New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Technical Support, 11th Floor
625 Broadway, Albany, New York 12233-7020
Phone: (518) 402-9553 • **FAX:** (518) 402-9577
Website: www.dec.state.ny.us

Erin M. Crotty
Commissioner

File

MEMORANDUM

TO: See Distribution List

FROM: Kelly A. Lewandowski, NYSDEC - DER Bureau of Technical Support

SUBJECT: Brownfield Cleanup Program Application
Anderson Cleaners, C907027

DATE: JUL 21 2004

The attached Brownfield Cleanup Program Application for remedial work at the subject site has been forwarded to you for your records and/or processing according to the established Brownfield Cleanup Program procedures. If you require additional copies or the complete series of the related application's attachments, please contact me at 518-402-9553.

The Time and Activity Code for the subject site is:

Attachment(s)

Distribution
Original (with all attachments) to:
Martin Doster, NYSDEC - Region 9
Copy (with all attachments) to:
Gary Litwin, NYSDOH - DEHI Bureau of Environmental Exposure Investigation
Joseph Ryan, NYSDEC, DEE - Region 9
Anne Hohenstein, NYSOSC
Copy (without attachments) to:
Anthony Quartararo, NYSDEC - DEE Superfund and Voluntary Cleanup Bureau
Christina Dowd, NYSDEC - DFWMR Bureau of Habitat
Ed Belmore, NYSDEC - DER Remedial Bureau D
Brian Graber, NYSDEC - Region 9

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Erin M. Crotty
Commissioner

JUL 21 2004

Mr. Michael K. Lyons
3605 Overlook Terrace
Bemis Point, New York 14712

Re: Brownfield Cleanup Application
Anderson Cleaners
BCP #: C907027

Dear Mr. Lyons:

The New York State Department of Environmental Conservation (Department) is in receipt of your application for participation in the Brownfield Cleanup Program (BCP) pursuant to ECL Section 27-1400 et seq. As you know, the BCP is a cooperative approach between the Department and lenders, developers, and current and prospective owners. The program fosters private-sector remediation of brownfields and reduces development pressures on "greenfields." We are pleased to advise you that your application has been determined to be complete.

Pursuant to ECL Section 27-1407(5), a thirty-day public comment period is to be commenced upon the Department's determination that an application is complete. The party seeking to participate in the BCP is required under the BCP to notify in writing the chief executive officer and zoning board of each county, city, town and village in which the proposed brownfield site is located, as well as residents of the site, the public water supplier which services the area, any person who has requested to be placed on the brownfield site contact list, and the administrator of any school or day care facility located adjacent to or near the site. Further, the Department will publish a similar notice in the Environmental Notice Bulletin.

In order to facilitate the notifications, the Department has prepared the enclosed Public Notice for you to utilize and the instructions for placing and mailing the notifications as well as the document repository location and contents. As the applicant you are responsible for providing a copy of the application and the Remedial Investigation Work Plan at the document repository. Also, you must use this Department-approved Public Notice form and cannot provide any other or additional information when fulfilling your obligation to provide notice of the application and comment period. The enclosed form should be provided to a local newspaper servicing the area including the brownfield site for publication no later than July 28, 2004. Additionally, all of the above-mentioned mailings should be completed no later than July 27, 2004. To the extent that the mailings and publications are not completed in accordance

with these time frames, the Department will extend the comment period for a period sufficient to comply with the required thirty-day notice requirement running from the latest of the mailings or publication.

A certificate of mailing, on the enclosed form, is required to be submitted within three days of the mailing. Further, the proof of publication provided by the newspaper must be submitted within three days of your receipt of such document. These documents should be submitted to the Department's project manager at:

New York State Department of Environmental Conservation
Region 9
270 Michigan Avenue
Buffalo, New York 14203
ATTN: Brian Graber

The Department will make every effort to determine your eligibility and status under the BCP by September 5, 2004. We look forward to working cooperatively with you to address the environmental conditions at the brownfield site and to return this property back to productive use.

Sincerely,

Kelly A. Lewandowski, P.E.
Chief
Site Control Section

Enclosures

ec: w/enc. B. Graber, Region 9
M. VanValkenburg, NYSDOH
A. Quartararo
J. Ryan, Region 9

Instructions to Applicant Regarding Placing and Mailing of Notification Regarding Completeness Determination

1) The enclosed notice must be provided, without modification, by the applicant to a local newspaper of general circulation servicing the area including the brownfield site for publication no later than the date specified in the cover letter. The notice must be located prominently in the community bulletin section or similar local section of the newspaper. The notice must be published in English and in any other language spoken by significant numbers of people within the community.

2) The enclosed notice must be mailed, without modification, by the applicant to the brownfield site contact list as identified in the applicant's application. The mailing must be performed by the date specified in the cover letter. No other materials can be mailed with this notice.

3) The applicant must complete and submit to the Department the attached certificate of mailing within the time frame specified in the cover letter.

4) The applicant must forward to the Department proof of publication by the newspaper of the newspaper notice within the time frame specified in the cover letter.

5) The applicant must make available a copy of the application and all other related documents (i.e., Phase Assessment Reports, Remedial Investigation Work Plans and Reports and Remedial Design Work Plans) at the document repository specified in the public notice.

Instructions to Newspapers Regarding Printing the Public Notice

The enclosed notice announces the receipt of an application by the New York State Department of Environmental Conservation to the Department's Brownfield Cleanup Program. Pursuant to ECL Section 27-1407(5), the notice must be located prominently in the community bulletin section or similar local section of the newspaper. The notice must be published in English and in any other language spoken by significant numbers of people within the community.

Instructions to Individuals Receiving the Public Notice

The enclosed notice announces the receipt of an application by the New York State Department of Environmental Conservation to the Department's Brownfield Cleanup Program (BCP). Pursuant to ECL Section 27-1407(5), upon the Department's determination that a BCP application is complete, the applicant must send notice of the application to individuals on a site contact list. Please read the enclosed notice for further information and instructions.

Brownfield Cleanup Program

Anderson Cleaners
City of Jamestown, Chautauqua County
State of New York

NOTICE
Pursuant to ECL 27-1407 and 1417

The New York State Department of Environmental Conservation (Department) administers the Brownfield Cleanup Program pursuant to ECL 27-1400 et seq. The Brownfield Cleanup Program is designed to encourage the remediation of contaminated properties known as brownfields for reuse and redevelopment. Anderson Cleaners, Inc. has submitted an application to participate in the Brownfield Cleanup Program. The application was determined to be complete by the Department on July 16, 2004. The property described in the application is located at 5 Hunt Road, Jamestown, New York 14701. The application proposes that the applicant will conduct investigation and/or remedial activities at the site. The application proposes that the site will be used for commercial purposes.

The Department will receive public comments concerning the application for thirty days from July 28, 2004 through August 27, 2004. After review of the application and any public comments received, the Department will determine whether to accept the Applicant's request to participate in the Brownfield Cleanup Program. If the Department accepts the Applicant's request to participate, it will execute a Brownfield Cleanup Agreement (BCA) with the Applicant. By executing a BCA, the Applicant would commit to undertake certain remedial activities under the Department's oversight. A copy of the application and a Remedial Investigation Work Plan are available in the document repository for this site located at the Prendergast Library, 509 Cherry Street, Jamestown, NY.

The referenced documents are draft and have not been reviewed by the Department staff prior to their release for public comment. The Department, in conjunction with the New York State Department of Health will review these documents during the public comment period.

All citizens are encouraged to offer comments in writing to and refer questions to:

New York State Department of Environmental Conservation
Region 9
270 Michigan Avenue
Buffalo, New York 14203
ATTN: Brian Graber

Anderson Cleaners
BCP ID C907027

CERTIFICATION OF MAILING

I certify that I mailed on _____ a copy of the attached _____ by first class mail upon the person(s) on the attached mailing list, by depositing a true copy thereof, securely enclosed in a postpaid wrapper, in the Post Office box at _____ in the City of _____, New York, which box is under the exclusive care and custody of the United States Post Office Department:

_____ _____

Signature Date

day
DAY ENVIRONMENTAL, INC.

LETTER OF TRANSMITTAL
Project # 3292S-04/ RLK3894

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

RE: Brownfield Cleanup Program
Anderson Cleaners, Inc.

WE ARE SENDING YOU: _X_ ATTACHED _____ UNDER SEPARATE COVER

THE FOLLOWING ITEMS:

- *Brownfield Cleanup Program (BCP) Application* – three (3) copies; one (1) with original signature of applicant
- *Draft Remedial Investigation Work Plan, Anderson Cleaners Site, 5 Hunt Road, Jamestown, New York* – three (3) copies

REMARKS:

Day Environmental, Inc. (DAY) is submitting the above-referenced documents on behalf of Mr. Michael K. Lyons (Anderson Cleaners, Inc.). Please contact the undersigned or Mr. Lyons with any questions.

DATED June 29, 2004 SIGNED Raymond L. Kampff

Copies: M. Doster – NYSDEC Region 9: three (3) copies
M. Lyons – Anderson Cleaners: one (1) copy

40 COMMERCIAL STREET
ROCHESTER, NEW YORK 14614 -1008

(585) 454-0210 x108
FAX (585) 454-0825
rkampff@daymail.net

BROWNFIELD CLEANUP PROGRAM APPLICATION

ANDERSON CLEANERS, INC.
5 HUNT ROAD
JAMESTOWN, NEW YORK

June 29, 2004

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION

ECL ARTICLE 27 / TITLE 14

10/9/03

Applicant Information

NAME	Anderson Cleaners, Inc. and Michael K. Lyons		
ADDRESS	5 Hunt Road		
CITY/TOWN	Jamestown, New York	ZIP CODE	14701
PHONE	FAX		E-MAIL
NAME OF APPLICANT'S REPRESENTATIVE	Michael K. Lyons		
ADDRESS	3605 Overlook Terrace		
CITY/TOWN	Bemis Point. New York	ZIP CODE	14712
PHONE	716-665-2473	FAX	E-MAIL lyonsden@netsync.net

THE APPLICANT MUST CERTIFY THAT IT IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL § 27-1405 (1) BY CHECKING ONE OF THE BOXES BELOW:

■ PARTICIPANT

An applicant 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

An applicant other than a participant, including an applicant 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 applicant 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.

Applicant Relationship to Property (check one):

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

Current Owner/Operator Information

OWNER'S NAME (if different from applicant)		
ADDRESS		
CITY/TOWN	ZIP CODE	
PHONE	FAX	E-MAIL
OPERATOR'S NAME (if different from applicant)		
ADDRESS		
CITY/TOWN	ZIP CODE	
PHONE	FAX	E-MAIL

Site Information

SITE NAME	Anderson Cleaners				
SITE ADDRESS	5 Hunt Road	CITY/TOWN	Jamestown, New York	ZIP CODE	14701
COUNTY	Chautauqua	SITE SIZE (ACRES)	2.4 Acres		
LATITUDE	N 42d 5' 34.1"	LONGITUDE	W 79d 15' 59.8"		

PLEASE ATTACH A COUNTY TAX MAP WITH IDENTIFIER NUMBERS, ALONG WITH ANY FIGURES NEEDED TO SHOW THE LOCATION AND BOUNDARIES OF THE SITE. ALSO INCLUDE A USGS 7.5 MINUTE QUAD MAP IN WHICH THE SITE IS LOCATED.

1. DO THE SITE BOUNDARIES CORRESPOND TO TAX MAP METES AND BOUNDS? IF NO, PLEASE ATTACH A METES AND BOUNDS DESCRIPTION OF THE SITE. (See Attachment A- Figures) ■YES ☐NO
2. IS THE SITE PART OF A DESIGNATED BROWNFIELD OPPORTUNITY AREA PURSUANT TO GML970-R? IF YES, IDENTIFY AREA (NAME) _____ ☐YES ■NO
3. IS THE SITE PART OF A DESIGNATED EN-Zone PURSUANT TO TL § 21(b)(6). IF YES, IDENTIFY AREA (NAME) _____ ☐YES ■NO

Applicant Eligibility Information (Please refer to ECL § 27-1407)

1. ARE ANY ENFORCEMENT ACTIONS PENDING AGAINST THE APPLICANT REGARDING THIS SITE? ☐YES ■NO
2. IS THE APPLICANT SUBJECT TO AN OUTSTANDING CLAIM BY THE SPILL FUND FOR THIS SITE? ☐YES ■NO
3. HAS THE APPLICANT VIOLATED ANY PROVISION OF ECL ARTICLE 27? ☐YES ■NO
4. HAS THE APPLICANT BEEN PREVIOUSLY DENIED ENTRY TO THE BCP? ☐YES ■NO
5. HAS THE APPLICANT COMMITTED A NEGLIGENT OR INTENTIONALLY TORTIOUS ACT REGARDING HAZARDOUS WASTE OR PETROLEUM? ☐YES ■NO
6. HAS THE APPLICANT BEEN CONVICTED OF A CRIMINAL OFFENSE THAT INVOLVES A VIOLENT FELONY, FRAUD, BRIBERY, PERJURY, THEFT, OR OFFENSE AGAINST PUBLIC ADMINISTRATION? ☐YES ■NO
7. HAS THE APPLICANT KNOWINGLY FALSIFIED STATEMENTS OR CONCEALED MATERIAL FACTS IN A MATTER RELATED TO THE DEPARTMENT? ☐YES ■NO
8. HAS THE APPLICANT, BASED ON THE PROVISIONS OF ECL ARTICLE 27-1407 (OR A SIMILAR PROVISION OF FEDERAL OR STATE LAW), 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

Site Eligibility Information (Please refer to ECL § 27-1405)

1. DOES THE SITE MEET THE DEFINITION OF A BROWNFIELD SITE (REAL PROPERTY, THE REDEVELOPMENT OR REUSE OF WHICH MAY BE COMPLICATED BY THE PRESENCE OR POTENTIAL PRESENCE OF A HAZARDOUS WASTE, PETROLEUM, POLLUTANT, OR CONTAMINANT)? ■YES ☐NO
2. IS THE SITE LISTED ON THE NATIONAL PRIORITIES LIST? ☐YES ■NO
3. IS THE SITE LISTED ON THE NYS REGISTRY OF INACTIVE HAZARDOUS WASTE DISPOSAL SITES? IF YES, PLEASE PROVIDE: SITE #_____ CLASS # _____ ☐YES ■NO
4. IS THE SITE SUBJECT TO A PERMIT UNDER ECL ARTICLE 27, TITLE 9, OTHER THAN AN INTERIM STATUS FACILITY? ☐YES ■NO
5. IS THE SITE SUBJECT TO A CLEANUP ORDER UNDER NAVIGATION LAW ARTICLE 12 OR ECL ARTICLE 17 TITLE 10? ☐YES ■NO
6. IS THE SITE SUBJECT TO A STATE OR FEDERAL ENFORCEMENT ACTION RELATED TO HAZARDOUS WASTE OR PETROLEUM? ☐YES ■NO

Project Description

PLEASE ATTACH A DESCRIPTION OF THE PROJECT WHICH INCLUDES THE FOLLOWING COMPONENTS:

- PURPOSE AND SCOPE OF THE PROJECT
- ESTIMATED PROJECT SCHEDULE

(See Attachment B- BCP Application Support Documentation)

Site's Environmental History

TO THE EXTENT THAT EXISTING INFORMATION/STUDIES/REPORTS ARE AVAILABLE TO THE APPLICANT, PLEASE ATTACH THE FOLLOWING:

1. **ENVIRONMENTAL DATA** (See Attachment C)
   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.
   IF A FINAL INVESTIGATION REPORT IS INCLUDED, INDICATE WHETHER IT MEETS THE REQUIREMENTS OF ECL ARTICLE 27-1415(2):
   ☐YES ☐NO
2. **OWNERS**
   A LIST OF PREVIOUS OWNERS WITH NAMES, LAST KNOWN ADDRESSES AND TELEPHONE NUMBERS (DESCRIBE APPLICANT'S RELATIONSHIP, IF ANY, TO EACH PREVIOUS OWNER LISTED. IF NO RELATIONSHIP, PUT "NONE").
3. **OPERATORS**
   A LIST OF PREVIOUS OPERATORS WITH NAMES, LAST KNOWN ADDRESSES AND TELEPHONE NUMBER (DESCRIBE APPLICANT'S RELATIONSHIP, IF ANY, TO EACH PREVIOUS OPERATOR LISTED. IF NO RELATIONSHIP, PUT "NONE").

Contact List Information

PLEASE ATTACH, AT A MINIMUM, THE NAMES AND ADDRESSES OF THE FOLLOWING:

1. THE CHIEF EXECUTIVE OFFICER AND ZONING BOARD CHAIRPERSON OF EACH COUNTY, CITY, TOWN AND VILLAGE IN WHICH THE SITE IS LOCATED.
2. RESIDENTS, OWNERS, AND OCCUPANTS OF THE SITE AND PROPERTIES ADJACENT TO THE SITE.
3. LOCAL NEWS MEDIA FROM WHICH THE COMMUNITY TYPICALLY OBTAINS INFORMATION.
4. THE PUBLIC WATER SUPPLIER WHICH SERVICES THE AREA IN WHICH THE SITE IS LOCATED.
5. ANY PERSON WHO HAS REQUESTED TO BE PLACED ON THE SITE CONTACT LIST.
6. THE ADMINISTRATOR OF ANY SCHOOL OR DAY CARE FACILITY LOCATED ON OR NEAR THE SITE.
7. THE LOCATION OF A DOCUMENT REPOSITORY FOR THE PROJECT (E.G., LOCAL LIBRARY)

Contaminant Information

INDICATE KNOWN OR SUSPECTED CONTAMINANTS AND THE MEDIA WHICH ARE KNOWN OR SUSPECTED TO HAVE BEEN AFFECTED:

Contaminant Category	Soil	Groundwater	Surface Water	Sediment	Soil Gas
Petroleum [1]	✔				
Chlorinated Solvents	✔	✔			Suspected
Other VOCs					
SVOCs					
Metals					
Pesticides					
PCBs					
Other*					

*Please describe: [1] Possible Stoddard Solvent

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

Current Use: ☐ Residential ■ Commercial ☐ Industrial ☐ Other _____

Future Use: ☐ Residential ■ Commercial ☐ Industrial ☐ Other _____

Please check the appropriate boxes and provide an explanation as an attachment if appropriate.

	Yes	No	Unknown
1.Do current historical and/or recent development patterns support the proposed use?	■	☐	☐
2. Is the proposed use consistent with applicable zoning laws/maps? (Legal non-conforming use)	■	☐	☐

3. Is the proposed use consistent with applicable brownfield opportunity area designations? (See GML 970-r)	☐	☐	■
4. Is the proposed use consistent with applicable comprehensive community master plans, local waterfront revitalization plans, other adopted land use plans?	☐	☐	■
5. Are there any Environmental Justice Concerns? (See §27-1415(3)(p)).	☐	■	☐
6. Are there any federal or State land use designations relating to this site?	☐	☐	■
7. Do the population growth patterns and projections support the proposed use?	■	☐	☐
8. Is the site accessible to existing infrastructure?	■	☐	☐
9. Are there important cultural resources, including federal or state historic or heritage sites or Native American religious sites proximate to the site?	☐	■	☐
10. Are there important federal, state or local natural resources, including waterways, wildlife refuges, wetlands, or critical habitats of endangered or threatened species proximate to the site?	☐	■	☐
11. Are there floodplains proximate to the site?	☐	■	☐
12. Are there any institutional controls currently applicable to the site?	☐	■	☐
13. Describe on attachment the proximity to real property currently used for residential use, and to urban, commercial, industrial, agricultural, and recreational areas.			
14. Describe on attachment the potential vulnerability of groundwater to contamination that might migrate from the site, including proximity to wellhead protection and groundwater recharge areas.			
15. Describe on attachment the geography and geology of the site.			
(Note: the 16th criteria relates to comments from the public, which would not be received at the time of application)			

Statement of Certification

(By applicant who is an individual)
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: 6-28-04 Signature: [signature] Print Name: MICHAEL K. LYONS

(By an applicant other than an individual)
I certify that I am SEC/TREASURER (title) of ANDRASCO CLEANERS (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; and 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: 6-28-04 Signature: [signature] Print Name: MICHAEL K. LYONS

SUBMITTAL INFORMATION:

Four (4) complete copies, one with original signatures, are required.

- **Three (3)** of the copies, one with original signatures, 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

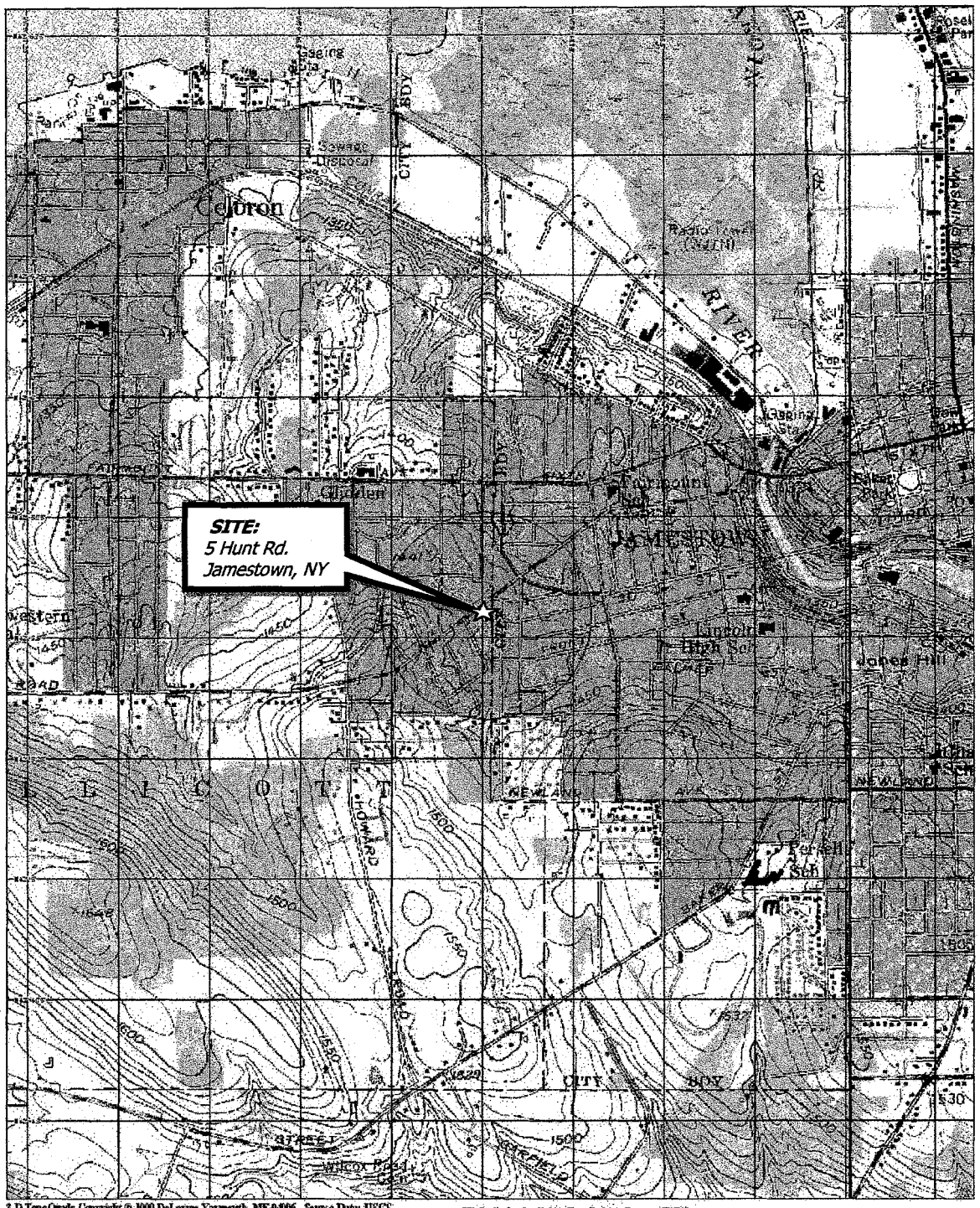
- **One (1)** copy must be sent to the DEC regional contact in the regional office covering the county in which the site is located. Please check our website for the address of our regional offices: http://www.dec.state.ny.us/website/der/index.html

FOR DEPARTMENT USE ONLY

BCP SITE NO:_____ **BCP SITE T&A CODE:**_____ **PROJECT MANAGER:**_____

ATTACHMENT A

FIGURES



Drawing Produced From: 3-D TopoQuads, DeLorme Map Co., referencing USGS quad map Lakewood (NY) 1979 and Jamestown (NY) 1979. Site Lat/Long: N42°05.55'– W79°16.00'

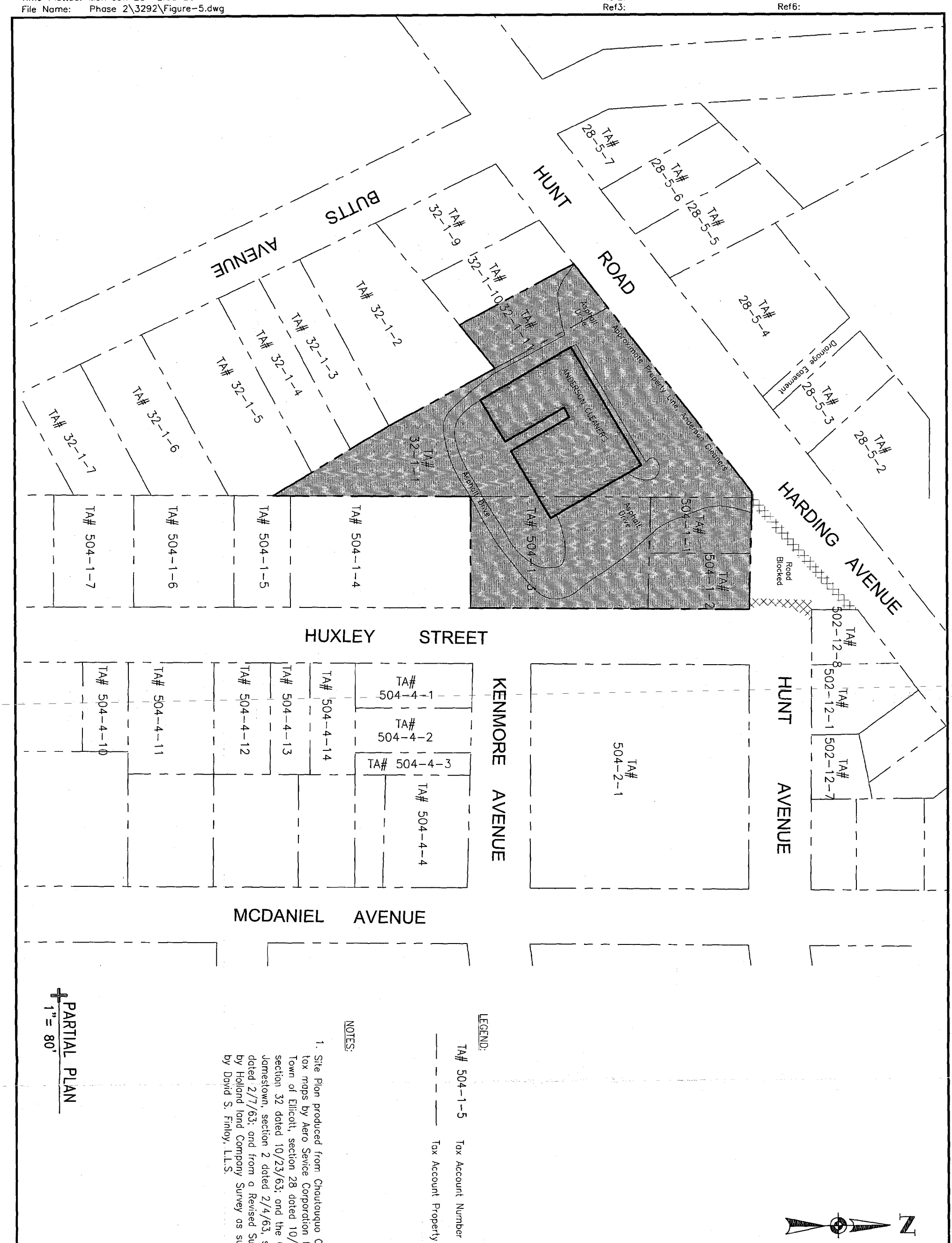
DATE **06-29-2004** DRAWN BY **LRP** SCALE **1" = 2000'**	**day** DAY ENVIRONMENTAL, INC. ENVIRONMENTAL CONSULTANTS ROCHESTER, NEW YORK 14614-1008	PROJECT TITLE **5 HUNT ROAD** **JAMESTOWN, NY** DRAWING TITLE **PROJECT LOCUS MAP**	PROJECT NO. **3292S-03**

Time Plotted: Mon Jun 28 12:35 2004
File Name: Phase 2\3292\Figure-5.dwg

Xerox432AnsiB-2; 11 x 17

Ref1: Base-2.dwg
Ref2:
Ref3:

Ref4:
Ref5:
Ref6:



LEGEND:

TA# 504-1-5 Tax Account Number

—— – – —— Tax Account Property Line

NOTES:

1. Site Plan produced from Chautauqua County tax maps by Aero Sevice Corporation for the Town of Ellicott, section 28 dated 10/22/63, section 32 dated 10/23/63; and the City of Jamestown, section 2 dated 2/4/63, section 4 dated 2/7/63; and from a Revised Survey Plat by Holland land Company Survey as surveyed by David S. Finley, L.L.S.

PARTIAL PLAN
1" = 80'

PROJECT NO.
3292S-03

PROJECT TITLE
5 HUNT ROAD
JAMESTOWN, NY

DRAWING TITLE
Area Plan

day
DAY ENGINEERING, P.C.
ENVIRONMENTAL ENGINEERING CONSULTANTS
ROCHESTER, NEW YORK 14614-1008

PROJECT MANAGER	DATE
JS	09-2003
DRAWN BY	DATE DRAWN
LRP	06-28-2004
SCALE	DATE ISSUED
As Noted	

ATTACHMENT B

BCP APPLICATION SUPPORT DOCUMENTATION

Project Description

Item 1: Purpose and Scope of the Project

Anderson Cleaners, Inc. has agreed to remediate the property at 5 Hunt Road in Jamestown, New York (Site) under the provisions of the New York State Brownfield Cleanup Program (§27-1409).

The Site consists of approximately 2.4 acres located partially in the City of Jamestown and partially in the Town of Ellicott, New York. Anderson Cleaners has operated a dry cleaning operation on this Site since the mid-1940s. To date, environmental studies including an initial Phase I Environmental Site Assessment (Phase I ESA) and supplemental intrusive studies to evaluate recognized environmental conditions (RECs) have been done at the Site. Copies of these reports are included in Attachment C. These studies identified impact to the soil and groundwater at the Site that is apparently related to dry cleaning operations and the following summarizes the findings of the studies completed:

- The dry cleaning solvent PCE, and associated breakdown products trichloroethene (TCE), cis/trans-1,2-dichloroethene (1,2-DCE), and vinyl chloride (VC) were detected in soil and/or groundwater at the Site. PCE was the compound detected at the highest concentrations. The highest PCE concentration in groundwater was found beneath the Courtyard area (81,800 parts per billion – ppb) and beneath the southeastern portion of the building (53,300 ppb). Groundwater PCE concentrations were significantly lower in the two locations tested to the east and south of the building (70 and less than 2 ppb, respectively).

- Based on the distribution of PCE in soil and groundwater, it appears that a release of dry cleaning materials in or near the Courtyard area and/or within the building was the source of contamination. However, the specific source (e.g.: a leaking drain/sewer, a spill incident, etc.) was not identified.

- Evidence of significant Stoddard Solvent impact was not detected in test borings/monitoring wells positioned near the former UST locations. Specifically, mineral spirits were not identified in samples from downgradient monitoring wells. Two soil samples collected from test borings in proximity of the former USTs used to store Stoddard Solvent contained lightweight petroleum hydrocarbons identified as mineral spirits at concentrations of 12,900 and 14,000 ppb. Selected soil samples collected from test borings positioned in proximity of the former USTs used to store Stoddard Solvent were also tested for the target compound list (TCL) via USEPA Method 8260. These samples did not contain detectable xylene concentrations (i.e., a constituent often associated with Stoddard Solvent). However, the elevated PCE concentrations present at the Site resulted in higher detection limits in some samples, thus evaluation of the presence of Stoddard Solvent components may be limited.

- PCB analysis was conducted on two surficial soil samples to evaluate whether waste oil reportedly used for dust suppression may have contained PCBs. No PCBs were found in the two surficial soil samples analyzed.

The scope of the proposed Brownfield Cleanup project for the Site will include:

- Preparation of a Remedial Investigation study to define the nature and extent of contamination; identify the contaminant source area(s); evaluate appropriate Interim Remedial Measures (IRMs); and evaluate/recommend appropriate remedial actions.
- Implementation of recommended IRM(s).
- Preparation of a Remedial Work Plan, which will specify the methods to be used to remediate contamination.
- Implementation and monitoring of the remedial action.

Item 2: Estimated Project Schedule:

Estimated Date(s)	Action
June 29-September 3, 2004	Brownfield Application/public comment on Remedial Investigation Work Plan
September 7-November 12, 2004	Remedial Investigation Field Work (through initial groundwater sample round)
October 2004 (begin work)	Evaluate/implement IRM(s)
December 2, 2004	Submit Remedial Investigation Report (dependant on extent of sampling required) and Remedial Work Plan
April 2005 (earlier start of work is weather dependant)	Implement Remedial Action Plan

Site's Environmental History

Item 1. Environmental Data:

Prior environmental reports prepared by Day Environmental, Inc. (DAY) are included in Attachment C. These include a *Phase I Environmental Site Assessment* (1999) and a *Site Evaluation Summary Report* (March 2004). Additional site-specific information/data is presented in the *Remedial Investigation Work Plan* dated June 2004 (not included with this application).

Item 2. Owners:

Owner Name and Address	Date of Ownership	Relationship to Applicant
Michael Lyons 3605 Overlook Terrace Bemis Point, New York 14202 716-665-2473	1986 to present	Applicant
Sydney and Burton M. Anderson (Brothers)	1950s to1986	Burton M. Anderson is the Father-In-Law of applicant - Mike Lyons
David Anderson	Mid-1940s to 1950s	Father of Sydney and Burton M. Anderson

Ownership before David Anderson is not known, but the property was apparently first developed in the 1930s and used by a towel manufacturer.

Item 3. Operators:

The primary operator at the Site since the 1940s has been:

Anderson Cleaners, Inc.
5 Hunt Road
Jamestown New York 14701

The first record of development on the Site was the construction of the portion of the building currently used as the "Finishing Area" (i.e., the western-most portion of the building). This building was used between about the 1930's and the mid-1940's as a towel manufacturing facility.

Contact Information

1. Chief Executive Officer and Zoning Board Chairperson of Each County, City, Town or Village in Which the Site is Located:

   The property is located in the Town of Ellicott and the City of Jamestown in Chautauqua County.

   a. Town of Ellicott:

      Patrick A. Tyler
      Town Supervisor
      Ellicott Town Hall
      215 South Work Street, Falconer, NY 14733
      (716) 665-5317

      Al Suchar, Chairperson of the Ellicott Zoning Board of Appeals

b. City of Jamestown:

Samuel Teresi, Mayor
Municipal Building
200 East Third Street
Jamestown, NY 14701
(716) 483-7612

Steven Centi, Department of Development Director

c. Chautauqua County:

Mark W. Thomas
County Executive
Gerace Office Building
3 North Erie Street
Mayville, NY 14757
(716) 753-4211

Chautauqua County Planning Department:
Susan Westling, Planning Director
Hall R. Clothier Building, Room B-02
7 North Erie Street
Mayville, NY 14757
(716) 753-4296

2. Residents, Owners and Occupants of the Site and Properties Adjacent to the Site

Subject Site: Anderson Cleaners
5 Hunt Road
Jamestown, New York 14701
Tax identification numbers:
32-1-1 and 32-1-11 (Town of Ellicott)
504-1-1, 504-1-2 and 504-1-3 (City of Jamestown)

Adjoining Property Owners:

A. Town of Ellicott

1. Steven Lindstrum
141 S. Butts Avenue
Jamestown, New York 14701
Tax identification numbers: 32-1-2 and 32-1-3

2. Sharyl Solsbee
   3071 Fluvanna Avenue
   Jamestown, New York 14701
   Tax identification numbers: 32-1-4 and 32-1-5

3. Thomas Sivi
   23 Hunt Road
   Jamestown, New York 14701
   Tax identification numbers: 32-1-9 and 32-1-10

4. John R. Steves and Kerri L. Schroeder
   159 South Butts Avenue
   Jamestown, New York 14701
   Tax identification number: 32-1-6

5. Douglas Johnson
   163 Butts Avenue
   Jamestown, New York 14701
   Tax identification number: 32-1-7

6. Anthony Calimeri
   2 Hunt Road
   Jamestown, New York 14701
   Mailing Address: 525 Hunt Road,
   Jamestown, New York 14701
   Tax identification number: 28-5-2

7. Timothy J. Galbato
   4 Hunt Road
   Jamestown, New York 14701
   Mailing Address: 3821 Cowing Road
   Lakewood, New York 14750
   Tax Identification number: 28-5-3

8. Thomas and Frances Galbato
   10 Hunt Road
   Jamestown, New York 14701
   Mailing Address: 3803 Cowing Road
   Lakewood, New York 14750
   Tax identification numbers: 28-5-4, 28-5-5, 28-5-6 and 28-5-7

B. City of Jamestown

1. David Osborne
   819 Harding Avenue
   Jamestown, New York 14701
   Tax identification numbers: 502-12-1 and 502-12-8

2. Malcolm V. Short
   110 Hunt Avenue
   Jamestown, New York 14701
   Tax identification number: 502-12-7

3. New York Conference of Seventh Day Adventists
   130 MacDaniel Avenue
   Jamestown, New York 14701
   Mailing Address: 4930 W. Seneca Pike
   Syracuse, New York 13215
   Tax identification numbers: 504-2-1, 504-4-1, 504-4-2, 504-4-3, 504-4-4, 504-4-13 and 504-4-14

4. Robert E. Olson
   47 Huxley Street
   Jamestown, New York 14701
   Tax identification numbers: 504-4-11 and 504-4-12

5. Craig Allen Hurd
   42 Huxley Street
   Jamestown, New York 14701
   Tax identification number: 504-1-5

6. Jamestown Board of Public Utilities (presumed owner)
   Huxley Street
   Jamestown, New York 14701
   Mailing Address: 92 Steele Street
   Jamestown, NY 14701
   Tax identification number: 504-1-4

6. Vincent Caruso
   48 Huxley Street
   Jamestown, New York 14701
   Tax identification number: 504-1-6

7. Ross Guido
   54 Huxley Street
   Jamestown, New York 14701
   Tax identification number: 504-1-7

The locations of the above properties are depicted on the Area Plan map (identified by tax account numbers) included in Attachment A.

3. Local News Media From Which the Community Typically Obtains Information.

The Post-Journal
15 W. Second Street
Jamestown, NY 14701
(716) 487-1111

4. The Public Water Supplier Which Services the Area in Which the Site is Located.

Jamestown Board of Public Utilities
92 Steele Street
Jamestown, NY 14701
(716) 661-1660

5. Any Person Who Has Requested to be Placed on the Site Contact List.

None at the present time.

6. The Administrator of Any School or Day Care Facility Located on or Near the Site.

Judy Crawford, Principal
Jamestown Seventh Day Adventist School
130 McDaniel Avenue
Jamestown, New York 14701

7. The Location of a Document Repository for the Project (e.g.: Local Library).

Prendergast Library
509 Cherry Street
Jamestown, NY
(716) 484-7135

Land Use Factors

3. Is the proposed use consistent with applicable brownfield opportunity designations? (See GML 970-r)

Not Applicable- Site is not located within a brownfield opportunity area.

9. Are there important cultural resources, including federal or state historic or heritage sites or Native American religious sites proximate to the Site?

No important cultural resources, including federal or state historic or heritage sites or Native American religious sites were identified within a 1/2-mile radius of the Anderson Cleaners, Inc. property. A FOIL request was submitted to the Seneca Nation of Indians to confirm the absence of religious sites. To date, a response to this request has not been received.

10. Are there important federal, state or local natural resources, including waterways, wildlife refuges, wetlands, or critical habitats of endangered or threatened species proximate to the Site?

No important federal, state or local natural resources, including waterways, wildlife refuges, federal or state wetlands, or critical habitats of endangered or threatened species were identified within a ½-mile radius of the Anderson Cleaners, Inc. property.

11. Are there floodplains proximate to the Site?

The Site is not within a 100- or 500- year flood zone.

13. Describe the proximity to real property currently used for residential use, and to urban, commercial, industrial, agricultural and recreational areas.

The Site is in a mixed residential and commercial area. Adjoining properties are described below:

North: Hunt Road, with greenhouses and residential beyond.
East: Huxley Road, with a Seventh Day Adventist Church and School beyond
South: Electrical substation, with residential beyond.
West: Residential

No agricultural or industrial properties were observed in proximity of the Site, although a commercial greenhouse is located adjacent to the Site (i.e., northwest). Chautauqua Lake, a regional recreational area, lies approximately 1.5 miles northwest of the Anderson Cleaners, Inc. property.

14. Describe the potential vulnerability of groundwater to contamination that might migrate from the site, including proximity to wellhead protection and groundwater recharge areas.

The Anderson Cleaners, Inc. property and the vicinity are served by a municipal (Jamestown) water supply. There is no record of groundwater use in the vicinity of the Site. In the 1950s, supply wells were installed at the Anderson Cleaners, Inc. property, but these wells are no longer in use. According to Mr. Paul Snyder of the Chautauqua County Health Department, Division of Environmental Health, there are no documented public water supply sources within the vicinity of the Site. The closest groundwater supply sources are two wellfields in Ross Mills and Poland Center, which are the sources of the Jamestown water supply. The Ross Mills wellfield is approximately 5 miles north/northeast of the Site, and the Poland Center wellfield is approximately 8 miles east/northeast of the Site. There is no record of private water wells at adjoining properties, however, municipal officials indicated that the existence of private wells would not necessarily be recorded.

Groundwater contamination has been identified at the Anderson Cleaners, Inc. property, however, off-site impacts have not been identified. While off-site impact is a possibility, groundwater supply wells have not been identified in the area of the property.

15. Describe the geography and geology of the Site:

The Anderson Cleaners, Inc. property (Site) and surrounding area slope down gently to the east. There are no surface water bodies on or adjoining the Site. The Chadokoin River is located approximately 3,800 feet northeast of the Site and an unnamed tributary of the Chadokoin River is located about 3,000 feet northwest of the Site. No state-or federally-listed wetlands are located within a ½-mile radius of the Site, However a small area of standing water containing "wetland-type" growth is located in the southern-most portion of the Site.

According to USGS Bulletin 58, *Ground-Water Resources of the Jamestown Area, New York* dated 1966 by Leslie J. Crain, the Site is in an area "in which the surficial deposits were formed as glacial moraines. Sand, gravel, lake-laid silt and clay, and till are all present as irregular masses and layers. Sand and gravel are generally of minor importance." Additionally, the Site is in an area in which "water-bearing deposits consist of sand or interbedded layers of sand and of gravel overlain by silt and clay till mixed deposits)...The water bearing layers are generally only a few feet thick. Some of the layers are highly permeable. Water is confined under artesian condition."

DAY characterized site-specific subsurface conditions during initial studies conducted in 2003. These studies are summarized in a report titled *Site Evaluation Summary Report, Anderson Cleaners, Jamestown, New York* dated March 2004. A copy of this report is included in Attachment C. Additionally, Ehmke Drilling provided copies of drilling logs for wells installed at the Site in the 1950s. Based upon the above information, the generalized subsurface conditions anticipated at the Site and its environs are presented below.

- Groundwater in monitoring wells (and an abandoned supply well) was typically measured at depths of about 1 to 1.5 feet below the ground surface. It appears that the groundwater at the Site may be under artesian conditions, since the upper 5^{+} feet of soils were classified as typically damp to moist during the advancement of test borings, but the groundwater was observed to rise when the test borings were advanced into underlying granular deposits.

- Groundwater flow is generally to the east/northeast across the property.

- Equipment refusal (using direct-push boring methods) was encountered between about 10.3 and 14.5 feet below the ground surface.

- Subsurface materials encountered in the test borings completed by DAY generally consisted of fill materials (ground surface to about 2-4 feet) over clayey silt (generally at a 7 to 9 foot depth). A sand to sand/gravel deposit was encountered in many of the test borings below the clayey silt deposit and this deposit generally extended to the

bottom of the test borings (i.e.; equipment refusal). In some borings, an approximate 1-foot thick lens of sand and gravel was encountered within the clayey silt and the clayey silt extended to the bottom of the test borings.

- According to information provided by Ehmke Drilling shale bedrock underlies the Site at a depth of about 31 to 33.5 feet below the ground surface.

ATTACHMENT C

AVAILABLE ENVIRONMENTAL REPORTS

- Privileged and Confidential -

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

CLIENT

PREPARED FOR:	Anderson Cleaners 5 Hunt Road Jamestown, New York
CLIENT CONTACT:	Mr. Michael Lyons (716) 665-2473

PROPERTY INFORMATION

ADDRESS:	5 Hunt Road, vacant land on Hunt Road, and vacant land on Huxley Street
MUNICIPALITY:	Town of Ellicott and City of Jamestown
COUNTY/STATE:	Chautauqua County, New York
TAX ACCOUNT #:	32-1-1, 32-1-11, 504-1-1, 504-1-2, and 504-1-3
PARCEL SIZE:	Approximately 2.44 acres
IMPROVEMENTS:	An approximate 11,400-square foot, one-story building. Brick and block construction. Dates of construction: southwest (finishing) portion: 1930's; south-central (dry cleaning) portion: 1947; northern (office) portion and eastern (garages) portion: 1985
CURRENT USE:	Dry cleaning plant and retail
CURRENT OWNER:	Mr. Michael Lyons
PAST USE:	Towel factory
SITE CONTACT:	Mr. Michael Lyons (716) 665-2473
SITE LOCATION MAP:	Attached in Appendix A

SUMMARY OF ENVIRONMENTAL CONCERNS

ENVIRONMENTAL CONCERNS:	(X) Environmental Concern(s) Identified
	( ) Environmental Concern(s) Not Identified
FURTHER INVESTIGATION(S):	(X) Further Investigation(s) Recommended
	( ) Further Investigation(s) Not Recommended

ASSESSMENT SUMMARY

Notes:

1. An abstract of title was not provided to assist in determining prior property ownership and uses. Investigation of property history, and requesting environmental agency information concerning prior owners, are important elements of a Phase I Environmental Site Assessment (Phase I ESA). The conclusions in this report are subject to any state of facts which review of an abstract of title might show, directly or indirectly (refer to Section 1.1).

2. It was a reported that a fire occurred on the assessed property in 1985, and that the fire destroyed an office building and a garage on the assessed property. It was also reported that the fire did not directly affect the dry cleaning plant (south-central) portion of the assessed property, although the dry cleaning plant did suffer heat damage (refer to Sections 4.1 and 4.3). Since the fire did not directly affect the dry cleaning portion of the assessed property, investigation on the assessed property regarding the fire does not appear warranted at this time.

ENVIRONMENTAL STATUS OF PROPERTY:

Based on the investigations performed, further inquiry is needed to appropriately assess the environmental status of the assessed property. Listed below are the environmental concerns and recommended actions that have been identified:

1. **Former Underground Storage Tanks:** It was reported that underground storage tanks (USTs) that were used to contain stoddard solvent were formerly located on the assessed property. It was reported that the USTs were installed in 1947 in a location that is currently underneath the southernmost garage of the assessed building. It was also reported that the tanks were removed some time between 1978 and 1985 (refer to Sections 4.1, 4.2, and 4.4).

   Recommendations: It is recommended that a cursory subsurface study be conducted in the suspected former tank location area to evaluate the potential existence of contamination resulting from the past presence of USTs. If evidence of contamination is encountered in the soil and/or groundwater, further studies and/or remediation of soil and/or groundwater may be warranted.

2. **Historical Use/Historical Practices/Former Floor Drain:** It was reported that the assessed property has been used as a dry cleaning operation since 1947 (refer to Section 4.4). It was also reported that waste oil may have been used for dust suppression on areas of the assessed property (refer to Sections 4.1 and 4.4). Also, it was reported that at one time a floor drain was located in the dry cleaning area of the assessed property, and that this floor drain has been capped off (refer to Section 4.2). The discharge location of this former floor drain is unknown. (Note, if leaks or spills of dry cleaning solvents, petroleum products, hazardous materials, or other such materials were discharged into the floor drain, and the floor drain was not connected to the sanitary sewer (or if the integrity of these systems is poor), the potential exists for contamination of the environment).

ASSESSMENT SUMMARY (Cont.)

Recommendations: It is recommended that cursory subsurface studies be performed in areas historically used for storage or use of dry cleaning solvents and chemicals, in suspected waste oil application areas, and in the former floor drain area to evaluate the potential existence of contamination resulting from past discharges. If evidence of contamination is encountered in the soil and/or groundwater during these studies, further studies and/or remediation may be warranted.

3. **Suspect Asbestos-Containing Material (SACM):** Suspect asbestos-containing material (SACM) that was observed to be in damaged and/or friable condition is identified as follows (refer to Section 3.5):

   - Approximately 50 linear feet of pipe wrap insulation with nicks, gouges, and exposed ends on steam piping in the finishing area of the assessed building.

   Recommendations: Since the amount of damaged and/or friable SACM is minor, it is recommended that it be assumed that the SACM contains asbestos, and that the material be removed and disposed of by a licensed and accredited asbestos-abatement contractor in accordance with current applicable state and federal regulations.

No other environmental concerns have been identified.

OPERATIONAL CONCERN AND RECOMMENDATIONS:

Although beyond the scope of the routine environmental site assessment, the operational concern listed below has been identified. This operational concern is not considered to be a liability which should normally impact real estate or mortgage loan transactions. Rather, this concern is listed for informational purposes, and it is recommended that it be addressed for compliance with existing regulations and/or to minimize the potential for future environmental liabilities. Since identification of operational concerns is incidental to the purpose of this assessment, correction of this item may not necessarily result in full compliance with all applicable environmental regulations.

1. **Spillage of perchloroethylene:** A spill of perchloroethylene was observed near the southernmost dry cleaning machine in the dry cleaning area of the assessed building. This spill appeared to be the result of leakage from the dry cleaning machine (refer to Section 3.3).

   Recommendations: It is recommended that this area of spillage be cleaned up and disposed of in accordance with applicable regulations. It is also recommended that the dry cleaning machine be checked for leaks and repaired if necessary.

1.0 TITLE AND HISTORICAL DATA

1.1	**ABSTRACT OF TITLE:**	See Footnote (1.1)
1.2	**AERIAL PHOTOGRAPHS:**	Chautauqua County Soil Conservation Service Photograph Dates: 1938, 1956, 1966, 1977, and 1990 See Footnote (1.2)
1.3	**TOPOGRAPHIC MAP:**	Lakewood Quadrangle (map date 1954, photorevised 1979)
1.4	**ATLAS OF CHAUTUQUA:**	Fenton History Center Map Date: 1881 See Footnote (1.4)
1.5	**DIRECTORIES:**	Fenton History Center Directory Dates: 1946, 1950, 1957-58, 1967, 1977, 1985, and 1991 See Footnote (1.5)
1.6	**FLOOR PLANS:**	Plan Date: 10/24/85 See Footnote (1.6)
1.7	**SURVEY MAP:**	Map Date: 5/12/75 Attached in Appendix A

PERTINENT INFORMATION, REFERENCED TO ITS SOURCE, IS SUMMARIZED BELOW:

(1.1) An abstract of title was not provided to assist in determining prior property ownership and uses. Investigation of property history, and requesting environmental agency information concerning prior owners, are important elements of a Phase I ESA. The conclusions in this report are subject to any state of facts which review of an abstract of title might show, directly or indirectly.

(1.2) A review of the aerial photographs (listed above) did not identify environmental concerns on the assessed property. In the 1938 photograph, one building with two large sections and one smaller section appeared to be located on the assessed property. In the 1956 through 1977 photographs, one building with three large sections and one smaller section, in a different configuration than the 1938 photograph, appeared to be located on the assessed property. In 1990 photograph, one building in a different configuration, with what appeared to be four sections, appeared to be located on the assessed property.

(1.4) A review of the 1881 Atlas of Chautauqua indicated that the portion of the assessed property located in the Town of Ellicott (i.e., the portion of the assessed property currently containing the building) appeared to be part of a 42-acre parcel of land identified as being owned by Mrs. Bratt. The portion of the assessed property located in the City of Jamestown (i.e., the portion of the assessed property that is currently vacant) appeared to be part of a 25-acre parcel of property identified as being owned by E. & F. Hunt. No structures appeared to be located on the assessed property.

1.0 TITLE AND HISTORICAL DATA (Cont.)

(1.5) A review of Polk street directories indicated the following occupants of the assessed property:

- 1946: Anderson Cleaning Works
- 1950: Anderson Cleaners
- 1957-58: Anderson Cleaners, Anderson Specialty Manufacturing Company (clothing cleaning equipment)
- 1967: Anderson Cleaners, Anderson Specialty Manufacturing Company (cleaning equipment), Jamestown Armored Car Service, Inc.
- 1977: Anderson Cleaners, Jamestown Armored Car Service, Inc.
- 1985: Anderson Cleaners, Jamestown Armored Car Service, Inc.
- 1991: Anderson Cleaners, Jamestown Armored Car Service, Inc., Lutheran Brotherhood, Lyons Den (men's clothing-retail)

(1.6) A review of plans dated 10/24/85 indicated that one floor drain is located in each of the two garages on the assessed property, and that one floor drain is located in the bathroom located between the two garages on the assessed property. The plans also indicated that the floor drains discharge to the sanitary sewer system. The plans indicated that the building discharges to the City of Jamestown sanitary sewer system, and that the abandoned sanitary sewer line which previously discharged to the Town of Ellicott sanitary sewer system (and subsequently connected to the City of Jamestown sanitary sewer system) was capped.

2.0 PUBLIC INFORMATION/AGENCIES

2.1 NYSDEC FOIL:

Michael Lyons, Anderson Cleaners, Jamestown Armored Car Service, Inc., Lutheran Brotherhood, Lyons Den, Anderson Specialty Manufacturing Co., Burton Anderson, Sydney Anderson: 5 Hunt Road, vacant land on Hunt Road and Huxley Street, Town of Ellicott and City of Jamestown, New York.
Date of Request: 3/24/99
Date of Response: 4/26/99
See Footnote (2.1)

2.2 CHAUTAUQUA COUNTY:

Department of Health
Mr. Steve Johnson, P.E.
(716) 753-4481
Freedom of Information Law Request Submitted: 3/15/99
Response Received: 3/26/99
See Footnote (2.2)

2.3 TOWN OF ELLICOTT:

Mr. Bill Davies, Building Inspector
(716) 665-5317
Date of Contact: 3/19/99
See Footnote (2.3)

Assessor's Office
(716) 665-5317
Date of Contact: 3/18/99

2.4 VILLAGE OF CELORON

Mr. Scott Bailey, Fire Chief
(716) 483-6890
Date of Contact: 3/19/99
See Footnote (2.4)

2.5 CITY OF JAMESTOWN

Assessor's Office
(716) 483-7510
Date of Contact: 3/18/99

2.6 SOLID AND/OR INACTIVE HAZARDOUS WASTE SITE DATABASES:

2.6.1 NYSDEC: Records Date: 1/99

Assessed Property: Not Listed.
1-Mile Radius: None Listed.

2.6.2 NPL: Records Date: 1/98

Assessed Property: Not Listed.
1-Mile Radius: None Listed.

2.0 PUBLIC INFORMATION/AGENCIES (Cont.)

2.6.3 CERCLIS:	Records Date: 4/98
Assessed Property:	Not Listed.
0.5-Mile Radius:	None Listed.
2.6.4 NYS FACILITY REGISTER:	Records Date: 6/98
Assessed Property:	Not Listed.
0.5-Mile Radius:	None Listed.
2.6.5 NYSDEC HAZARDOUS SUBSTANCE WASTE DISPOSAL SITES:	Records Date: 12/98
Assessed Property:	Not Listed.
1-Mile Radius:	None Listed.

2.7 TANK REGISTRATION RECORDS:

2.7.1 NYSDEC PBS:	Records Date: 12/98
Assessed Property:	Not Listed.
Adjoining Property:	None Listed.
2.8 NYSDEC SPILLS/LUST:	Records Date: 12/98
Assessed Property:	Not Listed.
0.5-Mile Radius:	Listed. See Footnote (2.8)

2.9 OTHER GOVERNMENTAL RECORDS:

2.9.1 RCRA TSD FACILITIES:	Records Date: 4/97
Assessed Property:	Not Listed.
1-Mile Radius:	None Listed.
2.9.2 RCRA GENERATORS:	Records Date: 4/97
Assessed Property:	Listed. See Footnote (2.9.2)
Adjoining Property:	None Listed.
2.9.3 ERNS List:	Records Date: 2/98
Assessed Property:	Not Listed.

2.0 PUBLIC INFORMATION/AGENCIES (Cont.)

PERTINENT INFORMATION, REFERENCED TO ITS SOURCE, IS SUMMARIZED BELOW.

(2.1) A Freedom of Information Law (FOIL) request was submitted to the New York State Department of Environmental Conservation (NYSDEC) for the assessed property. The response indicated that the NYSDEC has no files in relation to the assessed property.

(2.2) A Freedom of Information Law (FOIL) request was submitted to the Chautauqua County Department of Health (CCDOH) for the assessed property. The response indicated that the CCDOH has no files in relation to the assessed property.

(2.3) Mr. Davies, Town of Ellicott Building Inspector, indicated that he has no knowledge of environmental problems or fill at the assessed property. Mr. Davies indicated that the assessed property is serviced by the public water and public sewer systems.

(2.4) Mr. Bailey, Village of Celoron Fire Chief, indicated that he has no knowledge of spills, storage tanks, or environmental problems at the assessed property.

(2.8) A review of the NYSDEC spills database identified up to six closed spills within a 0.5-mile radius of the assessed property. A spill listed as closed normally indicates that investigations and/or remediation at the spill site have been completed.

One active spill was also identified within a 0.5-mile radius of the assessed property. The active spill site was listed as located approximately 0.5-miles east of the assessed property. The distance and location of this active spill site from the assessed property suggest no environmental impact upon the assessed property.

(2.9.2) The assessed facility has received a USEPA identification number (Code #NYD012774063). This listing indicates that hazardous waste is generated on the assessed property (i.e., perchloroethylene sludge, dry cleaning filter cartridges, etc).

3.0 SITE OBSERVATIONS

Date Of Site Visit:	3/17/99 and 6/14/99
Assessor(s):	Susan E. Robertson
3.1 FILL:	No Observations of Concern.
3.2 DEBRIS/DUMPING:	No Observations of Concern.
3.3 SPILLAGE/STAINING:	No Observations of Concern. See Footnote (3.3)
3.4 UTILITIES:	
3.4.1 TRANSFORMERS:	No Observations of Concern.
3.4.2 FLOOR DRAINS/SUMPS:	No Observations of Concern. See Footnote (3.4.2)
3.4.3 SERVICES:	No Observations of Concern. See Footnote (3.4.3)
3.5 ASBESTOS:	Observations of Concern. See Footnote (3.5)
3.6 OPERATIONS/EQUIPMENT:	
3.6.1 STORAGE TANKS:	No Observations of Concern
3.6.2 MATERIALS STORAGE:	No Observations of Concern. See Footnote (3.6.2)
3.6.3 MATERIALS USE:	No Observations of Concern
3.6.4 SOLID WASTE:	No Observations of Concern. See Footnote (3.6.4)
3.6.5 WASTEWATER:	No Observations of Concern.
3.6.6 AIR EMISSIONS:	No Observations of Concern
3.6.7 EQUIPMENT:	No Observations of Concern. See Footnote (3.6.7)
3.7 TOPOGRAPHIC CONDITIONS:	No Observations of Concern. See Footnote (3.7)
3.8 ADJOINING PROPERTIES:	No Observations of Concern.
North:	Hunt Road, with greenhouses and residential beyond.
East:	Huxley Road, with church beyond.
South:	Electrical substation, with residential beyond.
West:	Residential.

3.0 SITE OBSERVATIONS (Cont.)

PERTINENT INFORMATION, REFERENCED TO ITS SOURCE, IS SUMMARIZED BELOW

(3.3) A spill of perchloroethylene was observed near the southernmost dry cleaning machine in the dry cleaning area of the assessed building. This spill appeared to be the result of leakage from the dry cleaning machine. The spill was less than one square foot in size. This spill did not appear to represent an environmental concern.

(3.4.2) One floor drain was observed in each of the two garages on the assessed property. One floor drain was also observed in the restroom between the two garages on the assessed property. No signs of concern (e.g., sheen or odors) were observed in the vicinity of the floor drains on the assessed property.

(3.4.3) The assessed property is serviced by municipal water and sewer systems. It was reported that the assessed building was connected to the public sanitary sewer system at the time of building construction (refer to Sections 4.1 and 4.4). The assessed building, with the exception of the office area, is heated with a boiler system which is fueled with natural gas. The office area of the assessed building is heated with a forced-air furnace system which is fueled with natural gas.

(3.5) Suspect asbestos-containing material (SACM) that was observed to be in damaged and/or friable condition is identified as follows:

- Approximately 50 linear feet of pipe wrap insulation with nicks, gouges, and exposed ends on steam piping in the finishing area of the assessed building.

(3.6.2) Materials observed to be stored in the dry cleaning portion of the assessed building included:

- Two approximate 30-gallon containers of waste sludge;
- one 5-gallon container of waste lint;
- one approximate 40-gallon container of dry cleaning soap;
- two 5-gallon containers of paint; and
- one 1-gallon container of paint thinner.

Materials observed to be stored in the garage/standard laundry portion of the assessed building included:

- Four 5-gallon containers of bleach;
- two 5-gallon containers of alkaline detergent;
- two 5-gallon containers of sour soap rinse/remover;
- seven 5-gallon containers of various detergents;
- one 5-gallon container of color safe oxygen bleach;
- one 5-gallon container of sour rust-removing detergent;
- two 2-gallon containers of Wisk;

3.0 SITE OBSERVATIONS (Cont.)

- one 1-gallon container of Simple Green cleaner;
- three 1-gallon containers of citrus cleaner;
- four 1-gallon containers of spot remover;
- two 1-gallon containers of titanium stripper;
- one 1-gallon container of deodorizer;
- five 1-gallon containers of detergents;
- three 1-gallon containers of dry cleaning solvent spotting agent;
- one 1-gallon container of amyl acetate glue removal;
- one 1-gallon container of vinegar;
- two 1-gallon containers of Teflon water repellant;
- one 1-gallon container Wetspot blood remover;
- four 1-gallon containers of odor remover; and,
- one 1-gallon container of Murphy's Oil Soap.

Materials observed to be stored in the northernmost garage of the assessed building included:

- One 55-gallon drum of starch;
- seven 1-gallon containers of carpet cleaner; and,
- two 5-gallon containers of carpet cleaners.

Materials observed to be stored in the southernmost garage of the assessed building included:

- One 10-gallon container of car wash soap.

Materials observed to be stored in the boiler room of the assessed building included:

- Eleven 40-pound bags of salt for a water softener.

No signs of concern (e.g. spillage or staining) were observed in the vicinity of the materials stored on the assessed property.

(3.6.4) Solid waste generated on the assessed property is stored in a shed located on the southern portion of the assessed property. It was reported that solid waste is picked up for disposal off the assessed property by a local waste hauler (refer to Section 4.1).

(3.6.7) Equipment observed in the assessed building included:

- One electric and steam dryer located in the finishing area;
- 14 steam presses located in the finishing area;
- two dry cleaning machines located in the dry cleaning area;
- one water/perchloroethylene separator machine;
- one electric and steam dryer located in the dry cleaning area;
- one fur machine in the dry cleaning area;
- three standard washing machines located in the garage area;

3.0 SITE OBSERVATIONS (Cont.)

- three electric and steam dryers located in the garage/standard laundry area;
- one carpet cleaning machine located in the northernmost garage; and,
- two compressors located in the boiler room.

No signs of concern (e.g., spillage or staining) were observed in the vicinity of the equipment observed on the assessed property.

(3.7) The assessed property and surrounding area slope gently toward the east. There are no surface water bodies on the assessed property.

4.0 INTERVIEWS

4.1	Mr. Michael Lyons Property Owner Date of Interview: 3/17/99	Concern Identified. See Footnote (4.1)
4.2	Mr. Jack Bargar General Manager Anderson Cleaners Date of Interview: 3/17/99	Concern Identified. See Footnote (4.2)
4.3	Ms. Edith Woodward Plant Manager Anderson Cleaners Date of Interview: 3/17/99	No Concern Identified. See Footnote (4.3)
4.4	Mr. Burton Anderson Former Property Owner Date of Interview: 3/23/99	Concern Identified. See Footnote (4.4)

PERTINENT INFORMATION, REFERENCED TO ITS SOURCE, IS SUMMARIZED BELOW.

(4.1) Mr. Lyons indicated that he has no knowledge of current or past environmental liens against the assessed property, or knowledge of environmental concerns associated with the assessed property.

The following is a summary of information provided by Mr. Lyons:

- The assessed property has been a dry cleaning plant since the 1940s. During the time that the assessed property has been a dry cleaning plant, it has also housed a uniform rental business, an armored car business, and various offices. Prior to the use as a dry cleaning plant, the assessed property was used as a towel factory. Currently, the assessed property is used as a dry cleaning plant, a retail tuxedo shop, a retail novelty shop, and a computer software office.
- He has owned the assessed property since 1986. Previously, the assessed property was owned by Burton and Sydney Anderson, and prior to that, it was owned by their father, David Anderson. David Anderson purchased the assessed property in the mid-1940s.
- The assessed property consists of several parcels, some of which are in the Town of Ellicott, and some of which are in the City of Jamestown.
- A major fire occurred on the assessed property in 1985, destroying the former office building and a garage on the assessed property, which were approximately 8,000-square feet in size. The office building was a wooden two-story structure with an attic located on the northern portion of the assessed property, and the garage was a one-story building located to the east of the dry cleaning plant building. The fire was

4.0 INTERVIEWS (Cont.)

caused by a seize-up in a compressor located in the garage. After the fire, demolition materials were disposed of off-site.

- The fire engulfed the office and garage area of the assessed building; however, it did not directly affect the dry cleaning plant area or the finishing area.
- At the time of the fire, chemicals stored on site consisted of laundry soaps, spotting agents, and chloride powder.
- After the fire, a new one-story concrete block office building was built on the northern portion of the assessed property, and two garages were built adjoining the east end of the assessed building.
- The plumbing lines in the assessed building were reconfigured after the fire. Previously, the plumbing discharged to the Town of Ellicott sanitary sewer system. The plumbing was re-routed out the east side of the building into the City of Jamestown sanitary sewer system. The old sewer line was capped off.
- The assessed building has been connected to the public sanitary sewer since the time it was built.
- Floor drains are located in the garages in the assessed building and they are connected to the sanitary sewer system.
- The dry cleaning machines are a closed system. They are cooled by non-contact cooling water, which is discharged to the sanitary sewer system.
- The dry cleaning machines use perchloroethylene which is delivered directly to their machines by their supplier. The machines distill the solvent, re-using the distilled solvent, and collecting the waste material. The waste material is a sludge which consists of dirt and some solvent. Safety-Kleen picks up the sludge, lint from the dry cleaning machines, and filter cartridges from the dry cleaning machines for off-site processing and disposal.
- One unused but accessible well is located inside the assessed building. A spot in the parking lot of the assessed property where water naturally flows out of the ground may be the location of another old well.
- The portions of the assessed building constructed in 1985 are insulated with blown-in insulation. The roof is partially covered with a rubberized roofing material and partially covered with a slag roof.
- It is possible that waste oil was applied to the assessed property in the past for dust suppression.
- At some time in the past, tanks for stoddard solvent storage were located in an area which is now underneath the garage on the southeast end of the assessed building. These tanks were removed at some time before the current garage was built in 1985.
- Non-hazardous solid waste generated on the assessed building is stored in a shed on the southern portion of the assessed property. (It was reported that solid waste is picked up for off-site disposal by Bernie Jones, a local hauler [refer to Section 4.3]).

4.0 INTERVIEWS (Cont.)

- Removal of asbestos-containing pipe wrap was performed in the assessed building in the 1970s. The materials were disposed of in an off-site landfill.

(4.2) The following is a summary of information provided by Mr. Bargar:

- Mr. Bargar indicated that he has worked at Anderson Cleaners since 1977.
- Mr. Bargar indicated that Anderson Cleaners switched from stoddard solvent to perchloroethylene in 1978. The stoddard solvent was stored in underground storage tanks which were located in an area which is now underneath the garage on the southeast end of the assessed building. The tanks were removed some time before the garage was built in 1985. The tanks were originally installed at the time the dry cleaning (south-central) portion of the assessed building was built (i.e., 1947).
- Prior to the use of Safety-Kleen for the removal of waste sludge, lint, and filter cartridges, the practice was to dispose of waste from the dry cleaning distillation process with the other waste that went to the local landfill.
- Floor drains are located in the garages in the assessed building. No floor drains are currently located in the dry cleaning plant area of the building; however, at one time, a floor drain was located in the dry cleaning plant area. This floor drain was capped off in the past.
- Very little vehicle maintenance takes place on site. No oil changes are performed on site.
- Perchloroethylene is pumped directly into the dry cleaning machines by their supplier. Sludge from the distillation process in the dry cleaning machines is collected in approximately 30-gallon containers which are supplied by Safety-Kleen. Waste lint is combined with the waste sludge. The sludge mixture and filter cartridges are picked up by Safety-Kleen for off-site disposal one time per month.
- Mr. Bargar indicated that, to the best of his knowledge, there have not been any spills on-site since he started working at Anderson Cleaners in 1977.
- After the fire in 1985, most of the equipment on the assessed property was replaced.
- Solid waste generated on the assessed property is stored in a shed on the southern portion of the assessed property and is picked up for off-site landfill disposal by a local hauler.
- Asbestos-containing pipe wrap material was removed many years ago from the assessed property. The asbestos-containing material was disposed of off-site in a landfill.

(4.3) The following is a summary of information provided by Ms. Woodward:

- Moisture collected from dry cleaned clothing is placed into a machine that is located behind the dry cleaning machines. This machine separates water and perchloroethylene by evaporating the water fraction. Perchloroethylene recovered from this machine is returned to the dry cleaning machines.

4.0 INTERVIEWS (Cont.)

- The materials stored in the assessed building are used as part of the cleaning business on the assessed property.
- Anderson Cleaners has a dry cleaning service, a standard laundry service, and a carpet cleaning service.
- Solid waste is picked up off the assessed property for off-site disposal by Bernie Jones, a local hauler.
- The 1985 fire was located in the office and garage portions of the assessed building. Fire doors closed and saved the remaining portions of the assessed building; however, the dry cleaning portion of the assessed building suffered heat damage.

(4.4) The following is a summary of information provided by Mr. Anderson:

- Michael Lyons purchased the assessed property from him in 1986.
- The assessed property was formerly owned by his father, David G. Anderson.
- The dry cleaning plant area of the assessed building was built in 1947.
- The finishing plant portion of the assessed building was constructed during the 1930s.
- The assessed property was formerly a towel mill, known as Hall Towel Mills. During World War II, sleeping bags were manufactured on the assessed property.
- The assessed building has been connected to the public sanitary sewer system since the time it was built. At one time, it was part of the Town of Celoron Sewer District.
- Since the time that the assessed property has been used as Anderson Cleaners, no manufacturing has occurred on the assessed property.
- Waste oil for dust suppression may have been used for a short time in the 1940's on unpaved areas of the assessed property.
- To the best of his knowledge, no spills have occurred on the assessed property.
- Three approximate 1,100-gallon underground storage tanks were installed on the assessed property in 1947. They were located to the east of the dry cleaning portion of the assessed building, in an area which is currently under one of the garages on the assessed property. The tanks were removed sometime between 1978 and 1985. There is no documentation regarding the removal of these tanks.
- Waste sludge from the dry cleaning process was disposed of in an off-site landfill. No waste materials were dumped on-site.

SIGNATURES:

Susan E. Robertson

Susan E. Robertson, Environmental Assessor

David D. Day

Day Environmental, Inc.
David D. Day, President

REPORT EXPLANATION

PURPOSE OF AN ENVIRONMENTAL SITE ASSESSMENT:

The purpose of an environmental site assessment is to perform the appropriate inquiry into the environmental condition of a property to identify the potential CERCLA/SARA liability for the cleanup of hazardous substances, and to establish the defense for such liability.

SCOPE OF A PHASE I ENVIRONMENTAL SITE ASSESSMENT:

This Phase I Environmental Site Assessment has been performed in general conformance with the scope and limitations of ASTM Practice E1527. Exceptions to, and/or deletions from, this practice are described in the summary of this report.

A Phase I Environmental Site Assessment is the initial level of inquiry into the history, use and condition of a property and area, which establishes the reasonable presumption that environmental concerns do or do not exist. The Phase I Environmental Site Assessment consists of four (4) basic inquiry components:

1. Review of the title to the property and historical data to identify prior ownership and uses which represent a potential risk for contamination of the property.
2. Review of available public information and environmental records to identify site and area facilities, conditions, activities and substances of use of environmental concern that have been recorded by federal, state and local agencies.
3. Site reconnaissance of the property to identify conditions which indicate the presence or potential presence of hazardous substances and contamination.
4. Interviews with the owners, operators and persons familiar with the site and area to identify conditions and operations of environmental concern.

The Phase I Environmental Site Assessment will conclude that either (a) further inquiry into the environmental status of a property is not needed and appropriate inquiry has been performed or (b) further inquiry is needed to appropriately assess the environmental status of the property.

NON-CERCLA/SARA LIABILITIES:

There are risks associated with the environmental condition of a property which are not a potential CERCLA/SARA liability and are not subject to incurrence of response costs under CERCLA. Due to the frequency of occurrence, the scope of the Phase I Environmental Site Assessment has been expanded to include the identification of petroleum liabilities and friable asbestos. No other assessment of non-CERCLA/SARA liabilities has been performed unless specifically identified in the report narrative.

ASBESTOS:

Where apparent, damaged and/or friable SACM has been identified; however, a complete visual inspection and records review for SACM was not performed as part of this assessment. As a result, this facility may contain other SACM which is not identified in this report.

SACM is identified as a potential environmental concern when the observable condition (i.e., exposed, damaged and/or friable) suggests the release of debris and/or fibers under normal facility operations. If the SACM actually contains asbestos, the release of debris and/or fibers could pose an asbestos-exposure hazard. In order to determine if the SACM contains asbestos, the SACM must be sampled and analyzed.

Should any asbestos-containing material (ACM) at this facility be disturbed through abatement, removal, maintenance, renovation, demolition, etc., the handling and disposal of the ACM is subject to applicable state and federal regulations. Also, no representations are made regarding previous disturbance and/or removal of ACM at this facility.

OPERATIONAL CONCERNS:

Although beyond the scope of the routine environmental site assessment, operational concerns may be identified. Operational concerns are not considered to be liabilities which should impact real estate or mortgage loan transactions. Rather, operational concerns are listed for informational purposes, and it is recommended that they be addressed for compliance with existing regulations and/or to minimize the potential for further environmental liabilities. Since identification of operational concerns is incidental to the purpose of this assessment, correction of these items may not necessarily result in full compliance with all applicable environmental regulations.

NOTES:

NOTES are used in the Assessment Summary either to identify special property conditions, or to identify and explain conditions which might characteristically be a potential environmental concern, but where the assessment inquiry has not established the reasonable presumption that an environmental liability does exist.

DATA QUALIFICATION:

Environmental site assessment conclusions are made based on the data available for the dates identified. The conclusions are subject to any state of facts which would be identified by updated data. No assurances are made as the accuracy or completeness of data obtained from outside information sources. Also, it is possible that not all existing sites within the search radii specified in Section 2 of this report have been identified, due to factors such as urban density and potential insufficiencies in the databases.

SITE VISIT QUALIFICATION:

Where the site observations are limited to representative areas, or where facilities are inaccessible for observation, the environmental site assessment conclusions are subject to any statement of facts which access to those areas would have revealed.

ABBREVATIONS/ACRONYMS:

ASTM – American Society for Testing and Materials
CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS – Comprehensive Environmental Response, Compensation, and Liability Information System
EPA – (United States) Environmental Protection Agency
ERNS – Emergency Response Notification System
FOIL – Freedom of Information Law
LUST – Leaking Underground Storage Tank
N/A – Not Applicable; Not Available
NPL – National Priorities List
NYS – New York State
NYSDEC – New York State Department of Environmental Conservation
PBS – Petroleum Bulk Storage
RCRA – Resource, Conservation, and Recovery Act
SACM – Suspect Asbestos-Containing Material
SARA – Superfund Amendments and Reauthorization Act of 1986
TSD – Treatment, Storage, and Disposal
UST – Underground Storage Tank

APPENDIX A

TIME PLOTTED: MON MAR 22, 14:15:00 1999
FILENAME: 1866F1

REF1: BORDER13
REF2: REF2
REF3: REF3

DRAWING PRODUCED FROM: LAKEWOOD, NEW YORK
N4200–W7915/7.5
1954
PHOTOREVISED 1979

PROJECT NO. 1866E-99	PROJECT TITLE 5 HUNT ROAD JAMESTOWN, NEW YORK	**DAY ENVIRONMENTAL, INC.** *ENVIRONMENTAL CONSULTANTS ROCHESTER, NEW YORK*	DATE 3/22/99
FIGURE 1	PHASE I ASSESSMENT		DRAWN BY
SHEET 1 OF 1	DRAWING TITLE PROJECT LOCUS MAP		SCALE 1" = 2000'

Site Evaluation Summary Report

Anderson Cleaners
Jamestown, New York

Prepared By: Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614

Date: March 2004

Project Location (Site)

Anderson Cleaners
5 Hunt Road
Jamestown, New York

Property Description

The Site consists of approximately 2.4 acres of land currently improved by an approximate 11,400-square foot one-story brick and concrete block building. The building was constructed in phases with the southwest portion (i.e., used as a "finishing" area for folding and storing cleaned clothing and as retail space) constructed in the 1930s; the south-central (i.e., dry cleaning area) portion constructed in 1947 and the northern (offices) and eastern (garages) portion constructed in 1985. An exterior "courtyard/storage" area measuring approximately 10 feet by 60 feet separates the finishing area and the dry cleaning area. A project locus map (Figure 1) and site plan (Figure 2) are included with this submittal.

Background

A dry cleaning plant has operated at the Site since 1947 when the south-central portion of the current building was originally constructed. Between 1947 and 1978, Stoddard solvent was used as the primary cleaning fluid. In 1978, the method of cleaning was changed over to use tetrachloroethene (PCE) as the primary cleaning fluid. In 1985, a fire destroyed an approximate 8,000-square foot portion of the original building that housed offices and garages (i.e., the northern and eastern portions of the building, respectively). This fire did not directly impact the portion of the building that housed the dry cleaning operations. Following the fire, reconstruction/remodeling operations were undertaken resulting in the current structure.

Pursuant to the sale of the Site, Day Environmental, Inc. (DAY) initially completed a Phase I environmental site assessment (Phase I ESA) that identified the historic use of the Site as a recognized environmental condition (REC). Subsequently, DAY initiated a Phase II ESA to evaluate subsurface conditions and assess the impact of past dry cleaning operations.

Phase II ESA

The work completed to date as part of the Phase II ESA and the initial findings of this work are summarized in this section.

Test Borings/Monitoring Wells

- Twenty-seven (27) test borings (designated TB-1 through TB-27) have been advanced in interior and exterior locations of the Site using hand-operated and vehicle-mounted direct push soil sampling equipment. These test boring locations are depicted on Figure 2.
- Eight (8) test borings were converted into 1-inch diameter groundwater monitoring wells (designated MW-1 through MW-8). Refer to Figure 2 for monitoring well locations.
- A licensed land surveyor measured the elevation of monitoring wells MW-1 through MW-5 and groundwater depths were obtained to evaluate groundwater flow patterns.
- Eight (8) groundwater monitoring wells were developed and subsequently purged and sampled. Water quality readings (pH, conductivity, temperature, etc.) were collected during development and sampling.

Analytical Laboratory Testing

- Eight (8) soil samples were submitted for PCE analysis using (United States Environmental Protection Agency (USEPA) Method 8021B.
- Three (3) soil samples were submitted for halogen and aromatic volatile organic compounds (VOCs) analysis using USEPA Method 8021B.
- Two (2) soil samples were submitted for USEPA Target Compound List (TCL) VOCs analysis using USEPA Method 8260B.
- Two (2) soil samples were submitted for polychlorinated biphenyl (PCB) analysis using USEPA Method 8082.
- Four (4) soil samples were submitted for total petroleum hydrocarbon (TPH) analysis using NYSDOH Method 310.13.
- Eight (8) groundwater were samples submitted for halogenated VOCs analysis using USEPA Method 8021B.
- Two (2) groundwater samples were submitted for total petroleum hydrocarbon (TPH) analysis using NYSDOH Method 310.13.

Subsurface Conditions

The depth of equipment refusal encountered during the advancement of the direct push test borings ranged between about 10.3 feet and 14.5 feet below the ground surface. Typically fill materials (e.g., asphalt, concrete, crushed stone, reworked soil, etc.) extend

from the ground surface to a depth of about 2 to 4 feet. The indigenous soil immediately below the fill is generally characterized as clayey silt and this material extended to depths of about 7 to 9 feet below the ground surface. A sand to sand/gravel deposit was encountered in many of the test borings below the clayey silt deposit and this deposit generally extended to the bottom of the test borings (i.e., equipment refusal). In some test borings, an approximate 1-foot thick lens of sand and gravel was encountered within the clayey silt and the clayey silt extended to the bottom of the test borings.

Copies of the test boring/monitoring well installation logs for the work completed to date are included in Attachment A.

Groundwater was typically measured at depths of about 1 to 1.5 feet below the ground surface. As shown on the contour map included as Figure 3, groundwater flow is generally to the east/northeast across the property.

Analytical Laboratory Test Results

A brief summary of the analytical laboratory test results is presented below. VOC test results are summarized in the tables included in Attachment B.

- PCE concentrations in the soil samples analyzed ranged from below the reported analytical laboratory detection limit to 1,660,000 parts per billion (ppb).
- PCE breakdown products consisting of trichloroethene (TCE), cis/trans-1, 2-dichloroethene (1,2-DCE), and vinyl chloride (VC) were also detected in some of the soil samples tested.
- TCE concentrations in the soil samples analyzed ranged from below the reported analytical laboratory detection limit to 4,450 ppb.
- 1,2-DCE (cis and trans) concentrations in the soil samples analyzed ranged from below the reported analytical laboratory detection limit to 31,440 ppb (estimated).
- VC concentrations in the soil samples analyzed ranged from below the reported analytical laboratory detection limit to 692 ppb.
- TPH identified as mineral spirits was detected in soil samples TB-3 (2-4') at a concentration of 12,900 ppb and in sample TB-6 (2-4') at a concentration of 14,000 ppb.
- PCBs were not detected above the reported analytical laboratory detection limits in the two soil samples analyzed.
- PCE concentrations in the groundwater samples analyzed ranged from below the reported analytical laboratory detection limit to 81,800 ppb.
- PCE breakdown products consisting of TCE and VC were also detected in some of the groundwater samples tested. [Note: 1,2-DCE was not detected in the groundwater samples.]

- TCE was identified in groundwater samples MW-6 (49.4 ppb) and MW-8 (103 ppb).
- VC was identified in groundwater sample MW-8 (14.5 ppb).
- TPH was not detected above the reported analytical laboratory detection limits in the two groundwater samples analyzed (MW-2 and MW-5).

PCE Distribution

PCE concentrations measured in soil samples tested to date are shown on Figure 4 and PCE concentrations measured in the groundwater samples tested are shown on Figure 5.

Remediation and Additional Site Characterization

Remediation will be required to address the PCE (and associated breakdown products) detected in the soil and groundwater at the Site. Thus an interim remedial measure (IRM) is proposed to address the apparent source area with additional studies to further characterize subsurface conditions and determine if additional remediation is required.

Alternatives for an Interim Remedial Measure (IRM)

Based upon the location of the apparent source area (i.e., within the courtyard/storage area) and the PCE distribution pattern (i.e., predominately beneath the dry cleaning portion of the building), passive in-situ treatment schemes were identified and screened for the IRM. These treatment schemes included in-situ chemical oxidation using Fenton's reagent, injection of zero-valent iron, treatment via hydrogen release compound (HRC-X) and enhanced bioremediation using the product "CL-Out".

Preferred Interim Remedial Measure

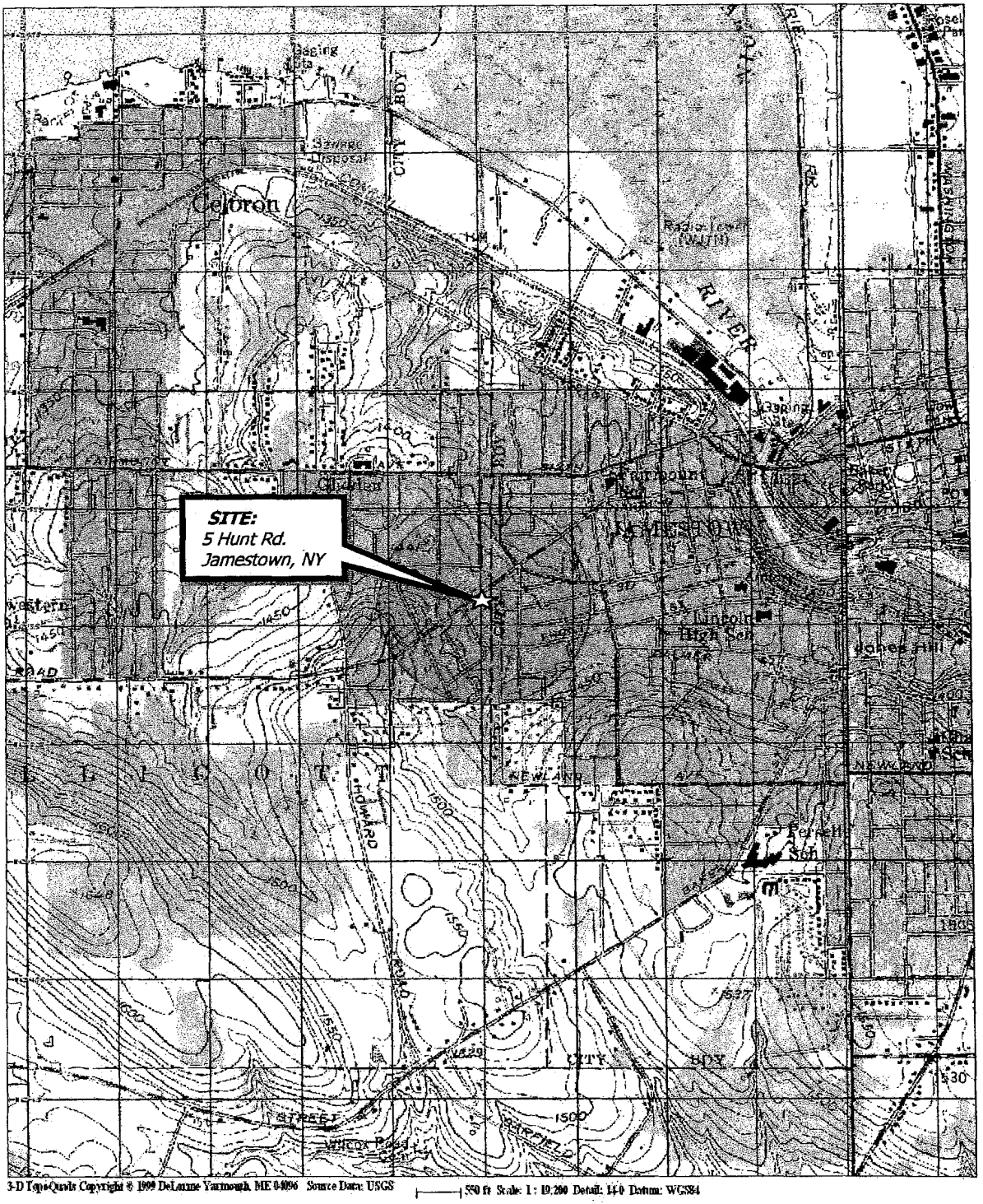
DAY's review of potential remedial options suggests that the injection of CL-Out within and immediately around the source area is the preferred IRM. Prior to implementing a full-scale IRM, a pilot study is proposed to evaluate the effectiveness of using CL-Out at the Site and to assist in the determination of injection point spacing, evaluating the need for enhancing oxygen content, etc. It is anticipated that the pilot study will include the following:

- Initial testing of groundwater samples to measure dissolved oxygen, nitrogen, phosphorus and total plate count.

- Installation of two injection wells approximately 25 feet apart in the courtyard/storage area and two monitoring points approximately 10 and 30 feet downgradient of the injection points (in the boiler room).
- Collection and testing of groundwater samples from selected monitoring wells to establish background concentrations of VOCs (PCE, TCE, 1,2-DCE, and VC).
- Implementation of one "inoculation" consisting of injecting approximately 55-gallons of CL-Out into the two injection points.
- Collection of groundwater samples from the downgradient wells for testing of VOCs (PCE, TCE, 1,2-DCE, and VC), dissolved oxygen, nitrogen, phosphorus, and total plate count approximately 2 weeks and 4 weeks after the initial inoculation. [Note: Depending on the results of this testing, a second inoculation and subsequent analytical testing of groundwater samples may be necessary.]

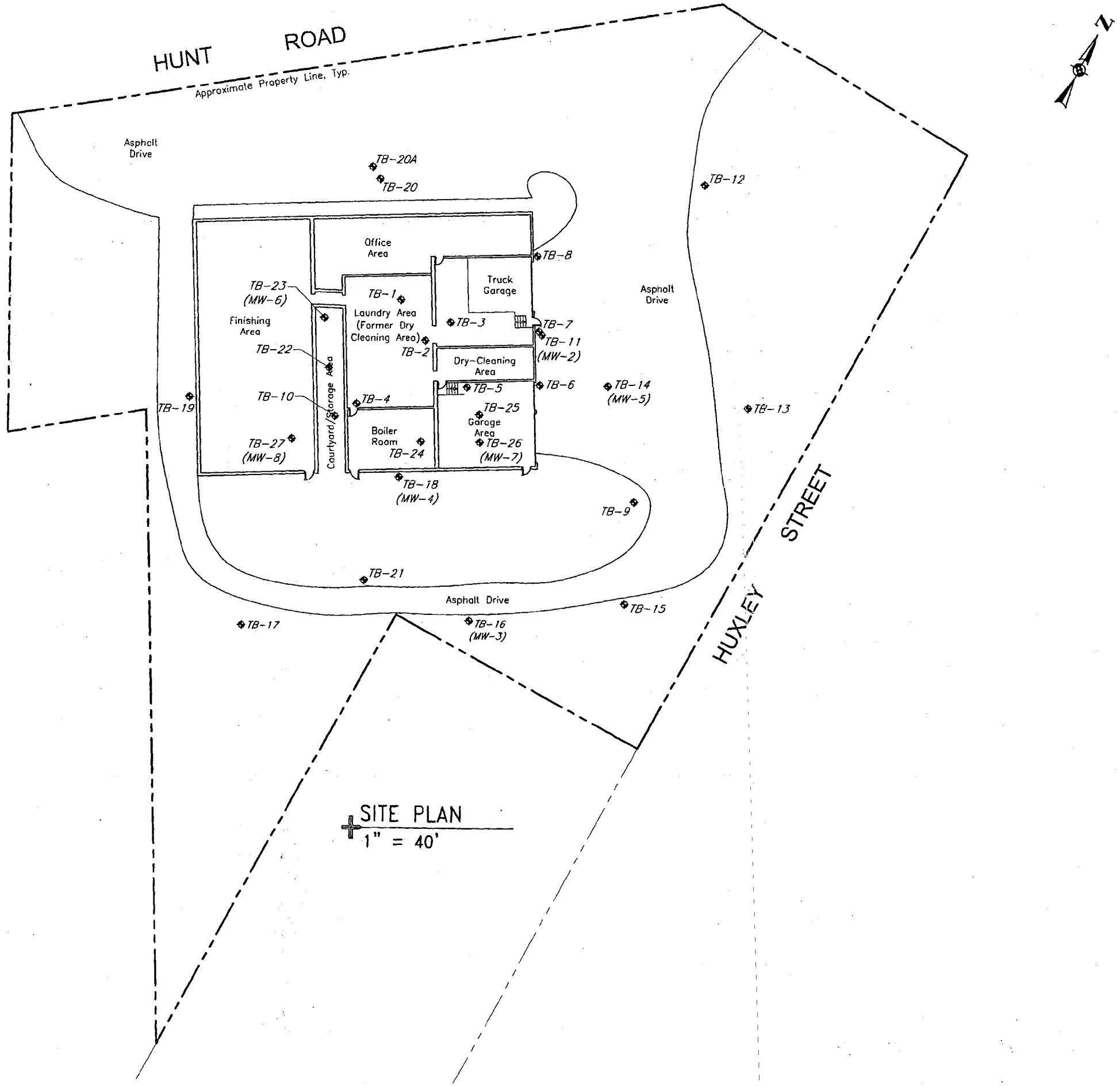
Assuming that the pilot study determines CL-Out is an effective remedial option, a full scale IRM will be implemented. Prior to conducting the IRM, a workplan will be developed showing the location of injection/monitoring points, defining the inoculations required to conduct the IRM, identifying sampling/testing requirements, etc. In addition, the scope of additional studies that are required to complete the characterization of the Site will be defined (e.g., advancement of "deep" monitoring wells using rotary drilling techniques to assess the presence of DNAPL, installation of downgradient monitoring wells adjacent to the property line of the Site, etc.). Depending upon the effectiveness of the IRM and/or the results of the additional studies, subsequent remedial activities may be necessary at the Site.

FIGURES



Drawing Produced From: 3-D TopoQuads, DeLorme Map Co., referencing USGS quad map Lakewood (NY) 1979 and Jamestown (NY) 1979. Site Lat/Long: N42°05.55'– W79°16.00'

DATE 03-02-2004	day DAY ENVIRONMENTAL, INC. ENVIRONMENTAL CONSULTANTS ROCHESTER, NEW YORK 14614-1008	PROJECT TITLE 5 HUNT ROAD JAMESTOWN, NY PHASE II ENVIRONMENTAL STUDY	PROJECT NO. 3292S-03
DRAWN BY LRP			FIGURE 1
SCALE 1" = 2000'		DRAWING TITLE PROJECT LOCUS MAP	



SITE PLAN
1" = 40'

LEGEND:

TB-1 Test Boring Advanced on August 4, 2003

NOTES:

1. Site Plan produced from drawings by Habiterra Associates, Thorsell, Kennedy, Casker, Arnone & Hedin. P.C. entitled "Addition and Renovations, Anderson Cleaners, Inc", drawings A-1 Floor Plan dated October 22, 1985 and L-1 Grading Plan and from notes of a site visit by a representative of Day Environmental, Inc. on 08-04-03.
2. Test bore locations were measured from existing site features and should be considered accurate to the degree implied by the method used.

PROJECT MANAGER	RLK
DRAWN BY	LRP\Tw
SCALE	As Noted
DATE	09-2003
DATE DRAWN	03-2004
DATE ISSUED	03-02-2004

day
DAY ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS
ROCHESTER, NEW YORK 14614-1008

PROJECT TITLE
5 HUNT ROAD
JAMESTOWN, NY

PHASE II ENVIRONMENTAL STUDY

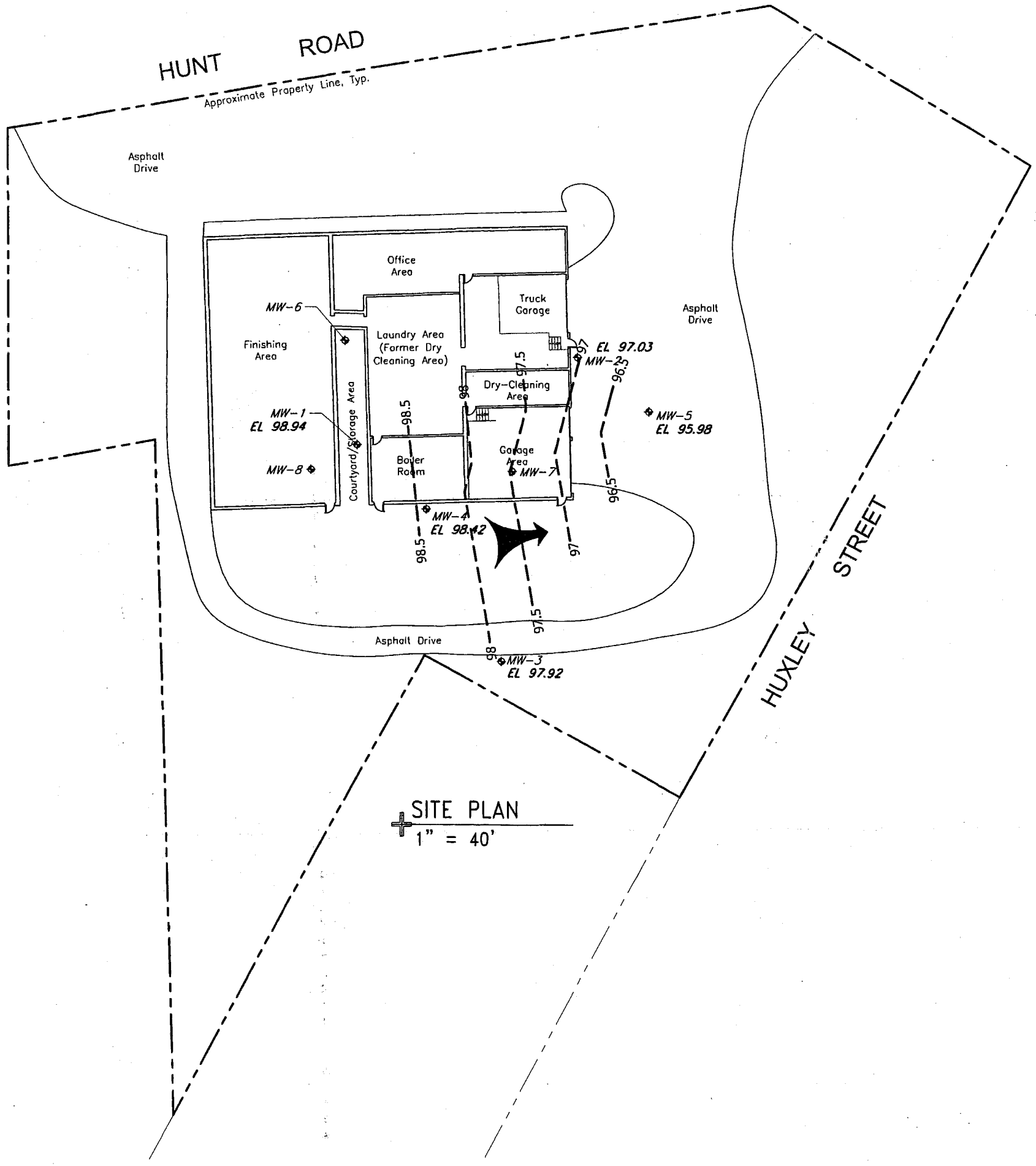
DRAWING TITLE
Site Plan

PROJECT NO.
3292S-03

FIGURE 2

Ref4:
Ref5:
Ref6:
Ref1: Base-1
Ref2:
Ref3:

Time Plotted: Mon Mar 01 16:25 2004
File Name: Phase 2\3292\Testbore-1.dwg
Xerox432AnsiB-2: 11 x 17



SITE PLAN
1" = 40'

LEGEND:

- MW-2 EL 97.03 — Groundwater Monitoring Well Installed on August 4, 2003 With Groundwater Elevation Measured On September 12, 2003
- ——98—— Groundwater Contour Derived From Measurements Taken On September 12, 2003.
- Apparent Direction Of Groundwater Flow

NOTES:

1. Site Plan produced from drawings by Habiterro Associates, Thorsell, Kennedy, Casker, Arnone & Hedin. P.C. entitled "Addition and Renovations, Anderson Cleaners, Inc", drawings A-1 Floor Plan dated October 22, 1985 and L-1 Grading Plan and from notes of a site visit by a representative of Day Environmental, Inc. on 08-04-03.
2. Test bore locations were measured from existing site features and should be considered accurate to the degree implied by the method used.
3. Elevations for monitoring wells MW-6, MW-7, and MW-8 have not been surveyed to date, and therefore these wells were not used in generating this potentiometric groundwater contour map.

PROJECT MANAGER	RLK
DRAWN BY	LRP\Tw
SCALE	As Noted
DATE	09-2003
DATE DRAWN	03-2004
DATE ISSUED	03-02-2004

day
DAY ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS
ROCHESTER, NEW YORK 14614-1008

PROJECT TITLE
5 HUNT ROAD
JAMESTOWN, NY

PHASE II ENVIRONMENTAL STUDY

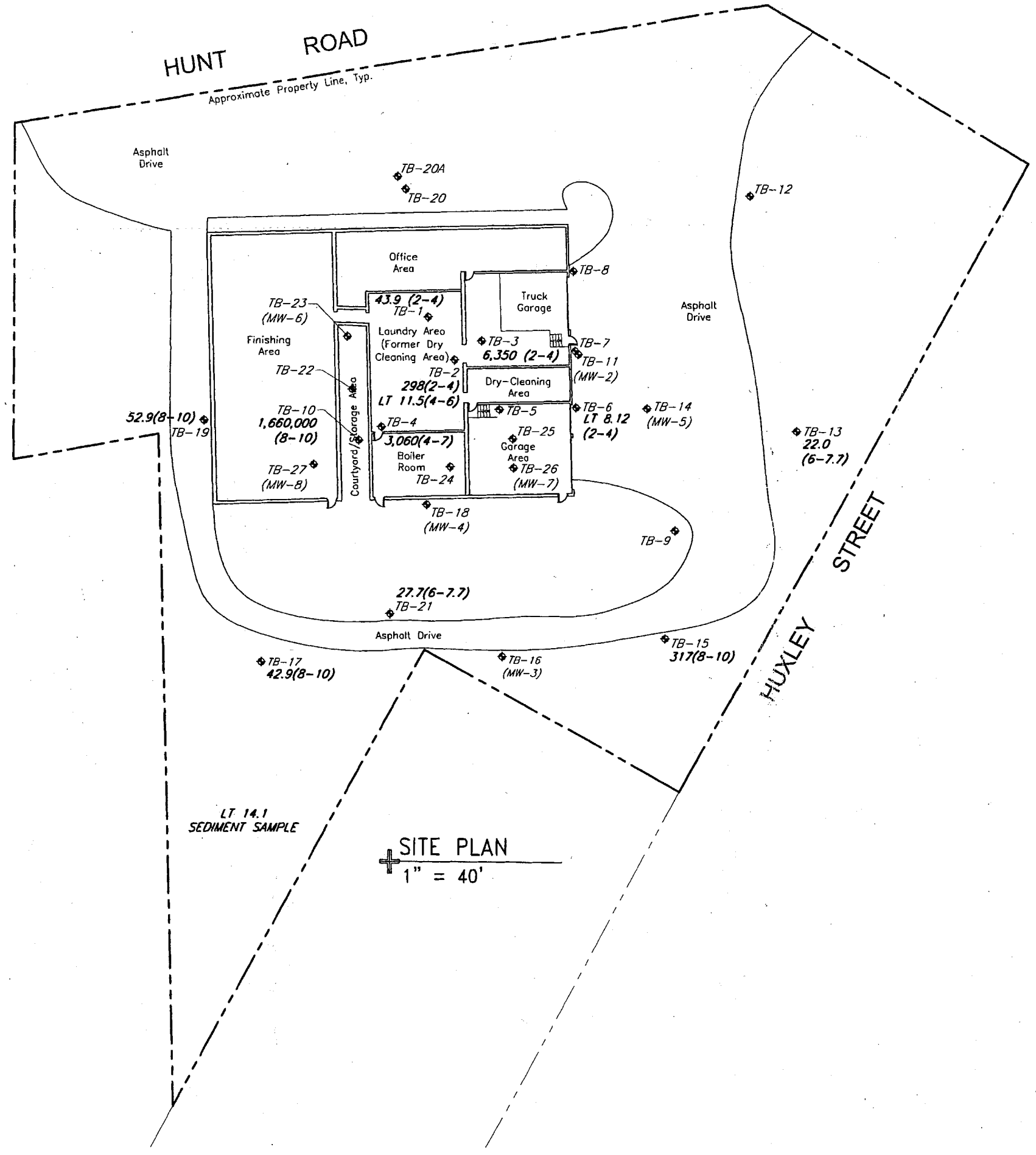
DRAWING TITLE
Potentiometric Groundwater Contour Map for September 12, 2003

PROJECT NO.
3292S-03

FIGURE 3

Ref1: Base-1
Ref2:
Ref3:
Ref4:
Ref5:
Ref6:

Time Plotted: Tue Mar 02 11:25 2004
File Name: Phase 2\3292\Testbore-1.dwg
Xerox432AnsiB-2; 11 x 17



LEGEND:

TB-6
LT 8.12
(2-4)

- TB-6: Test Boring Advanced on August 4, 2003
- LT 8.12: PCE Concentration In Parts Per Billion (ppb). LT indicates "Less Than"
- (2-4): Sample Depth In Feet Below Ground Surface

NOTES:

1. Site Plan produced from drawings by Habiterra Associates, Thorsell, Kennedy, Casker, Arnone & Hedin. P.C. entitled "Addition and Renovations, Anderson Cleaners, Inc", drawings A-1 Floor Plan dated October 22, 1985 and L-1 Grading Plan and from notes of a site visit by a representative of Day Environmental, Inc. on 08-04-03.
2. Test bore locations were measured from existing site features and should be considered accurate to the degree implied by the method used.

PROJECT MANAGER	RLK
DRAWN BY	LRPITw
SCALE	As Noted
DATE	09-2003
DATE DRAWN	03-2004
DATE ISSUED	03-02-2004

day
DAY ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS
ROCHESTER, NEW YORK 14614-1008

PROJECT TITLE
5 HUNT ROAD
JAMESTOWN, NY

PHASE II ENVIRONMENTAL STUDY

DRAWING TITLE
Tetrachloroethene (PCE) Concentrations and Soil Samples

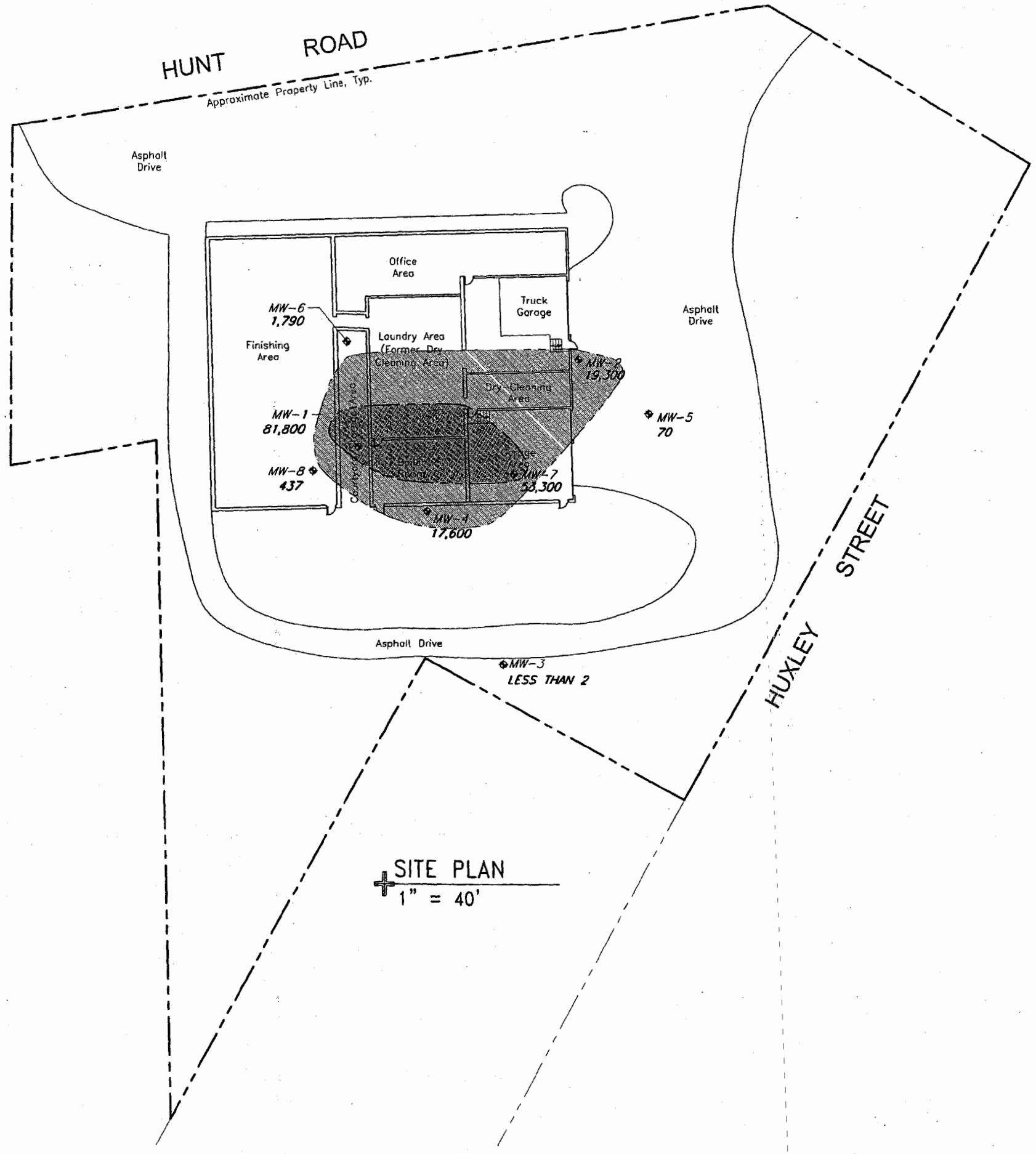
PROJECT NO.
3292S-03

FIGURE 4

Ref1: Base-1
Ref2:
Ref3:
Ref4:
Ref5:
Ref6:

Xerox432AnsiB-2; 11 x 17

Time Plotted: Tue Mar 02 11:10 2004
File Name: Phase 2\3292\Testbore-1.dwg



SITE PLAN
1" = 40'

LEGEND:

MW-2 19,300 — Groundwater Monitoring Well Installed on August 4, 2003; PCE Concentration In Parts Per Billion (ppb) Measured In Groundwater Sample

PCE Concentration In Excess of 50,000 ppb Measured In Groundwater

PCE Concentration Between 10,000 ppb and 50,000 ppb Measured In Groundwater

NOTES:

1. Site Plan produced from drawings by Habiterra Associates, Thorsell, Kennedy, Casker, Arnone & Hedin. P.C. entitled "Addition and Renovations, Anderson Cleaners, Inc", drawings A-1 Floor Plan dated October 22, 1985 and L-1 Grading Plan and from notes of a site visit by a representative of Day Environmental, Inc. on 08-04-03.
2. Groundwater monitoring well locations were measured from existing site features and should be considered accurate to the degree implied by the method used.

PROJECT MANAGER	RLK
DATE	09-2003
DRAWN BY	LRP\Tw
DATE DRAWN	03-2004
SCALE	As Noted
DATE ISSUED	03-02-2004

day
DAY ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS
ROCHESTER, NEW YORK 14614-1008

PROJECT TITLE
5 HUNT ROAD
JAMESTOWN, NY

PHASE II ENVIRONMENTAL STUDY

DRAWING TITLE
Tetrachloroethene (PCE) Concentrations In Groundwater Samples

PROJECT NO.
3292S-03

FIGURE 5

Ref1: Base-1
Ref2:
Ref3:
Ref4:
Ref5:
Ref6:

Time Plotted: Tue Mar 02 11:05 2004
File Name: Phase 2\3292\Testbore-1.dwg

Xerox432AnsiB-2; 11 x 17

ATTACHMENT A

TEST BORING/MONITORING WELL INSTALLATION LOGS

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-1

Project: Anderson Cleaners
DAY Representative: JKH
Drilling Contractor: Day Environmental, Inc.
Drilling Rig: Geoprobe
Sampling Method: Direct Push
Completion Method: Backfilled with cuttings

Project No: 3292S-03
Boring Location: See Test Boring Location Plan
Ground Surface Elevation: NA **Datum:** NA
Start Date: 08/04/03 **Completion Date:** 08/04/03
Borehole Diameter: 2.0" **Borehole Depth:** 6.0'
Water Level: Approximately 3.6'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-2	25	NA	268		Concrete Floor: 0.4 feet thick Dark Brown Silty Sand, little fine to medium Gravel, moist (FILL)
3	NA	S-2	2-4	90	NA	484		* Analytical Laboratory Sample TB-1 (2-4') ... some fine to medium Gravel
5	NA	S-3	4-6	10	NA	NC		Gray Clayey SILT, some Sand, wet [Note: Standing water at 3.6' upon completion of drilling]
6								BOH @ 6.0'

File: 3292s1.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-2

Project: Anderson Cleaners
DAY Representative: JKH
Drilling Contractor: Day Environmental, Inc.
Drilling Rig: Geoprobe
Sampling Method: Direct Push
Completion Method: Backfillled with cuttings

Project No: 3292S-03
Boring Location: See Test Boring Location Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 08/04/03
Completion Date: 08/04/03
Borehole Diameter: 2.0"
Borehole Depth: 6.0'
Water Level: Approximately 4.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-2	25	NA	17		Concrete Floor: 0.4 feet thick Brown Silty Sand, little fine to medium Gravel, moist (FILL)
2								Dark Brown Sand, little Gravel, trace Silt, moist (FILL)
3	NA	S-2	2-4	25	NA	650		* Analytical Laboratory Sample TB-2 (2-4') ... wet
4								Gray Clayey SILT, some Sand, wet
5	NA	S-3	4-6	80	NA	118		* Analytical Laboratory Sample TB-2 (4-6')
6								BOH @ 6.0'
7								
8								
9								
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16								
17								
18								
19								
20								

File: 3292s2.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-3

Project: Anderson Cleaners
DAY Representative: JKH
Drilling Contractor: Day Environmental, Inc.
Drilling Rig: Geoprobe
Sampling Method: Direct Push
Completion Method: Backfilled with cuttings

Project No: 3292S-03
Boring Location: See Test Boring Location Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 08/04/03
Completion Date: 08/04/03
Borehole Diameter: 2.0"
Borehole Depth: 7.0'
Water Level: Approximately 4.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-2	75	NA	17.5		Concrete Floor: 0.4 feet thick Brown Silty Sand, moist (FILL)
2								Dark Brown Silty Sand, little Gravel, moist (FILL)
3	NA	S-2	2-4	75	NA	250		* Analytical Laboratory Sample TB-3 (2-4')
4								... wet
5	NA	S-3	4-7	53	NA	105		Gray Clayey SILT, some Sand, trace Organics, wet
6								
7								BOH @ 7.0'
8								
9								
10								
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12								
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16								
17								
18								
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20								

File: 3292s3.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-4

Project: Anderson Cleaners
DAY Representative: JKH
Drilling Contractor: Day Environmental, Inc.
Drilling Rig: Geoprobe
Sampling Method: Direct Push
Completion Method: Backfilled with cuttings

Project No: 3292S-03
Boring Location: See Test Boring Location Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 08/04/03
Completion Date: 08/04/03
Borehole Diameter: 2.0"
Borehole Depth: 7.0'
Water Level: Approximately 4.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-2	80	NA	5.8		Concrete Floor: 0.4 feet thick Brown Sandy Silt, moist (FILL)
2								Dark Brown Sand, some Silt, little Gravel, moist (FILL)
3	NA	S-2	2-4	20	NA	302		
4								... wet
5	NA	S-3	4-7	50	NA	47.0		Gray Clayey SILT, some Organics, trace Sand, wet * Analytical Laboratory Sample TB-4 (4-7')
6								
7								BOH @ 7.0'
8								
9								
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20								

File: 3292s4.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-5

Project: Anderson Cleaners
DAY Representative: JKH
Drilling Contractor: Day Environmental, Inc.
Drilling Rig: Geoprobe
Sampling Method: Direct Push
Completion Method: Backfilled with cuttings

Project No: 3292S-03
Boring Location: See Test Boring Location Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 08/04/03
Completion Date: 08/04/03
Borehole Diameter: 2.0"
Borehole Depth: 2.0'
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-2	50	NA	38.5		Concrete Floor: 0.4 feet thick Dark Brown Sand, some Gravel, some trace Silt, moist (FILL)
2								Refusal @ 2.0'
3								
4								
5								
6								
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File: 3292s5.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-6

Project: Anderson Cleaners
DAY Representative: JKH
Drilling Contractor: Day Environmental, Inc.
Drilling Rig: Geoprobe
Sampling Method: Direct Push
Completion Method: Backfilled with cuttings

Project No: 3292S-03
Boring Location: See Test Boring Location Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 08/04/03
Completion Date: 08/04/03
Borehole Diameter: 2.0"
Borehole Depth: 4.0'
Water Level: Approximately 3.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-2	50	NA	5.2		Brown Silt, some Sand, little Gravel (FILL)
2								
3	NA	S-2	2-4	70	NA	250		Dark Brown Sand, some Gravel, moist (FILL) ... wet * Analytical Laboratory Sample TB-6 (2-4')
4								Gray Clayey SILT, some Sand, trace Organics, wet BOH @ 4.0'
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File: 3292s6.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-7

Project: Anderson Cleaners
Project No: 3292S-03
DAY Representative: JKH
Boring Location: See Test Boring Location Plan
Drilling Contractor: Day Environmental, Inc.
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Geoprobe
Start Date: 08/04/03
Completion Date: 08/04/03
Sampling Method: Direct Push
Borehole Diameter: 2.0"
Borehole Depth: 4.0'
Completion Method: Backfilled with cuttings
Water Level: Approximately 3.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-2	50	NA	0.0		Brown Silt, some Gravel, moist (FILL)
2								Dark Brown Sand, some Gravel, trace Silt, moist (FILL)
3	NA	S-2	2-4	25	NA	0.0		... wet
4								Gray Clayey SILT, some Sand, trace Organics, wet
								BOH @ 4.0'
5								
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File: 3292s7.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-8

Project: Anderson Cleaners
Project No: 3292S-03
DAY Representative: JKH
Boring Location: See Test Boring Location Plan
Drilling Contractor: Day Environmental, Inc.
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Geoprobe
Start Date: 08/04/03
Completion Date: 08/04/03
Sampling Method: Direct Push
Borehole Diameter: 2.0"
Borehole Depth: 2.0'
Completion Method:
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-2	70	NA	0.0		Brown Silt, some Sand, little Gravel, moist (FILL)
2								Dark Brown Sand, some Gravel, trace Silt, moist (FILL)
								BOH @ 2.0'
3								
4								
5								
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File: 3292s8.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-9

Project: Anderson Cleaners
DAY Representative: JKH
Drilling Contractor: Day Environmental, Inc.
Drilling Rig: Geoprobe
Sampling Method: Direct Push
Completion Method:

Project No: 3292S-03
Boring Location: See Test Boring Location Plan
Ground Surface Elevation: NA **Datum:** NA
Start Date: 08/04/03 **Completion Date:** 08/04/03
Borehole Diameter: 2.0" **Borehole Depth:** 2.0'
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-2	60	NA	4.0		Brown Silt, some Sand, little Gravel, moist (FILL)
2								Dark Brown Sand, some Gravel, moist (FILL)
								BOH @ 2.0'
3								
4								
5								
6								
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File: 3292s9.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-10 (MW-1)

Project: Anderson Cleaners
DAY Representative: D. Noll
Drilling Contractor: Day Environmental, Inc.
Drilling Rig: Track Mount 54LT
Sampling Method: Direct Push
Completion Method: 1" PVC Screen & Riser

Project No: 3292S-03
Boring Location: See Test Boring Location Plan
Ground Surface Elevation: NA **Datum:** NA
Start Date: 09/03/03 **Completion Date:** 09/03/03
Borehole Diameter: 2.25" **Borehole Depth:** 14.5'
Water Level: 1.4' from TOC on 9/12/03

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						2.3		3" Gravel Brown Silt, Sand, Gravel (FILL)
2	NA	S-1	0-4	30	NA	640		Brown to Gray Clayey SILT, some Sand, little Gravel, moist
3						175		
4								
5						1700		... wet @ 5.0'
6	NA	S-2	4-8	50	NA	502		
7						50.1		
8								
9						2100		* Analytical Laboratory Sample TB-10 (8-10')
10	NA	S-3	8-12	70	NA	1310		
11						40.8		
12						430		
13	NA	S-4	12-14.5	90	NA	238		
14						208		
15								Refusal @ 14.5'
16								
17								
18								
19								
20								

File: 3292s10.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-11 (MW-2)

Project: Anderson Cleaners
DAY Representative: D. Noll
Drilling Contractor: Day Environmental, Inc.
Drilling Rig: Track Mount 54LT
Sampling Method: Direct Push
Completion Method: 1" PVC Screen & Riser

Project No: 3292S-03
Boring Location: See Test Boring Location Plan
Ground Surface Elevation: NA **Datum:** NA
Start Date: 09/03/03 **Completion Date:** 09/03/03
Borehole Diameter: 2.25" **Borehole Depth:** 12.0'
Water Level: 4.09' from TOC on 9/12/03

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						16.7		Gravel / Asphalt
2	NA	S-1	0-4	80	NA	588 437		Gray Clayey SILT, some Sand, little Gravel, moist
3						48.6		
4								
5	NA	S-2	4-8	70	NA	430 297		... wet @ 4.0'
6						60.4		Brown Clayey SILT, some Sand, little Gravel, wet
7								
8						29.2		
9	NA	S-3	8-12	90	NA	430 30.2		
10						29.7		
11								
12						25.8		Refusal @ 12.0'
13								
14								
15								
16								
17								
18								
19								
20								

File: 3292s11.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-12

Project: Anderson Cleaners
DAY Representative: D. Noll
Drilling Contractor: Day Environmental, Inc.
Drilling Rig: Track Mount 54LT
Sampling Method: Direct Push
Completion Method: Backfilled with cuttings

Project No: 3292S-03
Boring Location: See Test Boring Location Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 09/03/03
Completion Date: 09/03/03
Borehole Diameter: 2.25"
Borehole Depth: 11.8'
Water Level: Approximately 6.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						2.1		Topsoil
						0.8		
2	NA	S-1	0-4	70	NA			Brown Clayey SILT, some Sand, trace Gravel, moist
3						2.2		
4						2.1		
5								
6	NA	S-2	4-8	80	NA			Brown Silty SAND and GRAVEL, little Clay, wet
7								
8								
9								
10	NA	S-3	8-11.8	100	NA			
11								
12								Refusal @ 11.8'
13								
14								
15								
16								
17								
18								
19								
20								

File: 3292s12.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-13

Project: Anderson Cleaners
Project No: 3292S-03
DAY Representative: D. Noll
Boring Location: See Test Boring Location Plan
Drilling Contractor: Day Environmental, Inc.
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Track Mount 54LT
Start Date: 09/03/03
Completion Date: 09/03/03
Sampling Method: Direct Push
Borehole Diameter: 2.25"
Borehole Depth: 7.7'
Completion Method: Backfilled with cuttings
Water Level: Approximately 5.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1								Brown / Gray Silt, Sand, Gravel, Brick (FILL)
2	NA	S-1	0-4	50	NA			
3								
4								Brown / Gray Clayey SILT, some Gravel, trace Sand, moist
5								... wet @ 5.0'
6	NA	S-2	4-7.7	90	NA			* Analytical Laboratory Sample TB-13 (6-7.7')
7								... Seam of SAND and GRAVEL @ 7.0-7.7'
8								Refusal @ 7.7'
9								
10								
11								
12								
13								
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16								
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18								
19								
20								

File: 3292s13.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-14 (MW-5)

Project: Anderson Cleaners
DAY Representative: D. Noll
Drilling Contractor: Day Environmental, Inc.
Drilling Rig: Track Mount 54LT
Sampling Method: Direct Push
Completion Method: 1" PVC Screen & Riser

Project No: 3292S-03
Boring Location: See Test Boring Location Plan
Ground Surface Elevation: NA **Datum:** NA
Start Date: 09/03/03 **Completion Date:** 09/03/03
Borehole Diameter: 2.25" **Borehole Depth:** 11.4'
Water Level: 1.32' from TOC on 9/12/03

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1								Asphalt / Gravel
2	NA	S-1	0-4	50	NA			Brown / Gray Silt, Sand, Gravel, Clay (FILL)
3								... Faint petroleum odor at approx. 2-7'
4								Brown / Gray Clayey SILT, trace Sand, moist
5								
6	NA	S-2	4-8	70	NA			
7								Seam of SAND and GRAVEL, wet
8								Brown Sandy SILT, little Gravel, trace Clay, wet
9								
10	NA	S-3	8-11.4	100	NA			
11								
12								Refusal @ 11.4'
13								
14								
15								
16								
17								
18								
19								
20								

File: 3292s14.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-15

Project: Anderson Cleaners
DAY Representative: D. Noll
Drilling Contractor: Day Environmental, Inc.
Drilling Rig: Track Mount 54LT
Sampling Method: Direct Push
Completion Method: Backfilled with cuttings

Project No: 3292S-03
Boring Location: See Test Boring Location Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 09/03/03
Completion Date: 09/03/03
Borehole Diameter: 2.25"
Borehole Depth: 11.6'
Water Level: Approximately 6.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1								Topsoil
2	NA	S-1	0-4	50	NA			Silt, Sand, Gravel, Brick, moist (FILL)
3								
4								Brown / Gray Clayey SILT, some Sand, little Gravel, moist
5								
6	NA	S-2	4-8	70	NA			... wet @ 6.0'
7								Brown SAND and GRAVEL (FILL) wet
8								
9								
10	NA	S-3	8-11.6	90	NA			* Analytical Laboratory Sample TB-15 (8-10')
11								
12								Refusal @ 11.6'
13								
14								
15								
16								
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19								
20								

File: 3292s15.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-16 (MW-3)

Project: Anderson Cleaners
DAY Representative: D. Noll
Drilling Contractor: Day Environmental, Inc.
Drilling Rig: Track Mount 54LT
Sampling Method: Direct Push
Completion Method: 1" PVC Screen & Riser

Project No: 3292S-03
Boring Location: See Test Boring Location Plan
Ground Surface Elevation: NA **Datum:** NA
Start Date: 09/03/03 **Completion Date:** 09/03/03
Borehole Diameter: 2.25" **Borehole Depth:** 11.1'
Water Level: 0.6' from TOC on 9/12/03

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Topsoil
2	NA	S-1	0-4	60	NA	0.0		Silt, Sand, Gravel, Brick, moist (FILL)
3						0.0		Brown / Gray Silty CLAY, some Sand, trace Gravel, moist
4						0.0		
5						0.0		
6	NA	S-2	4-8	90	NA	0.0		
7						0.0		Brown SAND and GRAVEL, little Silt, trace Clay, wet
8						0.0		
9	NA	S-3	8-11.1	90	NA	0.0		... wet @ 8.0'
10						0.0		
11								Refusal @ 11.1'
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 3292s16.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-17

Project: Anderson Cleaners
DAY Representative: D. Noll
Drilling Contractor: Day Environmental, Inc.
Drilling Rig: Track Mount 54LT
Sampling Method: Direct Push
Completion Method: Backfilled with cuttings

Project No: 3292S-03
Boring Location: See Test Boring Location Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 09/03/03
Completion Date: 09/03/03
Borehole Diameter: 2.25"
Borehole Depth: 10.3'
Water Level: Approximately 5.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1								Topsoil
2	NA	S-1	0-4	80	NA	0.0		Silt, Sand, Gravel, Brick, moist (FILL)
3						0.0		
4						0.0		Brown Clayey SILT, some Sand, little Gravel, moist
5						0.0		... wet @ 5.0'
6	NA	S-2	4-8	60	NA	0.0		... some Gravel
7						0.0		
8						0.0		
9	NA	S-3	8-10.3	90	NA	0.0		* Analytical Laboratory Sample TB-17 (8-10')
10						0.0		
11								Refusal @ 10.3'
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 3292s17.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-18 (MW-4)

Project: Anderson Cleaners
DAY Representative: D. Noll
Drilling Contractor: Day Environmental, Inc.
Drilling Rig: Track Mount 54LT
Sampling Method: Direct Push
Completion Method: 1" PVC Screen & Riser

Project No: 3292S-03
Boring Location: See Test Boring Location Plan
Ground Surface Elevation: NA **Datum:** NA
Start Date: 09/03/03 **Completion Date:** 09/03/03
Borehole Diameter: 2.25" **Borehole Depth:** 11.3'
Water Level: 2.37' from TOC on 9/12/03

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1								Topsoil
2	NA	S-1	0-4	10	NA			Silt, Sand, Gravel, Brick, moist (FILL)
3								
4								
5						1300		Brown / Gray Clayey SILT, some Sand, little Gravel, wet
6	NA	S-2	4-8	50	NA	1748		
7						20.8		
8								
9								Brown Silty SAND and GRAVEL, little Clay, wet
10	NA	S-3	8-11.3	70	NA			
11								
12								Refusal @ 11.3'
13								
14								
15								
16								
17								
18								
19								
20								

File: 3292s18.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-19

Project: Anderson Cleaners
DAY Representative: D. Noll
Drilling Contractor: Day Environmental, Inc.
Drilling Rig: Track Mount 54LT
Sampling Method: Direct Push
Completion Method: Backfilled with cuttings

Project No: 3292S-03
Boring Location: See Test Boring Location Plan
Ground Surface Elevation: NA **Datum:** NA
Start Date: 09/03/03 **Completion Date:** 09/03/03
Borehole Diameter: 2.25" **Borehole Depth:** 10.9'
Water Level: Approximately 4.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Gravel / Asphalt
2	NA	S-1	0-4	70	NA	0.0 0.0 0.0		Silt, Sand, Gravel, Brick, moist (FILL)
4						0.0		Brown / Gray Clayey SILT, some Sand, little Gravel, wet
6	NA	S-2	4-8	60	NA	0.0 0.0 0.0		
8						0.0		Brown Silty SAND and GRAVEL, little Clay, wet
9	NA	S-3	8-10.9	80	NA	0.0 0.0 0.0		* Analytical Laboratory Sample TB-19 (8-10')
11								Refusal @ 10.9'
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 3292s19.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-20

Project: Anderson Cleaners
Project No: 3292S-03
DAY Representative: D. Noll
Boring Location: See Test Boring Location Plan
Drilling Contractor: Day Environmental, Inc.
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Track Mount 54LT
Start Date: 09/03/03
Completion Date: 09/03/03
Sampling Method: Direct Push
Borehole Diameter: 2.25"
Borehole Depth: 1.4'
Completion Method: Backfilled with cuttings
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-1.4	50	NA	0.0 0.0		3" Asphalt Silt, Sand, Gravel (FILL), damp
2								Refusal @ 1.4'
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 3292s20.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-21

Project: Anderson Cleaners
DAY Representative: D. Noll
Drilling Contractor: Day Environmental, Inc.
Drilling Rig: Track Mount 54LT
Sampling Method: Direct Push
Completion Method: Backfilled with cuttings

Project No: 3292S-03
Boring Location: See Test Boring Location Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 09/03/03
Completion Date: 09/03/03
Borehole Diameter: 2.25"
Borehole Depth: 7.7'
Water Level: Approximately 4.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1								Topsoil
2	NA	S-1	0-4	70	NA			Silt, Sand, Gravel, Brick, moist (FILL)
3								Brown / Back Clayey SILT, some Gravel (Faint odor possible organics)
4								... wet @ 4.0'
5								
6	NA	S-2	4-7.7	80	NA			
7								* Analytical Laboratory Sample TB-21 (6-7.7')
8								Refusal @ 7.7'
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 3292s21.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-22

Project: Anderson Cleaners
DAY Representative: D. Peck
Drilling Contractor: SLC Environmental Services
Drilling Rig: Geoprobe 54LT Track-Mount
Sampling Method: Direct Push
Completion Method: Backfilled with cuttings

Project No: 3292S-03
Boring Location: See Site Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 11/13/03
Completion Date: 11/13/03
Borehole Diameter: 2.25"
Borehole Depth: 11.9'
Water Level: Approximately 3.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	Laboratory Sample	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						88.6		3" Gravel Brown Silt, Sand, Gravel (FILL), moist
2	NA	S-1	0-4	50	NA	1411		Brown to Gray Clayey SILT, some Sand, little Gravel, wet
3						1009		
4								
5						982		
6	NA	S-2	4-8	80	NA	192		
7						215		
8								
9						1020		... Running SAND at 9.0', wet
10	NA	S-3	8-11.9	70	NA			
11						1075		... fine SAND, trace Gravel, moist
12								Refusal @ 11.9'
13								
14								
15								
16								
17								
18								
19								
20								

File: 3292b22.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-23 (MW-6)

Project: Anderson Cleaners
Project No: 3292S-03
DAY Representative: D. Peck
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Geoprobe 54LT Track-Mount
Start Date: 11/13/03
Completion Date: 11/13/03
Sampling Method: Direct Push
Borehole Diameter: 2.25"
Borehole Depth: 11.4'
Completion Method: 1-inch PVC Well Installed
Water Level:

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	Laboratory Sample	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						7.4		3" Gravel Brown Silt, Sand, Gravel (FILL), moist
2	NA	S-1	0-4	40	NA			Brown to Gray Clayey SILT, some Sand, little Gravel, moist
3						14.9		
4								
5						1.5		... wet
6	NA	S-2	4-8	70	NA	0.8		
7						1.5		
8								Brown coarse SAND, wet
9						12.2		
10	NA	S-3	8-11.4	50	NA	6.5		
11								... becoming fine to medium SAND
12								Refusal @ 11.4'
13								
14								
15								
16								
17								
18								
19								
20								

File: 3292b23.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-24

Project: Anderson Cleaners
DAY Representative: D. Peck
Drilling Contractor: SLC Environmental Services
Drilling Rig: Geoprobe 54LT Track-Mount
Sampling Method: Direct Push
Completion Method: Backfilled with cuttings

Project No: 3292S-03
Boring Location: See Site Plan
Ground Surface Elevation: NA
Start Date: 11/13/03
Borehole Diameter: 2.25"
Water Level: Approximately 4.0'

Datum: NA
Completion Date: 11/13/03
Borehole Depth: 11.9'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	Laboratory Sample	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						3.7		3" Concrete Brown Silt, Sand and Gravel, moist (FILL)
2	NA	S-1	0-4	30	NA	2.1		
3						6.7		Brown to Gray Clayey SILT, moist
4						29.8		Brown to Gray SAND and GRAVEL, wet
5						313		
6	NA	S-2	4-8	80	NA	278		Brown / Gray Clayey SILT, trace Sand, wet
7						553		
8						436		
9						537		
10	NA	S-3	8-11.9	40	NA			
11						22.9		
12								Refusal @ 11.9'
13								
14								
15								
16								
17								
18								
19								
20								

File: 3292b24.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-25

Project: Anderson Cleaners
DAY Representative: D. Peck
Drilling Contractor: SLC Environmental Services
Drilling Rig: Geoprobe 54LT Track-Mount
Sampling Method: Direct Push
Completion Method: Backfilled with cuttings

Project No: 3292S-03
Boring Location: See Site Plan
Ground Surface Elevation: NA
Start Date: 11/13/03
Borehole Diameter: 2.25"
Water Level: Not Encountered

Datum: NA
Completion Date: 11/13/03
Borehole Depth: 2.8'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	Laboratory Sample	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-2.8	20	NA	3.3		4.5"Concrete Brown Silt and Gravel (FILL)
2						7.8		... Dark Brown Silt
3								Refusal @ 2.8'
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 3292b25.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-26 (MW-7)

Project: Anderson Cleaners
DAY Representative: D. Peck
Drilling Contractor: SLC Environmental Services
Drilling Rig: Geoprobe 54LT Track-Mount
Sampling Method: Direct Push
Completion Method: 1-inch PVC Well Installed

Project No: 3292S-03
Boring Location: See Site Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 11/13/03
Completion Date: 11/13/03
Borehole Diameter: 2.25"
Borehole Depth: 10.5'
Water Level:

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	Laboratory Sample	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						8.3		5-inches of Concrete
								Brown Silt and Gravel (FILL)
2	NA	S-1	0-4	50	NA	4.2		
								Brown / Gray Clayey SILT, moist
3						18.8		... trace organics at 3.0'
4						66.7		
5								Gray Course SAND, wet
6	NA	S-2	4-8	25	NA	6.8		
								Brown / Gray Clayey SILT, wet
7						12.3		
8								Brown Silty SAND, wet
9	NA	S-3	8-10.5	NA	NA	21.7		... becomes medium SAND
10						171		
11								Refusal @ 10.5'
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 3292b26.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

DRAFT

BORING NUMBER: TB-27 (MW-8)

Project: Anderson Cleaners
DAY Representative: D. Peck
Drilling Contractor: SLC Environmental Services
Drilling Rig: Geoprobe 54LT Track-Mount
Sampling Method: Direct Push
Completion Method: Backfilled with cuttings

Project No: 3292S-03
Boring Location: See Site Plan
Ground Surface Elevation: NA
Start Date: 11/13/03
Borehole Diameter: 2.25"
Water Level:

Datum: NA
Completion Date: 11/13/03
Borehole Depth: 11.5'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	Laboratory Sample	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.4		3" Wood Floor 2" Asphalt 3" Concrete
2	NA	S-1	0-4	50	NA	0.7		Brown Silt, Sand and Gravel (FILL), moist
3						1.0		Brown / Gray Clayey SILT, little Gravel, moist
4								Brown/Gray coarse SAND, little Gravel, wet
5						3.7		
6	NA	S-2	4-8	70	NA	0.3		Brown / Gray Clayey SILT, wet
7						0.1		
8						0.5		
9						0.0		... little rounded Gravel
10	NA	S-3	8-11.5	70	NA			
11						0.0		
12								Refusal @ 11.5'
13								
14								
15								
16								
17								
18								
19								
20								

File: 3292b27.log

ATTACHMENT B

TABLES

TABLE I

ANDERSON CLEANERS
5 HUNT AVENUE
JAMESTOWN, NEW YORK

SUMMARY OF VOLATILE ORGANIC COMPOUND (VOC) TEST RESULTS IN PARTS PER BILLION (PPB)

SOIL SAMPLES

Constituent	SAMPLE LOCATION AND DESIGNATION (SAMPLES TESTED FOR PCE ONLY)								NYSDEC TAGM 4046 RECOMMENDED SOIL CLEANUP OBJECTIVE (PPB) [1]
	TB-1* (2-4')	TB-2* (2-4')	TB-2* (4-6')	TB-6* (2-4')	TB-13* (6-7.7')	TB-17* (8-10')	TB-19* (8-10')	Sediment Sample*	
Tetrachloroethene	43.9	298	< 11.5	< 8.12	22.0	42.9	52.9	< 14.1	1,400

Constituent	SAMPLE LOCATION AND DESIGNATION					NYSDEC TAGM 4046 RECOMMENDED SOIL CLEANUP OBJECTIVE (PPB) [1]
	TB-3 ** (2-4')	TB-4** (4-7')	TB-10 * (8-10')	TB-15 * (8-10')	TB-21 * (6-7.7')	
cis-1,2-Dichloroethene	31,000 E	1,440	NT	NT	NT	NL
trans-1,2-Dichloroethene	**440**	98.7	< 129,000	< 9.14	< 8.01	300
Tetrachloroethene	**6,350**	**3,060**	**1,660,000**	317	27.7	1,400
Trichloroethene	**4,450**	458	< 129,000	49.5	< 8.01	700
Vinyl Chloride	**692**	< 49.6	< 129,000	< 9.14	< 8.01	200
Toluene	< 179	144	< 129,000	< 9.14	< 8.01	1,500
m,p-Xylene	< 179	148	< 129,000	< 9.14	< 8.01	1,200
o-Xylene	< 179	50.0	< 129,000	< 9.14	< 8.01	1,200

(1) = Recommended soil cleanup objectives as referenced in January 24, 1994, NYSDEC Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels (TAGM 4046).
* = Sample tested using USEPA Method 8021B.
** = Sample tested using USEPA Method 8260B.
< 11.5 = Not detected above the reported analytical laboratory detection limit value.
E = Estimated Concentration.
PCE = Tetrachloroethene.
NL = Not listed in TAGM 4046.
NT = Compound not tested.
440 = Bold denotes that the concentration exceeds the recommended soil cleanup objective as referenced in TAGM 4046.

TABLE II

ANDERSON CLEANERS
5 HUNT AVENUE
JAMESTOWN, NEW YORK

SUMMARY OF VOLATILE ORGANIC COMPOUND (VOC)
TEST RESULTS IN PARTS PER BILLION (PPB)

GROUNDWATER SAMPLES

PARAMETER	SAMPLE LOCATION								NYSDEC TOGS 1.1.1 GROUNDWATER STANDARDS AND GUIDANCE VLUES (PPB)[1]
	MW-1*	MW-2*	MW-3*	MW-4**	MW-5*	MW-6**	MW-7**	MW-8**	
Tetrachloroethene	**81,800**	**19,300**	<2.00	**17,600**	**70.0**	**1,790**	**53,300**	**437**	5
Trichloroethene	<10,000	<2,000	<2.00	<200	<2.00	**49.4**	<1,000	**103**	5
trans-1,2-Dichloroethene	<10,000	<2,000	<2.00	<200	<2.00	<20.0	<1,000	<10.0	5
Vinyl Chloride	<10.000	<2,000	<2.00	<200	<2.00	<20.0	<1,000	**14.5**	2

(1) = New York State Department of Environmental Conservation (NYSDEC) June 1998 Division of Water Technical Operational and Guidance Series 1.1.1 (TOGS 1.1.1) Ambient Groundwater Standards and Guidance Values.
<10,000 = Not detected above the reported analytical laboratory detection limit value.
440 = Bold denotes that the concentration exceeds the NYSDEC TOGS 1.1.1 groundwater standards and guidance values.
* = Groundwater sample collected September 17, 2003
** = Groundwater sample collected November 23, 2003