaluation.

2) It is recommended the building undergo a ACM Survey to identify all suspect materials requiring removal, repair or encapsulation per NYS Code Rule 56 guidance.

3) A physical survey should be conducted to ascertain the number of fluorescent light fixtures and/or additional electrical components located in in-accessible areas during the walk through, requiring disposal as PCB contaminated components.

4) The abandon drums in the basement and one (1) drum on the third floor should be characterized, over-packed and the remaining spillage observed on the floor in the basement cleaned up. All of the materials must be disposed of per State, Federal and Local requirements.

5) The medium probability of petroleum based contaminants discussed above should be evaluated by completion of a sub-surface investigation of the undeveloped greenspace area, this investigation could be completed during any planned geo-technical subsurface investigations.

6) As a result of the Bird Excrement health risk associated with the building, it is recommended that all personnel be advised of the potential of exposure, and proper PPE procedures be instituted.

3.2 Phase II Limited Subsurface Environmental Investigation

The purpose of the Phase II Subsurface investigation was to determine the potential for Recognized Environmental Conditions identified in the Phase I Environmental Site Assessment (DECI, August 2010).

The investigation consisted of a total of (9) borings. Six (6) borings were completed outside of the building, and three (3) borings in the basement of the facility. The field work was completed during the dates of December 22 through 23, 2010. Soil samples were analyzed for Volatile Organic Contaminants (VOC's), Total Compound List (TCL), Semi-Volatile Organic Contaminants (SVOC's), TCL., Metals, 23 Total Analyte List (TAL), Pesticides/Herbicides and Polychlorinated Biphenyls. The indoor boring samples were not analyzed for Metals, Pesticides and Herbicides or Polychlorinated Biphenyls.

Analytical findings for soils were compared to New York State Department of Environmental Conservation (DEC), Environmental Remediation Programs, Code of Rules and Regulations, 6 NYCRR, Part 375, et. al. Effective December 14, 2006 and DEC Policy, CP-51, August 2010, Soil Cleanup Objectives guidance requirements for Unrestricted and Restricted Residential use. Sub-slab (TO-15) sample values were compared to NYSDOH, Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006.

A brief summation of the Limited Subsurface Investigation found that Boring B-5 surface sample presented concentrations of Trichloroethene above Unrestricted Residential Use, but lower than Restricted Residential guidance values. Trace VOC compounds were identified in Borings B-6, B-7, B-8, B-9 respectively. Trace SVOC compounds were presented in borings B-1, B-3, B-5 and B-9. Boring B-5 provided seven (7) compounds above Restricted and Unrestricted Residential guidance values.

Pesticides are present in surface samples derived from borings, B-1, B-3, B-5, and B-6. Borings B-1 and B-3 present 4,4'DDT above Unrestricted, but below Restricted guidance values.

As a result of the Limited Subsurface Investigations findings, the recommendations for further site characterization and a Sub-slab Vapor Intrusion were implemented.

3.3 Qualification Subsurface Investigation

The Qualification Subsurface Investigation was conducted 3 May, through 4 May 2011. The project completed eight (8) additional borings in the yard, and 12 sub-slab TO-15 Vapor Intrusion sampling locations within the building.

Twelve, TO-15 sample locations were established in the basement of the facility on May 3rd. and 4th., 2011. A second round of sampling was conducted on May18th. and 19th. The second round of sampling was completed as a result of questionable vacuum recovery in the initial event of sample locations TO-5, 6 and 7, and the TO-9 location. Laboratory analytical results were compared to NYSDOH, Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006.

The results of the analysis determined that the TO-1, TO-2, TO-3 and TO-8 locations qualify as no further action required. TO-11 and TO-12 require monitoring, and TO-4, TO-5, TO-7, TO-9 and TO-10 mitigation based on NYSDOH Guidance.

The outdoor component of the investigation determined that petroleum impacts associated with the December B-5 and over-drilled May B-6-1 location present probable minor surface impacts generated as

a result of historical daily transportation related operations conducted on-site. The impacted area is located in the northeastern corner of the yard, adjacent to the southeast corner of the building. Minor contamination of pesticides has been determined in the sites surface soils, predominantly along the perimeter fence line and center area of the site, formerly utilized as the parking and transportation corridor. The Pesticides located on-site are found to be in accedence of Unrestricted Residential re-use guidance values.

The proposed project contains certain potential elements that may be impacted by the findings of these investigations including:

1) Potential impacts associated with elevated herbicide/pesticides.

2) Potential impacts associated with minor petroleum contamination, and;

3) Potential impacts that may be associated with fugitive compound vapor intrusion.

4.0 Drilling and Well Instillation

Three (3) bedrock ground water observation wells were installed between March 20th. though March 22nd. 2012.

Bedrock, boreholes were advanced using rotary techniques and coring. HQ rock cores were obtained from all well bores to facilitate development of an accurate picture of basement, sub-slab near surface bedrock geology via the cored profiles. Water for coring was obtained from a nearby fire hydrant under a permit issued by the City of Rochester.

Bedrock Well, RW-1 is established in the buildings southeast area. RW-2 is located in the northeast area, and RW-3 is established in the northwest area of the basement. The well location drawing is presented as Figure-2, in Appendix A.

4.1 Bedrock lithology

RW-1 Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, highly fractured to 4.5 feet, moderately fractured below, slightly porous with an occasional pit and vug. Coring completed at 14.0 ft.

RW-2 Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, highly broken and fractured including vertical fracture to 4.3 feet, moderately fractured horizontally below, slightly porous with an occasional pit or vug. Coring completed at 12.7 ft.

RW-3 Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, moderate to slightly fractured horizontally with a highly broken and fractured zone from 4.1 to 4.6 feet below ground surface, slightly porous with an occasional pit and vug. Coring completed at 13.9 ft.

Drill cuttings were observed by visual and olfactory methods. The soils did not present apparent impacts. Soils were piled on 6 mil poly sheeting.

4.2 Well Installation

RW-1 Well Detail Advanced Bore hole without split spoon sampling to 3.3 feet with 4 1/4 inch ID x 8 inch OD hollow stem auger casing. Installed 3" flush joint casing and removed augers. Cored below with NQ-2 size core barrel and diamond bit to 14.0 feet. Installed a 2 inch PVC monitoring well in completed bore hole.

RW-2 Well Detail Advanced bore hole to refusal at 2.0 feet without split spoon sampling with 4 1/4 inch ID x 8 inch OD hollow stem auger casing. Advanced bore hole from 2.0 to 3.0 feet with 3 7/8 inch tricone roller bit. Cored below with a NQ-2 size core barrel and diamond bit to 12.7 feet. Installed a 2 inch PVC monitoring well in completed bore hole.

RW-3 Well Detail Bore hole was advanced to refusal at 2.5 feet without split spoon sampling with 4 1/4 inch ID x 6 inch OD hollow stem auger casing. Continued below with a NQ-2 size core barrel and diamond bit to 13.9 feet. Installed a 2 inch PVC monitoring well in completed bore hole.

Well construction details are provided in Appendix B.

4.3 Well Development

The newly installed RW's were developed by hand bailing until turbidity of the discharge was 50 nephelometric turbidity units (NTU) or less. Once turbidity goals were achieved, an additional volume of water was pumped from each well by an electric well pump. The total of both operations removed that volume of water equal to the volume of water circulated during drilling of the individual well. Well development was performed on March 22nd.

Approximately 30 gallons of water were required to drill RW-1 and RW-3. RW-2 consumed approximately 20 gallons.

Development water was drummed for further characterization and/or disposal if required.

4.4 Well Survey

Monitoring well locations, top of well casing (TOC) and floor elevations were surveyed within 0.010 foot accuracy by Parrone Engineering.

Total depth of the wells and water column measurements were acquired utilizing a Solonist, Model 122 Interface Meter, measuring in 0.010 increments. The meter's probe is equipped with an infra-red circuit which detects the presence of liquid, and a conductivity circuit which differentiates between conductive liquid (water) and non-conductive liquid containing Light and Dense Non-Aqueous Phase Liquids (LNAPL or DNAPL products). It should be noted that the probe did not detect the presence of NAPL's in any of the wells during the measurement event.

All of the elevation measurements pertinent to well total depth (TD), surface water (SW) elevations (EL) and water column volumes utilized in this report are based on the northern most, top-of-casing (TOC) surveyed data measuring point (MP).

The following table presents the individual well background elevations and TD corresponding to the Measurement Point (MP).

Well Background Measurements			
MP	**Rock Well-1**	**Rock Well-2**	**Rock Well-3**
TOC	518.83	517.44	518.63
Floor	516.16	516.12	516.12
TOC to TD	15.58	13.40	16.33

Table-1

Groundwater depths, laboratory analytical data, and Site survey data were used to evaluate groundwater flow patterns and contaminant concentration figures.

5.0 Groundwater Sampling

5.1 Groundwater Elevations

The following tables provide the ground water elevations for the respective dates presented.

RW-1 Groundwater Elevation(s)					
Date	**Time**		**TOC to WS**		**WS El**
03-23-12	14:30		5.5		513.33
04-01-12	10:30		5.58		513.25

Table-2

RW-2 Groundwater Elevation(s)					
Date	**Time**		**TOC to WS**		**WS El**
03-23-12	14:30		4.13		513.31
04-01-12	10:30		4.28		513.16

Table-3

RW-3 Groundwater Elevation(s)					
Date	**Time**		**TOC to WS**		**WS El**
03-23-12	14:30		5.17		513.46
04-01-12	10:30		5.43		513.20

Table-4

The groundwater elevations taken in March and April determine a ground water flow trending east-northeast.

5.2 Well Purging

Wells were purged prior to sampling on 23 March 2012. Approximately 15 to 18 gallons were removed form each well. The amount removed represented approximately 3.5 to 4.0 times the calculated well volumes, in keeping with EPA recommended protocol.

Purge water was drummed and stored on-ste for further characterization and disposal if required.

5.3 Sampling

Groundwater samples were collected by low flow methods from each well on 23 March 2012.

One (1) liter of water was collected for SVOC Analysis, and two (2) 40ml vials were collected for VOC Analysis from each well. All glassware was prepared and provided by Paradigm Environmental Services. Samples were prepared and transported to the lab, temperature of the samples was maintained at 4c. Chain of custody protocol was properly completed.

6.0 Analytical Results

All prepared samples were transported and submitted to Paradigm Environmental Services, Inc. (ELAP No. 10958), Rochester, NY, on 23 March 2012.

Sample Analytical methods:

EPA Method 8260B - Volatile Organic Compounds, Total Compound List
EPA Method 8270C - Semi-Volatile Organic Compounds, Total Compound List

Analytical results are compared to DEC, Division of Water, Technical and Operational Guidance Series, TOGS 1.1.1, June 1998, Groundwater Standards. The following table presents the analytical comparison of all analytes detected, to the TOGS standards. The analytical results are reported in parts-per-billion (ppb).

Halocarbons	**TOGS 1.1.1 Groundwater (GW) Guidance (in ppb)**	**RW-1**	**RW-2**	**RW-3**
Chloroform	7	-	-	3.78
cis-1,2-Dichloroethene	5	**6.88**	**26.6**	**81.8**
trans-1,2-Dichloroethene	5	-	2.43	**10.2**
Tetrachloroethene	5	**6.72**	-	2.81
Trichloroethene	5	**7.15**	**9.19**	**125**
Vinyl chloride	2	**3.99**	-	-

Table-5

The analytical findings determined non-detect values for all SVOC's. VOC analysis detected values above TOGS guidance for groundwater (GW). The parameters exceeding TOGS guidance by location are:

RW-1: cis-1,2-Dichloroethene, Tetrachloroethene, Trichloroethene and Vinyl chloride.

RW-2: cis-1,2-Dichloroethene and Trichloroethene.

RW-3: cis-1,2-Dichloroethene, trans-1,2-Dichloroethene and Trichloroethene.

The laboratory report and Chain of Custody are presented in Appendix C.

7.0 Conclusions

The findings of this investigation provides the following conclusions.

1) Soils in the areas of the borings completed in the building have not exhibited the physical characteristics of what would be expected to be found as the "source" of the impacts. Borings B-7 through B-9 laboratory analysis confirm this assessment. Though analytical findings of the soils acquired from each location do present marginal impacts, said impacts are below Unrestricted Guidance SCO's. These findings are summarized above in Section 3.2 Phase II Limited Subsurface Environmental Investigation, and further supported in the full report. Soils generated from borings RW-1, RW-2 and RW-3, acquired from the bottom of the slab floor to the top of the bedrock interface were field screened. No potential impacts were observed or detected by visual, olfactory and/or direct reading instrumentation screening methods.

   A boring location drawing and the VOC comparison table from the February 2011 report are included for the users convenience in Appendix D, Historical Investigation References.

2) December 2010 surface borings from the 0-4 ft. below ground surface (bgs), at the B–5 and B-6 locations present Trichloroethene at the B-5, and trace values for Tetrachloroethene at the B-6 locations. The B-5 location was over drilled in May 2011, Boring B-6-1 samples were acquired for VOC and SVOC analysis from 4-8 ft. bgs. interval. The analytical findings returned non-detect values for VOC and SVOC analyte's. The findings of the B-5 over drill document that the shallow surface impacts are contained in the first four feet bgs. To date, no evidence is presented supporting potential impacts of groundwater resources from historical site operations or the currently known areas of impact.

3) The Total Depth borings completed in December 2010 and May 2011 located in the yard and southern parking lot, submitted soil samples acquired from the top of bedrock. Laboratory analysis provided non-detect values for all VOC and SVOC ranges. These findings present no potential impact to ground water resources.

4) Laboratory analysis of the water samples for SVOC's returned non-detect for all analytes.

5) Laboratory analysis of the water samples for Halocarbons (VOC's) in the three (3) monitoring wells returned values above TOGS guidance.

6) The findings of this investigation are consistent with the areas of impacts previously provided by data and findings generated from the December 2010 hand augured borings, and the Vapor Intrusion Investigation sampling of and May 2011. Those areas being

described as the northwest corner, the atrium and the southeast areas of the basement. The Historical TO-15 investigation is summarized in Section 3.3 Qualification Subsurface Investigation above, and the TO-15 sample location drawing and analytical comparisons tables are included for reference in Appendix D.

7) As a result of the elevated VOC findings in the groundwater at the three interior well locations, there is a potential for off-site impacts associated with groundwater migration.

8.0 Recommendations

Further actions are recommended. The consultant recommends additional characterization of potential groundwater impacts in the basement of the building and off-site.

8.1 Interim Recommendations

DECI recommends continuing with investigation activities that do not present the potential for conflict with HUD requirements and the additional limitations discussed below. This interim recommendation includes a total of three (3) additional bedrock monitoring wells. Two wells off-site, one (1) north, one (1) east of the building, and one up-gradient in the yard south of the building.

8.2 Deferred Recommendations

We recommend addressing the indoor characterization upon completion of the demolition of the floor and removal all overhead mechanical, electrical, plumbing (MEP) components and demolition of the Atrium structure. The reasons for deferring the indoor work are four fold.

1) To date a total of six (6) borings have been completed inside the building. They are B-7, B-8 and B-9 hand augured in December, 2010 and, RW-1 through RW-3 drilled in March, 2012 soils in the areas investigated do not present the characteristics of the "Source." As such further indoor investigation is recommend. The areas of the building to be assessed included the southeast, northwest corner and the atrium. Equipment access to the western locations are limited due to headroom and the existing overhead MEP. The Artium is structurally unsafe and posses an unreasonable risk to worker safety. In addition, removal of the overhead fixtures and the floor will provide need equipment access.

2) In removing the floor and the Atrium structural hazard prior to further subsurface or groundwater investigation, the sub-slab and source impacts are expected to be clearly definable, thereby providing for the removal of suspect source materials and providing a cost effective targeted investigation in one mobilization. Attempting further indoor investigation at this time will not provide access to the areas needed in order to complete a comprehensive investigation, further mobilization(s) would be required.

3) HUD requirements provided for in 24cfr, Part 58 Environmental Review Procedures for Entities Assuming HUD Environmental Responsibilities, allow for certain investigation activities during the project's review. Qualifying investigations are those that do not physically alter the structure or site. Activities considered construction related are not acceptable to be undertaken prior to HUD approval for the Request for Release of Funds (RROF). As such, the argument for removing the floor for further investigation could be

reasonably justified at this time as a component of further investigation. However, before undertaking the magnitude of that phase of the project, the MEP and Asbestos containing materials must be removed first. HUD generally accepted practice is that MEP and Asbestos removal operations are categorically considered construction related.

4) The project sponsor does not own the building. Permission would be required from the owner to proceed with any planned demolition activities.

9.0 Limitations

This report has been prepared for the exclusive use of The DePaul Group and is a professional opinion and judgment dependent upon DECI's knowledge and a limited number of test points. DECI cannot certify, guarantee, or warranty that the study/work site is or is not free of environmental impairment. Further investigation and testing of the site could better define the actual environmental condition of the property, but would be limited to the actual testing locations from which samples were analyzed and may not apply to the site as a whole.

Review of the data made available to DECI for this report and the information generated while working on this project indicated there were environmental conditions recognized which should be brought to the attention of the client/user for their assessment, based on his/her risk tolerance, fiduciary responsibility or the applicable law, to determine the extent of further inquiry. While the scope and limitations of this investigation did not find significant environmental impact, certain hidden conditions could be present at the site.

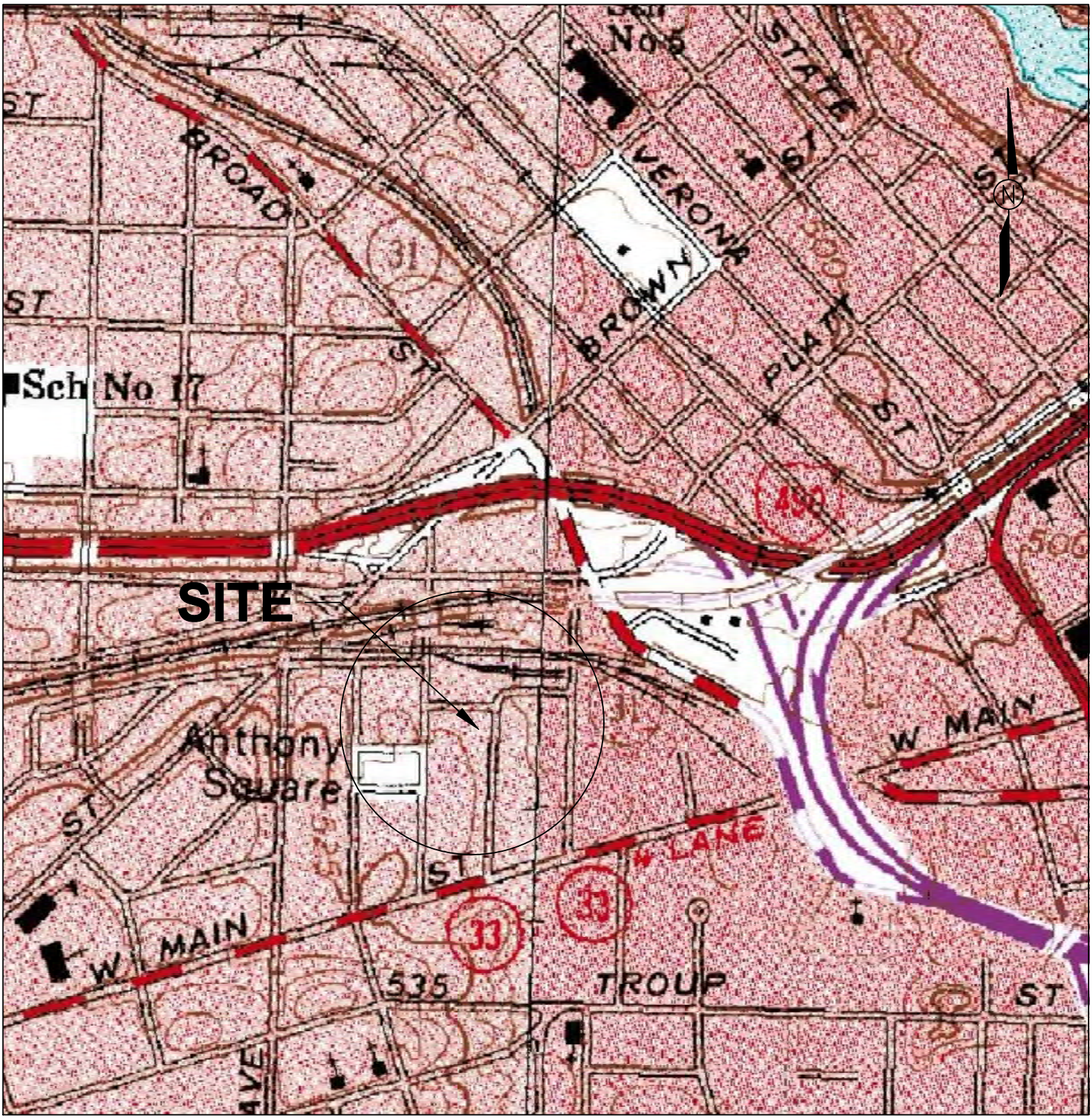
In performing professional services, DECI uses the degree of care and skill exercised under similar circumstances by members of the environmental profession practicing in the same or similar locality under similar conditions. The standard of care shall be judged exclusively as of the time these services are rendered, and not according to later standards. DECI makes no express or implied warranty beyond its conformance to this standard.

DECI shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed for this report. DECI believes that all information contained in this report to be factual, however no guarantee is made or implied. DECI shall not be responsible for any loss, damage, or liability arising from any negligence of the client or others in the interpretation or use of the results of this assessment.

The facts and conditions referenced in this report may change over time. The conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

Appendix - A

Figures



33 Litchfield Sreet
Rochester, NY

prepared for

DePaul Group, Inc.
1931 Buffalo Road
Rochester, NY

FIGURE 1
Location

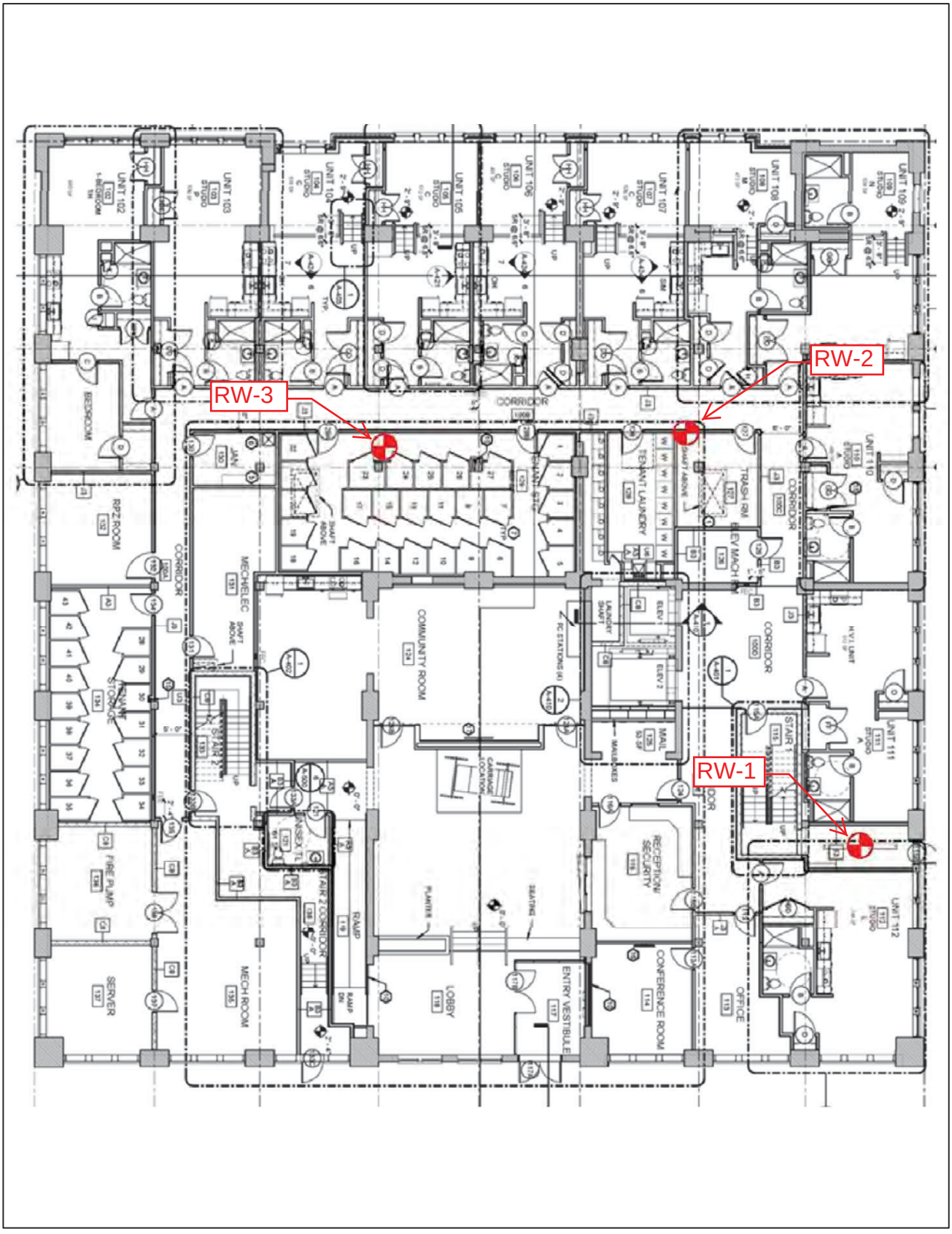
SCALE
No Scale

0 60 120

DECI Development & Environmental Consultants, Inc.

DRAWN BY	MWP	08/27/2010
CHECKED BY	MWP	08/28/2010
APPROVED BY		
REVISED		

DRAWING NUMBER FIGURE 1



33 Litchfield Sreet
Rochester, NY
prepared for
DePaul Group, Inc.
1931 Buffalo Road
Rochester, NY

FIGURE 2
Bedrock Well Locations

SCALE
No Scale

0 60 120

DECI Development & Environmental Consultants, Inc.

DRAWN BY	MWP	04/08/2012
CHECKED BY	MWP	04/08/2012
APPROVED BY		
REVISED		

DRAWING NUMBER FIGURE 2

Appendix - B

Well Completion Logs

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10b HOLE NO. BW-01-12 SURF. ELEVATION _

PROJECT 33 Litchfield Street, Monitoring Well Installation LOCATION _

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 03/20/12 COMPLETED 03/21/12

DEPTH IN FT | BLOWS ON SAMPLER | SN | 0/6 | 6/12 | 12/18 | 18/24 | N | LITH | DESCRIPTION AND CLASSIFICATION | WELL (1) | WATER TABLE AND REMARKS

Gray concrete.

0.5

Advanced bore hole without split spoon sampling to auger refusal at 3.3 feet.

3.3

Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, highly fractured to 4.5 feet, moderately fractured below, slightly porous with an occasional pit and vug.

14.0

Coring completed at 14.0 feet.

(3) .010 SLOT 2" PVC SCREEN

(2) #00N SIZE MORIE SAND PACK

(1) APPROXIMATELY 2.5' OF 2" PVC STICK UP WITH LOCKING J-PLUG
(2) BENTONITE SEAL
(3) 2" SCHEDULE 40 FJT RISER

← 3.4'

← 4.0'

Note: Advanced bore hole without split spoon sampling to 3.3 feet with 4 1/4 inch ID x 8 inch OD hollow stem auger casing. Installed 3" flush joint casing and removed augers. Cored below with NQ-2 size core barrel and diamond bit to 14.0 feet. Installed a 2 inch PVC monitoring well in completed bore hole.

EDI Bedrock Hardness Classification

Medium hardness: can be easily etched with knife.
Moderately hard: can be etched with knife with some effort.

14.0'

Run #	Depth (ft)	Length (ft)	Rec (ft)	Rec %	RQD %
1	3.3 to 6.2	2.9	2.6	90	52
2	6.2 to 9.0	2.8	2.5	89	73
3	9.0 to 14.0	5.0	5.0	100	72

N=NUMBER OF BLOWS TO DRIVE N/A SPOON N/A" WITH N/A lb. WT. FALLING N/A " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw) SHEET 1 OF 1

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10b HOLE NO. BW-02-12 SURF. ELEVATION _

PROJECT 33 Litchfield Street, Monitoring Well Installation LOCATION _

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 03/21/12 COMPLETED 03/21/12

DEPTH IN FT | BLOWS ON SAMPLER | SN | 0/6 | 6/12 | 12/18 | 18/24 | N | LITH | DESCRIPTION AND CLASSIFICATION | WELL | WATER TABLE AND REMARKS

Gray concrete. 0.5

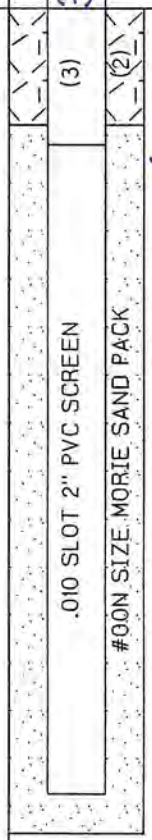
Advanced bore hole without split spoon sampling to auger refusal at 2.0 feet. 2.0

Apparent dolostone bedrock. 3.0

Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, highly broken and fractured including vertical fracture to 4.3 feet, moderately fractured horizontally below, slightly porous with an occasional pit or vug.

12.7

Coring completed at 12.7 feet.



(1) APPROXIMATELY 1.0' OF 2" PVC STICK UP WITH LOCKING J-PLUG

← 1.8'

← 2.1'

(2) BENTONITE SEAL

(3) 2" SCHEDULE 40 FJT RISER

Note: Advanced bore hole to refusal at 2.0 feet without split spoon sampling with 4 1/4 inch ID x 8 inch OD hollow stem auger casing. Advanced bore hole from 2.0 to 3.0 feet with 3 7/8 inch tricone roller bit. Cored below with a NQ-2 size core barrel and diamond bit to 12.7 feet. Installed a 2 inch PVC monitoring well in completed bore hole.

EDI Bedrock Hardness Classification

Medium hardness: can be easily etched with knife.

Moderately hard: can be etched with knife with some effort.

← 12.1'

← 12.7'

Run #	Depth (ft)	Length (ft)	Rec (ft)	Rec %	RQD %
1	3.0 to 4.0	1.0	.9	90	0
2	4.0 to 7.8	3.8	3.7	97	74
3	7.8 to 12.7	4.9	4.8	98	68

N=NUMBER OF BLOWS TO DRIVE N/A SPOON N/A" WITH N/A lb. WT. FALLING N/A " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw) SHEET 1 OF 1

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10b HOLE NO. BW-03-12 SURF. ELEVATION _

PROJECT 33 Litchfield Street, Monitoring Well Installation LOCATION _

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 03/22/12 COMPLETED 03/22/12

DEPTH IN FT	SN	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION
								Gray concrete.
								0.5
								Advanced bore hole without split spoon sampling to auger refusal at 2.5 feet.
								2.5
5								Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, moderate to slightly fractured horizontally with a highly broken and fractured zone from 4.1 to 4.6 feet below ground surrace, slightly porous with an occasional pit and vug.
10								
								13.9
								Coring completed at 13.9 feet.
15								
20								

WELL (1)

WATER TABLE AND REMARKS

(1) APPROXIMATELY 2.5 ' OF 2" PVC STICK UP WITH LOCKING J-PLUG

← 2.3'

(2) BENTONITE SEAL

← 3.9'

(3) 2" SCHEDULE 40 FJT RISER

Note: Advanced bore hole to refusal at 2.5 feet without split spoon sampling with 4 1/4 inch ID x 8 inch OD hollow stem auger casing. Continued below with a NQ-2 size core barrel and diamond bit to 13.9 feet. Installed a 2 inch PVC monitoring well in completed bore hole.

EDI Bedrock Hardness Classification

Medium hardness: can be easily etched with knife.
Moderately hard: can be etched with knife with some effort.

13.9'

Run #	Depth (ft)	Length (ft)	Rec (ft)	Rec %	RQD %
1	2.5 to 5.3	2.8	2.6	93	57
2	5.3 to 9.7	4.4	4.4	100	93
3	9.7 to 13.9	4.2	4.1	98	83

N=NUMBER OF BLOWS TO DRIVE N/A " SPOON N/A " WITH N/A lb. WT. FALLING N/A " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw) SHEET 1 OF 1

Appendix - C

Laboratory Analytical Report

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

DECI

For Lab Project # 12:1239
Issued March 30, 2012
This report contains a total of 8 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"<" = analyzed for but not detected at or above the reporting limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi -Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site: 33 Litchfield St
Client Job Number: N/A
Field Location: RW-1
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 12:1239
Lab Sample Number: 12:1239-01

Date Sampled: 03/23/2012
Date Received: 03/23/2012
Date Analyzed: 03/28/2012

Base / Neutrals	Results in ug / L	Base / Neutrals	Results in ug / L
Acenaphthene	< 10.0	Dibenz (a,h) anthracene	< 10.0
Anthracene	< 10.0	Fluoranthene	< 10.0
Benzo (a) anthracene	< 10.0	Fluorene	< 10.0
Benzo (a) pyrene	< 10.0	Indeno (1,2,3-cd) pyrene	< 10.0
Benzo (b) fluoranthene	< 10.0	Naphthalene	< 10.0
Benzo (g,h,i) perylene	< 10.0	Phenanthrene	< 10.0
Benzo (k) fluoranthene	< 10.0	Pyrene	< 10.0
Chrysene	< 10.0	Acenaphthylene	< 10.0
Diethyl phthalate	< 10.0	1,2-Dichlorobenzene	< 10.0
Dimethyl phthalate	< 25.0	1,3-Dichlorobenzene	< 10.0
Butylbenzylphthalate	< 10.0	1,4-Dichlorobenzene	< 10.0
Di-n-butyl phthalate	< 10.0	1,2,4-Trichlorobenzene	< 10.0
Di-n-octylphthalate	< 10.0	Nitrobenzene	< 10.0
Bis (2-ethylhexyl) phthalate	< 10.0	2,4-Dinitrotoluene	< 10.0
2-Chloronaphthalene	< 10.0	2,6-Dinitrotoluene	< 10.0
Hexachlorobenzene	< 10.0	Bis (2-chloroethyl) ether	< 10.0
Hexachloroethane	< 10.0	Bis (2-chloroisopropyl) ether	< 10.0
Hexachlorocyclopentadiene	< 10.0	Bis (2-chloroethoxy) methane	< 10.0
Hexachlorobutadiene	< 10.0	4-Bromophenyl phenyl ether	< 10.0
N-Nitroso-di-n-propylamine	< 10.0	4-Chlorophenyl phenyl ether	< 10.0
N-Nitrosodiphenylamine	< 10.0	Benzidine	< 25.0
N-Nitrosodimethylamine	< 10.0	3,3'-Dichlorobenzidine	< 10.0
Isophorone	< 10.0	4-Chloroaniline	< 10.0
Benzyl alcohol	< 25.0	2-Nitroaniline	< 25.0
Dibenzofuran	< 10.0	3-Nitroaniline	< 25.0
2-Methylnapthalene	< 10.0	4-Nitroaniline	< 25.0

Acids	Results in ug / L	Acids	Results in ug / L
Phenol	< 10.0	2-Methylphenol	< 10.0
2-Chlorophenol	< 10.0	3&4-Methylphenol	< 10.0
2,4-Dichlorophenol	< 10.0	2,4-Dimethylphenol	< 10.0
2,6-Dichlorophenol	< 10.0	2-Nitrophenol	< 10.0
2,4,5-Trichlorophenol	< 25.0	4-Nitrophenol	< 25.0
2,4,6-Trichlorophenol	< 10.0	2,4-Dinitrophenol	< 25.0
Pentachlorophenol	< 25.0	4,6-Dinitro-2-methylphenol	< 25.0
4-Chloro-3-methylphenol	< 10.0	Benzoic acid	< 25.0

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S62052.D
Prep Method: EPA 3510C

Comments: ug / L = microgram per Liter

Signature:
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi -Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site:	33 Litchfield St	**Lab Project Number:**	12:1239
		Lab Sample Number:	12:1239-02
Client Job Number:	N/A		
Field Location:	RW-2	**Date Sampled:**	03/23/2012
Field ID Number:	N/A	**Date Received:**	03/23/2012
Sample Type:	Water	**Date Analyzed:**	03/28/2012

Base / Neutrals	Results in ug / L	Base / Neutrals	Results in ug / L
Acenaphthene	< 10.0	Dibenz (a,h) anthracene	< 10.0
Anthracene	< 10.0	Fluoranthene	< 10.0
Benzo (a) anthracene	< 10.0	Fluorene	< 10.0
Benzo (a) pyrene	< 10.0	Indeno (1,2,3-cd) pyrene	< 10.0
Benzo (b) fluoranthene	< 10.0	Naphthalene	< 10.0
Benzo (g,h,i) perylene	< 10.0	Phenanthrene	< 10.0
Benzo (k) fluoranthene	< 10.0	Pyrene	< 10.0
Chrysene	< 10.0	Acenaphthylene	< 10.0
Diethyl phthalate	< 10.0	1,2-Dichlorobenzene	< 10.0
Dimethyl phthalate	< 25.0	1,3-Dichlorobenzene	< 10.0
Butylbenzylphthalate	< 10.0	1,4-Dichlorobenzene	< 10.0
Di-n-butyl phthalate	< 10.0	1,2,4-Trichlorobenzene	< 10.0
Di-n-octylphthalate	< 10.0	Nitrobenzene	< 10.0
Bis (2-ethylhexyl) phthalate	< 10.0	2,4-Dinitrotoluene	< 10.0
2-Chloronaphthalene	< 10.0	2,6-Dinitrotoluene	< 10.0
Hexachlorobenzene	< 10.0	Bis (2-chloroethyl) ether	< 10.0
Hexachloroethane	< 10.0	Bis (2-chloroisopropyl) ether	< 10.0
Hexachlorocyclopentadiene	< 10.0	Bis (2-chloroethoxy) methane	< 10.0
Hexachlorobutadiene	< 10.0	4-Bromophenyl phenyl ether	< 10.0
N-Nitroso-di-n-propylamine	< 10.0	4-Chlorophenyl phenyl ether	< 10.0
N-Nitrosodiphenylamine	< 10.0	Benzidine	< 25.0
N-Nitrosodimethylamine	< 10.0	3,3'-Dichlorobenzidine	< 10.0
Isophorone	< 10.0	4-Chloroaniline	< 10.0
Benzyl alcohol	< 25.0	2-Nitroaniline	< 25.0
Dibenzofuran	< 10.0	3-Nitroaniline	< 25.0
2-Methylnapthalene	< 10.0	4-Nitroaniline	< 25.0

Acids	Results in ug / L	Acids	Results in ug / L
Phenol	< 10.0	2-Methylphenol	< 10.0
2-Chlorophenol	< 10.0	3&4-Methylphenol	< 10.0
2,4-Dichlorophenol	< 10.0	2,4-Dimethylphenol	< 10.0
2,6-Dichlorophenol	< 10.0	2-Nitrophenol	< 10.0
2,4,5-Trichlorophenol	< 25.0	4-Nitrophenol	< 25.0
2,4,6-Trichlorophenol	< 10.0	2,4-Dinitrophenol	< 25.0
Pentachlorophenol	< 25.0	4,6-Dinitro-2-methylphenol	< 25.0
4-Chloro-3-methylphenol	< 10.0	Benzoic acid	< 25.0

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S62053.D

Prep Method: EPA 3510C

Comments: ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi -Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site:	33 Litchfield St	**Lab Project Number:**	12:1239
		Lab Sample Number:	12:1239-03
Client Job Number:	N/A		
Field Location:	RW-3	**Date Sampled:**	03/23/2012
Field ID Number:	N/A	**Date Received:**	03/23/2012
Sample Type:	Water	**Date Analyzed:**	03/28/2012

Base / Neutrals	Results in ug / L	Base / Neutrals	Results in ug / L
Acenaphthene	< 10.0	Dibenz (a,h) anthracene	< 10.0
Anthracene	< 10.0	Fluoranthene	< 10.0
Benzo (a) anthracene	< 10.0	Fluorene	< 10.0
Benzo (a) pyrene	< 10.0	Indeno (1,2,3-cd) pyrene	< 10.0
Benzo (b) fluoranthene	< 10.0	Naphthalene	< 10.0
Benzo (g,h,i) perylene	< 10.0	Phenanthrene	< 10.0
Benzo (k) fluoranthene	< 10.0	Pyrene	< 10.0
Chrysene	< 10.0	Acenaphthylene	< 10.0
Diethyl phthalate	< 10.0	1,2-Dichlorobenzene	< 10.0
Dimethyl phthalate	< 25.0	1,3-Dichlorobenzene	< 10.0
Butylbenzylphthalate	< 10.0	1,4-Dichlorobenzene	< 10.0
Di-n-butyl phthalate	< 10.0	1,2,4-Trichlorobenzene	< 10.0
Di-n-octylphthalate	< 10.0	Nitrobenzene	< 10.0
Bis (2-ethylhexyl) phthalate	< 10.0	2,4-Dinitrotoluene	< 10.0
2-Chloronaphthalene	< 10.0	2,6-Dinitrotoluene	< 10.0
Hexachlorobenzene	< 10.0	Bis (2-chloroethyl) ether	< 10.0
Hexachloroethane	< 10.0	Bis (2-chloroisopropyl) ether	< 10.0
Hexachlorocyclopentadiene	< 10.0	Bis (2-chloroethoxy) methane	< 10.0
Hexachlorobutadiene	< 10.0	4-Bromophenyl phenyl ether	< 10.0
N-Nitroso-di-n-propylamine	< 10.0	4-Chlorophenyl phenyl ether	< 10.0
N-Nitrosodiphenylamine	< 10.0	Benzidine	< 25.0
N-Nitrosodimethylamine	< 10.0	3,3'-Dichlorobenzidine	< 10.0
Isophorone	< 10.0	4-Chloroaniline	< 10.0
Benzyl alcohol	< 25.0	2-Nitroaniline	< 25.0
Dibenzofuran	< 10.0	3-Nitroaniline	< 25.0
2-Methylnapthalene	< 10.0	4-Nitroaniline	< 25.0

Acids	Results in ug / L	Acids	Results in ug / L
Phenol	< 10.0	2-Methylphenol	< 10.0
2-Chlorophenol	< 10.0	3&4-Methylphenol	< 10.0
2,4-Dichlorophenol	< 10.0	2,4-Dimethylphenol	< 10.0
2,6-Dichlorophenol	< 10.0	2-Nitrophenol	< 10.0
2,4,5-Trichlorophenol	< 25.0	4-Nitrophenol	< 25.0
2,4,6-Trichlorophenol	< 10.0	2,4-Dinitrophenol	< 25.0
Pentachlorophenol	< 25.0	4,6-Dinitro-2-methylphenol	< 25.0
4-Chloro-3-methylphenol	< 10.0	Benzoic acid	< 25.0

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S62054.D

Prep Method: EPA 3510C

Comments: ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site: 33 Litchfield St
Client Job Number: N/A
Field Location: RW-1
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 12:1239
Lab Sample Number: 12:1239-01

Date Sampled: 03/23/2012
Date Received: 03/23/2012
Date Analyzed: 03/28/2012

Halocarbons	Results in ug / L
Bromodichloromethane	< 2.00
Bromomethane	< 2.00
Bromoform	< 5.00
Carbon Tetrachloride	< 2.00
Chloroethane	< 2.00
Chloromethane	< 2.00
2-Chloroethyl vinyl Ether	< 10.0
Chloroform	< 2.00
Dibromochloromethane	< 2.00
1,1-Dichloroethane	< 2.00
1,2-Dichloroethane	< 2.00
1,1-Dichloroethene	< 2.00
cis-1,2-Dichloroethene	6.88
trans-1,2-Dichloroethene	< 2.00
1,2-Dichloropropane	< 2.00
cis-1,3-Dichloropropene	< 2.00
trans-1,3-Dichloropropene	< 2.00
Methylene chloride	< 5.00
1,1,2,2-Tetrachloroethane	< 2.00
Tetrachloroethene	6.72
1,1,1-Trichloroethane	< 2.00
1,1,2-Trichloroethane	< 2.00
Trichloroethene	7.15
Trichlorofluoromethane	< 2.00
Vinyl chloride	3.99

Aromatics	Results in ug / L
Benzene	< 0.700
Chlorobenzene	< 2.00
Ethylbenzene	< 2.00
Toluene	< 2.00
m,p-Xylene	< 2.00
o-Xylene	< 2.00
Styrene	< 5.00
1,2-Dichlorobenzene	< 2.00
1,3-Dichlorobenzene	< 2.00
1,4-Dichlorobenzene	< 2.00

Ketones	Results in ug / L
Acetone	< 10.0
2-Butanone	< 10.0
2-Hexanone	< 5.00
4-Methyl-2-pentanone	< 5.00

Miscellaneous	Results in ug / L
Carbon disulfide	< 2.00
Vinyl acetate	< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: V95745.D

Comments: ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site: 33 Litchfield St
Client Job Number: N/A
Field Location: RW-2
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 12:1239
Lab Sample Number: 12:1239-02

Date Sampled: 03/23/2012
Date Received: 03/23/2012
Date Analyzed: 03/28/2012

Halocarbons	Results in ug / L
Bromodichloromethane	< 2.00
Bromomethane	< 2.00
Bromoform	< 5.00
Carbon Tetrachloride	< 2.00
Chloroethane	< 2.00
Chloromethane	< 2.00
2-Chloroethyl vinyl Ether	< 10.0
Chloroform	< 2.00
Dibromochloromethane	< 2.00
1,1-Dichloroethane	< 2.00
1,2-Dichloroethane	< 2.00
1,1-Dichloroethene	< 2.00
cis-1,2-Dichloroethene	26.6
trans-1,2-Dichloroethene	2.43
1,2-Dichloropropane	< 2.00
cis-1,3-Dichloropropene	< 2.00
trans-1,3-Dichloropropene	< 2.00
Methylene chloride	< 5.00
1,1,2,2-Tetrachloroethane	< 2.00
Tetrachloroethene	< 2.00
1,1,1-Trichloroethane	< 2.00
1,1,2-Trichloroethane	< 2.00
Trichloroethene	9.19
Trichlorofluoromethane	< 2.00
Vinyl chloride	< 2.00

Aromatics	Results in ug / L
Benzene	< 0.700
Chlorobenzene	< 2.00
Ethylbenzene	< 2.00
Toluene	< 2.00
m,p-Xylene	< 2.00
o-Xylene	< 2.00
Styrene	< 5.00
1,2-Dichlorobenzene	< 2.00
1,3-Dichlorobenzene	< 2.00
1,4-Dichlorobenzene	< 2.00

Ketones	Results in ug / L
Acetone	< 10.0
2-Butanone	< 10.0
2-Hexanone	< 5.00
4-Methyl-2-pentanone	< 5.00

Miscellaneous	Results in ug / L
Carbon disulfide	< 2.00
Vinyl acetate	< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: V95746.D

Comments: ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site: 33 Litchfield St
Client Job Number: N/A
Field Location: RW-3
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 12:1239
Lab Sample Number: 12:1239-03

Date Sampled: 03/23/2012
Date Received: 03/23/2012
Date Analyzed: 03/28/2012

Halocarbons	Results in ug / L
Bromodichloromethane	< 2.00
Bromomethane	< 2.00
Bromoform	< 5.00
Carbon Tetrachloride	< 2.00
Chloroethane	< 2.00
Chloromethane	< 2.00
2-Chloroethyl vinyl Ether	< 10.0
Chloroform	3.78
Dibromochloromethane	< 2.00
1,1-Dichloroethane	< 2.00
1,2-Dichloroethane	< 2.00
1,1-Dichloroethene	< 2.00
cis-1,2-Dichloroethene	81.8
trans-1,2-Dichloroethene	10.2
1,2-Dichloropropane	< 2.00
cis-1,3-Dichloropropene	< 2.00
trans-1,3-Dichloropropene	< 2.00
Methylene chloride	< 5.00
1,1,2,2-Tetrachloroethane	< 2.00
Tetrachloroethene	2.81
1,1,1-Trichloroethane	< 2.00
1,1,2-Trichloroethane	< 2.00
Trichloroethene	125
Trichlorofluoromethane	< 2.00
Vinyl chloride	< 2.00

Aromatics	Results in ug / L
Benzene	< 0.700
Chlorobenzene	< 2.00
Ethylbenzene	< 2.00
Toluene	< 2.00
m,p-Xylene	< 2.00
o-Xylene	< 2.00
Styrene	< 5.00
1,2-Dichlorobenzene	< 2.00
1,3-Dichlorobenzene	< 2.00
1,4-Dichlorobenzene	< 2.00

Ketones	Results in ug / L
Acetone	< 10.0
2-Butanone	< 10.0
2-Hexanone	< 5.00
4-Methyl-2-pentanone	< 5.00

Miscellaneous	Results in ug / L
Carbon disulfide	< 2.00
Vinyl acetate	< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: V95747.D

Comments: ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: DECI	COMPANY: SAME	LAB PROJECT #: 12:1239 / CLIENT PROJECT #:
ADDRESS: 3178 DURHAM ROAD	ADDRESS:	
CITY: HAMBURG STATE: NY ZIP: 14071	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)
PHONE: 716-639-5958 FAX:	PHONE: FAX:	STD ☒ 5 / OTHER ☐
PROJECT NAME/SITE NAME: 33 Litchfield St	ATTN: MW PUFPAFF	ATTN: ☐ 1 ☐ 2 ☐ 3
COMMENTS: PLEASE EMAIL TO MWPPD1@D-E-C.COM		QUOTE #:

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260 TCL	8270 TCL	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	03/23/12	10:30			RW-1	H2O	3	✓	✓		01
2	"	11:00			RW-2	"	3	✓	✓		02
3	"	11:35			RW-3	"	3	✓	✓		03
4											
5											
6											
7											
8											
9											
10											

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☒	N ☐
Comments:		
Preservation:	Y ☒	N ☐
Comments:		
Holding Time:	Y ☒	N ☐
Comments:		
Temperature:	Y ☐	N ☒
Comments: 13°C		

Sampled By — Date/Time: 03-23-2012

Relinquished By — Date/Time: 03-23-2012 11:45

Received By — Date/Time: 3/23/12 1145

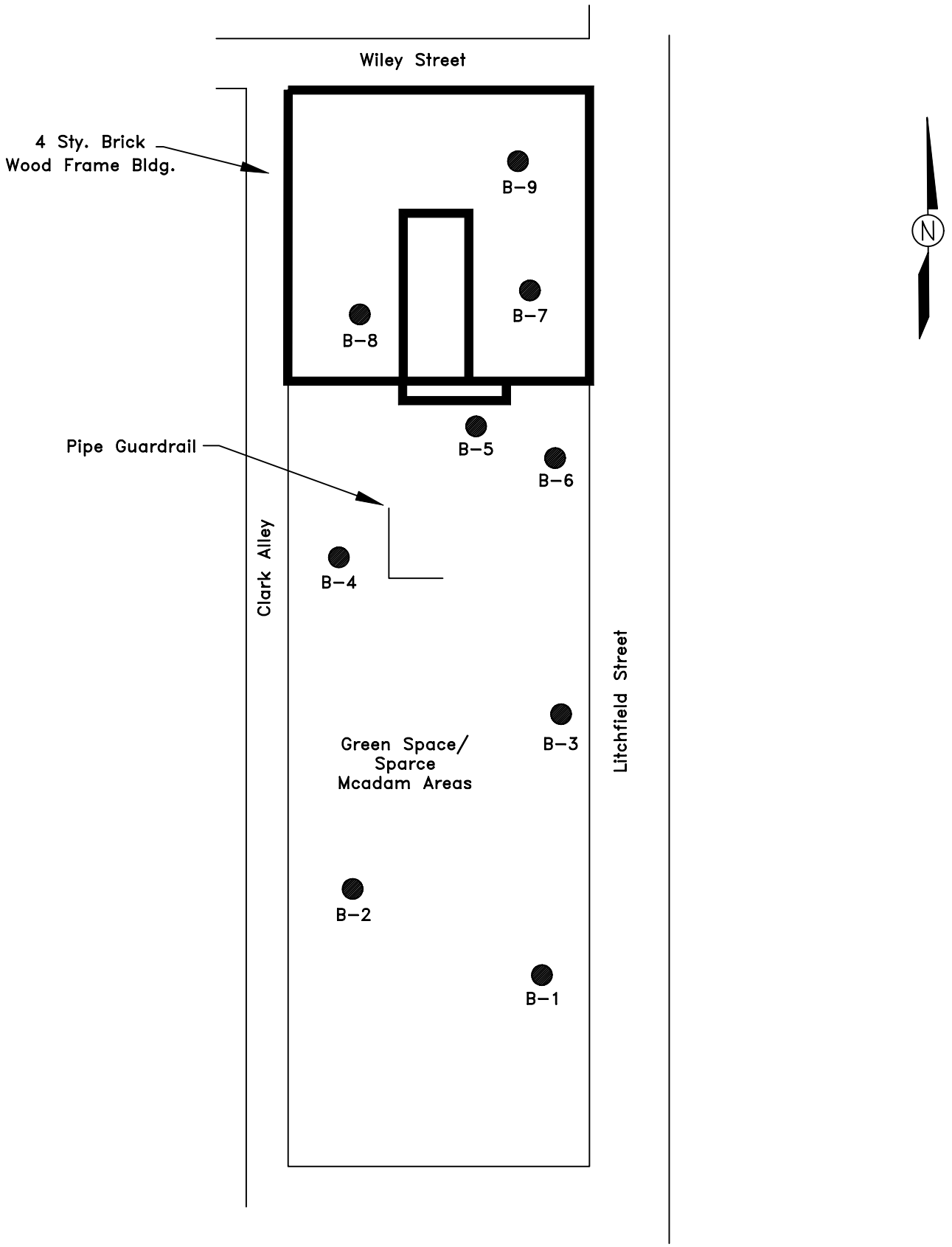
Received @ Lab By: Elizabeth A Honda — Date/Time: 3/23/12 1230

Total Cost:

P.I.F.

Appendix - D

Historical Investigation References



33 Litchfield Sreet
Rochester, NY
prepared for
DePaul Group, Inc.
1931 Buffalo Road
Rochester, NY

FIGURE 2
Site Plan
Boring Locations

SCALE
No Scale

0 60 120

DECI Development & Environmental Consultants, Inc.

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CHECKED BY	MWP	02/07/2011
APPROVED BY		
REVISED		

DRAWING NUMBER FIGURE 2

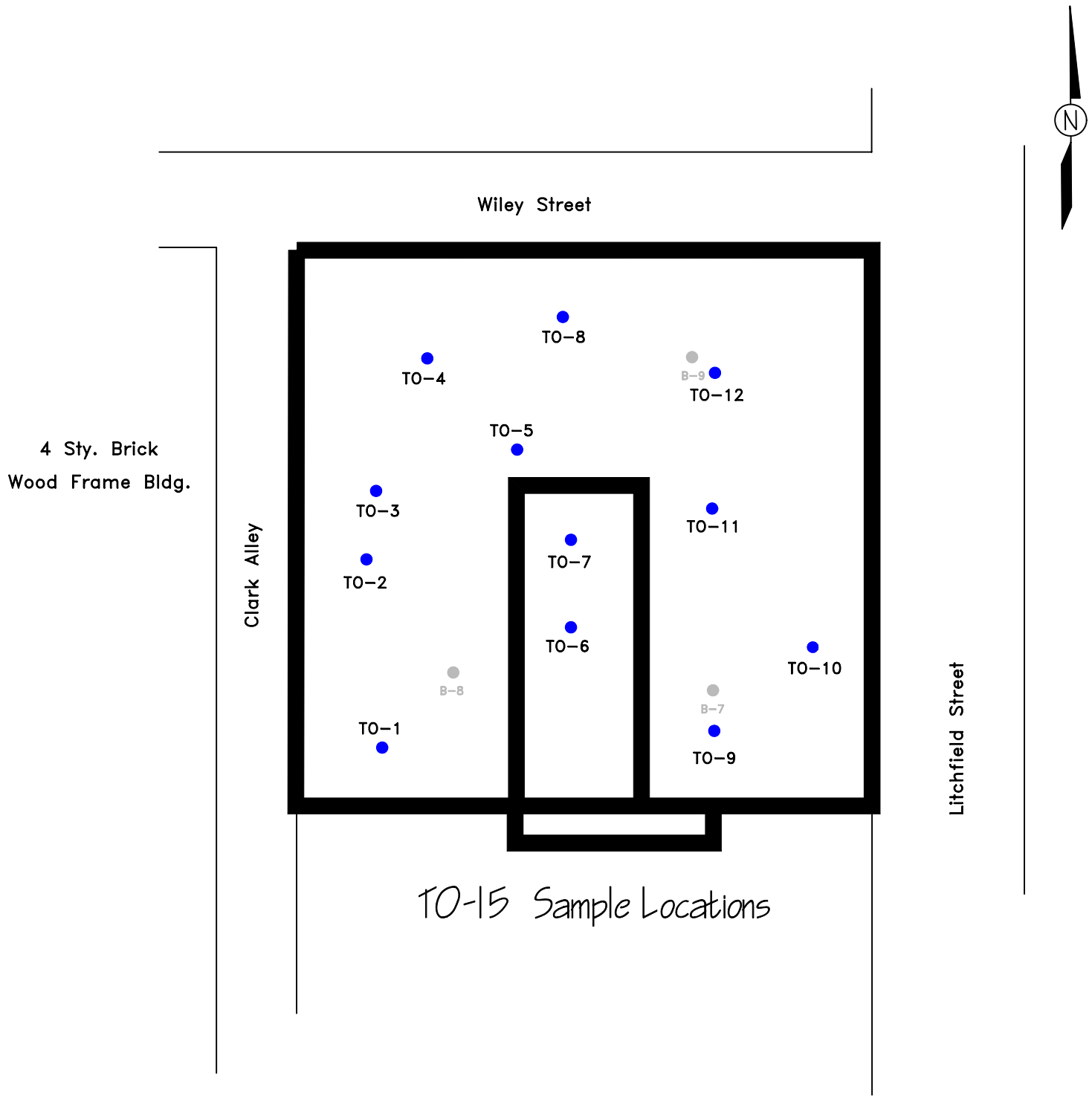
TABLE - 2
SOIL ANALYTICAL SUMMARY

Limited Phase II Investigation

Carriage Factory Special Needs Apartments
33 Litchfield Street
Rochester, NY

Volatile Organic Compounds 0-4 ft. BGS							
Contaminant	**Unrestricted Residential Use**	**Restricted Residential Use**	**B-5**	**B-6**	**B-7**	**B-8**	**B-9**
1,1,1-Trichloroethane	0.68	100	-	-	-	-	-
* 1,1,2,2-Tetrachloroethane	35		-	-	-	-	-
1,1,-Dichloroethane	0.27	26	-	-	-	-	-
1,1-Dichloroethene	0.33	100	-	-	-	-	-
1,2-Dichlorobenzene	1.1	100	-	-	-	-	-
1,2-Dichloroethane	0.02	3.1	-	-	-	-	-
1,3-Dichlorobenzene	2.4	49	-	-	-	-	-
1,4-Dichlorobenzene	1.8	13	-	-	-	-	-
* 2-Butanone	100		-	-	-	-	-
Acetone	0.05	100	-	-	-	-	-
Benzene	0.06	[a] 4.8	-	-	-	-	-
* Carbon disulfide	100		-	-	-	-	-
Carbon Tetrachloride	0.76	2.4	-	-	-	-	-
Chlorobenzene	1.1	100	-	-	-	-	-
Chloroform	0.37	49	-	-	-	-	-
Ethylbenzene	1	41	-	-	-	-	-
cis-1,2-Dichloroethene	0.25	100	-	-	-	0.0109	-
m,p-Xylene	0.33		-	-	-	-	-
Methylene Chloride	0.05	100	-	-	-	-	-
o-Xylene	0.93		-	-	-	-	-
Tetrachloroethene	1.3	100	-	0.0434	0.0244	-	0.0222
Toluene	0.7	21	-	-	-	-	-
trans-1,2-Dichloroethene	0.19	100	-	-	-	-	-
Trichloroethene	0.47	21	**1.11**	-	0.00608	0.011	-
Vinyl chloride	0.02	0.9	-	-	-	-	-

NOTES:
1. (*) = CP-51 Compounds.
2. (-) = Less than laboratory detection limits, (NA) = Not Applicable.
3. Concentrations are expressed in parts per million (ppm).
4. Soil samples were collected on December 21-23, 2010, by DECI and analyzed by Paradigm Environmental Services, Rochester, NY See Appendix C for Laboratory Analytical Report.
5. Concentrations in bold font exceed NYSDEC Part 375 and CP-51 Recommend Cleanup Objectives for Restricted and Unrestricted Residential Land Use.
6. E = Result estimated, equipment calibration limits exceeded.
7. M = Matrix spike recoveries outside QC limits. Matrix bias indicated.



TO-15 Sample Locations

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1931 Buffalo Road
Rochester, NY

FIGURE 2-3
TO-15 Sample Location Plan

SCALE
No Scale

0 60 120

DECI Development & Environmental Consultants, Inc.

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CHECKED BY	MWP	06/06/2011
APPROVED BY		
REVISED		
DRAWING NUMBER	FIGURE 2-3	

4.2.2 T0-15 Analytical Results Comparison Tables

The following tables compare the analytical results by the by category of action level required.

Table - 4.2-2 TO-15 Results Comparison - No Further Action					
Analyte	**Guidance Value Range**	**Result (mg/m3)**			
		TO-1	**TO-2**	**TO-3**	**TO-8**
Bromodichloromethane	<5 & 5 to <50	-	-	-	-
Bromoform	<5 & 5 to <50	-	-	-	-
Bromomethane	<5 & 5 to <50	-	-	-	-
Carbon Tetrachloride	<5 & 5 to <50	0.390	0.504	0.395	6.53
Chloroethane	<5 & 5 to <50	-	-	-	-
Chloroform	<5 & 5 to <50	-	-	-	-
Chloromethane	<5 & 5 to <50	1.00	1.39	1.29	-
Dibromochloromethane	<5 & 5 to <50	-	-	-	-
1,2-Dibromoethane	<5 & 5 to <50	-	-	-	-
1,1-Dichloroethane	<5 & 5 to <50	-	-	-	-
1,1-Dichloroethene	<5 & 5 to <50	-	-	-	-
1,2-Dichloroethane	<5 & 5 to <50	-	-	-	-
cis-1,2-Dichloroethene	<5 & 5 to <50	0.974	6.95	2.31	-
trans-1,2-Dichloroethene	<5 & 5 to <50	-	1.09	-	-
1,2-Dichloropropane	<5 & 5 to <50	-	-	-	-
cis-1,3-Dichloropropene	<5 & 5 to <50	-	<0.495	1.42	-
trans-1,3-Dichloropropene	<5 & 5 to <50	-	-	-	-
Methylene Chloride	<5 & 5 to <50	B E 25.8	B E 43.6	B E 51.5	B 123
1,1,2,2-Tetrachloroethane	<5 & 5 to <50	-	-	-	-
Tetrachloroethene	<5 & 5 to <50	3.29	5.76	6.28	19.7
1,1,1-Trichloroethane	<5 & 5 to <50	-	-	-	-
1,1,2-Trichloroethane	<5 & 5 to <50	-	-	-	-
Trichloroethene	<5 & 5 to <50	0.391	1.27	1.22	6.54

Table - 4.2-2 TO-15 Results Comparison - No Further Action					
Analyte	**Guidance Value Range**	**Result (mg/m3)**			
		TO-1	**TO-2**	**TO-3**	**TO-8**
Trichlorofluoromethane	<5 & 5 to <50	1.12	-	1.35	-
Freon 113	<5 & 5 to <50	-	-	-	-
Vinyl chloride	<5 & 5 to <50	-	-	-	-
Benzene	<5 & 5 to <50	0.613	0.932	0.772	-
Chlorobenzene	<5 & 5 to <50	-	-	-	-
Ethylbenzene	<5 & 5 to <50	1.31	3.37	1.30	39.8
Toluene	<5 & 5 to <50	2.00	3.40	2.65	25.5
m,p-Xylene	<5 & 5 to <50	4.29	10.8	4.86	87.6
o-Xylene	<5 & 5 to <50	0.962	2.97	1.27	20.0
Styrene	<5 & 5 to <50	-	-	-	-
1,2-Dichlorobenzene	<5 & 5 to <50	-	-	-	-
1,3-Dichlorobenzene	<5 & 5 to <50	-	-	-	-
1,4-Dichlorobenzene	<5 & 5 to <50	-	-	-	-
Acetone	<5 & 5 to <50	B E 17.9	B E 15.4	B E 18.5	B 22.0
2-Butanone	<5 & 5 to <50	-	-	-	-
2-Hexanone	<5 & 5 to <50	-	-	-	-
4-Methyl-2-pentanone	<5 & 5 to <50	-	-	-	-
Carbon disulfide	<5 & 5 to <50	-	-	-	-
Methyl tert-butyl ether	<5 & 5 to <50	-	-	-	-
Vinyl acetate	<5 & 5 to <50	-	-	-	-

Table-4.2-2

Table - 4.2-3 TO-15 Results Comparison - Monitoring			
Analyte	**Guidance Value Range (mcg/m^3)**	**Result (mcg/m^3)**	
		TO-11	**TO-12**
Bromodichloromethane	50 to <250	-	-
Bromoform	50 to <250	-	-
Bromomethane	50 to <250	-	-
Carbon Tetrachloride	50 to <250	-	-
Chloroethane	50 to <250	-	-

Table - 4.2-3 TO-15 Results Comparison - Monitoring			
Analyte	**Guidance Value Range (mcg/m³)**	**Result (mcg/m³)**	
		TO-11	**TO-12**
Chloroform	50 to <250	-	13.7
Chloromethane	50 to <250	-	-
Dibromochloromethane	50 to <250	-	-
1,2-Dibromoethane	50 to <250	-	-
1,1-Dichloroethane	50 to <250	-	-
1,1-Dichloroethene	50 to <250	-	-
1,2-Dichloroethane	50 to <250	-	-
cis-1,2-Dichloroethene	50 to <250	-	12.6
trans-1,2-Dichloroethene	50 to <250	-	-
1,2-Dichloropropane	50 to <250	-	-
cis-1,3-Dichloropropene	50 to <250	-	-
trans-1,3-Dichloropropene	50 to <250	-	-
Methylene Chloride	50 to <250	B 61.5	B 43.3
1,1,2,2-Tetrachloroethane	50 to <250	-	-
Tetrachloroethene	50 to <250	**E 993**	93.2
1,1,1-Trichloroethane	50 to <250	-	-
1,1,2-Trichloroethane	50 to <250	-	-
Trichloroethene	50 to <250	18.3	13.7
Trichlorofluoromethane	50 to <250	-	-
Freon 113	50 to <250	-	-
Vinyl chloride	50 to <250	-	-
Benzene	50 to <250	-	-
Chlorobenzene	50 to <250	-	-
Ethylbenzene	50 to <250	47.7	-
Toluene	50 to <250	21.9	-
m,p-Xylene	50 to <250	**160**	**76.3**
o-Xylene	50 to <250	41.5	19.8
Styrene	50 to <250	-	-
1,2-Dichlorobenzene	50 to <250	-	-

Table - 4.2-3 TO-15 Results Comparison - Monitoring			
Analyte	**Guidance Value Range (mcg/m³)**	**Result (mcg/m³)**	
		TO-11	**TO-12**
1,3-Dichlorobenzene	50 to <250	-	-
1,4-Dichlorobenzene	50 to <250	-	-
Acetone	50 to <250	B 42.9	B 19.2
2-Butanone	50 to <250	-	-
2-Hexanone	50 to <250	-	-
4-Methyl-2-pentanone	50 to <250	-	-
Carbon disulfide	50 to <250	-	-
Methyl tert-butyl ether	50 to <250	-	-
Vinyl acetate	50 to <250	-	-

Table-4.2-3

Table - 4.2-4 TO-15 Results Comparison - Mitigation						
Analyte	**Guidance Value Range (mcg/m³)**	**Result (mcg/m³)**				
		TO-4	**TO-5**	**TO-7**	**TO-9**	**TO-10**
Bromodichloromethane	50 to <250	-	-	-	-	-
Bromoform	50 to <250	-	-	-	-	-
Bromomethane	50 to <250	-	-	-	-	-
Carbon Tetrachloride	50 to <250	235	**E 1260**	4.72	-	-
Chloroethane	50 to <250	-	-	-	-	-
Chloroform	50 to <250	193	**261**	17.8	-	-
Chloromethane	50 to <250	-	-	-	-	-
Dibromochloromethane	50 to <250	-	-	-	-	-
1,2-Dibromoethane	50 to <250	-	-	-	-	-
1,1-Dichloroethane	50 to <250	-	-	-	-	-
1,1-Dichloroethene	50 to <250	-	-	-	-	-
1,2-Dichloroethane	50 to <250	-	-	-	-	-
cis-1,2-Dichloroethene	50 to <250	**E 1350**	**E 9860**	**E 188**	21.8	-
trans-1,2-Dichloroethene	50 to <250	-	**E 2110**	**E 38.0**	-	-
1,2-Dichloropropane	50 to <250	-	-	-	-	-

Table - 4.2-4 TO-15 Results Comparison - Mitigation						
Analyte	**Guidance Value Range (mcg/m³)**	**Result (mcg/m³)**				
		TO-4	**TO-5**	**TO-7**	**TO-9**	**TO-10**
cis-1,3-Dichloropropene	50 to <250	-	-	-	-	-
trans-1,3-Dichloropropene	50 to <250	-	-	-	-	-
Methylene Chloride	50 to <250	B 81.4	B 277	B E 128	-	B 56.7
1,1,2,2-Tetrachloroethane	50 to <250	-	-	-	-	-
Tetrachloroethene	50 to <250	207	**E 838**	**E 1090**	**E 724**	**E 3050**
1,1,1-Trichloroethane	50 to <250	-	-	-	-	-
1,1,2-Trichloroethane	50 to <250	-	-	-	-	-
Trichloroethene	50 to <250	**E 1820**	**E 11000**	**E 138**	283	152
Trichlorofluoromethane	50 to <250	-	-	-	-	-
Freon 113	50 to <250	-	-	-	-	-
Vinyl chloride	50 to <250	-	-	-	-	-
Benzene	50 to <250	-	10.1	**E 56.8**	-	-
Chlorobenzene	50 to <250	-	-	-	-	-
Ethylbenzene	50 to <250	16.9	-	5.81	-	-
Toluene	50 to <250	16.0	23.6	**E 64.3**	-	10.1
m,p-Xylene	50 to <250	44.2	14.8	33.9	14.1	25.1
o-Xylene	50 to <250	8.97	-	12.1	-	-
Styrene	50 to <250	-	-	2.36	-	-
1,2-Dichlorobenzene	50 to <250	-	-	-	-	-
1,3-Dichlorobenzene	50 to <250	-	-	-	-	-
1,4-Dichlorobenzene	50 to <250	-	-	-	-	-
Acetone	50 to <250	B 33.2	B 36.1	B E 84.2	-	B 31.1
2-Butanone	50 to <250	-	-	**E 26.1**	-	-
2-Hexanone	50 to <250	-	-	**E 52.8**	-	-
4-Methyl-2-pentanone	50 to <250	-	-	-	-	-
Carbon disulfide	50 to <250	-	-	**E 85.8**	-	-
Methyl tert-butyl ether	50 to <250	-	-	-	-	-
Vinyl acetate	50 to <250	-	-	-	-	-

Table-4.2-4

Phase II

Groundwater Sampling

Addendum

Wells RW-4, 5 & 6

Carriage Factory

33 Lichfield Street
Rochester, NY 14608
SHARS # 20116060

Prepared For:

The DePaul Group

1931 Buffalo Road
Rochester, NY 14624

Prepared By:

Development & Environmental Consultants, Inc.

3178 Durham Road
Hamburg, NY 14075
(716) 639-5958 # Fax: (716) 980-0850

May, 2012

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Appendix-C Laboratory Analytical Reports

Tables:

Table-1 Well Background Measurements
Table-2 RW-4 Groundwater Elevations
Table-3 RW-5 Groundwater Elevations
Table-4 RW-6 Groundwater Elevations
Table-5 Analytical Findings Comparison

1.0 Executive Summary

Development & Environmental Consultants, Inc. (DECI) conducted a subsurface groundwater site investigation and environmental assessment of the building located at 33 litchfield Street, Rochester, NY. The purpose of the investigation was to continue to assess potential bedrock groundwater impacts off-site and establish an up-gradient well on the project site south and west of the building.

Three (3) bedrock ground water observation wells, herein after referred to as rock-wells (RW) were installed during the dates of April 18th. though April 20th., 2012.

RW-4 was established in the yard, south and somewhat west of the center area of the yard. RW-5 was located east of the building on the eastern margin of Litchfield Street, and RW-6 was established in the north and easterly on Wiley Street along the northern margin of Wiley Street. A well location drawing is presenting all of the currently established well locations is presented as Figure-2, Appendix A.

Water samples were prepared for analysis by EPA Method, 8260B Volatile Organic Compounds (VOC).

VOC's analysis detected values above New York State Department of Environmental Conservation (DEC), Technical Operational Guidance Series (TOGS) 1.1.1 guidance values for groundwater (GW). The parameters exceeding TOGS guidance for RW-4 were cis-1,2-Dichloroethene, Tetrachloroethene, Trichloroethene and Vinyl Chloride RW-5, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, Tetrachloroethene, Trichloroethene and Vinyl Chloride and RW-6 cis-1,2-Dichloroethene, Tetrachloroethene and Trichloroethene.

1.1 Purpose and Authorization

DECI was authorized by the DePaul Group to identify potential bedrock groundwater impacts under the building located at 33 Litchfield Street, Rochester, NY. A site location map is presented in Figure-1, Appendix-A.

2.0 Site Location

The Project parcel encompasses approximately 1.50± ac. in area. The site is located in the Rochester, NY Quadrangle, as stipulated by the United States Geological Survey (USGS) Topographic Map system dated 1985, at Longitude -77.625789 and Latitude of 43.154282. The elevation of the site is approximately five hundred and sixteen (516) National Gravitational Vertical Datum (NGVD).

There is one (1) brick walled building, with wood frame, floors and roof structure located on the northern margin of the parcel. The building is four (4) stories in elevation form the street interval, with a basement elevation one (1) story below grade. The basement floor is poured concrete. The interior of the facility is predominantly configured as former manufacturing area and office space. The facility contains one (1) freight elevator. The buildings construction date is circa 1910 and the facility encompass an aggregate area of 78,060± sq. ft.

3.0 Drilling and Well Instillation

Three (3) bedrock ground water observation wells were installed between April 18th. And April 20th., 2012.

Bedrock, boreholes were advanced using rotary techniques and coring. HQ rock cores were obtained from all well bores to facilitate development of an accurate picture of basement, sub-slab near surface bedrock geology via the cored profiles. Water for coring was obtained from a nearby fire hydrant under a permit issued by the City of Rochester.

The well location drawing is presented as Figure-2, in Appendix-A.

4.1 Bedrock lithology

RW-4 Advanced bore hole without split spoon sampling to 10.5 feet over dolostone bedrock to end of coring at 21.5 feet. Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, moderately to slightly fractured horizontally with an occasional high angle fracture, slightly porous with an occasional pit and vug. EDI Bedrock Hardness Classified as Medium to Moderately hard.

RW-5 Asphalt pavement to 0.7 feet over sand and gravel fill with little silt to 1.1 feet over water sorted and deposited sand with little silt to 1.6 feet over coarse silty slack water sediment with little sand to 2.0 feet over loamy glacial till with trace to little gravel to refusal at 7.0 feet over dolostone bedrock to end of coring. Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, medium hard rock can be easily etched with knife, moderately fractured horizontally, occasional high angle vertical fracture below 17.5 feet, slightly porous with an occasional pit and vug.

RW-6 Asphalt pavement to 0.4 feet over concrete to 0.8 feet over sand and gravel fill with little silt to 1.3 feet over silty soil fill with little sand, trace to little gravel to 2.0 feet over loamy glacial till to refusal at 5.0 feet over dolostone bedrock to end of coring. Gray dolostone bedrock, effervesceswhen etched, medium hardness to moderately hard, medium hard rock can be easily etched with knife, moderately fractured horizontally, occasional high angle vertical fracture below 17.5 feet, slightly porous with an occasional pit and vug.

Drill cuttings were observed by visual, olfactory and direct reading instrumentation methods. The soils and cores did not present apparent impacts. Soils were piled on 6 mil poly sheeting.

4.2 Well Installation

RW-4 Well Advanced bore hole with 4 1/4 inch ID x 8 inch 00 hollow-stem auger casing without split spoon sampling to refusal at 10.5 feet. Cored below with NO-2 size core barrel end diamond bit to 21.5 feet. Installed 2 inch PVC monitoring well in completed bore hole.

RW-5 Well Advanced bore hole with continuous split spoon sampling with 4 1/4 in ID x 8 inch OD hollow stem auger casing to refusal at 7.0 feet. Cored below with NO-2 size core barrel ended diamond bit to 17.6 feet. Installed 2 inch PVC monitoring well in competed bore hole.

RW-6 Well Advanced bore hole with continuous split spoon sampling with 4 1/4 inch ID x 8 inch OD hollow stem auger casing to refusal at 5.0 feet. Cored below with a N3-2 size core barrel and diamond bit to 17.6 feet. Installed 2 Inch PVC monitoring well in completed bore hole.

Well construction details are provided in Appendix-B.

4.3 Well Development

The newly installed RW's were developed by hand bailing until turbidity of the discharge was 50 nephelometric turbidity units (NTU) or less. Once turbidity goals were achieved, an additional volume of water was pumped from each well by an electric well pump. The total of both operations removed that volume of water equal to the volume of water circulated during drilling of the individual well. Well development for RW-5 & 6 was performed on April 20 th. RW-6 was developed on April

Approximately 100 gallons of water were required to drill each well.

Well development activities removed a minimum of 110 gallons of water from each well. Development water was discharged to macadam surfaces.

4.4 Well Survey

Monitoring well locations, top of well casing (TOC) and floor elevations were surveyed within 0.010 foot accuracy by Parrone Engineering.

Total depth of the wells and water column measurements were acquired utilizing a Solonist, Model 122 Interface Meter, measuring in 0.010 increments. The meter's probe is equipped with an infra-red circuit which detects the presence of liquid, and a conductivity circuit which differentiates between conductive liquid (water) and non-conductive liquid containing Light and Dense Non-Aqueous Phase Liquids (LNAPL or DNAPL products). It should be noted that the probe did not detect the presence of NAPL's in any of the wells during the measurement event.

The following table presents the individual well Top of Casing elevation and the estimated Total Depth (TD) elevation based on the well logs.

Well Background Measurements			
MP	**Rock Well-4**	**Rock Well-5**	**Rock Well-6**
TOC El.	524.91	517.66	518.87
TOC to TD	21.00	17.19	17.33
Est. TD El.	513.91	505.66	506.87

Notes: MP=Measuring Point
TOC=Top of Casing
TD=Total Depth

Table-1

Groundwater depths, laboratory analytical data, and Site survey data were used to evaluate groundwater flow patterns.

5.0 Groundwater Sampling

5.1 Groundwater Elevations

The following tables provide the ground water elevations for the respective dates presented. As well as the average elevations over the life of the project to date. Average water elevations are presented on Figure-2, in Appendix-A.

All of the elevation measurements pertinent to well total depth (TD), surface water (WS) elevations and water column volumes utilized in this report are based on the northern most, top-of-casing (TOC) measuring point (MP).

RW-4 Groundwater Elevation(s)				
Date	**Time**	**TOC. El.**	**TOC. to WS.**	**WS. El.**
04-20-12	14:30	524.91	NA*****	NA*****
04-25-12	09:30	524.91	9.750	515.160
05-02-12	10:30	524.91	9.600	515.310
05-04-12	15:30	524.91	9.750	515.160
Average				**515.210**

Notes: TOC=Top of Casing
WS=Water Surface
El=Elevation

Table-2

***** Water Surface (WS) Elevation Level (EL) not appropriate, the water elevation in RW-4 on 04-20-12 was measured prior trimming the top of the casing and establishment of the top of casing elevation.

RW-5 Groundwater Elevation(s)				
Date	**Time**	**TOC. El.**	**TOC. to WS.**	**WS. El.**
04-20-12	14:30	517.66	7.358	510.3.2
04-25-12	09:30	517.66	5.258	512.402
05-02-12	10:30	517.66	5.691	511.969
05-04-12	15:30	517.66	5.716	511.944
Average				**511.654**

Notes: TOC=Top of Casing
WS=Water Surface
El=Elevation

Table-3

RW-6 Groundwater Elevation(s)				
Date	**Time**	**TOC. El.**	**TOC. to WS.**	**WS. El.**
04-20-12	14:30	518.87	7.591	511.279
04-25-12	09:30	518.87	6.508	512.362

RW-6 Groundwater Elevation(s)				
Date	**Time**	**TOC. El.**	**TOC. to WS.**	**WS. El.**
05-02-12	10:30	518.87	6.733	512.137
05-04-12	15:30	518.87	6.425	512.445
Average				**512.056**

Notes: TOC=Top of Casing
WS=Water Surface
El=Elevation

Table-4

The groundwater elevations acquired in April (RW 1-3) determine a groundwater flow trending east-northeast. The elevations of RW 4-6 suggest a more easterly and possibly east-southeasterly trend in the north easterly off-site area.

5.2 Well Purging

Wells were purged prior to sampling on 05 March 2012. Approximately 8 to 12 gallons were removed form each well. The amount removed represented approximately 4.0 to 5.0 times the calculated well volumes, in keeping with EPA recommended protocol.

Purge water was surface discharged.

5.3 Sampling

Groundwater samples were collected by low flow methods from each well on 25 April 2012.
Two (2) 40ml vials were collected for VOC Analysis from each well. All glassware was provided and prepared by Paradigm Environmental Services.

Samples were prepared and transported to the lab, temperature of the samples was maintained at 4c.
Chain of custody protocol was properly completed.

6.0 Analytical Results

All prepared samples were transported and submitted to Paradigm Environmental Services, Inc. (ELAP No. 10958), Rochester, NY, on 25 April 2012.

It should be noted that the analyses for RW-6 presented an out of calibration range error for Tetrachloroethene. The well was resampled and submitted for analysis on 04 May 2012.

The laboratory reports and Chain of Custody are presented in Appendix-C.

Sample Analytical methods:

EPA Method 8260B - Volatile Organic Compounds, Total Compound List.

Analytical results are compared to DEC, Division of Water, Technical and Operational Guidance Series, TOGS 1.1.1, June 1998, Groundwater Standards.

The following table presents the analytical comparison of all analytes detected in wells 1 through 6, to the TOGS standards. The analytical results are reported in parts-per-billion (ppb).

Analytical Findings Comparison							
Parameter	**TOGS 1.1.1 (Groundwater)**	**RW-1**	**RW-2**	**RW-3**	**RW-4**	**RW-5**	**RW-6**
Benzene	1	-	-	-	-	-	-
Chloroform	7	-	-	3.78	-	-	-
cis-1,2-Dichloroethene	5	**6.88**	**26.6**	**81.8**	**23.1**	**49.5**	**63.1**
trans-1,2-Dichloroethene	5	-	2.43	**10.2**	-	**5.63**	-
Tetrachloroethene	5	**6.72**	-	2.81	**62.6**	**12.2**	**732**
Trichloroethene	5	**7.15**	**9.19**	**125**	**21.4**	**48.5**	**93.2**
Vinyl Chloride	2	**3.99**	-	-	**3.86**	**2.93**	-
Total VOC's		**24.74**	**38.22**	**223.59**	**110.96**	**118.76**	**888.30**

Notes: Values In Bold Exceed TOGS 1.1.1 Guidance. **Table-5**

VOC analysis detected values above TOGS guidance for groundwater (GW). The parameters exceeding TOGS guidance by location are:

RW-4: cis-1,2-Dichloroethene, Tetrachloroethene, Trichloroethene and Vinyl Chloride.

RW-5: cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, Tetrachloroethene, Trichloroethene and Vinyl Chloride.

RW-6: cis-1,2-Dichloroethene, Tetrachloroethene and Trichloroethene.

7.0 Findings

The findings provide the following:

1) Laboratory analysis of the water samples for Halocarbons (VOC's) in the three (3) monitoring wells returned values above TOGS guidance.

2) Impacts associated with RW-4 present a total VOC of 110.96 ppb.

3) Impacts associated with RW-5 present a total VOC of 118.76 ppb.

4) Impacts associated with RW-6 present a total VOC of 888.30 ppb.

5) The groundwater elevation at the RW-4 location presents the highest water table elevation of the wells drilled to date.

6) The groundwater elevation at the RW-5 location presents the lowest water table elevation of the wells.

7) The groundwater elevation at the RW-6 location presents the water table elevation lower than the indoor elevations (RW1-3), and above that of RW-5.

8) Visual, olfactory and direct reading instrument field screening of the soils and rock cores do not present characteristics of impact.

9) Further delineation and characterization of the impact is required.

8.0 Recommendations

Further actions are recommended. The consultant recommends additional characterization of potential groundwater impacts in the basement of the building and off-site.

1) DECI recommends indoor investigation upon completion of the demolition of the floor and removal all overhead mechanical, electrical, plumbing (MEP) components and stabilization of the Atrium structure. The determination of further actions will be based on the findings of the post floor removal action.

2) Further up-gradient and down-gradient investigation is required to delineate and assess potential impacts associated with the plume.

3) Further research of historical up-gradient land use, known as Ornamental Iron Works, formerly located at 56 King Street.

9.0 Limitations

This report has been prepared for the exclusive use of The DePaul Group and is a professional opinion and judgment dependent upon DECI's knowledge and a limited number of test points. DECI cannot certify, guarantee, or warranty that the study/work site is or is not free of environmental impairment. Further investigation and testing of the site could better define the actual environmental condition of the property, but would be limited to the actual testing locations from which samples were analyzed and may not apply to the site as a whole.

Review of the data made available to DECI for this report and the information generated while working on this project indicated there were environmental conditions recognized which should be brought to the attention of the client/user for their assessment, based on his/her risk tolerance, fiduciary responsibility or the applicable law, to determine the extent of further inquiry. While the scope and limitations of this investigation did not find significant environmental impact, certain hidden conditions could be present at the site.

In performing professional services, DECI uses the degree of care and skill exercised under similar circumstances by members of the environmental profession practicing in the same or similar locality under similar conditions. The standard of care shall be judged exclusively as of the time these services are rendered, and not according to later standards. DECI makes no express or implied warranty beyond its conformance to this standard.

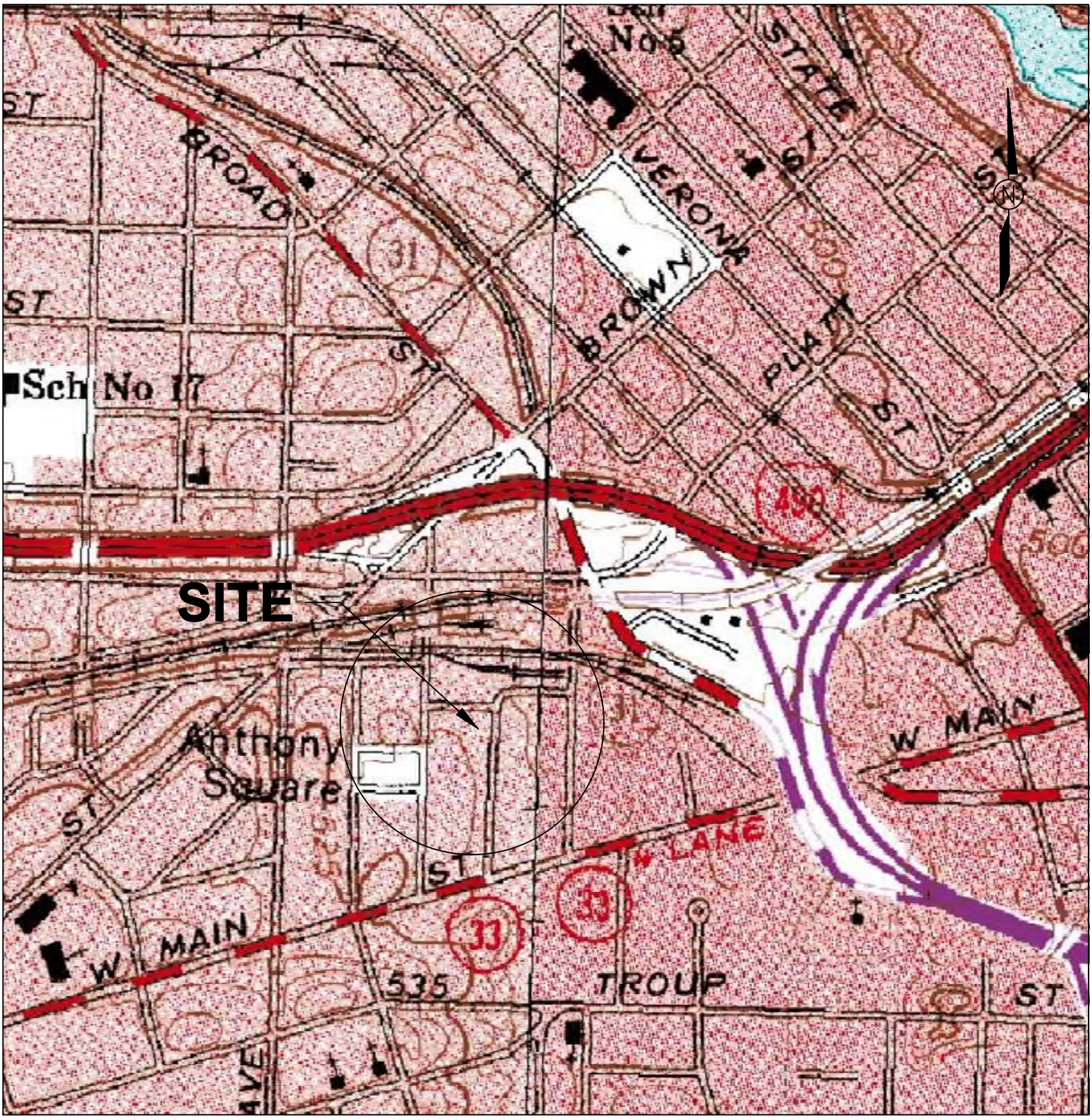
DECI shall not be responsible for conditions or consequences arising from relevant facts that were

concealed, withheld, or not fully disclosed for this report. DECI believes that all information contained in this report to be factual, however no guarantee is made or implied. DECI shall not be responsible for any loss, damage, or liability arising from any negligence of the client or others in the interpretation or use of the results of this assessment.

The facts and conditions referenced in this report may change over time. The conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

Appendix - A

Figures



33 Litchfield Sreet
Rochester, NY

prepared for

DePaul Group, Inc.
1931 Buffalo Road
Rochester, NY

FIGURE 1
Location

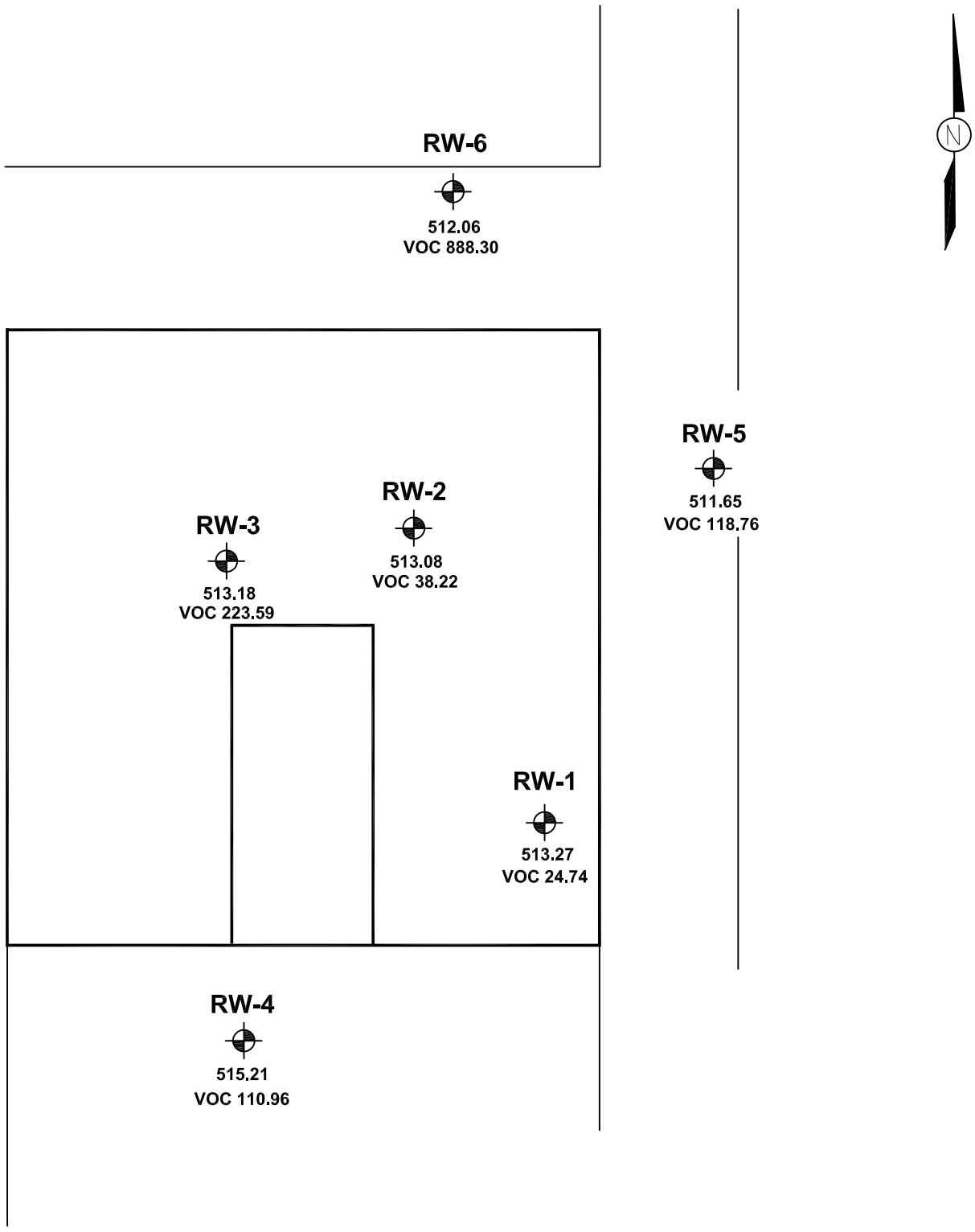
SCALE
No Scale

0 60 120

DECI Development & Environmental Consultants, Inc.

DRAWN BY	MWP	08/27/2010
CHECKED BY	MWP	08/28/2010
APPROVED BY		
REVISED		

DRAWING NUMBER FIGURE 1



33 Litchfield Sreet
Rochester, NY
prepared for
DePaul Group, Inc.
1931 Buffalo Road
Rochester, NY

Bedrock Well Locations
Average Water Elevations
Total Volatile Organic Compounds

SCALE
No Scale

0 60 120

DECI Development & Environmental Consultants, Inc.

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CHECKED BY	MWP	05/20/2012
APPROVED BY		
REVISED		

DRAWING NUMBER FIGURE 2

Appendix - B

Well Completion Logs

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10c HOLE NO. BW-4-12 SURF. ELEVATION _

PROJECT 33 Litchfield Street LOCATION _

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 04/18/12 COMPLETED 04/18/12

DEPTH IN FT | BLOWS ON SAMPLER

SN	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WELL (1)	WATER TABLE AND REMARKS
							Advanced bore hole with 4 1/4 inch ID x 8 inch OD hollow stem auger casing without split spoon sampling to 10.5 feet.	2" SCHEDULE 40 FJT PVC RISER; CEMENT/BENTONITE GROUT (2)	(1) APPROX. 2' OF 2" PVC STICK UP WITH LOCKING J-PLUG (2) BENTONITE SEAL Advanced bore hole without split spoon sampling to 10.5 feet over dolostone bedrock to end of coring at 21.5 feet.
5									EDI Bedrock Hardness Classification --- Medium hardness: can be easily etched with knife. Moderately hard: can be etched with knife with some effort.
									← 9.0
10							10.5 Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, moderately to slightly fractured horizontally with an occasional high angle fracture, slightly porous with an occasional pit and vug.	.010 SLOT 2" PVC SCREEN; #00N SIZE MORIE SAND PACK	← 10.8' ← 11.0'
		Run #1							Run # / Depth (ft) / Length (ft) / Rec (ft) / Rec % / RQD % 1: 10.5 to 16.0 / 5.5 / 5.0 / 91 / 59
15									2: 16.0 to 21.5 / 5.5 / 5.4 / 98 / 80
		Run #2							
20									

N=NUMBER OF BLOWS TO DRIVE N/A SPOON N/A" WITH N/A lb. WT. FALLING N/A " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw) SHEET 1 OF 2

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations
1091 Jamison Road • Elma, NY 14059
(716) 655-1717 • FAX (716) 655-2915

5L10c HOLE NO. BW-4-12 SURF. ELEVATION _

PROJECT 33 Litchfield Street LOCATION _
City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 04/18/12 COMPLETED 04/18/12

DEPTH IN FT | BLOWS ON SAMPLER

SN	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WELL	WATER TABLE AND REMARKS
	Run	#2					Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, moderately to slightly fractured horizontally with an occasional high angle fracture, slightly porous with an occasional pit and vug.	(1) (2)	← 21.0' ← 21.5'
							21.5		
							Coring completed at 21.5 feet.		

25
30
35
40

(1) .010 SLOT 2" PVC SCREEN
(2) #00N SIZE MORIE SAND PACK

EDI Bedrock Hardness Classification

Medium hardness: can be easily etched with knife.
Moderately hard: can be etched with knife with some effort.

Run #	Depth (ft)	Length (ft)	Rec (ft)	Rec %	RQD %
1	10.5 to 16.0	5.5	5.0	91	59
2	16.0 to 21.5	5.5	5.4	98	80

Note: Advanced bore hole with 4 1/4 inch ID x 8 inch OD hollow stem auger casing without split spoon sampling to refusal at 10.5 feet. Cored below with NQ-2 size core barrel and diamond bit to 21.5 feet. Installed 2 inch PVC monitoring well in completed bore hole.

Note: lost approximately 100 gallons of water to formation during coring.

N=NUMBER OF BLOWS TO DRIVE N/A " SPOON N/A " WITH N/A lb. WT. FALLING N/A " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw)

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

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5L10c HOLE NO. BW-5-12 SURF. ELEVATION _

PROJECT 33 Litchfield Street LOCATION _

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 04/19/12 COMPLETED 04/19/12

DEPTH IN FT | BLOWS ON SAMPLER

SN REC	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WELL (1)(2)	WATER TABLE AND REMARKS
1	5						Gray asphalt pavement. 0.7		← 1.0'
15		6			12		Extremely moist dark gray very gravelly (SILTY-SAND) fill with 40 to 60% mostly angular gravel and very fine to very coarse size sand, little silt, loose, massive soil structure, (SM), (GM). 1.1		(1) 8" FLUSH TO GRADE PROTECTIVE CASING INSTALLED IN SMALL CONCRETE PAD (2) CONCRETE (3) CEMENT BENTONITE GROUT (4) BENTONITE SEAL
			6						
				10					
2	11								
19		15			31				
			16						
				17					
3	16						Moist brown (SILTY-SAND) fill with little silt, compact, massive soil structure, (SM). 1.6		← 6.0'
18		17			34				
			17				Moist to extremely moist brown (SANDY-SILT) with 3 to 7% gravel, little mostly very fine to fine size sand, compact, weakly blocky soil structure, (ML).		← 8.0'
				100/4			grades downward to 2.0		
							Extremely moist to wet gray (SILTY-SAND) with 5 to 15% gravel, little silt, compact and dense, massive soil structure, (SM). 7.0		← 10.5'
	Run	#1					Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, medium hard rock can be easily etched with knife, moderately hard rock can be etched with knife with some effort, moderately fractured horizontally, occasional high angle vertical fracture below 17.5 feet, slightly porous with an occasional pit and vug.		
	Run	#2							

2" SCHEDULE 40 FJT PVC RISER

.010 SLOT 2" PVC SCREEN

#00N SIZE MORIE SAND PACK

Run #	Depth (ft)	Length (ft)	Rec (ft)	Rec %	RQD %
1	7.0 to 16.5	9.5	9.2	97	52
2	16.5 to 21.0	4.5	4.4	98	72

Asphalt pavement to 0.7 feet over sand and gravel fill with little silt to 1.1 feet over water sorted and deposited sand with little silt to 1.6 feet over coarse silty slack water sediment with little sand to 2.0 feet over loamy glacial till with trace to little gravel to refusal at 7.0 feet over dolostone bedrock to end of coring.

N=NUMBER OF BLOWS TO DRIVE N/A SPOON N/A" WITH N/A lb. WT. FALLING N/A " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw)

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations
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(716) 655-1717 • FAX (716) 655-2915

5L10c HOLE NO. BW-5-12 SURF. ELEVATION _

PROJECT 33 Litchfield Street LOCATION _
City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 04/19/12 COMPLETED 04/19/12

DEPTH IN FT	SN	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WELL	WATER TABLE AND REMARKS
		Run	#2					Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, medium hard rock can be easily etched with knife, moderately hard rock can be etched with knife with some effort, moderately fractured horizontally, occasional high angle vertical fracture below 17.5 feet, slightly porous with an occasional pit and vug.	(1) (2)	← 20.5' ← 21.0'
25								21.0 Coring completed at 21.0 feet.		
30										
35										
40										

(1) .010 SLOT 2" PVC SCREEN
(2) #00N SIZE MORIE SAND PACK

Run #	Depth (ft)	Length (ft)	Rec (ft)	Rec %	RQD %
1	7.0 to 16.5	9.5	9.2	97	52
2	16.5 to 21.0	4.5	4.4	98	72

Note: Advanced bore hole with continuous split spoon sampling with 4 1/4 in ID x 8 inch OD hollow stem auger casing to refusal at 7.0 feet. Cored below with NQ-2 size core barrel and diamond bit to 17.6 feet. Installed 2 inch PVC monitoring well in completed bore hole.

HEAD SPACE PID READINGS (PPM)
04/19/12

Sample #	Background	PID-PPM
1	0.0	0.0
2	0.0	0.0
3	0.0	0.0

Note: lost approximately 100 gallons of water to formation during coring.

N=NUMBER OF BLOWS TO DRIVE N/A " SPOON N/A " WITH N/A lb. WT. FALLING N/A " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw)

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(716) 655-1717 • FAX (716) 655-2915

5L10c HOLE NO. BW-6-12 SURF. ELEVATION _

PROJECT 33 Litchfield Street LOCATION _
City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 04/20/12 COMPLETED 04/20/12

DEPTH IN FT	SN REC	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WELL (1)(2)	WATER TABLE AND REMARKS
	1	6						Gray asphalt pavement. 0.4		← 1.0'
	15		13			26		Gray concrete. 0.8		(1) 8" FLUSH TO GRADE PROTECTIVE CASING INSTALLED IN SMALL CONCRETE PAD
				13				Extremely moist brownish gray very gravelly (SILTY-SAND) fill with 40 to 60% gravel, very fine to very coarse size sand, little silt, loose, massive soil structure, (SM), (GM).		(2) CONCRETE
					17					← 3.5'
	2	20								(3) CEMENT BENTONITE GROUT
	19		18			34				(4) BENTONITE SEAL
				16						← 5.5'
5					100/3			1.3		
								Extremely moist to moist brown (SANDY-SILT) fill with 5 to 15% gravel, little sand, compact, massive soil structure, (ML). 2.0		← 7.4'
		Run	#1					Extremely moist to wet grayish brown gravelly (SILTY-SAND) with 15 to 25% gravel, little silt, dense, massive soil structure, (SM). 5.0		Asphalt pavement to 0.4 feet over concrete to 0.8 feet over sand and gravel fill with little silt to 1.3 feet over silty soil fill with little sand, trace to little gravel to 2.0 feet over loamy glacial till to refusal at 5.0 feet over dolostone bedrock to end of coring.
10								Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, medium hard rock can be easily etched with knife, moderately hard rock can be etched with knife with some effort, moderately fractured horizontally with an occasional high angle fracture, slightly porous with an occasional pit and vug.		
15		Run	#2					17.6		
								Coring completed at 17.6 feet.		← 17.4' 17.6'
20										

2" SCHEDULE 40 FJT PVC RISER
.010 SLOT 2" PVC SCREEN
#00N. SIZE MORIE SAND PACK

Run #	Depth (ft)	Length (ft)	Rec (ft)	Rec %	RQD %
1	5.0 to 12.6	7.6	7.4	97	70
2	12.6 to 17.6	5.0	5.0	100	71

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw)

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10c HOLE NO. BW-6-12 SURF. ELEVATION _

PROJECT 33 Litchfield Street LOCATION _

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 04/20/12 COMPLETED 04/20/12

DEPTH IN FT	SN	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WELL	WATER TABLE AND REMARKS
25										Advanced bore hole with continuous split split spoon sampling with 4 1/4 inch ID x 8 inch OD hollow stem auger casing to refusal at 5.0 feet. Cored below with a NQ-2 size core barrel and diamond bit to 17.6 feet. Installed 2 inch PVC monitoring well in completed bore hole.
30										HEAD SPACE PID READINGS (PPM) 04/20/12
35										Sample # Background PID-PPM 1 0.0 0.0 2 0.0 0.0
40										Note: lost approximately 100 gallons of water to formation during coring.

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw) SHEET 2 OF 2

Appendix - C

Laboratory Analytical Report

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

DECI

For Lab Project # 12:1770
Issued May 3, 2012
This report contains a total of 5 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"<" = analyzed for but not detected at or above the reporting limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site: 33 Litchfield St
Client Job Number: N/A
Field Location: RW-4
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 12:1770
Lab Sample Number: 12:1770-01

Date Sampled: 04/25/2012
Date Received: 04/25/2012
Date Analyzed: 05/02/2012

Halocarbons	Results in ug / L
Bromodichloromethane	< 2.00
Bromomethane	< 2.00
Bromoform	< 5.00
Carbon Tetrachloride	< 2.00
Chloroethane	< 2.00
Chloromethane	< 2.00
2-Chloroethyl vinyl Ether	< 10.0
Chloroform	< 2.00
Dibromochloromethane	< 2.00
1,1-Dichloroethane	< 2.00
1,2-Dichloroethane	< 2.00
1,1-Dichloroethene	< 2.00
cis-1,2-Dichloroethene	23.1
trans-1,2-Dichloroethene	< 2.00
1,2-Dichloropropane	< 2.00
cis-1,3-Dichloropropene	< 2.00
trans-1,3-Dichloropropene	< 2.00
Methylene chloride	< 5.00
1,1,2,2-Tetrachloroethane	< 2.00
Tetrachloroethene	62.6
1,1,1-Trichloroethane	< 2.00
1,1,2-Trichloroethane	< 2.00
Trichloroethene	21.4
Trichlorofluoromethane	< 2.00
Vinyl chloride	3.86

Aromatics	Results in ug / L
Benzene	< 0.700
Chlorobenzene	< 2.00
Ethylbenzene	< 2.00
Toluene	< 2.00
m,p-Xylene	< 2.00
o-Xylene	< 2.00
Styrene	< 5.00
1,2-Dichlorobenzene	< 2.00
1,3-Dichlorobenzene	< 2.00
1,4-Dichlorobenzene	< 2.00

Ketones	Results in ug / L
Acetone	< 10.0
2-Butanone	< 10.0
2-Hexanone	< 5.00
4-Methyl-2-pentanone	< 5.00

Miscellaneous	Results in ug / L
Carbon disulfide	< 2.00
Vinyl acetate	< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: V96634.D

Comments: ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site: 33 Litchfield St
Client Job Number: N/A
Field Location: RW-5
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 12:1770
Lab Sample Number: 12:1770-02
Date Sampled: 04/25/2012
Date Received: 04/25/2012
Date Analyzed: 05/02/2012

Halocarbons	Results in ug / L
Bromodichloromethane	< 2.00
Bromomethane	< 2.00
Bromoform	< 5.00
Carbon Tetrachloride	< 2.00
Chloroethane	< 2.00
Chloromethane	< 2.00
2-Chloroethyl vinyl Ether	< 10.0
Chloroform	< 2.00
Dibromochloromethane	< 2.00
1,1-Dichloroethane	< 2.00
1,2-Dichloroethane	< 2.00
1,1-Dichloroethene	< 2.00
cis-1,2-Dichloroethene	49.5
trans-1,2-Dichloroethene	5.63
1,2-Dichloropropane	< 2.00
cis-1,3-Dichloropropene	< 2.00
trans-1,3-Dichloropropene	< 2.00
Methylene chloride	< 5.00
1,1,2,2-Tetrachloroethane	< 2.00
Tetrachloroethene	12.2
1,1,1-Trichloroethane	< 2.00
1,1,2-Trichloroethane	< 2.00
Trichloroethene	48.5
Trichlorofluoromethane	< 2.00
Vinyl chloride	2.93

Aromatics	Results in ug / L
Benzene	1.13
Chlorobenzene	< 2.00
Ethylbenzene	< 2.00
Toluene	< 2.00
m,p-Xylene	< 2.00
o-Xylene	< 2.00
Styrene	< 5.00
1,2-Dichlorobenzene	< 2.00
1,3-Dichlorobenzene	< 2.00
1,4-Dichlorobenzene	< 2.00

Ketones	Results in ug / L
Acetone	< 10.0
2-Butanone	< 10.0
2-Hexanone	< 5.00
4-Methyl-2-pentanone	< 5.00

Miscellaneous	Results in ug / L
Carbon disulfide	< 2.00
Vinyl acetate	< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: V96635.D

Comments: ug / L = microgram per Liter

Signature: 

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site: 33 Litchfield St
Client Job Number: N/A
Field Location: RW-6
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 12:1770
Lab Sample Number: 12:1770-03
Date Sampled: 04/25/2012
Date Received: 04/25/2012
Date Analyzed: 05/02/2012

Halocarbons	Results in ug / L
Bromodichloromethane	< 2.00
Bromomethane	< 2.00
Bromoform	< 5.00
Carbon Tetrachloride	< 2.00
Chloroethane	< 2.00
Chloromethane	< 2.00
2-Chloroethyl vinyl Ether	< 10.0
Chloroform	< 2.00
Dibromochloromethane	< 2.00
1,1-Dichloroethane	< 2.00
1,2-Dichloroethane	< 2.00
1,1-Dichloroethene	< 2.00
cis-1,2-Dichloroethene	59.8
trans-1,2-Dichloroethene	< 2.00
1,2-Dichloropropane	< 2.00
cis-1,3-Dichloropropene	< 2.00
trans-1,3-Dichloropropene	< 2.00
Methylene chloride	< 5.00
1,1,2,2-Tetrachloroethane	< 2.00
Tetrachloroethene	E 881
1,1,1-Trichloroethane	< 2.00
1,1,2-Trichloroethane	< 2.00
Trichloroethene	112
Trichlorofluoromethane	< 2.00
Vinyl chloride	< 2.00

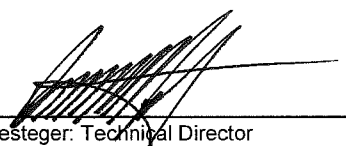
Aromatics	Results in ug / L
Benzene	< 0.700
Chlorobenzene	< 2.00
Ethylbenzene	< 2.00
Toluene	< 2.00
m,p-Xylene	< 2.00
o-Xylene	< 2.00
Styrene	< 5.00
1,2-Dichlorobenzene	< 2.00
1,3-Dichlorobenzene	< 2.00
1,4-Dichlorobenzene	< 2.00

Ketones	Results in ug / L
Acetone	< 10.0
2-Butanone	< 10.0
2-Hexanone	< 5.00
4-Methyl-2-pentanone	< 5.00

Miscellaneous	Results in ug / L
Carbon disulfide	< 2.00
Vinyl acetate	< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: V96636.D

Comments: ug / L = microgram per Liter
Surrogate outliers indicate probable matrix interference

Signature: 
Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: DEC I	COMPANY:	LAB PROJECT #: 12:1770 / CLIENT PROJECT #:
ADDRESS: 317 DURHAM ROAD	ADDRESS:	
CITY: HAMBURG STATE: NY ZIP: 14075	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS) STD [X] 5 OTHER [ ] 1 [ ] 2 [ ] 3
PHONE: 716-649-5958 FAX:	PHONE: FAX:	
ATTN: Rufpaff	ATTN:	
COMMENTS: EMAIL RESULTS MWP901@D-E-C.COM		QUOTE #:

PROJECT NAME/SITE NAME: 33 Litchfield ST

REQUESTED ANALYSIS: SEE LIST TO LEFT

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	04/25/12	4:00p			RW-4	H2O	1		01
2	"	4:25			RW-5	"	1		02
3	"	4:55			RW-6	"	1		03
4									
5									
6									
7									
8									
9									
10									

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type: Comments: Rec'd in glass. Transf. to voa vial w/no headspace.	Y [ ]	N [X]
Preservation: Comments: HCl added at lab.	Y [ ]	N [X]
Holding Time: Comments:	Y [X]	N [ ]
Temperature: Comments: 12°C	Y [ ]	N [X]

Sampled By — Date/Time: 04/25/12

Relinquished By — Date/Time: 04/25/12

Received By: Jane Dacosta — Date/Time: 4/25/12 1715

Received @ Lab By: Elizabeth A Honch — Date/Time: 4/25/12 1730

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

DECI

For Lab Project # 12:1927
Issued May 10, 2012
This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"<" = analyzed for but not detected at or above the reporting limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site: 33 Litchfield St
Client Job Number: N/A
Field Location: RW-6
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 12:1927
Lab Sample Number: 12:1927-01

Date Sampled: 05/04/2012
Date Received: 05/04/2012
Date Analyzed: 05/10/2012

Halocarbons	Results in ug / L
Bromodichloromethane	< 20.0
Bromomethane	< 20.0
Bromoform	< 50.0
Carbon Tetrachloride	< 20.0
Chloroethane	< 20.0
Chloromethane	< 20.0
2-Chloroethyl vinyl Ether	< 100
Chloroform	< 20.0
Dibromochloromethane	< 20.0
1,1-Dichloroethane	< 20.0
1,2-Dichloroethane	< 20.0
1,1-Dichloroethene	< 20.0
cis-1,2-Dichloroethene	63.1
trans-1,2-Dichloroethene	< 20.0
1,2-Dichloropropane	< 20.0
cis-1,3-Dichloropropene	< 20.0
trans-1,3-Dichloropropene	< 20.0
Methylene chloride	< 50.0
1,1,2,2-Tetrachloroethane	< 20.0
Tetrachloroethene	732
1,1,1-Trichloroethane	< 20.0
1,1,2-Trichloroethane	< 20.0
Trichloroethene	93.2
Trichlorofluoromethane	< 20.0
Vinyl chloride	< 20.0

Aromatics	Results in ug / L
Benzene	< 7.00
Chlorobenzene	< 20.0
Ethylbenzene	< 20.0
Toluene	< 20.0
m,p-Xylene	< 20.0
o-Xylene	< 20.0
Styrene	< 50.0
1,2-Dichlorobenzene	< 20.0
1,3-Dichlorobenzene	< 20.0
1,4-Dichlorobenzene	< 20.0

Ketones	Results in ug / L
Acetone	< 100
2-Butanone	< 100
2-Hexanone	< 50.0
4-Methyl-2-pentanone	< 50.0

Miscellaneous	Results in ug / L
Carbon disulfide	< 20.0
Vinyl acetate	< 50.0

ELAP Number 10958 Method: EPA 8260B Data File: V96912.D

Comments: ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:
COMPANY: DECI	COMPANY:
ADDRESS: 3178 DURHAM RD	ADDRESS:
CITY: HAMBURG STATE: NY ZIP: 14075	CITY: SAME STATE: ZIP:
PHONE: 716-639-5958 FAX:	PHONE: FAX:
ATTN: Rufpaff	ATTN:
COMMENTS: PLZ EMAIL TO: MWP441@D-E-C.COM	

LAB PROJECT #: 12:1927

CLIENT PROJECT #:

TURNAROUND TIME: (WORKING DAYS) ☐ 1 ☐ 2 ☐ 3 ☒ 5 (STD) ☐ OTHER

QUOTE #:

PROJECT NAME/SITE NAME: 33 Litchfield St

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260 TCL									REMARKS	PARADIGM LAB SAMPLE NUMBER
1	05/04/12	10:50A			RW-6	H_2O	2	X										01
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type: Comments:	Y ☒	N ☐
Preservation: Comments:	Y ☒	N ☐
Holding Time: Comments:	Y ☒	N ☐
Temperature: Comments: 17°C	Y ☐	N ☒

	Date/Time
Sampled By: [signature]	05/04/12
Relinquished By: [signature]	05/04/12 11:25A
Received By: [signature]	5/4/12 11:25AM
Received @ Lab By: Elizabeth A Honch	5/4/12 1440

Total Cost:

P.I.F.

Phase II

Groundwater Sampling

Addendum

Well Locations RW- 7, 8, 9, 11, 12 and 13

Carriage Factory

33 Lichfield Street
Rochester, NY 14608
SHARS # 20116060

Prepared For:

The DePaul Group

1931 Buffalo Road
Rochester, NY 14624

Prepared By:

Development & Environmental Consultants, Inc.

3178 Durham Road
Hamburg, NY 14075
(716) 639-5958 # Fax: (716) 980-0850

June, 2012

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1.0 Executive Summary

Development & Environmental Consultants, Inc. (DECI) conducted a subsurface groundwater site investigation and environmental assessment of the building located at 33 Litchfield Street, Rochester, NY. The purpose of the investigation was to continue to assess potential bedrock groundwater impacts off-site and establish an up-gradient well on the project site south and west of the building.

Six (6) bedrock ground water observation wells, herein after referred to as rock-wells (RW) were installed in continuation of the previous well installations, during the dates of June 06th though June 13th, 2012.

Water samples were prepared for analysis by EPA Method, 8260B Volatile Organic Compounds (VOC), Chlorinated compounds only.

VOC's analysis detected values above New York State Department of Environmental Conservation (DEC), Technical Operational Guidance Series (TOGS) 1.1.1 guidance values for groundwater (GW).

The parameters exceeding TOGS guidance are:

RW-8 trans-1,2-Dichloroethene and Trichloroethene.

RW-9 Tetrachloroethene exceeds guidance.

RW-12 cis-1,2-Dichloroethene and Tetrachloroethene exceeds guidance, Trichloroethene is within guidance.

1.1 Purpose and Authorization

DECI was authorized by the DePaul Group to identify potential bedrock groundwater impacts under the building located at 33 Litchfield Street, Rochester, NY. A site location map is presented in Figure-1, Appendix-A.

2.0 Site Location

The Project parcel encompasses approximately 1.50± ac. in area. The site is located in the Rochester, NY Quadrangle, as stipulated by the United States Geological Survey (USGS) Topographic Map system dated 1985, at Longitude -77.625789 and Latitude of 43.154282. The elevation of the site is approximately five hundred and sixteen (516) National Gravitational Vertical Datum (NGVD). A location drawing is presented in Appendix A, Figure-1, Location.

There is one (1) brick walled building, with wood frame, floors and roof structure located on the northern margin of the parcel. The building is four (4) stories in elevation from the street interval, with a basement elevation one (1) story below grade. The basement floor is poured concrete. The interior of the facility is predominantly configured as former manufacturing area and office space. The facility contains one (1) freight elevator. The building's construction date is circa 1910 and the facility encompass an aggregate area of 78,060± sq. ft.

2.1 Geologic Setting

Western New York was impacted by the most recent glacial advance roughly 10,000 years ago. The Litchfield Street parcel lies in an area where soil was eroded down to the bedrock surface as the glaciers advanced and covered by glacial till deposits, then capped by glacial lake deposits that developed as the glaciers melted.

The upper two to three feet of soil is lake deposited silty sand (SM) and/or sandy silt (ML). The sand /silt formation is loose and wet. Compact to dense silty sand with gravel (SM), the glacial till deposit, underlies the silt/sand formation. This zone extends to the bedrock surface, encountered around elevation 511.

The bedrock encountered is identified as the Lockport Group of Formations. These formations are massive bedded dolomites with some shale interlayering toward the bottom of the formation. The Lockport Group is of the Upper Silurian Period, making these rocks over 400 million years old. The bedrock was over-stressed, resulting in joints (stress fractures) developing in the formation.

2.2 Hydrogeologic Setting

The 1980 Monroe County Environmental Management Council *Generalized Groundwater Contour Map* indicates that groundwater flow regionally is toward the east-southeast. This indicates water is flowing towards the Genesee River, rather than to the north toward Lake Ontario. The Genesee River level is controlled at the Court Street Dam. Water levels upstream of the dam are controlled around elevation 512. Downstream, the water level drops through downtown Rochester to the Upper Falls around elevation 483. With the groundwater table within the bedrock formation, water will tend to flow towards the Genesee River along the joints and fractures that naturally occur within the bedrock formation.

3.0 Drilling and Well Instillation

Six (6) bedrock ground water observation wells were installed between June 6th. and June 12th. 2012.

Bedrock, boreholes were advanced using rotary techniques and coring. HQ rock cores were obtained from all well bores to facilitate development of an accurate picture of basement, sub-slab near surface bedrock geology via the cored profiles. Water for coring was obtained from a nearby fire hydrant under a permit issued by the City of Rochester.

The well location drawing is presented as Figure-2, in Appendix-A.

3.1 Bedrock lithology

RW-7 Asphalt pavement to 0.4 feet over concrete to 1.0 feet over sandy soil fill with little to some gravel, little silt to 2.5 feet over loamy glacial till to 6.1 feet over apparent dolostone bedrock to 7.1 feet over dolostone bedrock to end of coring.

RW-8 Asphalt pavement to 0.2 feet over coarse silty soil fill with little sand to 2.5 feet over coarse silty slack water sediment with little sand, trace gravel to 3.8 feet over water sorted and deposited sand with some silt, trace gravel to 5.3 feet over loamy glacial till to 9.0 feet over apparent dolostone bedrock to 9.3 feet over

dolostone bedrock to end of coring.

RW-9 Asphalt pavement to 0.35 feet over sand and gravel (mostly crushed stone) fill to 1.5 feet over coarse silty soil fill with little sand, trace gravel and clay to 2.5 feet over coarse silty slack water sediment with some sand, trace to little gravel to 4.0 feet over loamy glacial drift with trace gravel to 7.0 feet over boulder to 8.1 feet over apparent glacial till to 12.1 feet over dolostone bedrock to end of coring.

RW-11 Asphalt pavement to 0.2 feet over sand and gravel (mostly crushed stone) fill with little silt, trace slag and cinder to 0.7 feet over sandy soil fill with little silt, trace to little gravel to 1.4 feet over coarse silty slack water sediment with little to some sand to 4.0 feet over water sorted and deposited sand with little silt to 5.2 feet over loamy glacial till to 8.2 feet over apparent dolostone bedrock to 8.5 feet over dolostone bedrock to end of coring.

RW-12 Asphalt pavement to 0.1 feet over mostly crushed stone fill to 1.0 feet over water sorted and deposited sand with some silt to 3.0 feet over loamy glacial till with trace to little gravel to 9.2 feet over apparent dolostone bedrock to 10.8 feet over dolostone bedrock to end of coring.

RW-13 Asphalt pavement to 0.5 feet over sand and gravel (mostly crushed stone) fill to 1.1 feet over coarse silty soil fill with some sand to 2.3 feet over water sorted and deposited sand with some silt to 5.0 feet over loamy glacial drift with trace to little gravel to 6.1 feet over apparent dolostone bedrock to 6.6 feet over dolostone bedrock to end of coring.

Drill cuttings were observed by visual, olfactory and direct reading instrumentation methods. The soils did not present apparent impacts. Soils were piled on 6 mil poly sheeting.

3.2 Well Installation

RW-7 Well Detail Advanced bore hole with A 1/4 inch ID x 8 inch OD hollow stem auger casing with continuous split spoon sampling to auger refusal at 7.1 feet. Cored below with a NQ size core barrel and diamond bit to 18.5 feet. Installed a 2 inch PVC monitoring well in completed bore hole.

RW-8 Well Detail Advanced bore hole with 4 1/4 inch ID x 8 inch OD hollow stem auger casing with continuous split spoon sampling to auger refusal at 9.3 feet. Cored below with a NQ-2 size core barrel and diamond bit to 21.5 feet. Installed a 2 inch PVC monitoring well in completed bore hole to 21.2 feet.

RW-9 Well Detail Advanced bore hole with 4 1/4 inch ID x 8 inch OD hollow stem auger casing with continuous split spoon sampling to auger refusal at 7.0 feet. Cored below with NO size core barrel and diamond bit to 11.0 feet. Sampled 11.0 to 11.8 feet and augered to refusal at 12.1 feet. Continued below with NQ size core barrel and diamond bit to 23.3 feet. Installed a 2 inch PVC monitoring well in completed bore hole.

RW-11 Well Detail Advanced bore hole with 4 1/4 inch 10 x 8 inch 00 hollow stem auger

casing with continuous split spoon sampling to refusal at 8.5 feet. Cored below with NQ size core barrel and diamond bit to 20.2 feet. Installed a 2 inch PVC monitoring well in completed bore hole to 19.7 feet.

RW-12 Well Detail Advanced bore hole with 4 1/4 inch ID x 8 inch OD hollow stem auger casing with continuous sampling to auger refusal at 10.8 feet. Continued below with NQ size core barrel and diamond bit to 21.5 feet. Installed a 2 inch PVC monitoring well in completed bore hole.

RW-13 Well Detail Advanced bore hole with 4 1/4 inch ID x 8 inch OD hollow stem auger casing with continuous split spoon sampling to 6.6 feet. Cored below with NQ size core barrel and diamond bit to 17.8 feet. Installed a 2 inch PVC monitoring well in completed bore hole to 17.7 feet.

Well construction details are provided in Appendix-B, Well Logs.

3.3 Well Development

The newly installed RW's were developed by hand bailing until turbidity of the discharge was 50 nephelometric turbidity units (NTU) or less. Once turbidity goals were achieved, an additional volume of water was pumped from each well by an electric well pump. The total of both operations removed that volume of water equal to the volume of water circulated during drilling of the individual well.

Well Development Volumes						
Well Identifier	**RW-7**	**RW-8**	**RW-9**	**RW-11**	**RW-12**	**RW-13**
Gallons During Drilling	50	225	200	50	50	25
Gallons Removed	75	250	225	75	75	50

Table-1

Well development dates are detailed on the Well Logs presented in Appendix-B.

3.4 Well Survey

Monitoring well locations, top of well casing (TOC) and floor elevations were surveyed within 0.010 foot accuracy by Parrone Engineering, Rochester, NY.

Total depth of the wells and water column measurements were acquired utilizing a Solonist, Model 122 Interface Meter, measuring in 0.010 increments. The meter's probe is equipped with an infra-red circuit which detects the presence of liquid, and a conductivity circuit which differentiates between conductive liquid (water) and non-conductive liquid containing Light and Dense Non-Aqueous Phase Liquids (LNAPL or DNAPL products). It should be noted that the probe did not detect the presence of NAPL's in any of the wells during the measurement event.

The following table presents the individual well Top of Casing elevation and TD corresponding to the Measurement Point (MP).

Well Background Measurements						
MP	**RW-7**	**RW-8**	**RW-9**	**RW-11**	**RW-12**	**RW-13**
TOC El.	519.58	522.24	524.09	519.60	517.10	519.38
TOC to TD	17.78	20.81	22.84	19.17	19.91	17.27
Est. TD El.	501.80	501.43	501.25	500.43	497.19	502.11

Notes: MP=Measuring Point
TOC=Top of Casing
TD=Total Depth

Table-2

Groundwater depths, laboratory analytical data, and Site survey data were used to evaluate groundwater flow patterns.

4.0 Groundwater Sampling

4.1 Groundwater Elevations

The following tables provide the ground water elevations for the respective dates presented.

All of the elevation measurements pertinent to well total depth (TD), surface water (SW) elevations (El) and water column volumes utilized in this report are based on the northern most, top-of-casing (TOC) measuring point (MP).

RW-7 Groundwater Elevation(s)				
Date	**Time**	**TOC. El.**	**TOC. to WS.**	**WS. El.**
06-12-12	16:17	519.58	7.99	511.59
06-17-12	12:35	-	6.96	512.63

Notes: TOC=Top of Casing
WS=Water Surface
EL=Elevation

Table-3

RW-8 Groundwater Elevation(s)				
Date	**Time**	**TOC. Elv.**	**TOC to WS**	**WS El**
06-14-12	08:50	522.24	8.80	513.44
06-17-12	14:10	-	9.02	513.22

Table-4

RW-9 Groundwater Elevation(s)				
Date	**Time**	**TOC. Elv.**	**TOC to WS**	**WS El**
06-08-12	11:10	524.09	10.65	513.44
06-17-12	14:25	-		513.27

Table-5

RW-11 Groundwater Elevation(s)				
Date	**Time**	**TOC. Elv.**	**TOC to WS**	**WS El**
06-14-12	12:00	519.60	7.50	512.10
06-17-12	12:25	-	7.25	512.35

Table-6

RW-12 Groundwater Elevation(s)				
Date	**Time**	**TOC. Elv.**	**TOC to WS**	**WS El**
06-08-12	14:30	517.10	7.11	509.99
06-17-12	13:05	-	6.91	510.19

Table-7

RW-13 Groundwater Elevation(s)				
Date	**Time**	**TOC. Elv.**	**TOC to WS**	**WS El**
06-12-12	10:30	519.38	5.12	514.26
06-17-12	13:40	-	6.32	513.06

Table-8

4.1.1 Groundwater Flow

The groundwater elevations acquired on 17 June 2012 were provided to Parrone Engineering. Based on the elevations provided, Parrone then plotted the groundwater contours. The data determined a ground water flow trending east-northeast. A copy of the Groundwater Contour Map is presented as Figure-3 in Appendix-A.

4.2 Well Purging

Wells were purged prior to sampling Approximately 4.0 to 5.0 times the calculated well volumes, in keeping with EPA recommended protocol.

Purge water was drummed and contained on-site.

4.3 Sampling

Groundwater samples were collected by low flow methods from each well. Two (2) 40ml vials were collected for VOC Analysis from each well. All glassware was provided and prepared by Paradigm Environmental Services.

Samples were prepared and transported to the lab, temperature of the samples was maintained at 4c. Chain of custody protocol was properly completed.

5.0 Analytical Results

All prepared samples were transported and submitted to Paradigm Environmental Services, Inc. (ELAP No. 10958), Rochester, NY.

Sample Analytical methods:

EPA Method 8260B - Volatile Organic Compounds, Chlorinated Compound List.

Analytical results are compared to DEC, Division of Water, Technical and Operational Guidance Series, TOGS 1.1.1, June 1998, Groundwater Standards.

The following table presents the analytical comparison of all analytes detected in wells 7, 8, 9, 11, 12 &13, to the TOGS standards. The analytical results are reported in parts per billion (ppb).

Groundwater Analytical Findings Comparison Table							
Parameter	**TOGS 1.1.1 (G. Water)**	**RW-7**	**RW-8**	**RW-9**	**RW-11**	**RW-12**	**RW-13**
cis-1,2-Dichloroethene	5	4.28	**-**	-	-	**24.5**	-
trans-1,2-Dichloroethene	5	-	**6.50**	-	-	-	-
Tetrachloroethene	5	-	-	**11.3**	-	2.71	-
Trichloroethene	5	-	**7.59**	-	-	**6.80**	-
Total VOC's		4.28	**14.09**	**11.3**	-	**34.01**	-

Table-9

VOC analysis detected values above TOGS guidance for groundwater (GW). The parameters exceeding TOGS guidance by location are:

RW-7 Within Guidance.

RW-8 trans-1,2-Dichloroethene and Trichloroethene exceed guidance.

RW-9 Tetrachloroethene exceeds guidance.

RW-11 Non Detect for all parameters.

RW-12 cis-1,2-Dichloroethene and Tetrachloroethene exceeds guidance, Trichloroethene is within guidance.

RW-13 Non Detect for all parameters.

The laboratory reports and Chain of Custody records are presented in Appendix-C.

Presented in Appendix-D, Table-9-1 compares all of the sample locations analytical results to date.

6.0 Findings

The findings provide the following:

1) Laboratory analysis of the water samples for VOC's in three (3) monitoring wells returned values above TOGS guidance.

2) Impacts are within guidance at the RW-7 location.

3) Impacts associated with RW-8 present a total VOC of 14.09 ppb.

4) Impacts associated with RW-9 present a total VOC of 11.3 ppb.

5) RW-10 was not drilled, due to the findings of RW-9.

6) Impacts associated with RW-11 returned non-detect for all parameters analyzed.

7) Impacts associated with RW-12 present a total VOC of 34.01 ppb.

8) Impacts associated with RW-13 returned non-detect.

9) RW-7 presents the highest down-gradient groundwater interval north of the site.

10) RW-12 presents the lowest down-gradient groundwater elevation, northeast of the site.

11) RW-5 presents the lowest down-gradient groundwater elevation, east of the site.

12) RW-11 presents the lowest down-gradient groundwater elevation, southeast of the building, on-site.

13) Groundwater elevations at RW-4, 8 and 9 locations represent the western up-gradient intervals contiguous to the building.

14) The groundwater elevation at RW-13, represents an up-gradient interval, northwest of the site.

15) Groundwater trends southwest to northeast under the building.

7.0 Conclusions

Based on the currently available data, the following conclusions are drawn.

1) Groundwater appears to trend from the southwest to the northeast.

2) The data gathered to date and described in this Addendum and prior reports indicate that the Subject Property at 33 Litchfield Street is not the source of the VOCs detected in the monitoring wells.

3) The data gathered to date and described in this Addendum and prior reports indicate that the VOC's detected in groundwater are due to one or more sources located off the Subject Property.

4) Legacy components of naturally occurring degradation of contaminants encountered throughout this and the previous investigations conducted are consistent across the area investigated.

5) Installation of additional monitoring wells or further environmental investigation of soil and groundwater at the Subject Property is not warranted at this time.

6) Precautionary measures have been incorporated into the design of the building. These include a vapor barrier and sub-slab depressurization system to protect the residents from potential exposures.

8.0 Recommendations

1) Based on the currently available data, and the results of the previous investigations conducted, No further investigation is warranted at this time.

2) The consultant recommends decommissioning and abandonment of the Groundwater Monitoring Wells.

3) This Addendum should be provided to the NYSDEC and the NYSDOH for those agencies' information.

9.0 Limitations

This report has been prepared for the exclusive use of The DePaul Group and is a professional opinion and judgment dependent upon DECI's knowledge and a limited number of test points. DECI cannot certify, guarantee, or warranty that the study/work site is or is not free of environmental impairment. Further investigation and testing of the site could better define the actual environmental condition of the property, but would be limited to the actual testing locations from which samples were analyzed and may not apply to the site as a whole.

Review of the data made available to DECI for this report and the information generated while working on this project indicated there were environmental conditions recognized which should be brought to the attention of the client/user for their assessment, based on his/her risk tolerance, fiduciary responsibility or the applicable law, to determine the extent of further inquiry. While the scope and limitations of this investigation did not find significant environmental impact, certain hidden conditions could be present at the site.

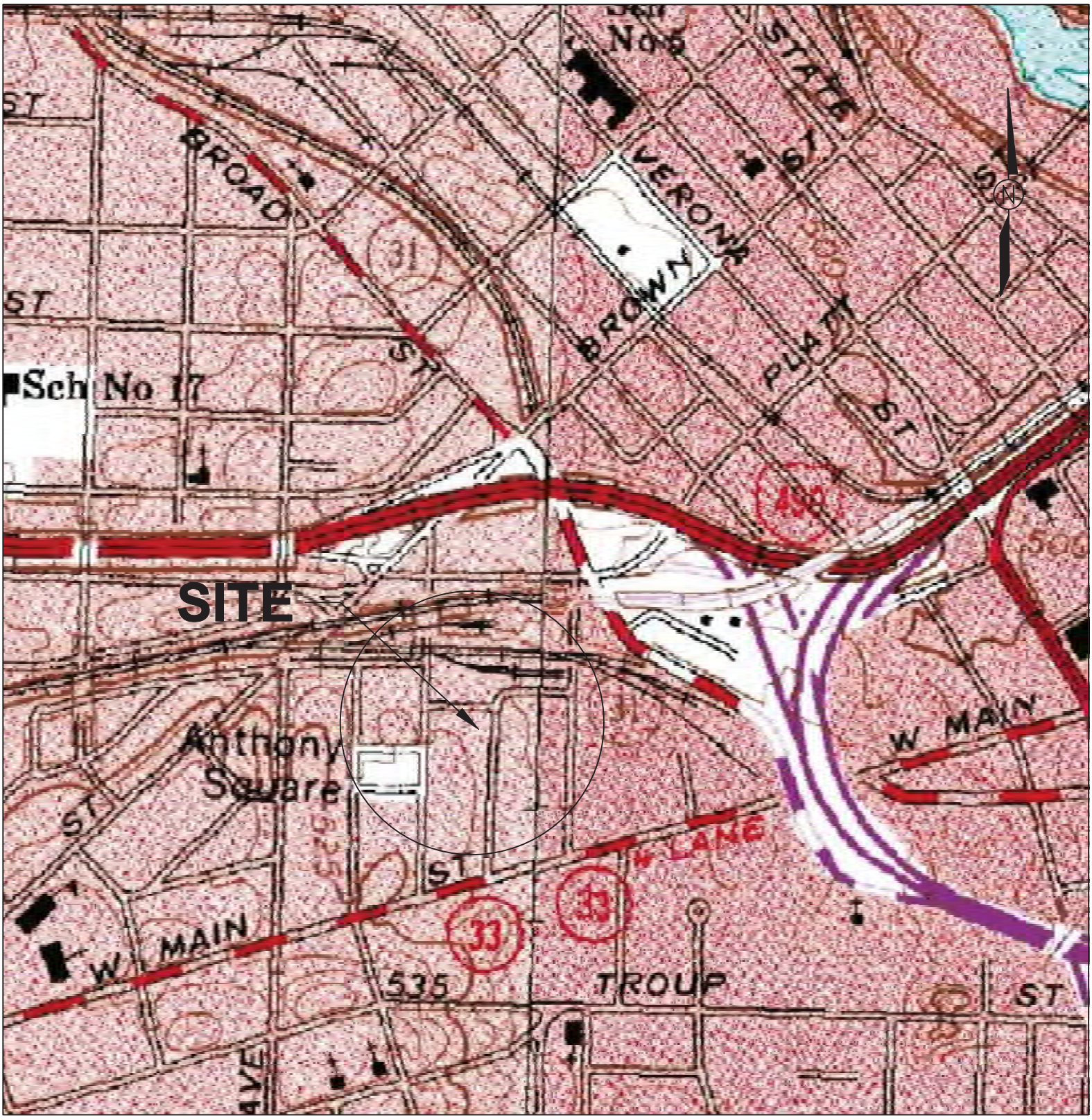
In performing professional services, DECI uses the degree of care and skill exercised under similar circumstances by members of the environmental profession practicing in the same or similar locality under similar conditions. The standard of care shall be judged exclusively as of the time these services are rendered, and not according to later standards. DECI makes no express or implied warranty beyond its conformance to this standard.

DECI shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed for this report. DECI believes that all information contained in this report to be factual, however no guarantee is made or implied. DECI shall not be responsible for any loss, damage, or liability arising from any negligence of the client or others in the interpretation or use of the results of this assessment.

The facts and conditions referenced in this report may change over time. The conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

Appendix - A

Figures



33 Litchfield Sreet
Rochester, NY

prepared for

DePaul Group, Inc.
1931 Buffalo Road
Rochester, NY

FIGURE 1
Location

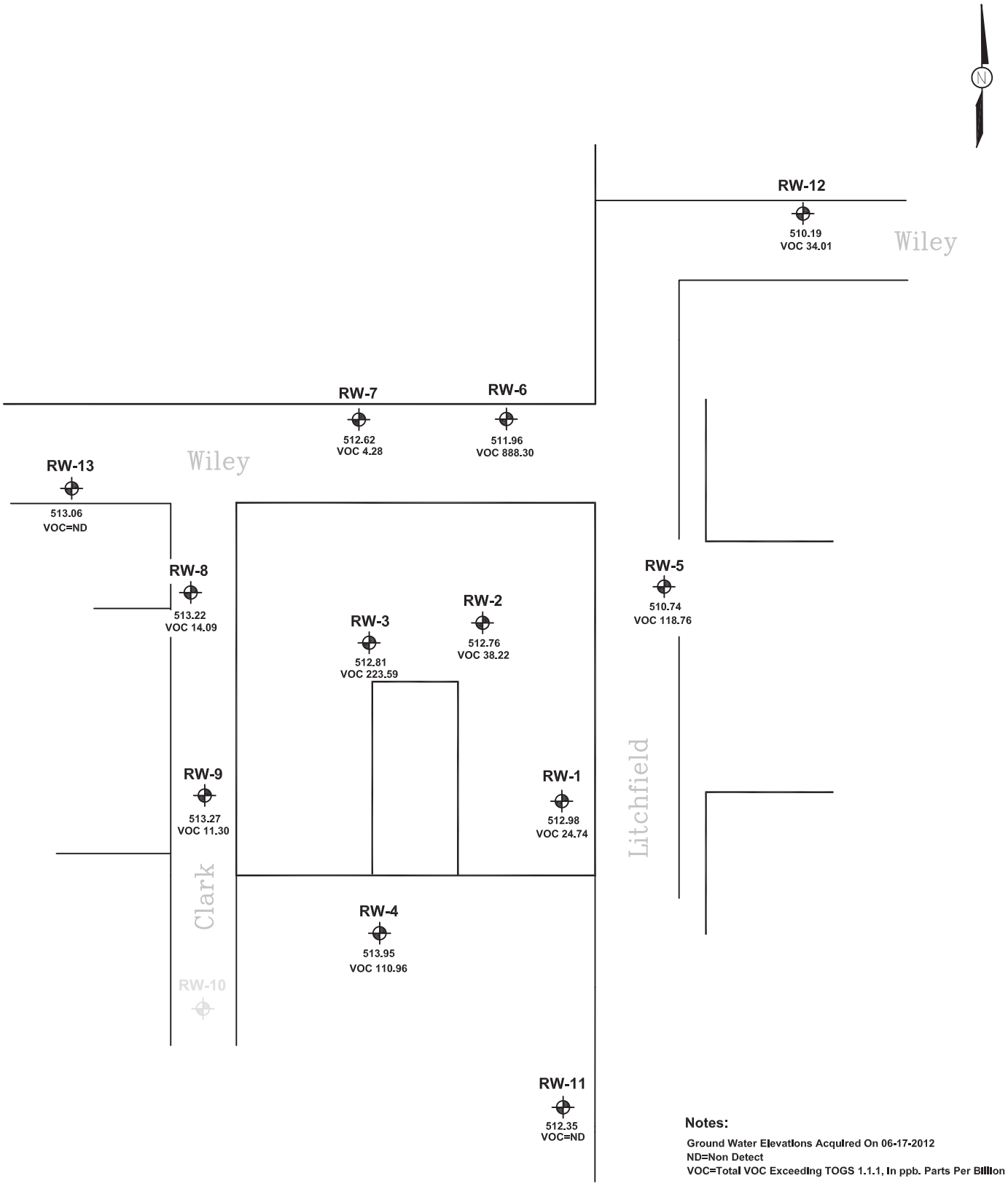
SCALE
No Scale

0 60 120

DECI Development & Environmental Consultants, Inc.

DRAWN BY	MWP	08/27/2010
CHECKED BY	MWP	08/28/2010
APPROVED BY		
REVISED		

DRAWING NUMBER FIGURE 1



33 Litchfield Sreet
Rochester, NY
prepared for
DePaul Group, Inc.
1931 Buffalo Road
Rochester, NY

Bedrock Well Locations
Average Water Elevations
Total Volatile Organic Compounds

SCALE
No Scale

0 60 120

DECI Development & Environmental Consultants, Inc.

DRAWN BY	MWP	06/17/2012
CHECKED BY	MWP	06/17/2012
APPROVED BY		
REVISED		

DRAWING NUMBER FIGURE 2

NORTH

ROCK WELLS		
WELL	TOP RISER	TOP WATER
RW #1	518.83	512.98
RW #2	517.44	512.76
RW #3	518.63	512.81
RW #4	523.90	513.95
RW #5	517.66	510.74
RW #6	518.87	511.96
RW #7	519.58	512.62
RW #8	522.24	513.22
RW #9	524.09	513.27
RW #11	519.60	512.35
RW #12	517.10	510.09
RW #13	519.38	513.06

*UNABLE TO SHOW WELL LOCATION ON MAP

GAR. GAR. GAR. BLDG.

RW #13 WATER ELEV. 513.06
519.88 RW 13
SA.MH. TOP-520.05
8"W
HYD. L.P. W.V. 12"VT-
ELEC.MH. TOP-520.56

RW #9 WATER ELEV. 513.27
524.79 RW 9
RW #8 WATER ELEV. 513.22
522.60 RW-8
GUY WIRE

CLARK (15.0' WIDE) ALLEY

WOOD FENCE
GATE L.P.

513

SAN 4"W W.S. 2"G 3"W W.S.
RW #7 WATER ELEV. 512.62
520.10 RW-7
8"W
UG E.

FRAME ADDIT.
RW #4 WATER ELEV. 513.95
524.26 RW 4
PIPE GUIDERAIL
ROUGH ASPHALT PARKING
CONC. LOADING DOCK
ROOF AREA (UNABLE TO MEAS.)
DOORWAY ELEV: 528.69

RW #3 WATER ELEV. 512.81
518.63 RW-3
DOORWAY ELEV: 520.65
1 STORY (UNABLE TO MEAS.)
4"CURB
12" T.@ 0.82%
WILEY STREET (36.0' WIDE)

5 STORY BRICK #33
RW #2 WATER ELEV. 512.76
517.44 RW-2
RW #6 WATER ELEV. 511.96
518.87 RW-6

513
512
RW #1 WATER ELEV. 512.98
518.83 RW-1
DOORWAY ELEV: 520.53
D.I. TOP-518.36 INV.-515.44 N. 8"VTP
2"G

RW #11 WATER ELEV. 512.35
520.17 RW-11
ELEC.MH. TOP-519.62
ELEC.MH. TOP-519.53
GUIDERAIL P.P.
DOORWAY ELEV: 519.83
DOORWAY ELEV: 519.56
DOORWAY ELEV: 519.36
2' STONE RETAINING WALL
L.P. 4"CURB
UG E.
G.V.
SA.MH. TOP-518.23 INV.-511.37 W. INV.-510.50 CTR.
ELEC.MH. TOP-518.91
2'x1'6" STONE@ 0.24%
ELEC.MH. TOP-518.23
2'x1'6" STONE@ 0.65%
D.I.
W.V.
2'x1'6" STONE
12"W
511
RW #5 WATER ELEV. 510.74
517.66 RW-5
SA.MH. TOP-518.32
HYD.
D.I. TOP-518.42 INV.-"PLUGGED"
ELEC.MH. TOP-518.83
SA.MH. TOP-519.10 INV.-511.65 N.&S.
LITCHFIELD (33.0' WIDE) STREET

BLDG. BLDG.

REVISIONS:	BY: DATE:

PARRONE engineering
THE PIANO WORKS
349 WEST COMMERCIAL STREET
SUITE 3200
EAST ROCHESTER, NY 14445
T 585.586.0200
F 585.586.6752

Designed By:	
Drawn By:	JMR
Checked By:	D.S.
DATE:	JUNE 19, 2010
SCALE:	1" = 20'
JOB No.:	6770

WATER TABLE CONTOUR MAP
FOR:

DEPAUL CARRIAGE FACTORY
#33 LITCHFIELD STREET

SITUATE IN:
CITY OF ROCHESTER MONROE COUNTY NEW YORK

FIGURE-3

P:\DJP-Hold\6770\DWG\6770 TOPO.dwg June 19, 2012

Appendix - B

Well Completion Logs

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10d HOLE NO. BW-7-12 SURF. ELEVATION _

PROJECT 33 Litchfield Street LOCATION _

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 06/11/12 COMPLETED 06/11/12

DEPTH IN FT	SN REC	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WELL	WATER TABLE AND REMARKS
								Dark gray asphalt pavement. 0.4		← 0.5'
	1	5						Gray concrete.		(1) 8" FLUSH TO GRADE PROTECTIVE CASING INSTALLED IN SMALL CONCRETE PAD
			7					1.0		(2) CONCRETE
	2	10						Extremely moist brown gravelly (SILTY-SAND) fill with 15 to 25% gravel, little silt, compact, massive soil structure, (SM).		(3) CEMENT BENTONITE GROUT
	18		14			36		2.5		(4) BENTONITE SEAL
				22				Extremely moist brown gravelly (SILTY-SAND) with 15 to 25% gravel, some silt, dense and very dense, massive soil structure, (SM).		← 4.9'
					30			6.1		
	3	15						Gray apparent dolostone bedrock.		← 7.1'
5	17		32			52		7.1		← 8.3'
				20				Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, moderately to slightly fractured horizontally, slightly porous with an occasional pit and vug.		EDI Bedrock Hardness Classification
					22					Medium hardness: can be easily etched with knife.
	4	18								Moderately hard: can be etched with knife with some effort.
			100/2							
10										
		Run	#1							
15										
		Run	#2							
								18.5		← 18.3'
								Coring completed at 18.5 feet.		18.5'
20										

2" SCHEDULE 40 PVC RISER

.010 SLOT 2" PVC SCREEN

#00N SIZE MORIE SAND PACK

Run #	Depth (ft)	Length (ft)	Rec (ft)	Rec %	RQD %
1	7.0 to 16.5	9.4	9.3	99	70
2	16.5 to 18.5	2.0	1.9	95	54

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw)

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10d HOLE NO. BW-7-12 SURF. ELEVATION _

PROJECT 33 Litchfield Street LOCATION _

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 06/11/12 COMPLETED 06/11/12

DEPTH IN FT	SN	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WELL	WATER TABLE AND REMARKS
										Asphalt pavement to 0.4 feet over concrete to 1.0 feet over sandy soil fill with little to some gravel, little silt to 2.5 feet over loamy glacial till to 6.1 feet over apparent dolostone bedrock to 7.1 feet over dolostone bedrock to end of coring.
25										Note: Advanced bore hole with 4 1/4 inch ID x 8 inch OD hollow stem auger casing with continuous split spoon sampling to auger refusal at 7.1 feet. Cored below with a NQ size core barrel and diamond bit to 18.5 feet. Installed a 2 inch PVC monitoring well in completed bore hole.
30										Note: Lost approximately 50 gallons of water to formation during coring.
										Note: Most water loss occured while drilling below 16.5 feet.
35										HEAD SPACE PID READINGS (PPM) 06/11/12

Sample #	Background	PID-PPM
1	0.0	27.0
2	0.0	45.3
3	0.0	52.0
4	0.0	26.1

Note: Developed well on 6/12/12 by pumping and surging. Removed 75 gallons of water during development.

40

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw)

EARTH DIMENSIONS, INC.
Soil and Hydrogeologic Investigations • Wetland Delineations
1091 Jamison Road • Elma, NY 14059
(716) 655-1717 • FAX (716) 655-2915

5L10d HOLE NO. BW-8-12 SURF. ELEVATION _

PROJECT 33 Litchfield Street LOCATION _

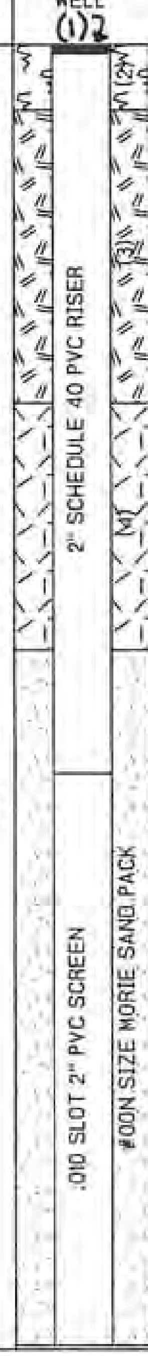
City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 06/13/12 COMPLETED 06/13/12

SN	REC	0/6	6/12	12/18	18/24	N
1	15	14	11	8		19
2	22	7	4	6	8	10
3	10	7	12	15	15	27
4	22	20	20	21	24	41
5	11	20	29	100/0		
		Run	#1			
		Run	#2			

DEPTH IN FT: 5, 10, 15, 20

Depth (ft)	DESCRIPTION AND CLASSIFICATION
0.0–0.2	Dark gray asphalt pavement.
0.2–2.5	Extremely moist brown (SANDY-SILT) fill with 3 to 7% gravel, little sand, compact, massive soil structure, (SM).
2.5–3.8	Extremely moist brown (SANDY-SILT) with 0 to 3% gravel, little mostly very fine to fine size sand, compact, weakly blocky soil structure, (ML). clear transition to
3.8–5.3	Extremely moist to wet brown (SILTY-SAND) with 3 to 7% gravel, mostly very fine to fine size sand, some silt, compact, weakly thinly bedded, (SM). clear transition to
5.3–9.0	Extremely moist brown (SILTY-SAND) with 5 to 15% gravel, little silt, dense, massive soil structure, (SM).
9.0–9.3	Gray apparent dolostone bedrock.
9.3–	Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, moderately to slightly fractured horizontally with a vertical fracture 10.5 to 10.9 foot depth, slightly porous with an occasional pit and vug.



WATER TABLE AND REMARKS

(1) 8" FLUSH TO GRADE PROTECTIVE CASING INSTALLED IN SMALL CONCRETE PAD
(2) CONCRETE
(3) CEMENT BENTONITE GROUT
(4) BENTONITE SEAL

Note: Lost approximately 225 gallons of water to formation during coring.

EDI Bedrock Hardness Classification

Medium hardness: can be easily etched with knife.
Moderately hard: can be etched with knife with some effort.

Run #	Depth (ft)	Length (ft)	Rec (ft)	Rec %	RQD %
1	9.3 to 17.7	8.4	8.2	98	76
2	17.7 to 21.5	3.8	3.7	97	50

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Bri n R. Bartron, Geologist. (mw) SHEET 1 OF 2

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10d HOLE NO. BW-8-12 SURF. ELEVATION —

PROJECT 33 Litchfield Street LOCATION —

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 06/13/12 COMPLETED 06/13/12

DEPTH IN FT | BLOWS ON SAMPLER

SN	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WELL	WATER TABLE AND REMARKS
	Run	#2					Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, moderately to slightly fractured horizontally with a vertical fracture 10.5 to 10.9 foot depth, slightly porous with an occasional pit and vug. 21.5 Coring completed at 21.5 feet.	(1) (2)	← 21.2' ↖ 21.5' (1) .010 SLOT 2" PVC SCREEN (2) #00N SIZE MORIE SAND PACK

25

30

35

40

Asphalt pavement to 0.2 feet over coarse silty soil fill with little sand to 2.5 feet over coarse silty slack water sediment with little sand, trace gravel to 3.8 feet over water sorted and deposited sand with some silt, trace gravel to 5.3 feet over loamy glacial till to 9.0 feet over apparent dolostone bedrock to 9.3 feet over dolostone bedrock to end of coring.

Note: Advanced bore hole with 4 1/4 inch ID x 8 inch OD hollow stem auger casing with continuous split spoon sampling to auger refusal at 9.3 feet. Cored below with a NQ-2 size core barrel and diamond bit to 21.5 feet. Installed a 2 inch PVC monitoring well in completed bore hole to 21.2 feet.

Note: Developed well on 6/14/12 by pumping and surging. Removed 250 gallons of water during development.

HEAD SPACE PID READINGS (PPM)
06/13/12

Sample #	Background	PID-PPM
1	0.0	0.0
2	0.0	0.0
3	0.0	0.0
4	0.0	0.0
5	0.0	0.0

N=NUMBER OF BLOWS TO DRIVE 2" SPOON 12" WITH 140 lb. WT. FALLING 30" PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw)

EARTH DIMENSIONS, INC.
Soil and Hydrogeologic Investigations • Wetland Delineations
1091 Jamison Road • Elma, NY 14059
(716) 655-1717 • FAX (716) 655-2915

5L10d HOLE NO. BW-9-12 SURF. ELEVATION —

PROJECT 33 Litchfield Street LOCATION —
City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 06/06/12 COMPLETED 06/06/12

DEPTH IN FT | BLOWS ON SAMPLER

SN REC	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WELL (1)(2)	WATER TABLE AND REMARKS
1	11						Dark gray asphalt pavement. 0.35		(1) 8" FLUSH TO GRADE PROTECTIVE CASING INSTALLED IN SMALL CONCRETE PAD WITH 2" LOCKING J PLUG OVER PVC RISER
10		9			14		Moist dark gray very gravelly (SAND) fill with 40 to 60% mostly angular gravel, very fine to very coarse size sand, trace silt, compact in place, loose when disturbed, stratified, (SW), (GW). 1.5		(2) BENTONITE SEAL
			5						Asphalt pavement to 0.35 feet over sand and gravel (mostly crushed stone) fill to 1.5 feet over coarse silty soil fill with little sand, trace gravel and clay to 2.5 feet over coarse silty slack water sediment with some sand, trace to little gravel to 4.0 feet over loamy glacial drift with trace gravel to 7.0 feet over boulder to 8.1 feet over apparent glacial till to 12.1 feet over dolostone bedrock to end of coring.
2	4								
18		3			5				
			2						
				6					
3	5								
22		6			11		Extremely moist grayish brown (SANDY-SILT) fill with 3 to 7% gravel, little sand, trace clay, loose, massive soil structure, (ML). 2.5		
			5						
				4					
4	2								
		00/4					Extremely moist brown (SANDY-SILT) with 5 to 15% gravel, some mostly very fine to fine size sand, trace clay, loose and compact, weakly blocky soil structure, (ML).		
	Run	#1					grades downward to 4.0		
							Extremely moist faintly mottled brown (SANDY-SILT) with 3 to 7% gravel, some mostly very fine to fine size sand, trace to little clay, loose and compact, weakly thinly bedded to massive soil structure, (ML). 7.0		
5	23								
5		00/3							
							Boulder. 8.1		
	Run	#2							
							Apparent glacial till. 11.0		
							Extremely moist brown gravelly (SILTY-SAND) with 15 to 25% gravel, some silt, very dense with brittle consistence, massive soil structure, (SM). 12.1		
							See next sheet.		

← 9.3'

Note: Lost approximately 200 gallons of water to the formation during coring.

← 12.8'

← 13.2

Run #	Depth (ft)	Length (ft)	Rec (ft)	Rec %	RQD %
1	7.0 to 11.0	4.0	1.1	N/A	N/A
2	12.1 to 16.5	4.4	4.4	100	62
3	16.5 to 23.3	6.8	6.8	97	66

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw)

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10d HOLE NO. BW-9-12 SURF. ELEVATION —

PROJECT 33 Litchfield Street LOCATION —

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 06/06/12 COMPLETED 06/06/12

DEPTH IN FT	SN	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WELL	WATER TABLE AND REMARKS
								Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, moderately to slightly fractured horizontally with a vertical fracture 12.1 to 13.1 foot depth, occasional high angle fracture, slightly porous with an occasional pit and vug.	(1) (2)	(1) .010 SLOT 2" PVC RISER (2) #00N SIZE MORIE SAND PACK
								23.3 Coring completed at 23.3 feet.		▸ 23.3'

EDI Bedrock Hardness Classification

Medium hardness: can be easily etched with knife.
Moderately hard: can be etched with knife with some effort.

Note: Advanced bore hole with 4 1/4 inch ID x 8 inch OD hollow stem auger casing with continuous split spoon sampling to auger refusal at 7.0 feet. Cored below with NQ size core barrel and diamond bit to 11.0 feet. Sampled 11.0 to 11.8 feet and augered to refusal at 12.1 feet. Continued below with NQ size core barrel and diamond bit to 23.3 feet. Installed a 2 inch PVC monitoring well in completed bore hole.

Note: Developed well on 6/8/12 by pumping and surging. Removed 225 gallons of water during development.

HEAD SPACE PID READINGS (PPM)
06/06/12

Sample #	Background	PID-PPM
1	0.0	0.0
2	0.0	0.0
3	0.0	0.0
4	0.0	0.0
5	0.0	0.0

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw)

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10d HOLE NO. BW-11-12 SURF. ELEVATION —

PROJECT 33 Litchfield Street LOCATION —

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 08/12/12 COMPLETED 08/12/12

DEPTH IN FT	SN REC	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WELL (1)(2)	WATER TABLE AND REMARKS
	1	16						Dark gray asphalt pavement. 0.2		← 1.0'
	1B		8			14		Extremely moist dark gray very gravelly (SILTY-SAND) fill with 40 to 60% mostly angular gravel, very fine to very coarse size sand, little silt, trace cinder and slag, compact, massive soil structure, (SM), (GM). 0.7		(1) 8" FLUSH TO GRADE PROTECTIVE CASING INSTALLED IN SMALL CONCRETE PAD
				8						(2) CONCRETE
					6					(3) CEMENT BENTONITE GROUT
	2	4								(4) BENTONITE SEAL
	16		4			11				
				7						
					7					
	3	4								
5	22		9			23		Extremely moist gray (SILTY-SAND) fill with 5 to 15% gravel, little silt, compact, massive soil structure, (SM). 1.4		
				14						
					20					← 6.0'
	4	22								
	24		24			47		Extremely moist faintly mottled brown (SANDY-SILT) with 3 to 7% gravel, little to some mostly very fine to fine size sand, compact, weakly blocky soil structure, (ML).		
				23						
					24			grades downward to 4.0		
	5	100/3								← 8.8'
	3									← 9.7'
10								Extremely moist brown (SILTY-SAND) with 3 to 7% gravel, mostly very fine to fine size sand, little silt, compact, weakly thinly bedded, (SM).		
								clear transition to 5.2		
		Run	#1					Extremely moist brown gravelly (SILTY-SAND) with 15 to 25% gravel, some silt, dense, (SM). 8.2		
								Gray apparent dolostone bedrock. 8.5		
15								Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, moderately to slightly fractured horizontally with a vertical fracture 9.7 to 9.9 foot depth and a high angle fracture 10.6 to 10.7 foot depth, slightly porous with an occasional pit and vug.		
		Run	#2							
20										

2" SCHEDULE 40 FJT PVC RISER

.010 SLOT 2" PVC SCREEN

#00N SIZE MORIE SAND PACK

Run #	Depth (ft)	Length (ft)	Rec (ft)	Rec %	RQD %
1	8.5 to 17.2	8.7	8.3	95	71
2	17.2 to 20.2	3.0	2.6	87	75

EDI Bedrock Hardness Classification

Medium hardness: can be easily etched with knife.

Moderately hard: can be etched with knife with some effort.

← 19.7'

N=NUMBER OF BLOWS TO DRIVE 2" SPOON 12" WITH 140 lb. WT. FALLING 30" PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw)

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations
1091 Jamison Road • Elma, NY 14059
(716) 655-1717 • FAX (716) 655-2915

5L10d HOLE NO. BW-11-12 SURF. ELEVATION —

PROJECT 33 Litchfield Street LOCATION —
City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 06/12/12 COMPLETED 06/12/12

DEPTH IN FT | BLOWS ON SAMPLER | SN | 0/6 | 6/12 | 12/18 | 18/24 | N | LITH | DESCRIPTION AND CLASSIFICATION | WELL | WATER TABLE AND REMARKS

Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, moderately to slightly fractured horizontally with a vertical fracture 9.7 to 9.9 foot depth and a high angle fracture 10.8 to 10.7 foot depth, slightly porous with an occasional pit and vug.

20.2

Coring completed at 20.2 feet.

End of Run #2 at 20.2 feet.

Note: Lost approximately 50 gallons of water to formation during coring.

Note: Developed well on 6/14/12 by pumping and surging. Removed 75 gallons of water during development.

20.2'

EDI Bedrock Hardness Classification

Medium hardness: can be easily etched with knife.
Moderately hard: can be etched with knife with some effort.

Asphalt pavement to 0.2 feet over sand and gravel (mostly crushed stone) fill with little silt, trace slag and cinder to 0.7 feet over sandy soil fill with little silt, trace to little gravel to 1.4 feet over coarse silty slack water sediment with little to some sand to 4.0 feet over water sorted and deposited sand with little silt to 5.2 feet over loamy glacial till to 8.2 feet over apparent dolostone bedrock to 8.5 feet over dolostone bedrock to end of coring.

Note: Advanced bore hole with 4 1/4 inch ID x 8 inch OD hollow stem auger casing with continuous split spoon sampling to refusal at 8.5 feet. Cored below with NQ size core barrel and diamond bit to 20.2 feet. Installed a 2 inch PVC monitoring well in completed bore hole to 19.7 feet.

HEAD SPACE PID READINGS (PPM)
06/12/12

Sample #	Background	PID-PPM
1	0.0	0.0
2	0.0	7.1
3	0.0	11.2
4	0.0	0.0
5	0.0	0.0

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw)

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10d HOLE NO. BH-12-12 SURF. ELEVATION —

PROJECT 33 Litchfield Street LOCATION —

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 08/07/12 COMPLETED 08/07/12

DEPTH IN FT	SN REC	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION
	1	14						Dark gray asphalt pavement. 0.1
	16		5			11		Extremely moist gray very gravelly (SAND) fill with 40 to 60% mostly angular gravel, very fine to very coarse size sand, trace silt, compact in place, loose when disturbed, single grain, (SW), (GW). 1.0
				6				
	2	8						
	20		7			23		
				16				
					22			
	3	12						
5	20		18			35		Extremely moist brown (SILTY-SAND) with 3 to 7% gravel, mostly very fine to fine size sand, some silt, compact, weakly blocky soil structure to weakly thinly bedded, (SM). 3.0
				17				
					20			
	4	20						
			18			39		
				21				
					22			
	5	20						Extremely moist brown (SILTY-SAND) with 5 to 15% gravel, some silt, dense, massive soil structure, (SM). 9.2
			26					
				100/2				Gray apparent dolostone bedrock. 10.8
10								Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, moderately to slightly fractured horizontally, slightly porous with an occasional pit and vug.
		Run	#1					
15								
		Run	#2					
20								

WELL (1) 2

2" SCHEDULE 40 FJT PVC RISER

CEMENT BENTONITE GROUT (3)

.010 SLOT 2" PVC SCREEN

#00N SIZE MORIE SAND PACK

WATER TABLE AND REMARKS

← 0.5'

(1) 8" DIAMETER FLUSH TO GRADE PROTECTIVE CASING INSTALLED IN SMALL CONCRETE PAD

Asphalt pavement to 0.1 feet over mostly crushed stone fill to 1.0 feet over water sorted and deposited sand with some silt to 3.0 feet over loamy glacial till with trace to little gravel to 9.2 feet over apparent dolostone bedrock to 10.8 feet over dolostone bedrock to end of coring.

← 7.5'

(2) CONCRETE
(3) BENTONITE SEAL

← 10.5'

← 11.5'

EDI Bedrock Hardness Classification

Medium hardness: can be easily etched with knife.
Moderately hard: can be etched with knife with some effort.

Run #	Depth (ft)	Length (ft)	Rec (ft)	Rec %	RQD %
1	10.8 to 17.4	6.6	6.5	98	58
2	17.4 to 21.5	4.1	4.1	100	71

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw)

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10d HOLE NO. BW-12-12 SURF. ELEVATION —

PROJECT 33 Litchfield Street LOCATION —

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 06/07/12 COMPLETED 06/07/12

DEPTH IN FT	SN	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WELL	WATER TABLE AND REMARKS
		Run	#2					Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, moderately to slightly fractured horizontally, slightly porous with an occasional pit and vug.	(1) (2)	(1) .010 SLOT 2" PVC SCREEN (2) #00N SIZE MORIE SAND PACK ← 21.5'
								21.5 Coring completed at 21.5 feet.		
25										
30										
35										
40										

EDI Bedrock Hardness Classification

Medium hardness: can be easily etched with knife.
Moderately hard: can be etched with knife with some effort.

Note: Advanced bore hole with 4 1/4 inch ID x 8 inch OD hollow stem auger casing with continuous sampling to auger refusal at 10.8 feet. Continued below with NQ size core barrel and diamond bit to 21.5 feet. Installed a 2 inch PVC monitoring well in completed bore hole.

Note: Lost approximately 50 gallons of water to the formation during coring.

Note: Developed well on 6/8/12 by pumping and surging. Removed 75 gallons of water during development.

HEAD SPACE PID READINGS (PPM)
06/07/12

Sample #	Background	PID-PPM
1	0.0	0.0
2	0.0	0.0
3	0.0	0.0
4	0.0	0.7
5	0.0	0.0

N=NUMBER OF BLOWS TO DRIVE 2 * SPOON 12 * WITH 140 lb. WT. FALLING 30 * PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw)

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

SL10d HOLE NO. BW-13-12 SURF. ELEVATION —

PROJECT 33 Litchfield Street LOCATION —

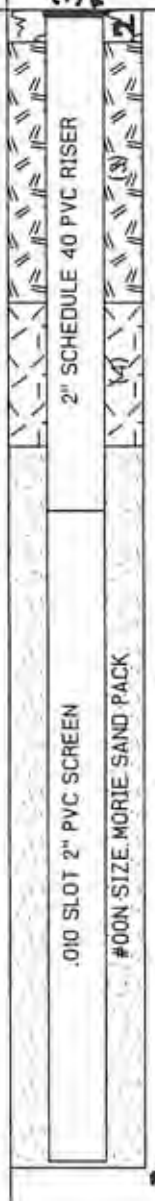
City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 06/08/12 COMPLETED 06/08/12

DEPTH IN FT | BLOWS ON SAMPLER

SN REC	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION
1	29						Dark gray asphalt pavement. 0.5
12		8			14		Moist gray very gravelly (SAND) fill with 40 to 60% mostly angular gravel, very fine to very coarse size sand, trace silt, single grain, (SW), (GW). 1.1
			6				
2	5						
20		5			9		
			4				
				4			
3	4						
18		4			14		Extremely moist brown (SANDY-SILT) fill with 3 to 7% gravel, some sand, compact, massive soil structure, (ML). 2.3
			10				
				15			
4	100/1						Extremely moist brown (SILTY-SAND) with 3 to 7% gravel, mostly very fine to fine size sand, some silt, loose, weakly blocky soil structure to weakly thinly bedded, (SM). clear transition to 5.0
	Run	#1					Extremely moist brown (SILTY-SAND) with 5 to 15% gravel, some silt, compact, massive soil structure, (SM). 6.1
							Gray apparent dolostone bedrock. 6.6
							Gray dolostone bedrock, effervesces when etched, medium hardness to moderately hard, moderately fractured horizontally with a high angle fracture 8.3 to 8.6 foot depth, slightly porous with an occasional pit and vug.
	Run	#2					17.8
							Coring completed at 17.8 feet.

WELL (1)(2)



WATER TABLE AND REMARKS

- 0.5'
- (1) 8" FLUSH TO GRADE PROTECTIVE CASING INSTALLED IN SMALL CONCRETE PAD
- (2) CONCRETE
- (3) CEMENT BENTONITE GROUT
- (4) BENTONITE SEAL
- 4.5'
- 6.7'
- 7.7'

EDI Bedrock Hardness Classification

Medium hardness: can be easily etched with knife.
Moderately hard: can be etched with knife with some effort.

Run #	Depth (ft)	Length (ft)	Rec (ft)	Rec %	RQD %
1	6.6 to 11.1	4.5	4.4	98	70
2	11.1 to 17.8	6.7	6.4	96	55

17.7'
17.8'

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw)

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

5L10d HOLE NO. BW-13-12 SURF. ELEVATION _

PROJECT 33 Litchfield Street LOCATION _

City of Rochester, Monroe Co., NY

CLIENT Development & Environmental Consultants, Inc. DATE STARTED 06/08/12 COMPLETED 06/08/12

DEPTH IN FT	SN	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WELL	WATER TABLE AND REMARKS
										Asphalt pavement to 0.5 feet over sand and gravel (mostly crushed stone) fill to 1.1 feet over coarse silty soil fill with some sand to 2.3 feet over water sorted and dedposited sand with some silt to 5.0 feet over loamy glacial drift with trace to little gravel to 6.1 feet over apparent dolostone bedrock to 6.6 feet over dolostone bedrock to end of coring.
25										Note: Advanced bore hole with 4 1/4 inch ID x 8 inch OD hollow stem auger casing with continuous split spoon sampling to 6.6 feet. Cored below with NQ size core barrel and diamond bit to 17.8 feet. Installed a 2 inch PVC monitoring well in completed bore hole to 17.7 feet.
30										Note: Lost approximately 25 gallons of water to the formation during coring.
										Note: Developed well on 6/12/12 by pumping and surging. Removed 50 gallons of water during development.
35										HEAD SPACE PID READINGS (PPM) 06/08/12
										Sample # Background PID-PPM 1 0.0 0.0 2 0.0 0.0 3 0.0 0.0 4 0.0 0.0
40										

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Brian R. Bartron, Geologist, (mw) SHEET 2 OF 2

Appendix - C

Laboratory Analytical Report

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

DECI

For Lab Project # 12:2431
Issued June 11, 2012
This report contains a total of 4 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"<" = analyzed for but not detected at or above the reporting limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site: Carriage Factory
Client Job Number: N/A
Field Location: RW-9
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 12:2431
Lab Sample Number: 12:2431-01

Date Sampled: 06/08/2012
Date Received: 06/08/2012
Date Analyzed: 06/11/2012

Compound	Results in ug / L	Compound	Results in ug / L
Bromodichloromethane	< 2.00	1,1-Dichloroethene	< 2.00
Bromoform	< 5.00	cis-1,2-Dichloroethene	< 2.00
Bromomethane	< 2.00	trans-1,2-Dichloroethene	< 2.00
Carbon Tetrachloride	< 2.00	1,2-Dichloropropane	< 2.00
Chlorobenzene	< 2.00	cis-1,3-Dichloropropene	< 2.00
Chloroethane	< 2.00	trans-1,3-Dichloropropene	< 2.00
2-Chloroethyl vinyl Ether	< 10.0	Methylene chloride	< 5.00
Chloroform	< 2.00	1,1,2,2-Tetrachloroethane	< 2.00
Chloromethane	< 2.00	Tetrachloroethene	11.3
Dibromochloromethane	< 2.00	1,1,1-Trichloroethane	< 2.00
1,2-Dichlorobenzene	< 2.00	1,1,2-Trichloroethane	< 2.00
1,3-Dichlorobenzene	< 2.00	Trichloroethene	< 2.00
1,4-Dichlorobenzene	< 2.00	Trichlorofluoromethane	< 2.00
1,1-Dichloroethane	< 2.00	Vinyl chloride	< 2.00
1,2-Dichloroethane	< 2.00		

ELAP Number 10958 Method: EPA 8260B Data File: V97882.D

Comments: ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site: Carriage Factory
Client Job Number: N/A
Field Location: RW-12
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 12:2431
Lab Sample Number: 12:2431-02

Date Sampled: 06/08/2012
Date Received: 06/08/2012
Date Analyzed: 06/11/2012

Compound	Results in ug / L	Compound	Results in ug / L
Bromodichloromethane	< 2.00	1,1-Dichloroethene	< 2.00
Bromoform	< 5.00	cis-1,2-Dichloroethene	24.5
Bromomethane	< 2.00	trans-1,2-Dichloroethene	< 2.00
Carbon Tetrachloride	< 2.00	1,2-Dichloropropane	< 2.00
Chlorobenzene	< 2.00	cis-1,3-Dichloropropene	< 2.00
Chloroethane	< 2.00	trans-1,3-Dichloropropene	< 2.00
2-Chloroethyl vinyl Ether	< 10.0	Methylene chloride	< 5.00
Chloroform	< 2.00	1,1,2,2-Tetrachloroethane	< 2.00
Chloromethane	< 2.00	Tetrachloroethene	2.71
Dibromochloromethane	< 2.00	1,1,1-Trichloroethane	< 2.00
1,2-Dichlorobenzene	< 2.00	1,1,2-Trichloroethane	< 2.00
1,3-Dichlorobenzene	< 2.00	Trichloroethene	6.80
1,4-Dichlorobenzene	< 2.00	Trichlorofluoromethane	< 2.00
1,1-Dichloroethane	< 2.00	Vinyl chloride	< 2.00
1,2-Dichloroethane	< 2.00		

ELAP Number 10958 Method: EPA 8260B Data File: V97883.D

Comments: ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:
COMPANY: DECI
ADDRESS: 3178 DURHAM ROAD
CITY: HAMBURG STATE: NY ZIP: 14075
PHONE: 716-639-5958 FAX:
ATTN: ROEPAFF
COMMENTS: PLEASE EMAIL TO MWP001@D-E-C.COM

INVOICE TO:
COMPANY:
ADDRESS:
CITY: SAME STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 12:2431
CLIENT PROJECT #:
TURNAROUND TIME: (WORKING DAYS)
ASAP
STD OTHER
[X] 1 [X] 2 [ ] 3 [ ] 5 [ ]
QUOTE #: 2day per lab/JD. EAH 6/8

PROJECT NAME/SITE NAME: LANDFILL FACILITY

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260 VOC - CHLORINATED ONLY	REMARKS	PARADIGM LAB SAMPLE NUMBER
06/08/12	3:06p			RW-9	H2O	2	✓		01
2 "	3:21p			RW-12	"	2	✓		02
3									
4									
5									
6									
7									
8									
9									
10									

****LAB USE ONLY BELOW THIS LINE****

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y [X]	N [ ]
Comments:		
Preservation:	Y [X]	N [ ]
Comments:		
Holding Time:	Y [X]	N [ ]
Comments:		
Temperature:	Y [ ]	N [X]
Comments: 20°C		

Sampled By: [signature] Date/Time: 06/08/12 ~~3~~6
Relinquished By: [signature] Date/Time: 06/08/12
Received By: [signature] Date/Time: 6/8/12 1630
Received @ Lab By: Elizabeth A Honch Date/Time: 6/8/12 1650

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

DECI

For Lab Project # 12:2486
Issued June 14, 2012
This report contains a total of 5 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"<" = analyzed for but not detected at or above the reporting limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site: 33 Litchfield St.
Client Job Number: N/A
Field Location: RW-13
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 12:2486
Lab Sample Number: 12:2486-01
Date Sampled: 06/12/2012
Date Received: 06/12/2012
Date Analyzed: 06/13/2012

Compound	Results in ug / L	Compound	Results in ug / L
Bromodichloromethane	< 2.00	1,1-Dichloroethene	< 2.00
Bromoform	< 5.00	cis-1,2-Dichloroethene	< 2.00
Bromomethane	< 2.00	trans-1,2-Dichloroethene	< 2.00
Carbon Tetrachloride	< 2.00	1,2-Dichloropropane	< 2.00
Chlorobenzene	< 2.00	cis-1,3-Dichloropropene	< 2.00
Chloroethane	< 2.00	trans-1,3-Dichloropropene	< 2.00
2-Chloroethyl vinyl Ether	< 10.0	Methylene chloride	< 5.00
Chloroform	< 2.00	1,1,2,2-Tetrachloroethane	< 2.00
Chloromethane	< 2.00	Tetrachloroethene	< 2.00
Dibromochloromethane	< 2.00	1,1,1-Trichloroethane	< 2.00
1,2-Dichlorobenzene	< 2.00	1,1,2-Trichloroethane	< 2.00
1,3-Dichlorobenzene	< 2.00	Trichloroethene	< 2.00
1,4-Dichlorobenzene	< 2.00	Trichlorofluoromethane	< 2.00
1,1-Dichloroethane	< 2.00	Vinyl chloride	< 2.00
1,2-Dichloroethane	< 2.00		

ELAP Number 10958 Method: EPA 8260B Data File: V97955.D

Comments: ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site: 33 Litchfield St.
Client Job Number: N/A
Field Location: RW-7
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 12:2486
Lab Sample Number: 12:2486-02
Date Sampled: 06/12/2012
Date Received: 06/12/2012
Date Analyzed: 06/13/2012

Compound	Results in ug / L	Compound	Results in ug / L
Bromodichloromethane	< 2.00	1,1-Dichloroethene	< 2.00
Bromoform	< 5.00	cis-1,2-Dichloroethene	4.28
Bromomethane	< 2.00	trans-1,2-Dichloroethene	< 2.00
Carbon Tetrachloride	< 2.00	1,2-Dichloropropane	< 2.00
Chlorobenzene	< 2.00	cis-1,3-Dichloropropene	< 2.00
Chloroethane	< 2.00	trans-1,3-Dichloropropene	< 2.00
2-Chloroethyl vinyl Ether	< 10.0	Methylene chloride	< 5.00
Chloroform	< 2.00	1,1,2,2-Tetrachloroethane	< 2.00
Chloromethane	< 2.00	Tetrachloroethene	< 2.00
Dibromochloromethane	< 2.00	1,1,1-Trichloroethane	< 2.00
1,2-Dichlorobenzene	< 2.00	1,1,2-Trichloroethane	< 2.00
1,3-Dichlorobenzene	< 2.00	Trichloroethene	< 2.00
1,4-Dichlorobenzene	< 2.00	Trichlorofluoromethane	< 2.00
1,1-Dichloroethane	< 2.00	Vinyl chloride	< 2.00
1,2-Dichloroethane	< 2.00		

ELAP Number 10958 Method: EPA 8260B Data File: V97956.D

Comments: ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site: 33 Litchfield St.
Client Job Number: N/A
Field Location: Trip Blank 7346
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 12:2486
Lab Sample Number: 12:2486-03
Date Sampled: 06/12/2012
Date Received: 06/12/2012
Date Analyzed: 06/13/2012

Compound	Results in ug / L	Compound	Results in ug / L
Bromodichloromethane	< 2.00	1,1-Dichloroethene	< 2.00
Bromoform	< 5.00	cis-1,2-Dichloroethene	< 2.00
Bromomethane	< 2.00	trans-1,2-Dichloroethene	< 2.00
Carbon Tetrachloride	< 2.00	1,2-Dichloropropane	< 2.00
Chlorobenzene	< 2.00	cis-1,3-Dichloropropene	< 2.00
Chloroethane	< 2.00	trans-1,3-Dichloropropene	< 2.00
2-Chloroethyl vinyl Ether	< 10.0	Methylene chloride	< 5.00
Chloroform	< 2.00	1,1,2,2-Tetrachloroethane	< 2.00
Chloromethane	< 2.00	Tetrachloroethene	< 2.00
Dibromochloromethane	< 2.00	1,1,1-Trichloroethane	< 2.00
1,2-Dichlorobenzene	< 2.00	1,1,2-Trichloroethane	< 2.00
1,3-Dichlorobenzene	< 2.00	Trichloroethene	< 2.00
1,4-Dichlorobenzene	< 2.00	Trichlorofluoromethane	< 2.00
1,1-Dichloroethane	< 2.00	Vinyl chloride	< 2.00
1,2-Dichloroethane	< 2.00		

ELAP Number 10958 Method: EPA 8260B Data File: V97957.D

Comments: ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:		
COMPANY: DEC E	COMPANY:	LAB PROJECT #: 12:2486	CLIENT PROJECT #:
ADDRESS: 3178 DURHAM ROAD	ADDRESS:		
CITY: HAMBURG STATE: NY ZIP: 14075	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS) 2 day per lab EAH 6/12	
PHONE: 716-639-5958 FAX:	PHONE: FAX:	STD OTHER	
PROJECT NAME/SITE NAME: 33 LITCHFIELD ST	ATTN: RUPPART	X 1 2 3 5	
	COMMENTS: RE EMAIL RESULTS MWP001@D-E-C.COM		

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	Field Chlorinated Only	REMARKS	PARADIGM LAB SAMPLE NUMBER
	06/12/12									
1	"	2:10p			RW-13	H2O	2	X		01
2	"	4:17p			RW #7	"	2	X		02
3	"				TRIP BLANK 7346	"	1	X		03
4						"				
5										
6										
7										
8										
9										
10										

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation:	CONTAINER TYPE: X	PRESERVATIONS: X	HOLDING TIME: X	TEMPERATURE: 21°C

Sampled By:	Date/Time: 06/12/12	Relinquished By:	Date/Time: 06/12/12
Relinquished By:	Date/Time:	Received By: Elizabeth A Honch	Date/Time: 6/12/12 1625
Received By:	Date/Time:	Received @ Lab By: Elizabeth A Honch	Date/Time: 6/12/12 1635

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

DECI

For Lab Project # 12:2523
Issued June 15, 2012
This report contains a total of 7 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"<" = analyzed for but not detected at or above the reporting limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site: Carriage Factory
Client Job Number: N/A
Field Location: RW-8
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 12:2523
Lab Sample Number: 12:2523-01
Date Sampled: 06/14/2012
Date Received: 06/14/2012
Date Analyzed: 06/15/2012

Compound	Results in ug / L	Compound	Results in ug / L
Bromodichloromethane	< 2.00	1,1-Dichloroethene	< 2.00
Bromoform	< 5.00	cis-1,2-Dichloroethene	6.50
Bromomethane	< 2.00	trans-1,2-Dichloroethene	< 2.00
Carbon Tetrachloride	< 2.00	1,2-Dichloropropane	< 2.00
Chlorobenzene	< 2.00	cis-1,3-Dichloropropene	< 2.00
Chloroethane	< 2.00	trans-1,3-Dichloropropene	< 2.00
2-Chloroethyl vinyl Ether	< 10.0	Methylene chloride	< 5.00
Chloroform	< 2.00	1,1,2,2-Tetrachloroethane	< 2.00
Chloromethane	< 2.00	Tetrachloroethene	< 2.00
Dibromochloromethane	< 2.00	1,1,1-Trichloroethane	< 2.00
1,2-Dichlorobenzene	< 2.00	1,1,2-Trichloroethane	< 2.00
1,3-Dichlorobenzene	< 2.00	Trichloroethene	7.59
1,4-Dichlorobenzene	< 2.00	Trichlorofluoromethane	< 2.00
1,1-Dichloroethane	< 2.00	Vinyl chloride	< 2.00
1,2-Dichloroethane	< 2.00		

ELAP Number 10958 Method: EPA 8260B Data File: V98024.D

Comments: ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site: Carriage Factory
Client Job Number: N/A
Field Location: Drill Water (DW)
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 12:2523
Lab Sample Number: 12:2523-02
Date Sampled: 06/14/2012
Date Received: 06/14/2012
Date Analyzed: 06/15/2012

Compound	Results in ug / L	Compound	Results in ug / L
Bromodichloromethane	4.23	1,1-Dichloroethene	< 2.00
Bromoform	< 5.00	cis-1,2-Dichloroethene	< 2.00
Bromomethane	< 2.00	trans-1,2-Dichloroethene	< 2.00
Carbon Tetrachloride	< 2.00	1,2-Dichloropropane	< 2.00
Chlorobenzene	< 2.00	cis-1,3-Dichloropropene	< 2.00
Chloroethane	< 2.00	trans-1,3-Dichloropropene	< 2.00
2-Chloroethyl vinyl Ether	< 10.0	Methylene chloride	< 5.00
Chloroform	11.3	1,1,2,2-Tetrachloroethane	< 2.00
Chloromethane	< 2.00	Tetrachloroethene	< 2.00
Dibromochloromethane	< 2.00	1,1,1-Trichloroethane	< 2.00
1,2-Dichlorobenzene	< 2.00	1,1,2-Trichloroethane	< 2.00
1,3-Dichlorobenzene	< 2.00	Trichloroethene	< 2.00
1,4-Dichlorobenzene	< 2.00	Trichlorofluoromethane	< 2.00
1,1-Dichloroethane	< 2.00	Vinyl chloride	< 2.00
1,2-Dichloroethane	< 2.00		

ELAP Number 10958 Method: EPA 8260B Data File: V98025.D

Comments: ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site: Carriage Factory
Client Job Number: N/A
Field Location: RW-11
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 12:2523
Lab Sample Number: 12:2523-03
Date Sampled: 06/14/2012
Date Received: 06/14/2012
Date Analyzed: 06/15/2012

Compound	Results in ug / L	Compound	Results in ug / L
Bromodichloromethane	< 2.00	1,1-Dichloroethene	< 2.00
Bromoform	< 5.00	cis-1,2-Dichloroethene	< 2.00
Bromomethane	< 2.00	trans-1,2-Dichloroethene	< 2.00
Carbon Tetrachloride	< 2.00	1,2-Dichloropropane	< 2.00
Chlorobenzene	< 2.00	cis-1,3-Dichloropropene	< 2.00
Chloroethane	< 2.00	trans-1,3-Dichloropropene	< 2.00
2-Chloroethyl vinyl Ether	< 10.0	Methylene chloride	< 5.00
Chloroform	< 2.00	1,1,2,2-Tetrachloroethane	< 2.00
Chloromethane	< 2.00	Tetrachloroethene	< 2.00
Dibromochloromethane	< 2.00	1,1,1-Trichloroethane	< 2.00
1,2-Dichlorobenzene	< 2.00	1,1,2-Trichloroethane	< 2.00
1,3-Dichlorobenzene	< 2.00	Trichloroethene	< 2.00
1,4-Dichlorobenzene	< 2.00	Trichlorofluoromethane	< 2.00
1,1-Dichloroethane	< 2.00	Vinyl chloride	< 2.00
1,2-Dichloroethane	< 2.00		

ELAP Number 10958 Method: EPA 8260B Data File: V98026.D

Comments: ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site: Carriage Factory
Client Job Number: N/A
Field Location: Pump Water (PW)
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 12:2523
Lab Sample Number: 12:2523-04

Date Sampled: 06/14/2012
Date Received: 06/14/2012
Date Analyzed: 06/15/2012

Compound	Results in ug / L	Compound	Results in ug / L
Bromodichloromethane	2.61	1,1-Dichloroethene	< 2.00
Bromoform	< 5.00	cis-1,2-Dichloroethene	< 2.00
Bromomethane	< 2.00	trans-1,2-Dichloroethene	< 2.00
Carbon Tetrachloride	< 2.00	1,2-Dichloropropane	< 2.00
Chlorobenzene	< 2.00	cis-1,3-Dichloropropene	< 2.00
Chloroethane	< 2.00	trans-1,3-Dichloropropene	< 2.00
2-Chloroethyl vinyl Ether	< 10.0	Methylene chloride	< 5.00
Chloroform	6.48	1,1,2,2-Tetrachloroethane	< 2.00
Chloromethane	< 2.00	Tetrachloroethene	< 2.00
Dibromochloromethane	< 2.00	1,1,1-Trichloroethane	< 2.00
1,2-Dichlorobenzene	< 2.00	1,1,2-Trichloroethane	< 2.00
1,3-Dichlorobenzene	< 2.00	Trichloroethene	< 2.00
1,4-Dichlorobenzene	< 2.00	Trichlorofluoromethane	< 2.00
1,1-Dichloroethane	< 2.00	Vinyl chloride	< 2.00
1,2-Dichloroethane	< 2.00		

ELAP Number 10958 Method: EPA 8260B Data File: V98027.D

Comments: ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: DEC I	COMPANY:	LAB PROJECT #: 12:2523 / CLIENT PROJECT #:
ADDRESS: 3178 DURHAM ROAD	ADDRESS: SAME	
CITY: HAMBURG STATE: NY ZIP: 14075	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)
PHONE: 716-639-5958 FAX:	PHONE: FAX:	STD / OTHER
PROJECT NAME/SITE NAME: Chemtrade Factory	ATTN: MW PURPAFF	ATTN: [X] 1 [ ] 2 [ ] 3 [ ] 5 [ ]
	COMMENTS: RE EMAIL RESULTS TO MWPAFF@D-E-C.COM	

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260 VOC Chlorinated ethenes only										REMARKS	PARADIGM LAB SAMPLE NUMBER
1	06/14/12	11:30a			RW-8	H2O	2	X											01
2	"	11:45a			DRILL WATER (DW)	"	2	X											02
3	"	12:45p			RW-11	"	2	X											03
4	"	12:50 PM			PUMP WATER (PW)	"	2	X											04
5																			
6																			
7																			
8																			
9																			
10																			

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation:	CONTAINER TYPE: [ ]	PRESERVATIONS: [ ]	HOLDING TIME: [ ]	TEMPERATURE: [ ]
		see p. 2		23°C

Sampled By:	Date/Time:	Relinquished By:	Date/Time: 06/14/12	Total Cost:
Relinquished By:	Date/Time:	Received By:	Date/Time: 06/14/12	
Received By:	Date/Time: 6/14/12 1330	Received @ Lab By:	Date/Time: 6/14/12 1353	P.I.F.

Chain of Custody Supplement

Client: 12:2523

Lab Project ID: DECI

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

NELAC compliance with the sample condition requirements upon receipt

Condition	Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X		
Comments			
Preservation	X		
Comments			
Chlorine Absent (<0.05 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature		X	
Comments	23°C		
Sufficient Sample Quantity	X		
Comments			

Appendix - D

Groundwater Analytical Comparison Table

TABLE - 9-1

GROUNDWATER ANALYTICAL SUMMARY

Carriage Factory Special Needs Apartments
33
R

Groundwater Analytical Findings Comparison Table (ppb.)													
Parameter	**TOGS 1.1.1 (G. Water)**	**RW-1**	**RW-2**	**RW-3**	**RW-4**	**RW-5**	**RW-6**	**RW-7**	**RW-8**	**RW-9**	**RW-11**	**RW-12**	**RW-13**
		-	-	3	-	-	-						
- -		**6.88**	**26.6**	**81.8**	**23.1**	**49.5**	**63.1**		**-**	-	-	**24.5**	-
- -		-	3	**10.2**	-	**5.63**	-	-	**6.50**	-	-	-	-
		6.72	-		**62.6**	**12.2**	**732**	-	-	**11.3**	-		-
		7.15	**9.19**	**125**	**21.4**	**48.5**	**93.2**	-	**7.59**	-	-	**6.80**	-
		3.99	-	-	**3.86**	**2.93**	-				-		-
Total VOC's	-	**24.74**	**38.22**	**223.59**	**110.96**	**118.76**	**888.30**		**14.09**	**11.3**	-	**34.01**	-

NOTES:
-
-
3
E I E R R
E G G G
E R

Development &
Environmental
Consultants, Inc.

3178 Durham Road
Hamburg, NY 14075

20 June 2012

Mr. Michael Loftus
Environmental Services Director
The DePaul Group, Inc.
1931 Buffalo Road
Rochester, NY 14624

Dear Mr. Loftus:

Please be advised that we have completed our sub-slab soil sampling events, a component of the on-going Environmental Investigation of the site located at 33 Litchfield Street, in the City of Rochester, County of Monroe and State of New York.

The sampling was conducted in four (4) phases as the floor was removed by the demolition contractor in the given area sampled. The areas broken out are described as the complete western side of the building and the north center area. The second included the southeastern area of the basement. The third area sampled was located in the northeastern area of the building, and the fourth, the northern and center/southern area of the Atrium.

Samples were composited from four (4) discreet areas of the western and north center area on 05 June 2012. Two (2) composite samples acquired in the southeastern area on 08 June 2012. One (1) sample was acquired from the northeastern area on 14 June 2012, and two (2) from the Atrium on 17 June 2012.

A sample location drawing is presented in Appendix-A, Figures, Figure-1, Sample location drawing.

Photographic documentation of the sampled areas, and a photograph orientation key are presented in Appendix-B.

Note: Due to the low light conditions of the areas photographed, the photographs presented have been digitally enhanced for brightness and contrast.

Samples were field screened utilizing visual and olfactory senses, as well as direct reading photoionization instrumentation. Field observations of the basement soils throughout the building did not display those characteristics representative of, or associated with a source of impact. Further, the demolition contractor did not encounter elevated vapors exposures or stained soils during the floor removal operations.

All prepared samples were transported and submitted to Paradigm Environmental Services, Inc. (ELAP No. 10958), Rochester, NY. Chain of Custody protocol was complied with.

Sample Analytical method:

EPA Method 8260B - Volatile Organic Compounds, Chlorinated Compound List.

Analytical reports and chain of custody records are presented in Appendix-C, Laboratory Analytical Report.

The following table presents a comparison of the analytical findings of the samples, values are in parts per million (ppm).

TABLE-1
Basement Sub-Slab Analytical Summary
Volatile Organic Compounds (Chlorinateds)

Contaminant	Unrestricted Residential Use	Restricted Residential Use	001 SW Cor.	002 W. Cent.	003 NW Cor.	004 NW Cent.	005 SE Cor.	006 SE Cent.	007 NE Cor.	008 Atrium Mid.	009 Atrium N.
cis-1,2-Dichloroethene	0.25	100	-	0.116	0.0972	0.0181	-	-	-	-	-
Tetrachloroethene	1.3	100	0.0393	-	-	0.0126	0.0185	0.0172	0.0104	0.0322	0.132
trans-1,2-Dichloroethene	0.19	100	-	0.0158	0.0144	-	-	-	-	-	-
Trichloroethene	0.47	21	0.168	0.374	0.153	0.0505	-	-	-	-	-
Totals	100	100	0.2073	0.5058	0.2646	0.0812	0.0185	0.0172	0.0104	-	-

NOTES:
1. (*) = CP-51 Compounds.
2. (-) = Less than laboratory detection limits, (NA) = Not Applicable.
3. Concentrations are expressed in parts per million (ppm).
4. Soil samples were collected on June 06, 08, 14, and 17 2012, by DECI and analyzed by Paradigm Environmental Services, Rochester, NY. See Attachment C Laboratory Analytical Report.
5. Concentrations in bold font exceed NYSDEC Part 375 and CP-51 Recommend Cleanup Objectives for Unrestricted and Restricted Residential Land Use.
6. E = Result estimated, equipment calibration limits exceeded.
7. M = Matrix spike recoveries outside QC limits. Matrix bias indicated.

The Analytical findings determined all results within NYSDEC Part 375 Recommend Cleanup Objectives for Unrestricted Residential Land Use. The basement soils meet or exceed regulatory guidance, no further action is required at this time.

Thank you for your consideration, please contact me with any additional questions you may have.

Very truly yours,

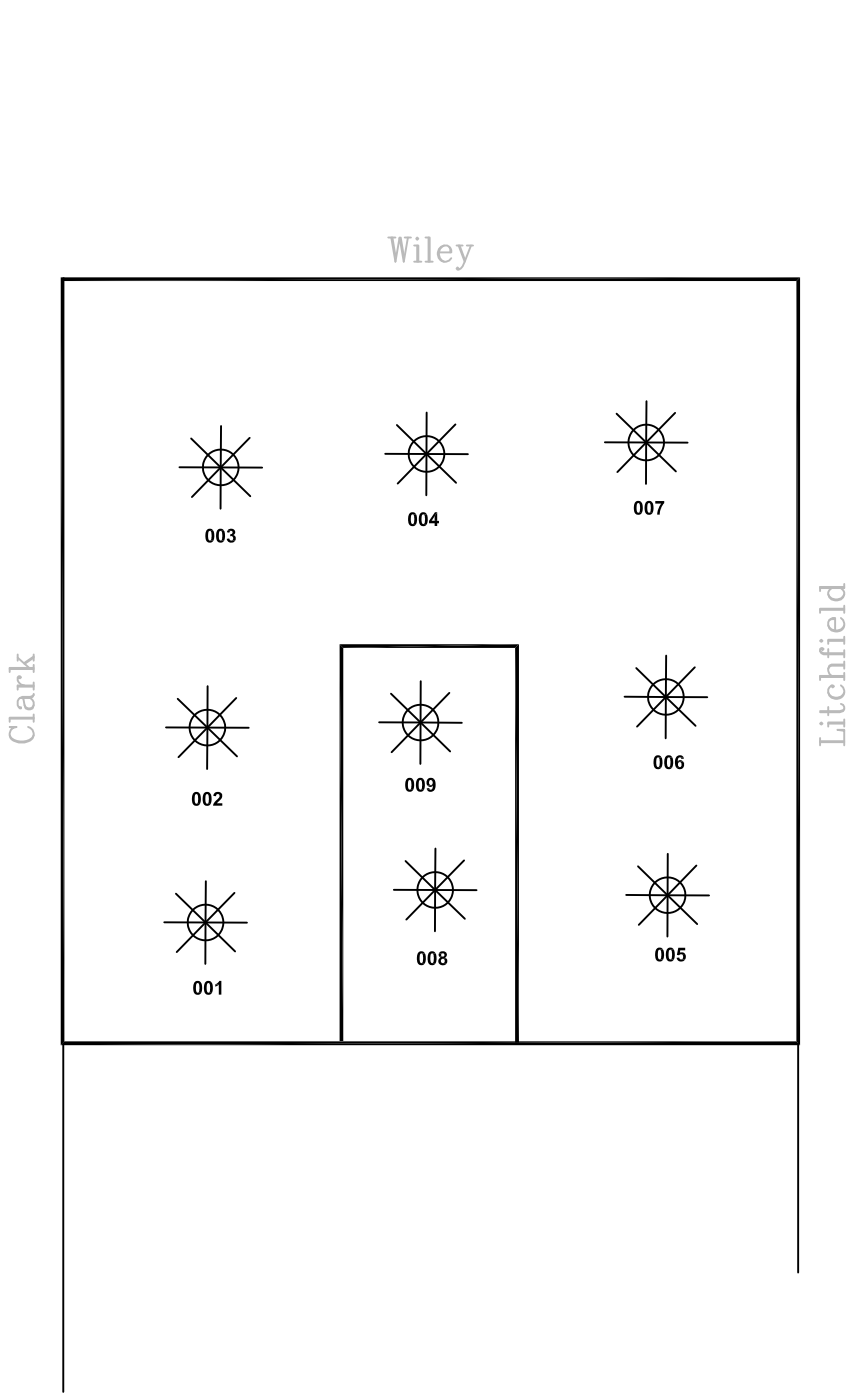
Michael W. Pufpaff
Development & Environmental Consultants, Inc.

Cc: B. Putzig
P. Siegrist
J. Forbes
H. Spitzburg

Cc: M. Fuller
M. Loftus
G. Condie
J. Wahlen
J. Cromwell
J. Gibbons
G. Smith
J. Baker
M. Forcucci
J. Penna
A. Dasilva Tella
C. Wheeler
A. Floro
H. Heer
C. Betts
C. Sturtz
T. Thesing
A. Martino
J. Netzband
M. Seaman
J. Sabers
P. Miller
T. Whitney
S. Ald

Appendix - A

Figures



Notes:

EPA Method 2860 VOC - Chlorinated Compounds Only

33 Litchfield Sreet
Rochester, NY
prepared for
DePaul Group, Inc.
1931 Buffalo Road
Rochester, NY

Basement Sub-Slab
Soil Sample Locations
Volatile Organic Compounds

SCALE
No Scale

0 60 120

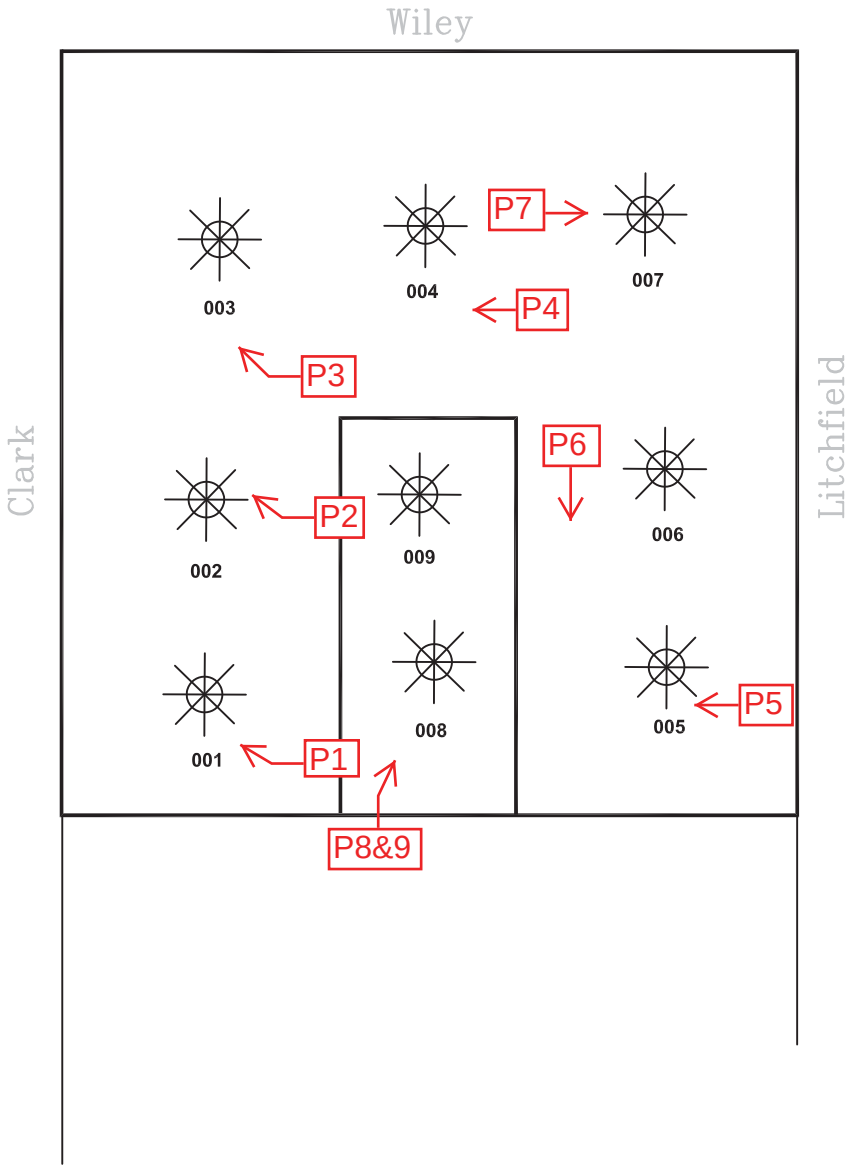
DECI Development & Environmental Consultants, Inc.

DRAWN BY	MWP	06/18/2012
CHECKED BY	MWP	06/18/2012
APPROVED BY		
REVISED		

DRAWING NUMBER FIGURE 1

Appendix - B

Photographic Documentation



Notes:

EPA Method 2860 VOC - Chlorinated Compounds Only

33 Litchfield Sreet
Rochester, NY

prepared for

DePaul Group, Inc.
1931 Buffalo Road
Rochester, NY

Photographic Orientation Key

SCALE
No Scale

0 60 120

DECI Development & Environmental Consultants, Inc.

DRAWN BY	MWP	06/18/2012
CHECKED BY	MWP	06/18/2012
APPROVED BY		
REVISED		

DRAWING NUMBER

Photographic Documentation

DePaul Group, Inc.	Sample Date: 06/05/12
33 Litchfield Street, Rochester, NY	Sampling Location -001

DePaul Group, Inc.	Sample Date: 06/05/12
33 Litchfield Street, Rochester, NY	Sampling Location - 002

Photographic Documentation

DePaul Group, Inc.	Sample Date: 06/05/12
33 Litchfield Street, Rochester, NY	Sampling Location - 003

DePaul Group, Inc.	Sample Date: 06/05/12
33 Litchfield Street, Rochester, NY	Sampling Location -004

Photographic Documentation

DePaul Group, Inc.	Sample Date: 06/08/12
33 Litchfield Street, Rochester, NY	Sampling Location - 005

DePaul Group, Inc.	Sample Date: 06/08/12
33 Litchfield Street, Rochester, NY	Sampling Location - 006

Photographic Documentation

DePaul Group, Inc.	06/17/12
33 Litchfield Street, Rochester, NY	Sampling Location - 007

DePaul Group, Inc.	06/17/12
33 Litchfield Street, Rochester, NY	Sampling Location - 008 & 009

Appendix - C

Laboratory Analytical Report

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

DECI

For Lab Project # 12:2362
Issued June 11, 2012
This report contains a total of 6 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

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"<" = analyzed for but not detected at or above the reporting limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	12:2362
		Lab Sample Number:	12:2362-01
Client Job Number:	N/A		
Field Location:	001 SW Corner	**Date Sampled:**	06/05/2012
Field ID Number:	N/A	**Date Received:**	06/05/2012
Sample Type:	Soil	**Date Analyzed:**	06/08/2012

Compound	Results in ug / Kg	Compound	Results in ug / Kg
Bromodichloromethane	< 9.93	1,1-Dichloroethene	< 9.93
Bromoform	< 24.8	cis-1,2-Dichloroethene	< 9.93
Bromomethane	< 9.93	trans-1,2-Dichloroethene	< 9.93
Carbon Tetrachloride	< 9.93	1,2-Dichloropropane	< 9.93
Chlorobenzene	< 9.93	cis-1,3-Dichloropropene	< 9.93
Chloroethane	< 9.93	trans-1,3-Dichloropropene	< 9.93
2-Chloroethyl vinyl Ether	< 49.7	Methylene chloride	< 24.8
Chloroform	< 9.93	1,1,2,2-Tetrachloroethane	< 9.93
Chloromethane	< 9.93	Tetrachloroethene	39.3
Dibromochloromethane	< 9.93	1,1,1-Trichloroethane	< 9.93
1,2-Dichlorobenzene	< 9.93	1,1,2-Trichloroethane	< 9.93
1,3-Dichlorobenzene	< 9.93	Trichloroethene	168
1,4-Dichlorobenzene	< 9.93	Trichlorofluoromethane	< 9.93
1,1-Dichloroethane	< 9.93	Vinyl chloride	< 9.93
1,2-Dichloroethane	< 9.93		

ELAP Number 10958 Method: EPA 8260B Data File: V97826.D

Comments: ug / Kg = microgram per Kilogram
Internal standard outliers indicate probable matrix interference

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: 002 W Center
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 12:2362
Lab Sample Number: 12:2362-02
Date Sampled: 06/05/2012
Date Received: 06/05/2012
Date Analyzed: 06/08/2012

Compound	Results in ug / Kg	Compound	Results in ug / Kg
Bromodichloromethane	< 9.01	1,1-Dichloroethene	< 9.01
Bromoform	< 22.5	cis-1,2-Dichloroethene	116
Bromomethane	< 9.01	trans-1,2-Dichloroethene	15.8
Carbon Tetrachloride	< 9.01	1,2-Dichloropropane	< 9.01
Chlorobenzene	< 9.01	cis-1,3-Dichloropropene	< 9.01
Chloroethane	< 9.01	trans-1,3-Dichloropropene	< 9.01
2-Chloroethyl vinyl Ether	< 45.1	Methylene chloride	< 22.5
Chloroform	< 9.01	1,1,2,2-Tetrachloroethane	< 9.01
Chloromethane	< 9.01	Tetrachloroethene	< 9.01
Dibromochloromethane	< 9.01	1,1,1-Trichloroethane	< 9.01
1,2-Dichlorobenzene	< 9.01	1,1,2-Trichloroethane	< 9.01
1,3-Dichlorobenzene	< 9.01	Trichloroethene	374
1,4-Dichlorobenzene	< 9.01	Trichlorofluoromethane	< 9.01
1,1-Dichloroethane	< 9.01	Vinyl chloride	< 9.01
1,2-Dichloroethane	< 9.01		

ELAP Number 10958 Method: EPA 8260B Data File: V97827.D

Comments: ug / Kg = microgram per Kilogram
Surrogate and internal standard outliers indicate probable matrix interference

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	12:2362
		Lab Sample Number:	12:2362-03
Client Job Number:	N/A		
Field Location:	003 NW Corner	**Date Sampled:**	06/05/2012
Field ID Number:	N/A	**Date Received:**	06/05/2012
Sample Type:	Soil	**Date Analyzed:**	06/08/2012

Compound	Results in ug / Kg	Compound	Results in ug / Kg
Bromodichloromethane	< 9.33	1,1-Dichloroethene	< 9.33
Bromoform	< 23.3	cis-1,2-Dichloroethene	97.2
Bromomethane	< 9.33	trans-1,2-Dichloroethene	14.4
Carbon Tetrachloride	< 9.33	1,2-Dichloropropane	< 9.33
Chlorobenzene	< 9.33	cis-1,3-Dichloropropene	< 9.33
Chloroethane	< 9.33	trans-1,3-Dichloropropene	< 9.33
2-Chloroethyl vinyl Ether	< 46.6	Methylene chloride	< 23.3
Chloroform	< 9.33	1,1,2,2-Tetrachloroethane	< 9.33
Chloromethane	< 9.33	Tetrachloroethene	44.2
Dibromochloromethane	< 9.33	1,1,1-Trichloroethane	< 9.33
1,2-Dichlorobenzene	< 9.33	1,1,2-Trichloroethane	< 9.33
1,3-Dichlorobenzene	< 9.33	Trichloroethene	153
1,4-Dichlorobenzene	< 9.33	Trichlorofluoromethane	< 9.33
1,1-Dichloroethane	< 9.33	Vinyl chloride	< 9.33
1,2-Dichloroethane	< 9.33		

ELAP Number 10958 Method: EPA 8260B Data File: V97828.D

Comments: ug / Kg = microgram per Kilogram
Surrogate and internal standard outliers indicate probable matrix interference

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: 004 North Center
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 12:2362
Lab Sample Number: 12:2362-04
Date Sampled: 06/05/2012
Date Received: 06/05/2012
Date Analyzed: 06/08/2012

Compound	Results in ug / Kg	Compound	Results in ug / Kg
Bromodichloromethane	< 9.05	1,1-Dichloroethene	< 9.05
Bromoform	< 22.6	cis-1,2-Dichloroethene	18.1
Bromomethane	< 9.05	trans-1,2-Dichloroethene	< 9.05
Carbon Tetrachloride	< 9.05	1,2-Dichloropropane	< 9.05
Chlorobenzene	< 9.05	cis-1,3-Dichloropropene	< 9.05
Chloroethane	< 9.05	trans-1,3-Dichloropropene	< 9.05
2-Chloroethyl vinyl Ether	< 45.3	Methylene chloride	< 22.6
Chloroform	< 9.05	1,1,2,2-Tetrachloroethane	< 9.05
Chloromethane	< 9.05	Tetrachloroethene	12.6
Dibromochloromethane	< 9.05	1,1,1-Trichloroethane	< 9.05
1,2-Dichlorobenzene	< 9.05	1,1,2-Trichloroethane	< 9.05
1,3-Dichlorobenzene	< 9.05	Trichloroethene	50.5
1,4-Dichlorobenzene	< 9.05	Trichlorofluoromethane	< 9.05
1,1-Dichloroethane	< 9.05	Vinyl chloride	< 9.05
1,2-Dichloroethane	< 9.05		

ELAP Number 10958 Method: EPA 8260B Data File: V97829.D

Comments: ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: DECI	COMPANY:	LAB PROJECT #: 12:2362 / CLIENT PROJECT #:
ADDRESS: 3178 Durham Road	ADDRESS:	
CITY: Hamburg STATE: NY ZIP: 14075	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)
PHONE: 716-639-5958 FAX:	PHONE: FAX:	☐1 ☐2 ☐3 ☒5 (STD) ☐ OTHER
ATTN: MW Puffpaff	ATTN:	
COMMENTS: Re: Email results to MWP [illegible]@D-E-C.com		QUOTE #:

PROJECT NAME/SITE NAME: 33 Litchfield

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260 Chlorinated only										REMARKS	PARADIGM LAB SAMPLE NUMBER
1	06/05/12	3:00p	X		001 SW Corner	Soil	1	✓											01
2	"	3:15p	X		002 W Center	Soil	1	✓											02
3	"	3:20p	X		003 NW Corner	Soil	1	✓											03
4	"	3:40p	X		004 North Center	Soil	1	✓											04
5																			
6																			
7																			
8																			
9																			
10																			

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type: Comments:	Y ☒	N ☐
Preservation: N/A Comments:	Y ☐	N ☐
Holding Time: Comments:	Y ☒	N ☐
Temperature: 22°C Comments:	Y ~~☒~~	N ~~☒~~ (6/5/12)

	Date/Time
Sampled By: [signature]	06/05/2012
Relinquished By: [signature]	06/05/2012
Received By: Jane J Paloma	6/5/2012 1640
Received @ Lab By: Elizabeth A Honck	6/5/12 1645

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

DECI

For Lab Project # 12:2432
Issued June 13, 2012
This report contains a total of 4 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"<" = analyzed for but not detected at or above the reporting limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: Carriage Factory
Client Job Number: N/A
Field Location: S. East Corner
Field ID Number: 005
Sample Type: Soil

Lab Project Number: 12:2432
Lab Sample Number: 12:2432-01
Date Sampled: 06/08/2012
Date Received: 06/08/2012
Date Analyzed: 06/13/2012

Compound	Results in ug / Kg	Compound	Results in ug / Kg
Bromodichloromethane	< 8.01	1,1-Dichloroethene	< 8.01
Bromoform	< 20.0	cis-1,2-Dichloroethene	< 8.01
Bromomethane	< 8.01	trans-1,2-Dichloroethene	< 8.01
Carbon Tetrachloride	< 8.01	1,2-Dichloropropane	< 8.01
Chlorobenzene	< 8.01	cis-1,3-Dichloropropene	< 8.01
Chloroethane	< 8.01	trans-1,3-Dichloropropene	< 8.01
2-Chloroethyl vinyl Ether	< 40.0	Methylene chloride	< 20.0
Chloroform	< 8.01	1,1,2,2-Tetrachloroethane	< 8.01
Chloromethane	< 8.01	Tetrachloroethene	18.5
Dibromochloromethane	< 8.01	1,1,1-Trichloroethane	< 8.01
1,2-Dichlorobenzene	< 8.01	1,1,2-Trichloroethane	< 8.01
1,3-Dichlorobenzene	< 8.01	Trichloroethene	< 8.01
1,4-Dichlorobenzene	< 8.01	Trichlorofluoromethane	< 8.01
1,1-Dichloroethane	< 8.01	Vinyl chloride	< 8.01
1,2-Dichloroethane	< 8.01		

ELAP Number 10958 Method: EPA 8260B Data File: V97946.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: Carriage Factory
Client Job Number: N/A
Field Location: S. East Corner North
Field ID Number: 006
Sample Type: Soil

Lab Project Number: 12:2432
Lab Sample Number: 12:2432-02
Date Sampled: 06/08/2012
Date Received: 06/08/2012
Date Analyzed: 06/13/2012

Compound	Results in ug / Kg	Compound	Results in ug / Kg
Bromodichloromethane	< 7.00	1,1-Dichloroethene	< 7.00
Bromoform	< 17.5	cis-1,2-Dichloroethene	< 7.00
Bromomethane	< 7.00	trans-1,2-Dichloroethene	< 7.00
Carbon Tetrachloride	< 7.00	1,2-Dichloropropane	< 7.00
Chlorobenzene	< 7.00	cis-1,3-Dichloropropene	< 7.00
Chloroethane	< 7.00	trans-1,3-Dichloropropene	< 7.00
2-Chloroethyl vinyl Ether	< 35.0	Methylene chloride	< 17.5
Chloroform	< 7.00	1,1,2,2-Tetrachloroethane	< 7.00
Chloromethane	< 7.00	Tetrachloroethene	17.2
Dibromochloromethane	< 7.00	1,1,1-Trichloroethane	< 7.00
1,2-Dichlorobenzene	< 7.00	1,1,2-Trichloroethane	< 7.00
1,3-Dichlorobenzene	< 7.00	Trichloroethene	< 7.00
1,4-Dichlorobenzene	< 7.00	Trichlorofluoromethane	< 7.00
1,1-Dichloroethane	< 7.00	Vinyl chloride	< 7.00
1,2-Dichloroethane	< 7.00		

ELAP Number 10958 Method: EPA 8260B Data File: V97947.D

Comments: ug / Kg = microgram per Kilogram
Surrogate outliers indicate probable matrix interference

Signature:

Bruce Hoogesteger: Technical Director

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:			
COMPANY: DIECI		COMPANY: Same		LAB PROJECT #: 12:2432	CLIENT PROJECT #:
ADDRESS: 3178 DURHAM RD		ADDRESS:			
CITY: HAMBURG STATE: NY ZIP: 14075		CITY: Same STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS)	
PHONE: 716-639-5958 FAX:		PHONE: FAX:		STD	OTHER
PROJECT NAME/SITE NAME:	ATTN: Polyak	ATTN:		☐ 1 ☐ 2 ☒ 3 ☐ 5	☐
	COMMENTS: RE EMAIL TO MWP@D-E-C.COM			Quotation #	

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260 VOC Aromatics Only								REMARKS	PARADIGM LAB SAMPLE NUMBER
	mp Empire Brewery																
1	06/08/12	3:50	X		S. EAST CORNER	SOIL	2	✓								005	01
2	"	4:10	X		" " "	Water	1	✓								006	02
3																(per labels) EAH 6/8	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☒	N ☐
Comments:		
Preservation: N/A	Y ☐	N ☐
Comments:		
Holding Time:	Y ☒	N ☐
Comments:		
Temperature: 23°C	Y ☐	N ☒
Comments:		

Sampled By	06/08/12 4:00 pm Date/Time	Total Cost:
Relinquished By	06/08/12 Date/Time	
Received By	6/8/12 1680 Date/Time	P.I.F.
Received @ Lab By Elizabeth A Honcharik	6/8/12 1655 Date/Time	

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

DECI

For Lab Project # 12:2524
Issued June 15, 2012
This report contains a total of 4 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"<" = analyzed for but not detected at or above the reporting limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield St.
Client Job Number: N/A
Field Location: N. East Corner
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 12:2524
Lab Sample Number: 12:2524-01
Date Sampled: 06/14/2012
Date Received: 06/14/2012
Date Analyzed: 06/14/2012

Compound	Results in ug / Kg	Compound	Results in ug / Kg
Bromodichloromethane	< 9.72	1,1-Dichloroethene	< 9.72
Bromoform	< 24.3	cis-1,2-Dichloroethene	< 9.72
Bromomethane	< 9.72	trans-1,2-Dichloroethene	< 9.72
Carbon Tetrachloride	< 9.72	1,2-Dichloropropane	< 9.72
Chlorobenzene	< 9.72	cis-1,3-Dichloropropene	< 9.72
Chloroethane	< 9.72	trans-1,3-Dichloropropene	< 9.72
2-Chloroethyl vinyl Ether	< 48.6	Methylene chloride	< 24.3
Chloroform	< 9.72	1,1,2,2-Tetrachloroethane	< 9.72
Chloromethane	< 9.72	Tetrachloroethene	10.4
Dibromochloromethane	< 9.72	1,1,1-Trichloroethane	< 9.72
1,2-Dichlorobenzene	< 9.72	1,1,2-Trichloroethane	< 9.72
1,3-Dichlorobenzene	< 9.72	Trichloroethene	< 9.72
1,4-Dichlorobenzene	< 9.72	Trichlorofluoromethane	< 9.72
1,1-Dichloroethane	< 9.72	Vinyl chloride	< 9.72
1,2-Dichloroethane	< 9.72		

ELAP Number 10958 Method: EPA 8260B Data File: V98018.D

Comments: ug / Kg = microgram per Kilogram
Surrogate outliers indicate probable matrix interference

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: DECI	COMPANY:	LAB PROJECT #: 12:2524 / CLIENT PROJECT #:
ADDRESS: 318 DURHAM RD	ADDRESS:	
CITY: HAMBURG STATE: NY ZIP: 14075	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)
PHONE: 716-639-5958 FAX:	PHONE: FAX:	STD / OTHER
PROJECT NAME/SITE NAME: 33 Litchfield St	ATTN: ROPAFF	[X] 1 [ ] 2 [ ] 3 [ ] 5 [ ]
	COMMENTS: Re Email Results TO MWPDQ1@D-E-C.COM	QUOTE #:

CP per MP/gp 6-15-12

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS											REMARKS	PARADIGM LAB SAMPLE NUMBER
	06/14/12							X 8260 VOC	Chain of Custody										
1	"	1105p	X		NEAST Corner	Soil	1	X											01
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

****LAB USE ONLY BELOW THIS LINE****

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type: Comments:	Y [ ]	N [ ]
Preservation: Comments: see p. 2	Y [ ]	N [ ]
Holding Time: Comments:	Y [ ]	N [ ]
Temperature: Comments: 23°C	Y [ ]	N [ ]

Sampled By	06/14/12	Date/Time
Relinquished By	06/14/12	Date/Time
Received By	6/14/12 1330	Date/Time
Received @ Lab By	6/14/12 1400	Date/Time

Total Cost:

P.I.F.

Chain of Custody Supplement

Client: 12:2324

Lab Project ID: DECI

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation			X
Comments			
Chlorine Absent (<0.05 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature		X	
Comments	23°C		
Sufficient Sample Quantity	X		
Comments			

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

DECI

For Lab Project # 12:2593
Issued June 20, 2012
This report contains a total of 5 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

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Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"<" = analyzed for but not detected at or above the reporting limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	Carriage Factory 33 Litchfield St.	**Lab Project Number:**	12:2593
		Lab Sample Number:	12:2593-01
Client Job Number:	N/A		
Field Location:	008	**Date Sampled:**	06/17/2012
Field ID Number:	N/A	**Date Received:**	06/19/2012
Sample Type:	Soil	**Date Analyzed:**	06/19/2012

Compound	Results in ug / Kg	Compound	Results in ug / Kg
Bromodichloromethane	< 7.85	1,1-Dichloroethene	< 7.85
Bromoform	< 19.6	cis-1,2-Dichloroethene	< 7.85
Bromomethane	< 7.85	trans-1,2-Dichloroethene	< 7.85
Carbon Tetrachloride	< 7.85	1,2-Dichloropropane	< 7.85
Chlorobenzene	< 7.85	cis-1,3-Dichloropropene	< 7.85
Chloroethane	< 7.85	trans-1,3-Dichloropropene	< 7.85
2-Chloroethyl vinyl Ether	< 39.3	Methylene chloride	< 19.6
Chloroform	< 7.85	1,1,2,2-Tetrachloroethane	< 7.85
Chloromethane	< 7.85	Tetrachloroethene	32.2
Dibromochloromethane	< 7.85	1,1,1-Trichloroethane	< 7.85
1,2-Dichlorobenzene	< 7.85	1,1,2-Trichloroethane	< 7.85
1,3-Dichlorobenzene	< 7.85	Trichloroethene	< 7.85
1,4-Dichlorobenzene	< 7.85	Trichlorofluoromethane	< 7.85
1,1-Dichloroethane	< 7.85	Vinyl chloride	< 7.85
1,2-Dichloroethane	< 7.85		

ELAP Number 10958 Method: EPA 8260B Data File: V98134.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	Carriage Factory 33 Litchfield St.	**Lab Project Number:**	12:2593
		Lab Sample Number:	12:2593-02
Client Job Number:	N/A		
Field Location:	009	**Date Sampled:**	06/17/2012
Field ID Number:	N/A	**Date Received:**	06/19/2012
Sample Type:	Soil	**Date Analyzed:**	06/19/2012

Compound	Results in ug / Kg	Compound	Results in ug / Kg
Bromodichloromethane	< 7.92	1,1-Dichloroethene	< 7.92
Bromoform	< 19.8	cis-1,2-Dichloroethene	< 7.92
Bromomethane	< 7.92	trans-1,2-Dichloroethene	< 7.92
Carbon Tetrachloride	< 7.92	1,2-Dichloropropane	< 7.92
Chlorobenzene	< 7.92	cis-1,3-Dichloropropene	< 7.92
Chloroethane	< 7.92	trans-1,3-Dichloropropene	< 7.92
2-Chloroethyl vinyl Ether	< 39.6	Methylene chloride	< 19.8
Chloroform	< 7.92	1,1,2,2-Tetrachloroethane	< 7.92
Chloromethane	< 7.92	Tetrachloroethene	132
Dibromochloromethane	< 7.92	1,1,1-Trichloroethane	< 7.92
1,2-Dichlorobenzene	< 7.92	1,1,2-Trichloroethane	< 7.92
1,3-Dichlorobenzene	< 7.92	Trichloroethene	< 7.92
1,4-Dichlorobenzene	< 7.92	Trichlorofluoromethane	< 7.92
1,1-Dichloroethane	< 7.92	Vinyl chloride	< 7.92
1,2-Dichloroethane	< 7.92		

ELAP Number 10958 Method: EPA 8260B Data File: V98135.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: DECF	COMPANY:	LAB PROJECT #: 12:2593 / CLIENT PROJECT #:
ADDRESS: 3178 Durham Road	ADDRESS:	
CITY: Hamburg STATE: NY ZIP: 14075	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)
PHONE: 716-639-5958 FAX:	PHONE: FAX:	STD ☒ 1 ☐ 2 ☐ 3 ☐ 5 OTHER ☐
PROJECT NAME/SITE NAME: Carriage Factory 33 Litchfield St	ATTN: Prepaff	ATTN:
COMMENTS: Re: Remair Results to MWP@D-E-C.com		

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260 VOC Chlorinated Only	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	06/17/12	14:25	X		008	Soil	1	✓		01
2	"	14:30	X		009	"	1	✓		02
3										
4										
5										
6										
7										
8										
9										
10										

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation: CONTAINER TYPE: ☐ PRESERVATIONS: ☐ HOLDING TIME: ☐ TEMPERATURE: ☐

See p. 2

5°C iced temp blk

Sampled By:	Date/Time: 06/17/12	Relinquished By:	Date/Time:
Relinquished By:	Date/Time: 06/18/12	Received By:	Date/Time:
Received By:	Date/Time: 06/18/12	Received @ Lab By: Elizabeth A Honch	Date/Time: 6/19/12 1235

Total Cost:

P.I.F.

Chain of Custody Supplement

Client: DEC I

Lab Project ID: ~~67~~ 12:2593

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	*NELAC compliance with the sample condition requirements upon receipt* Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation			X
Comments			
Chlorine Absent (<0.05 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		
Comments	5°C iced from temp blk		
Sufficient Sample Quantity	X		
Comments			

Development &
Environmental
Consultants, Inc.

3178 Durham Road
Hamburg, NY 14075

17 August 2012

Ms. Gillian Conde
DePaul, Inc.
1931 Buffalo Avenue
Rochester, NY 14624

Re: **Carriage Factory Special Needs Apartments**
Sump Soil-Water Sampling
SHARS Number: 20116060

Dear Ms. Conde:

The following are our findings of the soil and sediment investigation of the sump structure, located in the basements northwest corner of the above referenced location. A Site location drawing is presented in Appendix A, Figures, Figure-1, Location.

1.0 BACKGROUND

On 26 July 2012 during final raking and grading of the basement soils, a concrete sump was discovered in the northeast corner of the building by the demolition contractor. The sump is a poured concrete structure approximately 6' x 8' feet in area and 3 to 3.5' in depth, sitting on what appears to be the apparent bedrock. The structure is planned for removal once the project advances to closing. A drawing of the sump structure is provided in Appendix A, Figure-2, Sump-Sample Locations. Photographs are provided in Appendix B, Photographic Documentation.

Upon discovery, Empire Building Diagnostics (environmental contractor) excavated along the northern and southern walls of the sump, and removed dirt fill in the center of the sump to the water and sediment interface for preliminary assessment.

DECI's preliminary assessment of the sump was conducted on the 27th. Our findings determined a small amount of water and sediments accumulated in the bottom of the sump once soils were removed. The preliminary assessment of the northern and southern excavations, did not find impacted materials by visual and olfactory field screening methods. Further investigation was recommended. A work plan was submitted to Mr. Bart Putzig, NYSDEC on August 1, 2012. The plan called for additional excavation around the four walls, sampling of the walls and sampling of accumulated sediments and water in the bottom of the sump. In addition, unofficial elevations were included of the bedrock around the sump tank, and the bottom of the tank.

2.0 FIELD ACTIVITIES

DECI conducted the investigation on August 2nd. Representatives of Empire Building Diagnostics (EBD) provided the excavation services, Mr. Jim Sabers of Crista Construction provided the elevation

measurements, and the writer, field observations and sampling.

EBD excavated an approximate 18" wide trench exposing the sumps four walls. The depth of the trench extended to the point of refusal, bedrock. Elevations were derived from the top of the sump box, inside floor of the tank, and spot elevations at the top of rock of the four (4) excavations floor's around the sump structure. The following table represents the elevations.

SUMP ELEVATIONS	
Elevation Location	**Elevation**
North	513.30
South	513.75
East	513.73
West	513.73
Top Of Sump (NW Corner)	516.15
Sump Floor	513.27

3.0 FIELD OBSERVATIONS

Once exposed, the sump was observed to been poured in-place when built.

The tank water appeared brackish, sediments appeared black as if oil impacted. Both sediment and water observations presented an unidentifiable odor. The odor did not represent characteristics typically associated or consistent with that of Volatile or Semi-Volatile Organic compound impacts. Post sediment sampling, the center of the tank was hand shoveled to determine the structural makeup of the sump floor. The floor was observed as a two level poured concrete structure.

Soils along the north, south and west walls of the tank did not present observations of impact. Soils along the western wall presented observations of potential impacts similar to those found in the sump sediment findings, discussed above.

4.0 SAMPLING

The writer acquired the sump water sample prior to any sediment disturbance. Sediments were sampled second and the excavation samples last. The sump wall samples were acquired from native soils at the interface of the sump box and bedrock.

All samples were prepared and transported to Paradigm Environmental Services, Inc. (ELAP No. 10958), located in Rochester, NY. Samples were kept at a temperature of 4° C during transportation. Chain of custody protocol was followed.

5.0 LABORATORY ANALYSES

One (1) water sample was submitted for Analysis by EPA Methods:

8270 Semi-Volatile Organic Compounds (SVOC) Total Compound List (TCL).
8260 Volatile Organic Compounds (SVOC) Total Compound List (TCL).

3050/6010/7471Metals - Total Analyte List (TAL).

Six (6) soil samples were submitted for Analysis by EPA Methods:

8270 Semi-Volatile Organic Compounds (SVOC) Total Compound List (TCL)
8260 Volatile Organic Compounds (SVOC) Total Compound List (TCL)
3050/6010/7471Metals - Total Analyte List (TAL)

6.0 ANALYTICAL FINDINGS

The laboratory results for VOC and SVOC's returned non-detect for all constituents. VOC's for all samples contained trace concentrations of the analyte Acetone as noted in the method blank.

6.1 Metals - Soils

Metals in the soil and sediment samples presented analytes above Part 375-6.8(b) and CP-51 guidance values. The following table compares the soil sample findings, results are in Milligrams Per Kilogram (mg/kg) or Parts Per Million (ppm) to NYSDEC Part 375 and/or CP-51 Recommend Soil Cleanup Objectives (SCO) for Unrestricted, Residential, Restricted Residential Reuse, and Protection of Ecological Resources and Groundwater. Concentrations in Bold exceed NYSDEC guidance.

METALS SUMP - (ppm)											
Contaminant	**Unrestricted 375-6.8(a)**	**Residential 375-6.8(b)/ CP-51**	**Restricted Residential 375-6.8(b)/ CP-51**	**Protection of Ecological Resources 375-6.8(b)/ CP-51**	**Protection of Ground-water 375-6.8(b)/ CP-51**	**North Wall**	**South Wall**	**East Wall**	**West Wall**	**Sediment 01-1**	**Sediment 01-2**
* Aluminum	NS	16	16	10,000	NS	**2,990**	**4,490**	**3,110**	**3,180**	**1,440**	**1,550**
* Antimony	NS	350	400	12	NS	-	-	-	-	-	-
Arsenic	13	14	72	13	16	1.51	2.43	1.73	2.18	2.60	2.60
Barium	350	2.5	4.3	433	820	22.7	37.9	24.0	22.7	32.2	17.5
Beryllium	7.2	NS	NS	10	47	-	-	-	-	-	-
Cadmium	2.5	30	NS	4	7.5	-	-	-	-	-	-
Calcium	NS	270	270	10,000	NS	**35,500**	**48,800**	**60,700**	**51,000**	**8,050**	**10,800**
Chromium	NS	2,000	NS	NS	NS	4.75	6.03	5.06	5.69	7.71	4.44
* Cobalt	NS	400	400	20	NS	-	-	-	-	-	-
Copper	50	2,000	2,000	50	1,720	7.76	15.9	6.93	13.9	**102**	**105**
* Iron	NS	0.81	0.81	2,000	NS	**7,760**	**8,600**	**8,510**	**9,740**	**10,100**	**15,100**
Lead	63	140	310	63	450	7.17	27.2	6.76	8.30	**219**	**61.7**
Manganese	1,600	2,000	2,000	1,600	2,000	274	326	355	423	1,320	112

METALS SUMP - (ppm)											
Contaminant	**Unrestricted 375-6.8(a)**	**Residential 375-6.8(b)/ CP-51**	**Restricted Residential 375-6.8(b)/ CP-51**	**Protection of Ecological Resources 375-6.8(b)/ CP-51**	**Protection of Ground-water 375-6.8(b)/ CP-51**	**North Wall**	**South Wall**	**East Wall**	**West Wall**	**Sediment 01-1**	**Sediment 01-2**
Mercury(T)	0.18	36	180	0.18	0.73	-	0.0197	-	0.236	-	0.0134
Nickel	30	100	NS	30	130	26.1	6.99	6.77	12.0	28.5	13.4
Selenium	3.9	2,200	10,000	3.9	4	-	-	-	-	-	-
Silver	2	NS	NS	2	8.3	2.0	-	-	-	-	-
* Thallium	NS	NS	NS	5	NS	-	-	-	-	-	-
* Vanadium	NS	NS	NS	39	NS	15.7	11.8	11.6	20.2	3.60	-
Zinc	109	NS	NS	109	2,480	**508**	30.6	33.4	92.6	**180**	**122**

NOTES:
1. (*) = CP-51 Compounds.
2. (-) = Less than laboratory detection limits, (NA) = No Standard established.
3. Concentrations are expressed in parts per million (ppm).
4. Soil samples were collected on August 2, 2010, by DECI and analyzed by Paradigm Environmental Services, Rochester, NY. See Appendix B for Laboratory Analytical Report.
5. Concentrations in BOLD font exceed NYSDEC Part 375 and/or CP-51 Recommend Cleanup Objectives for Unrestricted, Residential, Restricted Residential Reuse, and Protection of Ecological Resources and Groundwater.
6. E = Result estimated, equipment calibration limits exceeded.
7. M = Matrix spike recoveries outside QC limits. Matrix bias indicated.

Aluminum exceeds SOC's for Unrestricted, Residential and Restricted Residential Reuse. SCO's are within Protection of Ecological Resources guidance. No standard is established for Protection of Groundwater.

Calcium exceeds SCO's for all reuse guidance values.

Iron exceeds SCO's for all reuse guidance values.

Zinc SCO's exceed Unrestricted, Residential and Restricted Residential Reuse guidance in the North Wall and Sediment samples. All Zinc sample SCO's are within Protection of Groundwater and Ecological Resources guidance.

6.2 Metals - Sump Water

The sump water sample analysis returned all analytes within TOGS 1.1.1, Groundwater Drinking Water Standards, or TOGS established Guidance Values. The following table presents the findings of the sump water metals analytical results. Results are reported in Micro Grams Per Liter (ug/L) or Parts Per Billion (ppb).

METALS - SUMP WATER -(ppb)		
Contaminant	**TOGS 1.1.1 Groundwater/Guidance**	**North Wall**
Aluminum	100	1.65
Antimony	3	-

METALS - SUMP WATER -(ppb)		
Contaminant	**TOGS 1.1.1 Groundwater/Guidance**	**North Wall**
Arsenic	25	0.011
Barium	1,000	0.224
Beryllium	3	-
Cadmium	5	-
Chromium	50	0.021
Cobalt	5	-
Copper	200	0.184
Iron	300	23.7
Lead	25	0.308
Manganese	300	400
Mercury	0.7	-
Nickel	100	0.115
Selenium	10	-
Silver	50	-
Thallium	0.05	-
Vanadium	14	-
Zinc	2,000	0.400

NOTES:
1. (-) = Less than laboratory detection limits.
2. Concentrations are expressed in parts per billion (ppb).
3. Soil samples were collected on August 2, 2010, by DECI and analyzed by Paradigm Environmental Services, Rochester, NY . See Appendix B for Laboratory Analytical Report.
4. Concentrations in BOLD font exceed NYSDEC - TOGS .1.1.1 Guidance Values.

A copy of the laboratory analytical report is attached as Appendix B, Laboratory Report.

7.0 CONCLUSIONS

The conclusions drawn from this investigation indicate the sump does not present a Recognized Environmental Impact for Volatile and Semi-Volitile Organic Compounds. Metals exceed various guidance values for unrestricted, residential and restricted residential reuse in the indigenous soils and the sediment samples.

Water is not detect for Volatile and Semi-Volatile Organic Compounds. Metals are within TOGS 1.1.1 recommenced Guidance.

Removal of the materials in the assigned areas will not pose a potential for human health and/or environmental exposures to the proposed development.

Should you have any further requirements, please advise us at your earliest convenience at (716) 639-5958.

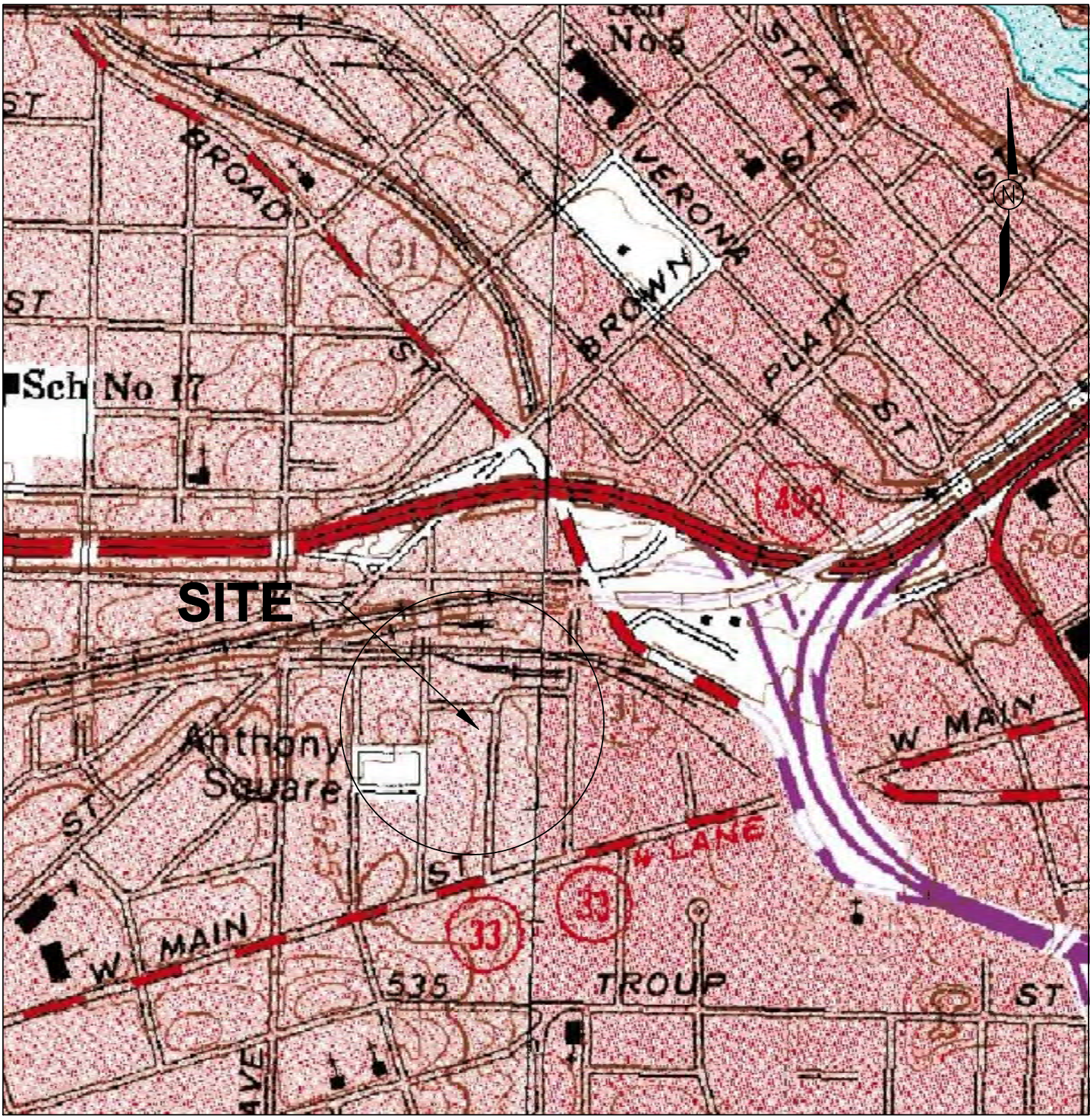
Thank you for your consideration.

Sincerely,

Michael W. Pufpaff
Development & Environmental Consultants, Inc.

Appendix - A

Figures



33 Litchfield Sreet
Rochester, NY

prepared for

DePaul Group, Inc.
1931 Buffalo Road
Rochester, NY

FIGURE 1
Location

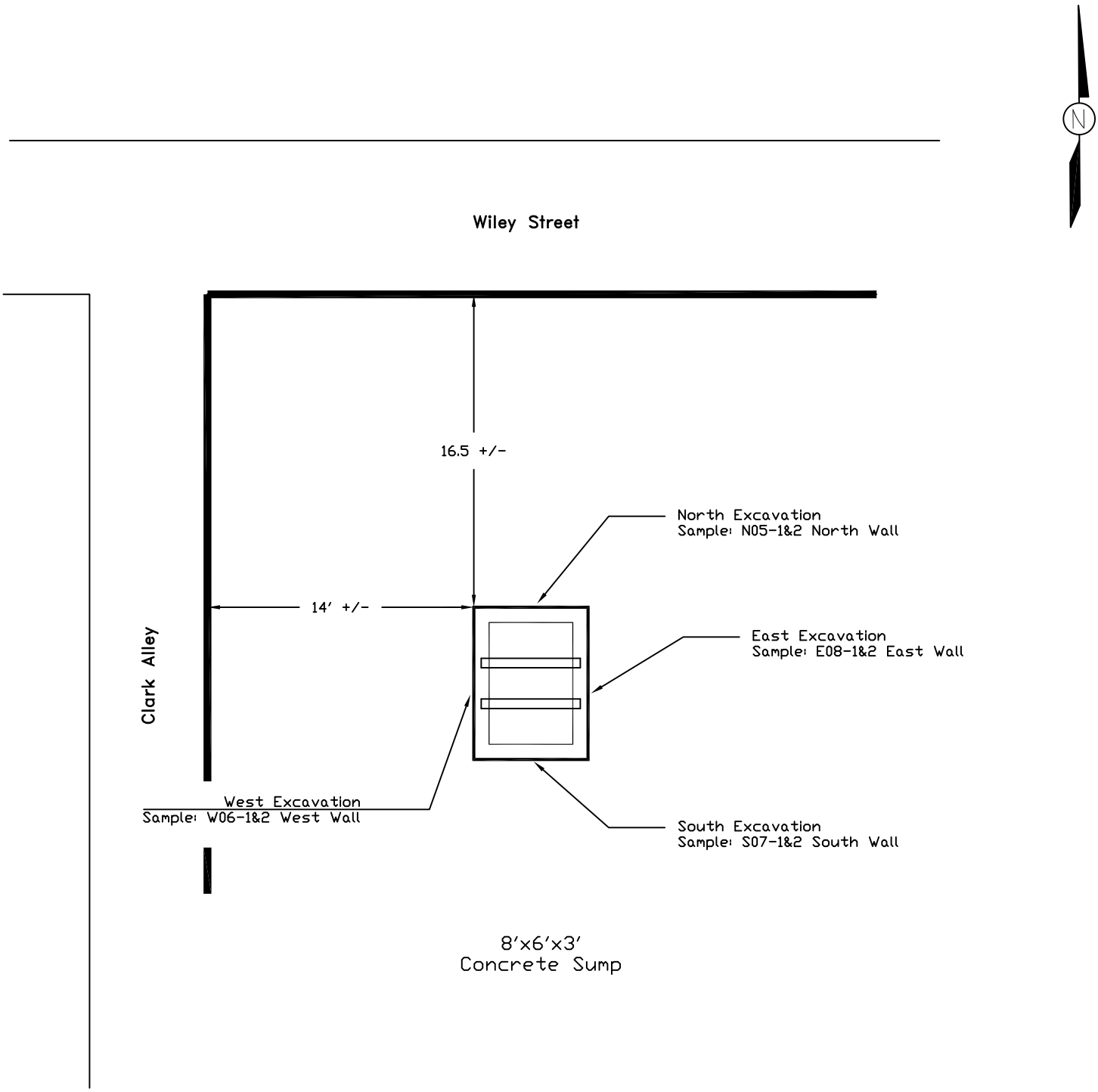
SCALE
No Scale

0 60 120

DECI Development & Environmental Consultants, Inc.

DRAWN BY	MWP	08/27/2010
CHECKED BY	MWP	08/28/2010
APPROVED BY		
REVISED		

DRAWING NUMBER FIGURE 1



33 Litchfield Sreet
Rochester, NY
prepared for
DePaul Group, Inc.
1931 Buffalo Road
Rochester, NY

FIGURE 2
Sump - Sample Locations

SCALE
No Scale

0 60 120

DECI Development & Environmental Consultants, Inc.

DRAWN BY	MWP	07/27/2012
CHECKED BY	MWP	07/27/2012
APPROVED BY		
REVISED	MWP	08/20/2012

DRAWING NUMBER FIGURE 2

Appendix - B

Photographic Documentation

Photographic Documentation

DePaul Group, Inc.	07/26/2012
33 Litchfield Street, Rochester, NY	P-1 Viewing Northwest - Northwest Bsmt. Corner

DePaul Group, Inc.	07/26/2012
33 Litchfield Street, Rochester, NY	P-2 Viewing North

Photographic Documentation

DePaul Group, Inc.	07/26/2012
33 Litchfield Street, Rochester, NY	P-3 Viewing - Sump Water and Sediment

DePaul Group, Inc.	07/26/2012
33 Litchfield Street, Rochester, NY	P-4 North and South Preliminary Excavations

Photographic Documentation

DePaul Group, Inc.	07/26/2012
33 Litchfield Street, Rochester, NY	P-5 North Excavation

DePaul Group, Inc.	07/26/2012
33 Litchfield Street, Rochester, NY	P-6 South Excavation

Photographic Documentation

DePaul Group, Inc.	08/02/2012
33 Litchfield Street, Rochester, NY	P-7 Sump Bottom

DePaul Group, Inc.	08/02/2012
33 Litchfield Street, Rochester, NY	P-8 Sump Sediments

Photographic Documentation

DePaul Group, Inc.	08/02/2012
33 Litchfield Street, Rochester, NY	P-9 West Excavation

DePaul Group, Inc.	08/02/2012
33 Litchfield Street, Rochester, NY	P-10 South Excavation

Appendix - C

Laboratory Report

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

DECI

For Lab Project # 12:3240
Issued August 9, 2012
This report contains a total of 27 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report or are noted below.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"<" = analyzed for but not detected at or above the reporting limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: 01-1 Sediment Tank
Field ID No.: N/A

Lab Project No.: 12:3240
Lab Sample No.: 12:3240-01

Sample Type: Soil

Date Sampled: 08/02/2012
Date Received: 08/02/2012

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	08/09/2012	SW846 3050/6010	1440
Antimony	08/09/2012	SW846 3050/6010	< 7.46
Arsenic	08/09/2012	SW846 3050/6010	2.60
Barium	08/09/2012	SW846 3050/6010	32.2
Beryllium	08/09/2012	SW846 3050/6010	< 0.622
Cadmium	08/09/2012	SW846 3050/6010	< 0.622
Calcium	08/09/2012	SW846 3050/6010	8050
Chromium	08/09/2012	SW846 3050/6010	7.71
Cobalt	08/09/2012	SW846 3050/6010	< 6.22
Copper	08/09/2012	SW846 3050/6010	102
Iron	08/09/2012	SW846 3050/6010	10100
Lead	08/09/2012	SW846 3050/6010	219
Magnesium	08/09/2012	SW846 3050/6010	1320
Manganese	08/09/2012	SW846 3050/6010	95.5
Mercury	08/08/2012	SW846 7471	< 0.0102
Nickel	08/09/2012	SW846 3050/6010	28.5
Potassium	08/09/2012	SW846 3050/6010	< 310
Selenium	08/09/2012	SW846 3050/6010	< 1.24
Silver	08/09/2012	SW846 3050/6010	< 1.24
Sodium	08/09/2012	SW846 3050/6010	< 310
Thallium	08/09/2012	SW846 3050/6010	< 3.10
Vanadium	08/09/2012	SW846 3050/6010	3.60
Zinc	08/09/2012	SW846 3050/6010	180

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

File ID:12-3240.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: 01-2 Sediment Tank
Field ID No.: N/A

Lab Project No.: 12:3240
Lab Sample No.: 12:3240-02

Sample Type: Soil

Date Sampled: 08/02/2012
Date Received: 08/02/2012

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	08/09/2012	SW846 3050/6010	1550
Antimony	08/09/2012	SW846 3050/6010	< 7.31
Arsenic	08/09/2012	SW846 3050/6010	2.60
Barium	08/09/2012	SW846 3050/6010	17.5
Beryllium	08/09/2012	SW846 3050/6010	< 0.609
Cadmium	08/09/2012	SW846 3050/6010	< 0.609
Calcium	08/09/2012	SW846 3050/6010	10800
Chromium	08/09/2012	SW846 3050/6010	4.44
Cobalt	08/09/2012	SW846 3050/6010	< 6.09
Copper	08/09/2012	SW846 3050/6010	105
Iron	08/09/2012	SW846 3050/6010	15100
Lead	08/09/2012	SW846 3050/6010	61.7
Magnesium	08/09/2012	SW846 3050/6010	2870
Manganese	08/09/2012	SW846 3050/6010	112
Mercury	08/08/2012	SW846 7471	0.0314
Nickel	08/09/2012	SW846 3050/6010	13.4
Potassium	08/09/2012	SW846 3050/6010	< 305
Selenium	08/09/2012	SW846 3050/6010	< 1.22
Silver	08/09/2012	SW846 3050/6010	< 1.22
Sodium	08/09/2012	SW846 3050/6010	< 305
Thallium	08/09/2012	SW846 3050/6010	< 3.05
Vanadium	08/09/2012	SW846 3050/6010	< 3.05
Zinc	08/09/2012	SW846 3050/6010	122

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR TAL METALS ANALYSIS IN WATERS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: 03- Water Tank
Field ID No.: N/A

Lab Project No.: 12:3240
Lab Sample No.: 12:3240-04

Sample Type: Water

Date Sampled: 08/02/2012
Date Received: 08/02/2012

Parameter	Date Analyzed	Analytical Method	Result (mg/L)
Aluminum	08/08/2012	SW846 3005/6010	1.65
Antimony	08/08/2012	SW846 3005/6010	< 0.060
Arsenic	08/08/2012	SW846 3005/6010	0.011
Barium	08/08/2012	SW846 3005/6010	0.224
Beryllium	08/08/2012	SW846 3005/6010	< 0.005
Cadmium	08/08/2012	SW846 3005/6010	< 0.005
Calcium	08/09/2012	SW846 3005/6010	253
Chromium	08/08/2012	SW846 3005/6010	0.021
Cobalt	08/08/2012	SW846 3005/6010	< 0.050
Copper	08/08/2012	SW846 3005/6010	0.184
Iron	08/09/2012	SW846 3005/6010	23.7
Lead	08/08/2012	SW846 3005/6010	0.308
Magnesium	08/08/2012	SW846 3005/6010	41.6
Manganese	08/08/2012	SW846 3005/6010	0.981
Mercury	08/08/2012	SW846 7470	< 0.0002
Nickel	08/08/2012	SW846 3005/6010	0.115
Potassium	08/08/2012	SW846 3005/6010	66.0
Selenium	08/08/2012	SW846 3005/6010	< 0.010
Silver	08/08/2012	SW846 3005/6010	< 0.010
Sodium	08/08/2012	SW846 3005/6010	78.3
Thallium	08/08/2012	SW846 3005/6010	< 0.025
Vanadium	08/08/2012	SW846 3005/6010	< 0.025
Zinc	08/08/2012	SW846 3005/6010	0.400

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

File ID:12-3240.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: N05-1&2 North Wall
Field ID No.: N/A

Lab Project No.: 12:3240
Lab Sample No.: 12:3240-06

Sample Type: Soil

Date Sampled: 08/02/2012
Date Received: 08/02/2012

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	08/09/2012	SW846 3050/6010	2990
Antimony	08/09/2012	SW846 3050/6010	< 7.14
Arsenic	08/09/2012	SW846 3050/6010	1.51
Barium	08/09/2012	SW846 3050/6010	22.7
Beryllium	08/09/2012	SW846 3050/6010	< 0.595
Cadmium	08/09/2012	SW846 3050/6010	< 0.595
Calcium	08/09/2012	SW846 3050/6010	35500
Chromium	08/09/2012	SW846 3050/6010	4.75
Cobalt	08/09/2012	SW846 3050/6010	< 5.95
Copper	08/09/2012	SW846 3050/6010	7.76
Iron	08/09/2012	SW846 3050/6010	7760
Lead	08/09/2012	SW846 3050/6010	7.17
Magnesium	08/09/2012	SW846 3050/6010	8510
Manganese	08/09/2012	SW846 3050/6010	274
Mercury	08/08/2012	SW846 7471	< 0.0098
Nickel	08/09/2012	SW846 3050/6010	5.57
Potassium	08/09/2012	SW846 3050/6010	834
Selenium	08/09/2012	SW846 3050/6010	< 1.19
Silver	08/09/2012	SW846 3050/6010	< 1.19
Sodium	08/09/2012	SW846 3050/6010	< 297
Thallium	08/09/2012	SW846 3050/6010	< 2.97
Vanadium	08/09/2012	SW846 3050/6010	10.7
Zinc	08/09/2012	SW846 3050/6010	33.2

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: W06-1&2 West Wall
Field ID No.: N/A

Lab Project No.: 12:3240
Lab Sample No.: 12:3240-07

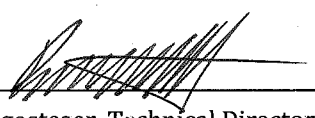
Sample Type: Soil

Date Sampled: 08/02/2012
Date Received: 08/02/2012

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	08/09/2012	SW846 3050/6010	3180
Antimony	08/09/2012	SW846 3050/6010	< 6.15
Arsenic	08/09/2012	SW846 3050/6010	2.18
Barium	08/09/2012	SW846 3050/6010	22.7
Beryllium	08/09/2012	SW846 3050/6010	< 0.512
Cadmium	08/09/2012	SW846 3050/6010	< 0.512
Calcium	08/09/2012	SW846 3050/6010	51000
Chromium	08/09/2012	SW846 3050/6010	5.69
Cobalt	08/09/2012	SW846 3050/6010	< 5.12
Copper	08/09/2012	SW846 3050/6010	13.9
Iron	08/09/2012	SW846 3050/6010	9740
Lead	08/09/2012	SW846 3050/6010	8.30
Magnesium	08/09/2012	SW846 3050/6010	10700
Manganese	08/09/2012	SW846 3050/6010	355
Mercury	08/08/2012	SW846 7471	< 0.0080
Nickel	08/09/2012	SW846 3050/6010	6.77
Potassium	08/09/2012	SW846 3050/6010	1040
Selenium	08/09/2012	SW846 3050/6010	< 1.02
Silver	08/09/2012	SW846 3050/6010	< 1.02
Sodium	08/09/2012	SW846 3050/6010	< 257
Thallium	08/09/2012	SW846 3050/6010	< 2.57
Vanadium	08/09/2012	SW846 3050/6010	11.6
Zinc	08/09/2012	SW846 3050/6010	33.4

ELAP ID No.:10958

Comments:

Approved By: 

Bruce Hoogesteger, Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: S07-1&2 South Wall
Field ID No.: N/A

Lab Project No.: 12:3240
Lab Sample No.: 12:3240-08

Sample Type: Soil

Date Sampled: 08/02/2012
Date Received: 08/02/2012

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	08/09/2012	SW846 3050/6010	4490
Antimony	08/09/2012	SW846 3050/6010	< 7.17
Arsenic	08/09/2012	SW846 3050/6010	2.43
Barium	08/09/2012	SW846 3050/6010	37.9
Beryllium	08/09/2012	SW846 3050/6010	< 0.598
Cadmium	08/09/2012	SW846 3050/6010	< 0.598
Calcium	08/09/2012	SW846 3050/6010	48800
Chromium	08/09/2012	SW846 3050/6010	6.03
Cobalt	08/09/2012	SW846 3050/6010	< 5.98
Copper	08/09/2012	SW846 3050/6010	15.9
Iron	08/09/2012	SW846 3050/6010	8600
Lead	08/09/2012	SW846 3050/6010	27.2
Magnesium	08/09/2012	SW846 3050/6010	8450
Manganese	08/09/2012	SW846 3050/6010	326
Mercury	08/08/2012	SW846 7471	0.0197
Nickel	08/09/2012	SW846 3050/6010	6.99
Potassium	08/09/2012	SW846 3050/6010	796
Selenium	08/09/2012	SW846 3050/6010	< 1.19
Silver	08/09/2012	SW846 3050/6010	< 1.19
Sodium	08/09/2012	SW846 3050/6010	< 298
Thallium	08/09/2012	SW846 3050/6010	< 2.98
Vanadium	08/09/2012	SW846 3050/6010	11.8
Zinc	08/09/2012	SW846 3050/6010	30.6

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: DECI

Client Job Site: 33 Litchfield

Client Job No.: N/A

Field Location: E08-1&2 East Wall
Field ID No.: N/A

Lab Project No.: 12:3240
Lab Sample No.: 12:3240-09

Sample Type: Soil

Date Sampled: 08/02/2012
Date Received: 08/02/2012

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	08/09/2012	SW846 3050/6010	3110
Antimony	08/09/2012	SW846 3050/6010	< 6.12
Arsenic	08/09/2012	SW846 3050/6010	1.73
Barium	08/09/2012	SW846 3050/6010	24.0
Beryllium	08/09/2012	SW846 3050/6010	< 0.511
Cadmium	08/09/2012	SW846 3050/6010	< 0.511
Calcium	08/09/2012	SW846 3050/6010	60700
Chromium	08/09/2012	SW846 3050/6010	5.06
Cobalt	08/09/2012	SW846 3050/6010	< 5.11
Copper	08/09/2012	SW846 3050/6010	6.93
Iron	08/09/2012	SW846 3050/6010	8510
Lead	08/09/2012	SW846 3050/6010	6.76
Magnesium	08/09/2012	SW846 3050/6010	13800
Manganese	08/09/2012	SW846 3050/6010	294
Mercury	08/08/2012	SW846 7471	< 0.0084
Nickel	08/09/2012	SW846 3050/6010	5.24
Potassium	08/09/2012	SW846 3050/6010	898
Selenium	08/09/2012	SW846 3050/6010	< 1.02
Silver	08/09/2012	SW846 3050/6010	< 1.02
Sodium	08/09/2012	SW846 3050/6010	< 255
Thallium	08/09/2012	SW846 3050/6010	< 2.55
Vanadium	08/09/2012	SW846 3050/6010	12.9
Zinc	08/09/2012	SW846 3050/6010	18.4

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

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File ID:12-3240.xls

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	12:3240
		Lab Sample Number:	12:3240-01
Client Job Number:	N/A		
Field Location:	01-1 Sediment Tank	**Date Sampled:**	08/02/2012
Field ID Number:	N/A	**Date Received:**	08/02/2012
Sample Type:	Soil	**Date Analyzed:**	08/07/2012

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 368	Dibenz (a,h) anthracene	< 368
Anthracene	< 368	Fluoranthene	< 368
Benzo (a) anthracene	< 368	Fluorene	< 368
Benzo (a) pyrene	< 368	Indeno (1,2,3-cd) pyrene	< 368
Benzo (b) fluoranthene	< 368	Naphthalene	< 368
Benzo (g,h,i) perylene	< 368	Phenanthrene	372
Benzo (k) fluoranthene	< 368	Pyrene	731
Chrysene	< 368	Acenaphthylene	< 368
Diethyl phthalate	< 368	1,2-Dichlorobenzene	< 368
Dimethyl phthalate	< 919	1,3-Dichlorobenzene	< 368
Butylbenzylphthalate	< 368	1,4-Dichlorobenzene	< 368
Di-n-butyl phthalate	< 368	1,2,4-Trichlorobenzene	< 368
Di-n-octylphthalate	< 368	Nitrobenzene	< 368
Bis (2-ethylhexyl) phthalate	< 368	2,4-Dinitrotoluene	< 368
2-Chloronaphthalene	< 368	2,6-Dinitrotoluene	< 368
Hexachlorobenzene	< 368	Bis (2-chloroethyl) ether	< 368
Hexachloroethane	< 368	Bis (2-chloroisopropyl) ether	< 368
Hexachlorocyclopentadiene	< 368	Bis (2-chloroethoxy) methane	< 368
Hexachlorobutadiene	< 368	4-Bromophenyl phenyl ether	< 368
N-Nitroso-di-n-propylamine	< 368	4-Chlorophenyl phenyl ether	< 368
N-Nitrosodiphenylamine	< 368	Benzidine	< 919
N-Nitrosodimethylamine	< 368	3,3'-Dichlorobenzidine	< 368
Isophorone	< 368	4-Chloroaniline	< 368
Benzyl alcohol	< 919	2-Nitroaniline	< 919
Dibenzofuran	< 368	3-Nitroaniline	< 919
2-Methylnapthalene	< 368	4-Nitroaniline	< 919

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 368	2-Methylphenol	< 368
2-Chlorophenol	< 368	3&4-Methylphenol	< 368
2,4-Dichlorophenol	< 368	2,4-Dimethylphenol	< 368
2,6-Dichlorophenol	< 368	2-Nitrophenol	< 368
2,4,5-Trichlorophenol	< 919	4-Nitrophenol	< 919
2,4,6-Trichlorophenol	< 368	2,4-Dinitrophenol	< 919
Pentachlorophenol	< 919	4,6-Dinitro-2-methylphenol	< 919
4-Chloro-3-methylphenol	< 368	Benzoic acid	< 919

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S64497.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Internal Standard outliers indicate probable matrix interference

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	12:3240
		Lab Sample Number:	12:3240-02
Client Job Number:	N/A		
Field Location:	01-2 Sediment Tank	**Date Sampled:**	08/02/2012
Field ID Number:	N/A	**Date Received:**	08/02/2012
Sample Type:	Soil	**Date Analyzed:**	08/07/2012

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 364	Dibenz (a,h) anthracene	< 364
Anthracene	< 364	Fluoranthene	< 364
Benzo (a) anthracene	< 364	Fluorene	< 364
Benzo (a) pyrene	< 364	Indeno (1,2,3-cd) pyrene	< 364
Benzo (b) fluoranthene	< 364	Naphthalene	< 364
Benzo (g,h,i) perylene	< 364	Phenanthrene	< 364
Benzo (k) fluoranthene	< 364	Pyrene	514
Chrysene	< 364	Acenaphthylene	< 364
Diethyl phthalate	< 364	1,2-Dichlorobenzene	< 364
Dimethyl phthalate	< 909	1,3-Dichlorobenzene	< 364
Butylbenzylphthalate	< 364	1,4-Dichlorobenzene	< 364
Di-n-butyl phthalate	< 364	1,2,4-Trichlorobenzene	< 364
Di-n-octylphthalate	< 364	Nitrobenzene	< 364
Bis (2-ethylhexyl) phthalate	< 364	2,4-Dinitrotoluene	< 364
2-Chloronaphthalene	< 364	2,6-Dinitrotoluene	< 364
Hexachlorobenzene	< 364	Bis (2-chloroethyl) ether	< 364
Hexachloroethane	< 364	Bis (2-chloroisopropyl) ether	< 364
Hexachlorocyclopentadiene	< 364	Bis (2-chloroethoxy) methane	< 364
Hexachlorobutadiene	< 364	4-Bromophenyl phenyl ether	< 364
N-Nitroso-di-n-propylamine	< 364	4-Chlorophenyl phenyl ether	< 364
N-Nitrosodiphenylamine	< 364	Benzidine	< 909
N-Nitrosodimethylamine	< 364	3,3'-Dichlorobenzidine	< 364
Isophorone	< 364	4-Chloroaniline	< 364
Benzyl alcohol	< 909	2-Nitroaniline	< 909
Dibenzofuran	< 364	3-Nitroaniline	< 909
2-Methylnapthalene	< 364	4-Nitroaniline	< 909

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 364	2-Methylphenol	< 364
2-Chlorophenol	< 364	3&4-Methylphenol	< 364
2,4-Dichlorophenol	< 364	2,4-Dimethylphenol	< 364
2,6-Dichlorophenol	< 364	2-Nitrophenol	< 364
2,4,5-Trichlorophenol	< 909	4-Nitrophenol	< 909
2,4,6-Trichlorophenol	< 364	2,4-Dinitrophenol	< 909
Pentachlorophenol	< 909	4,6-Dinitro-2-methylphenol	< 909
4-Chloro-3-methylphenol	< 364	Benzoic acid	< 909

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S64498.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi -Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	12:3240
		Lab Sample Number:	12:3240-03
Client Job Number:	N/A		
Field Location:	02 - Water Tank	**Date Sampled:**	08/02/2012
Field ID Number:	N/A	**Date Received:**	08/02/2012
Sample Type:	Water	**Date Analyzed:**	08/08/2012

Base / Neutrals	Results in ug / L	Base / Neutrals	Results in ug / L
Acenaphthene	< 10.0	Dibenz (a,h) anthracene	< 10.0
Anthracene	< 10.0	Fluoranthene	< 10.0
Benzo (a) anthracene	< 10.0	Fluorene	< 10.0
Benzo (a) pyrene	< 10.0	Indeno (1,2,3-cd) pyrene	< 10.0
Benzo (b) fluoranthene	< 10.0	Naphthalene	< 10.0
Benzo (g,h,i) perylene	< 10.0	Phenanthrene	< 10.0
Benzo (k) fluoranthene	< 10.0	Pyrene	< 10.0
Chrysene	< 10.0	Acenaphthylene	< 10.0
Diethyl phthalate	< 10.0	1,2-Dichlorobenzene	< 10.0
Dimethyl phthalate	< 25.0	1,3-Dichlorobenzene	< 10.0
Butylbenzylphthalate	< 10.0	1,4-Dichlorobenzene	< 10.0
Di-n-butyl phthalate	< 10.0	1,2,4-Trichlorobenzene	< 10.0
Di-n-octylphthalate	< 10.0	Nitrobenzene	< 10.0
Bis (2-ethylhexyl) phthalate	< 10.0	2,4-Dinitrotoluene	< 10.0
2-Chloronaphthalene	< 10.0	2,6-Dinitrotoluene	< 10.0
Hexachlorobenzene	< 10.0	Bis (2-chloroethyl) ether	< 10.0
Hexachloroethane	< 10.0	Bis (2-chloroisopropyl) ether	< 10.0
Hexachlorocyclopentadiene	< 10.0	Bis (2-chloroethoxy) methane	< 10.0
Hexachlorobutadiene	< 10.0	4-Bromophenyl phenyl ether	< 10.0
N-Nitroso-di-n-propylamine	< 10.0	4-Chlorophenyl phenyl ether	< 10.0
N-Nitrosodiphenylamine	< 10.0	Benzidine	< 25.0
N-Nitrosodimethylamine	< 10.0	3,3'-Dichlorobenzidine	< 10.0
Isophorone	< 10.0	4-Chloroaniline	< 10.0
Benzyl alcohol	< 25.0	2-Nitroaniline	< 25.0
Dibenzofuran	< 10.0	3-Nitroaniline	< 25.0
2-Methylnapthalene	< 10.0	4-Nitroaniline	< 25.0

Acids	Results in ug / L	Acids	Results in ug / L
Phenol	< 10.0	2-Methylphenol	< 10.0
2-Chlorophenol	< 10.0	3&4-Methylphenol	< 10.0
2,4-Dichlorophenol	< 10.0	2,4-Dimethylphenol	< 10.0
2,6-Dichlorophenol	< 10.0	2-Nitrophenol	< 10.0
2,4,5-Trichlorophenol	< 25.0	4-Nitrophenol	< 25.0
2,4,6-Trichlorophenol	< 10.0	2,4-Dinitrophenol	< 25.0
Pentachlorophenol	< 25.0	4,6-Dinitro-2-methylphenol	< 25.0
4-Chloro-3-methylphenol	< 10.0	Benzoic acid	< 25.0

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S64566.D

Prep Method: EPA 3510C

Comments: ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	12:3240
		Lab Sample Number:	12:3240-06
Client Job Number:	N/A		
Field Location:	N05 - 1&2 North Wall	**Date Sampled:**	08/02/2012
Field ID Number:	N/A	**Date Received:**	08/02/2012
Sample Type:	Soil	**Date Analyzed:**	08/07/2012

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 363	Dibenz (a,h) anthracene	< 363
Anthracene	< 363	Fluoranthene	< 363
Benzo (a) anthracene	< 363	Fluorene	< 363
Benzo (a) pyrene	< 363	Indeno (1,2,3-cd) pyrene	< 363
Benzo (b) fluoranthene	< 363	Naphthalene	< 363
Benzo (g,h,i) perylene	< 363	Phenanthrene	< 363
Benzo (k) fluoranthene	< 363	Pyrene	< 363
Chrysene	< 363	Acenaphthylene	< 363
Diethyl phthalate	< 363	1,2-Dichlorobenzene	< 363
Dimethyl phthalate	< 908	1,3-Dichlorobenzene	< 363
Butylbenzylphthalate	< 363	1,4-Dichlorobenzene	< 363
Di-n-butyl phthalate	< 363	1,2,4-Trichlorobenzene	< 363
Di-n-octylphthalate	< 363	Nitrobenzene	< 363
Bis (2-ethylhexyl) phthalate	< 363	2,4-Dinitrotoluene	< 363
2-Chloronaphthalene	< 363	2,6-Dinitrotoluene	< 363
Hexachlorobenzene	< 363	Bis (2-chloroethyl) ether	< 363
Hexachloroethane	< 363	Bis (2-chloroisopropyl) ether	< 363
Hexachlorocyclopentadiene	< 363	Bis (2-chloroethoxy) methane	< 363
Hexachlorobutadiene	< 363	4-Bromophenyl phenyl ether	< 363
N-Nitroso-di-n-propylamine	< 363	4-Chlorophenyl phenyl ether	< 363
N-Nitrosodiphenylamine	< 363	Benzidine	< 908
N-Nitrosodimethylamine	< 363	3,3'-Dichlorobenzidine	< 363
Isophorone	< 363	4-Chloroaniline	< 363
Benzyl alcohol	< 908	2-Nitroaniline	< 908
Dibenzofuran	< 363	3-Nitroaniline	< 908
2-Methylnapthalene	< 363	4-Nitroaniline	< 908

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 363	2-Methylphenol	< 363
2-Chlorophenol	< 363	3&4-Methylphenol	< 363
2,4-Dichlorophenol	< 363	2,4-Dimethylphenol	< 363
2,6-Dichlorophenol	< 363	2-Nitrophenol	< 363
2,4,5-Trichlorophenol	< 908	4-Nitrophenol	< 908
2,4,6-Trichlorophenol	< 363	2,4-Dinitrophenol	< 908
Pentachlorophenol	< 908	4,6-Dinitro-2-methylphenol	< 908
4-Chloro-3-methylphenol	< 363	Benzoic acid	< 908

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S64499.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Surrogate outliers indicate probable matrix interference

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	12:3240
		Lab Sample Number:	12:3240-07
Client Job Number:	N/A		
Field Location:	W06 - 1&2 West Wall	**Date Sampled:**	08/02/2012
Field ID Number:	N/A	**Date Received:**	08/02/2012
Sample Type:	Soil	**Date Analyzed:**	08/07/2012

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 311	Dibenz (a,h) anthracene	< 311
Anthracene	< 311	Fluoranthene	< 311
Benzo (a) anthracene	< 311	Fluorene	< 311
Benzo (a) pyrene	< 311	Indeno (1,2,3-cd) pyrene	< 311
Benzo (b) fluoranthene	< 311	Naphthalene	< 311
Benzo (g,h,i) perylene	< 311	Phenanthrene	< 311
Benzo (k) fluoranthene	< 311	Pyrene	< 311
Chrysene	< 311	Acenaphthylene	< 311
Diethyl phthalate	< 311	1,2-Dichlorobenzene	< 311
Dimethyl phthalate	< 778	1,3-Dichlorobenzene	< 311
Butylbenzylphthalate	< 311	1,4-Dichlorobenzene	< 311
Di-n-butyl phthalate	< 311	1,2,4-Trichlorobenzene	< 311
Di-n-octylphthalate	< 311	Nitrobenzene	< 311
Bis (2-ethylhexyl) phthalate	< 311	2,4-Dinitrotoluene	< 311
2-Chloronaphthalene	< 311	2,6-Dinitrotoluene	< 311
Hexachlorobenzene	< 311	Bis (2-chloroethyl) ether	< 311
Hexachloroethane	< 311	Bis (2-chloroisopropyl) ether	< 311
Hexachlorocyclopentadiene	< 311	Bis (2-chloroethoxy) methane	< 311
Hexachlorobutadiene	< 311	4-Bromophenyl phenyl ether	< 311
N-Nitroso-di-n-propylamine	< 311	4-Chlorophenyl phenyl ether	< 311
N-Nitrosodiphenylamine	< 311	Benzidine	< 778
N-Nitrosodimethylamine	< 311	3,3'-Dichlorobenzidine	< 311
Isophorone	< 311	4-Chloroaniline	< 311
Benzyl alcohol	< 778	2-Nitroaniline	< 778
Dibenzofuran	< 311	3-Nitroaniline	< 778
2-Methylnapthalene	< 311	4-Nitroaniline	< 778

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 311	2-Methylphenol	< 311
2-Chlorophenol	< 311	3&4-Methylphenol	< 311
2,4-Dichlorophenol	< 311	2,4-Dimethylphenol	< 311
2,6-Dichlorophenol	< 311	2-Nitrophenol	< 311
2,4,5-Trichlorophenol	< 778	4-Nitrophenol	< 778
2,4,6-Trichlorophenol	< 311	2,4-Dinitrophenol	< 778
Pentachlorophenol	< 778	4,6-Dinitro-2-methylphenol	< 778
4-Chloro-3-methylphenol	< 311	Benzoic acid	< 778

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S64500.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
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Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	12:3240
		Lab Sample Number:	12:3240-08
Client Job Number:	N/A		
Field Location:	S07 - 1&2 South Wall	**Date Sampled:**	08/02/2012
Field ID Number:	N/A	**Date Received:**	08/02/2012
Sample Type:	Soil	**Date Analyzed:**	08/07/2012

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 361	Dibenz (a,h) anthracene	< 361
Anthracene	< 361	Fluoranthene	< 361
Benzo (a) anthracene	< 361	Fluorene	< 361
Benzo (a) pyrene	< 361	Indeno (1,2,3-cd) pyrene	< 361
Benzo (b) fluoranthene	< 361	Naphthalene	< 361
Benzo (g,h,i) perylene	< 361	Phenanthrene	< 361
Benzo (k) fluoranthene	< 361	Pyrene	< 361
Chrysene	< 361	Acenaphthylene	< 361
Diethyl phthalate	< 361	1,2-Dichlorobenzene	< 361
Dimethyl phthalate	< 903	1,3-Dichlorobenzene	< 361
Butylbenzylphthalate	< 361	1,4-Dichlorobenzene	< 361
Di-n-butyl phthalate	< 361	1,2,4-Trichlorobenzene	< 361
Di-n-octylphthalate	< 361	Nitrobenzene	< 361
Bis (2-ethylhexyl) phthalate	< 361	2,4-Dinitrotoluene	< 361
2-Chloronaphthalene	< 361	2,6-Dinitrotoluene	< 361
Hexachlorobenzene	< 361	Bis (2-chloroethyl) ether	< 361
Hexachloroethane	< 361	Bis (2-chloroisopropyl) ether	< 361
Hexachlorocyclopentadiene	< 361	Bis (2-chloroethoxy) methane	< 361
Hexachlorobutadiene	< 361	4-Bromophenyl phenyl ether	< 361
N-Nitroso-di-n-propylamine	< 361	4-Chlorophenyl phenyl ether	< 361
N-Nitrosodiphenylamine	< 361	Benzidine	< 903
N-Nitrosodimethylamine	< 361	3,3'-Dichlorobenzidine	< 361
Isophorone	< 361	4-Chloroaniline	< 361
Benzyl alcohol	< 903	2-Nitroaniline	< 903
Dibenzofuran	< 361	3-Nitroaniline	< 903
2-Methylnapthalene	< 361	4-Nitroaniline	< 903

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 361	2-Methylphenol	< 361
2-Chlorophenol	< 361	3&4-Methylphenol	< 361
2,4-Dichlorophenol	< 361	2,4-Dimethylphenol	< 361
2,6-Dichlorophenol	< 361	2-Nitrophenol	< 361
2,4,5-Trichlorophenol	< 903	4-Nitrophenol	< 903
2,4,6-Trichlorophenol	< 361	2,4-Dinitrophenol	< 903
Pentachlorophenol	< 903	4,6-Dinitro-2-methylphenol	< 903
4-Chloro-3-methylphenol	< 361	Benzoic acid	< 903

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S64501.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

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Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site:	33 Litchfield	**Lab Project Number:**	12:3240
		Lab Sample Number:	12:3240-09
Client Job Number:	N/A		
Field Location:	E08 - 1&2 East Wall	**Date Sampled:**	08/02/2012
Field ID Number:	N/A	**Date Received:**	08/02/2012
Sample Type:	Soil	**Date Analyzed:**	08/07/2012

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 323	Dibenz (a,h) anthracene	< 323
Anthracene	< 323	Fluoranthene	< 323
Benzo (a) anthracene	< 323	Fluorene	< 323
Benzo (a) pyrene	< 323	Indeno (1,2,3-cd) pyrene	< 323
Benzo (b) fluoranthene	< 323	Naphthalene	< 323
Benzo (g,h,i) perylene	< 323	Phenanthrene	< 323
Benzo (k) fluoranthene	< 323	Pyrene	< 323
Chrysene	< 323	Acenaphthylene	< 323
Diethyl phthalate	< 323	1,2-Dichlorobenzene	< 323
Dimethyl phthalate	< 807	1,3-Dichlorobenzene	< 323
Butylbenzylphthalate	< 323	1,4-Dichlorobenzene	< 323
Di-n-butyl phthalate	< 323	1,2,4-Trichlorobenzene	< 323
Di-n-octylphthalate	< 323	Nitrobenzene	< 323
Bis (2-ethylhexyl) phthalate	< 323	2,4-Dinitrotoluene	< 323
2-Chloronaphthalene	< 323	2,6-Dinitrotoluene	< 323
Hexachlorobenzene	< 323	Bis (2-chloroethyl) ether	< 323
Hexachloroethane	< 323	Bis (2-chloroisopropyl) ether	< 323
Hexachlorocyclopentadiene	< 323	Bis (2-chloroethoxy) methane	< 323
Hexachlorobutadiene	< 323	4-Bromophenyl phenyl ether	< 323
N-Nitroso-di-n-propylamine	< 323	4-Chlorophenyl phenyl ether	< 323
N-Nitrosodiphenylamine	< 323	Benzidine	< 807
N-Nitrosodimethylamine	< 323	3,3'-Dichlorobenzidine	< 323
Isophorone	< 323	4-Chloroaniline	< 323
Benzyl alcohol	< 807	2-Nitroaniline	< 807
Dibenzofuran	< 323	3-Nitroaniline	< 807
2-Methylnapthalene	< 323	4-Nitroaniline	< 807

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 323	2-Methylphenol	< 323
2-Chlorophenol	< 323	3&4-Methylphenol	< 323
2,4-Dichlorophenol	< 323	2,4-Dimethylphenol	< 323
2,6-Dichlorophenol	< 323	2-Nitrophenol	< 323
2,4,5-Trichlorophenol	< 807	4-Nitrophenol	< 807
2,4,6-Trichlorophenol	< 323	2,4-Dinitrophenol	< 807
Pentachlorophenol	< 807	4,6-Dinitro-2-methylphenol	< 807
4-Chloro-3-methylphenol	< 323	Benzoic acid	< 807

ELAP Number 10958 Analytical Method: EPA 8270C Data File: S64502.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: 01-1 Sediment Tank
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 12:3240
Lab Sample Number: 12:3240-01
Date Sampled: 08/02/2012
Date Received: 08/02/2012
Date Analyzed: 08/08/2012

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 7.99
Bromomethane	< 7.99
Bromoform	< 20.0
Carbon Tetrachloride	< 7.99
Chloroethane	< 7.99
Chloromethane	< 7.99
2-Chloroethyl vinyl Ether	< 39.9
Chloroform	< 7.99
Dibromochloromethane	< 7.99
1,1-Dichloroethane	< 7.99
1,2-Dichloroethane	< 7.99
1,1-Dichloroethene	< 7.99
cis-1,2-Dichloroethene	< 7.99
trans-1,2-Dichloroethene	< 7.99
1,2-Dichloropropane	< 7.99
cis-1,3-Dichloropropene	< 7.99
trans-1,3-Dichloropropene	< 7.99
Methylene chloride	< 20.0
1,1,2,2-Tetrachloroethane	< 7.99
Tetrachloroethene	< 7.99
1,1,1-Trichloroethane	< 7.99
1,1,2-Trichloroethane	< 7.99
Trichloroethene	< 7.99
Trichlorofluoromethane	< 7.99
Vinyl chloride	< 7.99

Aromatics	Results in ug / Kg
Benzene	< 7.99
Chlorobenzene	< 7.99
Ethylbenzene	< 7.99
Toluene	< 7.99
m,p-Xylene	13.3
o-Xylene	8.31
Styrene	< 20.0
1,2-Dichlorobenzene	< 7.99
1,3-Dichlorobenzene	< 7.99
1,4-Dichlorobenzene	< 7.99

Ketones	Results in ug / Kg
Acetone	B 94.8
2-Butanone	< 39.9
2-Hexanone	< 20.0
4-Methyl-2-pentanone	< 20.0

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 7.99
Vinyl acetate	< 20.0

ELAP Number 10958 Method: EPA 8260B Data File: V99413.D

Comments: ug / Kg = microgram per Kilogram
Internal standard outliers indicate probable matrix interference

Signature: _____
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: 01-2 Sediment Tank
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 12:3240
Lab Sample Number: 12:3240-02
Date Sampled: 08/02/2012
Date Received: 08/02/2012
Date Analyzed: 08/07/2012

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 5.50
Bromomethane	< 5.50
Bromoform	< 13.7
Carbon Tetrachloride	< 5.50
Chloroethane	< 5.50
Chloromethane	< 5.50
2-Chloroethyl vinyl Ether	< 27.5
Chloroform	< 5.50
Dibromochloromethane	< 5.50
1,1-Dichloroethane	< 5.50
1,2-Dichloroethane	< 5.50
1,1-Dichloroethene	< 5.50
cis-1,2-Dichloroethene	< 5.50
trans-1,2-Dichloroethene	< 5.50
1,2-Dichloropropane	< 5.50
cis-1,3-Dichloropropene	< 5.50
trans-1,3-Dichloropropene	< 5.50
Methylene chloride	< 13.7
1,1,2,2-Tetrachloroethane	< 5.50
Tetrachloroethene	< 5.50
1,1,1-Trichloroethane	< 5.50
1,1,2-Trichloroethane	< 5.50
Trichloroethene	< 5.50
Trichlorofluoromethane	< 5.50
Vinyl chloride	< 5.50

Aromatics	Results in ug / Kg
Benzene	< 5.50
Chlorobenzene	< 5.50
Ethylbenzene	< 5.50
Toluene	< 5.50
m,p-Xylene	< 5.50
o-Xylene	< 5.50
Styrene	< 13.7
1,2-Dichlorobenzene	< 5.50
1,3-Dichlorobenzene	< 5.50
1,4-Dichlorobenzene	< 5.50

Ketones	Results in ug / Kg
Acetone	B 60.4
2-Butanone	< 27.5
2-Hexanone	< 13.7
4-Methyl-2-pentanone	< 13.7

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 5.50
Vinyl acetate	< 13.7

ELAP Number 10958 Method: EPA 8260B Data File: V99392.D

Comments: ug / Kg = microgram per Kilogram
Surrogate outliers indicate probable matrix interference

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: 04-Water Tank
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 12:3240
Lab Sample Number: 12:3240-05
Date Sampled: 08/02/2012
Date Received: 08/02/2012
Date Analyzed: 08/06/2012

Halocarbons	Results in ug / L
Bromodichloromethane	< 2.00
Bromomethane	< 2.00
Bromoform	< 5.00
Carbon Tetrachloride	< 2.00
Chloroethane	< 2.00
Chloromethane	< 2.00
2-Chloroethyl vinyl Ether	< 10.0
Chloroform	< 2.00
Dibromochloromethane	< 2.00
1,1-Dichloroethane	< 2.00
1,2-Dichloroethane	< 2.00
1,1-Dichloroethene	< 2.00
cis-1,2-Dichloroethene	< 2.00
trans-1,2-Dichloroethene	< 2.00
1,2-Dichloropropane	< 2.00
cis-1,3-Dichloropropene	< 2.00
trans-1,3-Dichloropropene	< 2.00
Methylene chloride	< 5.00
1,1,2,2-Tetrachloroethane	< 2.00
Tetrachloroethene	< 2.00
1,1,1-Trichloroethane	< 2.00
1,1,2-Trichloroethane	< 2.00
Trichloroethene	< 2.00
Trichlorofluoromethane	< 2.00
Vinyl chloride	< 2.00

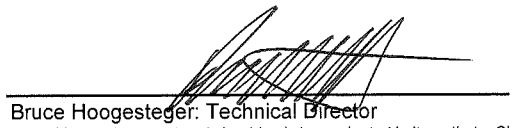
Aromatics	Results in ug / L
Benzene	< 0.700
Chlorobenzene	< 2.00
Ethylbenzene	< 2.00
Toluene	< 2.00
m,p-Xylene	< 2.00
o-Xylene	< 2.00
Styrene	< 5.00
1,2-Dichlorobenzene	< 2.00
1,3-Dichlorobenzene	< 2.00
1,4-Dichlorobenzene	< 2.00

Ketones	Results in ug / L
Acetone	143
2-Butanone	< 10.0
2-Hexanone	< 5.00
4-Methyl-2-pentanone	< 5.00

Miscellaneous	Results in ug / L
Carbon disulfide	< 2.00
Vinyl acetate	< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: V99373.D

Comments: ug / L = microgram per Liter

Signature: 

Bruce Hoogesteger: Technical Director

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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: No5-1&2 North Wall
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 12:3240
Lab Sample Number: 12:3240-06
Date Sampled: 08/02/2012
Date Received: 08/02/2012
Date Analyzed: 08/07/2012

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 7.94
Bromomethane	< 7.94
Bromoform	< 19.9
Carbon Tetrachloride	< 7.94
Chloroethane	< 7.94
Chloromethane	< 7.94
2-Chloroethyl vinyl Ether	< 39.7
Chloroform	< 7.94
Dibromochloromethane	< 7.94
1,1-Dichloroethane	< 7.94
1,2-Dichloroethane	< 7.94
1,1-Dichloroethene	< 7.94
cis-1,2-Dichloroethene	< 7.94
trans-1,2-Dichloroethene	< 7.94
1,2-Dichloropropane	< 7.94
cis-1,3-Dichloropropene	< 7.94
trans-1,3-Dichloropropene	< 7.94
Methylene chloride	< 19.9
1,1,2,2-Tetrachloroethane	< 7.94
Tetrachloroethene	< 7.94
1,1,1-Trichloroethane	< 7.94
1,1,2-Trichloroethane	< 7.94
Trichloroethene	< 7.94
Trichlorofluoromethane	< 7.94
Vinyl chloride	< 7.94

Aromatics	Results in ug / Kg
Benzene	< 7.94
Chlorobenzene	< 7.94
Ethylbenzene	< 7.94
Toluene	< 7.94
m,p-Xylene	< 7.94
o-Xylene	< 7.94
Styrene	< 19.9
1,2-Dichlorobenzene	< 7.94
1,3-Dichlorobenzene	< 7.94
1,4-Dichlorobenzene	< 7.94

Ketones	Results in ug / Kg
Acetone	B 63.8
2-Butanone	< 39.7
2-Hexanone	< 19.9
4-Methyl-2-pentanone	< 19.9

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 7.94
Vinyl acetate	< 19.9

ELAP Number 10958 Method: EPA 8260B Data File: V99393.D

Comments: ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

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ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: N05-1&2 North Wall
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 12:3240
Lab Sample Number: 12:3240-06

Date Sampled: 08/02/2012
Date Received: 08/02/2012
Date Analyzed: 08/07/2012

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 7.94
Bromomethane	< 7.94
Bromoform	< 19.9
Carbon Tetrachloride	< 7.94
Chloroethane	< 7.94
Chloromethane	< 7.94
2-Chloroethyl vinyl Ether	< 39.7
Chloroform	< 7.94
Dibromochloromethane	< 7.94
1,1-Dichloroethane	< 7.94
1,2-Dichloroethane	< 7.94
1,1-Dichloroethene	< 7.94
cis-1,2-Dichloroethene	< 7.94
trans-1,2-Dichloroethene	< 7.94
1,2-Dichloropropane	< 7.94
cis-1,3-Dichloropropene	< 7.94
trans-1,3-Dichloropropene	< 7.94
Methylene chloride	< 19.9
1,1,2,2-Tetrachloroethane	< 7.94
Tetrachloroethene	< 7.94
1,1,1-Trichloroethane	< 7.94
1,1,2-Trichloroethane	< 7.94
Trichloroethene	< 7.94
Trichlorofluoromethane	< 7.94
Vinyl chloride	< 7.94

Aromatics	Results in ug / Kg
Benzene	< 7.94
Chlorobenzene	< 7.94
Ethylbenzene	< 7.94
Toluene	< 7.94
m,p-Xylene	< 7.94
o-Xylene	< 7.94
Styrene	< 19.9
1,2-Dichlorobenzene	< 7.94
1,3-Dichlorobenzene	< 7.94
1,4-Dichlorobenzene	< 7.94

Ketones	Results in ug / Kg
Acetone	B 63.8
2-Butanone	< 39.7
2-Hexanone	< 19.9
4-Methyl-2-pentanone	< 19.9

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 7.94
Vinyl acetate	< 19.9

ELAP Number 10958 Method: EPA 8260B Data File: V99393.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: W06-1&2 West Wall
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 12:3240
Lab Sample Number: 12:3240-07
Date Sampled: 08/02/2012
Date Received: 08/02/2012
Date Analyzed: 08/08/2012

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 4.51
Bromomethane	< 4.51
Bromoform	< 11.3
Carbon Tetrachloride	< 4.51
Chloroethane	< 4.51
Chloromethane	< 4.51
2-Chloroethyl vinyl Ether	< 22.6
Chloroform	< 4.51
Dibromochloromethane	< 4.51
1,1-Dichloroethane	< 4.51
1,2-Dichloroethane	< 4.51
1,1-Dichloroethene	< 4.51
cis-1,2-Dichloroethene	< 4.51
trans-1,2-Dichloroethene	< 4.51
1,2-Dichloropropane	< 4.51
cis-1,3-Dichloropropene	< 4.51
trans-1,3-Dichloropropene	< 4.51
Methylene chloride	< 11.3
1,1,2,2-Tetrachloroethane	< 4.51
Tetrachloroethene	< 4.51
1,1,1-Trichloroethane	< 4.51
1,1,2-Trichloroethane	< 4.51
Trichloroethene	< 4.51
Trichlorofluoromethane	< 4.51
Vinyl chloride	< 4.51

Aromatics	Results in ug / Kg
Benzene	< 4.51
Chlorobenzene	< 4.51
Ethylbenzene	< 4.51
Toluene	< 4.51
m,p-Xylene	< 4.51
o-Xylene	< 4.51
Styrene	< 11.3
1,2-Dichlorobenzene	< 4.51
1,3-Dichlorobenzene	< 4.51
1,4-Dichlorobenzene	< 4.51

Ketones	Results in ug / Kg
Acetone	B 97.0
2-Butanone	< 22.6
2-Hexanone	< 11.3
4-Methyl-2-pentanone	< 11.3

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 4.51
Vinyl acetate	< 11.3

ELAP Number 10958 Method: EPA 8260B Data File: V99439.D

Comments: ug / Kg = microgram per Kilogram
Surrogate and internal standard outliers indicate probable matrix interference

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: S07-1&2 South Wall
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 12:3240
Lab Sample Number: 12:3240-08
Date Sampled: 08/02/2012
Date Received: 08/02/2012
Date Analyzed: 08/07/2012

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 8.00
Bromomethane	< 8.00
Bromoform	< 20.0
Carbon Tetrachloride	< 8.00
Chloroethane	< 8.00
Chloromethane	< 8.00
2-Chloroethyl vinyl Ether	< 40.0
Chloroform	< 8.00
Dibromochloromethane	< 8.00
1,1-Dichloroethane	< 8.00
1,2-Dichloroethane	< 8.00
1,1-Dichloroethene	< 8.00
cis-1,2-Dichloroethene	< 8.00
trans-1,2-Dichloroethene	< 8.00
1,2-Dichloropropane	< 8.00
cis-1,3-Dichloropropene	< 8.00
trans-1,3-Dichloropropene	< 8.00
Methylene chloride	< 20.0
1,1,2,2-Tetrachloroethane	< 8.00
Tetrachloroethene	< 8.00
1,1,1-Trichloroethane	< 8.00
1,1,2-Trichloroethane	< 8.00
Trichloroethene	< 8.00
Trichlorofluoromethane	< 8.00
Vinyl chloride	< 8.00

Aromatics	Results in ug / Kg
Benzene	< 8.00
Chlorobenzene	< 8.00
Ethylbenzene	< 8.00
Toluene	< 8.00
m,p-Xylene	< 8.00
o-Xylene	< 8.00
Styrene	< 20.0
1,2-Dichlorobenzene	< 8.00
1,3-Dichlorobenzene	< 8.00
1,4-Dichlorobenzene	< 8.00

Ketones	Results in ug / Kg
Acetone	< 40.0
2-Butanone	< 40.0
2-Hexanone	< 20.0
4-Methyl-2-pentanone	< 20.0

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 8.00
Vinyl acetate	< 20.0

ELAP Number 10958 Method: EPA 8260B Data File: V99395.D

Comments: ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

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ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: E08-1&2 East Wall
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 12:3240
Lab Sample Number: 12:3240-09
Date Sampled: 08/02/2012
Date Received: 08/02/2012
Date Analyzed: 08/07/2012

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 7.58
Bromomethane	< 7.58
Bromoform	< 19.0
Carbon Tetrachloride	< 7.58
Chloroethane	< 7.58
Chloromethane	< 7.58
2-Chloroethyl vinyl Ether	< 37.9
Chloroform	< 7.58
Dibromochloromethane	< 7.58
1,1-Dichloroethane	< 7.58
1,2-Dichloroethane	< 7.58
1,1-Dichloroethene	< 7.58
cis-1,2-Dichloroethene	< 7.58
trans-1,2-Dichloroethene	< 7.58
1,2-Dichloropropane	< 7.58
cis-1,3-Dichloropropene	< 7.58
trans-1,3-Dichloropropene	< 7.58
Methylene chloride	< 19.0
1,1,2,2-Tetrachloroethane	< 7.58
Tetrachloroethene	< 7.58
1,1,1-Trichloroethane	< 7.58
1,1,2-Trichloroethane	< 7.58
Trichloroethene	< 7.58
Trichlorofluoromethane	< 7.58
Vinyl chloride	< 7.58

Aromatics	Results in ug / Kg
Benzene	< 7.58
Chlorobenzene	< 7.58
Ethylbenzene	< 7.58
Toluene	< 7.58
m,p-Xylene	< 7.58
o-Xylene	< 7.58
Styrene	< 19.0
1,2-Dichlorobenzene	< 7.58
1,3-Dichlorobenzene	< 7.58
1,4-Dichlorobenzene	< 7.58

Ketones	Results in ug / Kg
Acetone	< 37.9
2-Butanone	< 37.9
2-Hexanone	< 19.0
4-Methyl-2-pentanone	< 19.0

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 7.58
Vinyl acetate	< 19.0

ELAP Number 10958 Method: EPA 8260B Data File: V99396.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: N/A
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 12:3240
Lab Sample Number: Soil LRB 8/7

Date Sampled: N/A
Date Received: N/A
Date Analyzed: 08/07/2012

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 10.0
Bromomethane	< 10.0
Bromoform	< 25.0
Carbon Tetrachloride	< 10.0
Chloroethane	< 10.0
Chloromethane	< 10.0
2-Chloroethyl vinyl Ether	< 50.0
Chloroform	< 10.0
Dibromochloromethane	< 10.0
1,1-Dichloroethane	< 10.0
1,2-Dichloroethane	< 10.0
1,1-Dichloroethene	< 10.0
cis-1,2-Dichloroethene	< 10.0
trans-1,2-Dichloroethene	< 10.0
1,2-Dichloropropane	< 10.0
cis-1,3-Dichloropropene	< 10.0
trans-1,3-Dichloropropene	< 10.0
Methylene chloride	< 25.0
1,1,2,2-Tetrachloroethane	< 10.0
Tetrachloroethene	< 10.0
1,1,1-Trichloroethane	< 10.0
1,1,2-Trichloroethane	< 10.0
Trichloroethene	< 10.0
Trichlorofluoromethane	< 10.0
Vinyl chloride	< 10.0

Aromatics	Results in ug / Kg
Benzene	< 10.0
Chlorobenzene	< 10.0
Ethylbenzene	< 10.0
Toluene	< 10.0
m,p-Xylene	< 10.0
o-Xylene	< 10.0
Styrene	< 25.0
1,2-Dichlorobenzene	< 10.0
1,3-Dichlorobenzene	< 10.0
1,4-Dichlorobenzene	< 10.0

Ketones	Results in ug / Kg
Acetone	98.3
2-Butanone	< 50.0
2-Hexanone	< 25.0
4-Methyl-2-pentanone	< 25.0

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 10.0
Vinyl acetate	< 25.0

ELAP Number 10958 Method: EPA 8260B Data File: V99387.D

Comments: ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: DECI

Client Job Site: 33 Litchfield
Client Job Number: N/A
Field Location: N/A
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 12:3240
Lab Sample Number: Soil BLK 8/8

Date Sampled: N/A
Date Received: N/A
Date Analyzed: 08/08/2012

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 10.0
Bromomethane	< 10.0
Bromoform	< 25.0
Carbon Tetrachloride	< 10.0
Chloroethane	< 10.0
Chloromethane	< 10.0
2-Chloroethyl vinyl Ether	< 50.0
Chloroform	< 10.0
Dibromochloromethane	< 10.0
1,1-Dichloroethane	< 10.0
1,2-Dichloroethane	< 10.0
1,1-Dichloroethene	< 10.0
cis-1,2-Dichloroethene	< 10.0
trans-1,2-Dichloroethene	< 10.0
1,2-Dichloropropane	< 10.0
cis-1,3-Dichloropropene	< 10.0
trans-1,3-Dichloropropene	< 10.0
Methylene chloride	< 25.0
1,1,2,2-Tetrachloroethane	< 10.0
Tetrachloroethene	< 10.0
1,1,1-Trichloroethane	< 10.0
1,1,2-Trichloroethane	< 10.0
Trichloroethene	< 10.0
Trichlorofluoromethane	< 10.0
Vinyl chloride	< 10.0

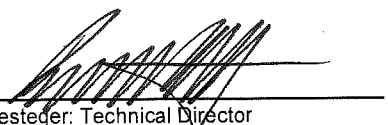
Aromatics	Results in ug / Kg
Benzene	< 10.0
Chlorobenzene	< 10.0
Ethylbenzene	< 10.0
Toluene	< 10.0
m,p-Xylene	< 10.0
o-Xylene	< 10.0
Styrene	< 25.0
1,2-Dichlorobenzene	< 10.0
1,3-Dichlorobenzene	< 10.0
1,4-Dichlorobenzene	< 10.0

Ketones	Results in ug / Kg
Acetone	129
2-Butanone	< 50.0
2-Hexanone	< 25.0
4-Methyl-2-pentanone	< 25.0

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 10.0
Vinyl acetate	< 25.0

ELAP Number 10958 Method: EPA 8260B Data File: V99438.D

Comments: ug / Kg = microgram per Kilogram

Signature: 

Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:

COMPANY: DIECI
ADDRESS: 3178 DUSCHAM RD
CITY: HAMBURG STATE: NY ZIP: 14075
PHONE: 716 639-5958 FAX:
ATTN: RUPPAFF
COMMENTS: Re Email Results

INVOICE TO:

COMPANY:
ADDRESS: SAME per MP 8/2 EAH 8/2
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 12:3240
CLIENT PROJECT #:

TURNAROUND TIME: (WORKING DAYS)
STD OTHER
1 2 3 X 5

QUOTE #:

PROJECT NAME/SITE NAME: 33 Litchfield

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	TCL SVOC SIM	TCL SVOC	TAL METALS	per KHAS per MP 8/2 EAH 8/2	REMARKS	PARADIGM LAB SAMPLE NUMBER
08/02/12												
1 "	9:30A	X		01-1 SEDIMENT TANK	Soil	1	✓	✓	✓			01
2 "	"	X		01-2 " "	Soil	1	✓	✓	✓			02
3 "	"		X	02 - WATER TANK	H_2O	1	✓					03
4 "	"		X	03 - WATER TANK	H_2O	1			✓			04
5 "	"		X	04 - WATER TANK	H_2O	2		✓				05
6 "	10:10	X		N05-1&2 NORTH WALL	Soil	2	✓	✓	✓			06
7 "	10:30	X		W06-1&2 WEST WALL	"	2	✓	✓	✓			07
8 "	10:15	X		S07 1&2 SOUTH WALL	"	2	✓	✓	✓			08
9 "	1045	X		E08 1&2 EAST WALL	"	2	✓	✓	✓			09
10												

****LAB USE ONLY BELOW THIS LINE****

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☐	N ☐
Comments:		
Preservation:	Y ☐	N ☐
Comments:		
Holding Time:	Y ☐	N ☐
Comments:		
Temperature:	Y ☐	N ☐
Comments: 24°C		

Sampled By: 08/02/2012 Date/Time
Relinquished By: 08/02/2012 11:15AM Date/Time
Received By: 8/2/12 11:15AM Date/Time
Received @ Lab By: Elizabeth A Honck 8/2/12 1350 Date/Time

Total Cost:
P.I.F.

PARADIGM

Chain of Custody Supplement

Client: DECi

Completed by: MW

Lab Project ID: 12.3240

Date: 8/2/12

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X	X	
Comments		for VOA (505)	
Transferred to method-compliant container	X		
Headspace (<1 mL)			
Comments			
Preservation	X		
Comments			
Chlorine Absent (<0.05 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature		X	X
Comments	24°C		Metals
Sufficient Sample Quantity	X		
Comments			