NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION

ECL ARTICLE 27, TITLE 14

9/3/04

Applicant Information

NAME BN Partners Associates, LLC		
ADDRESS 695 Rotterdam Industrial Park		
CITY/TOWN Schenectady	ZIP CODE 12306	
PHONE (518) 356-4445	FAX (518) 356-5334	E-MAIL dbuicko@galesi.com
NAME OF APPLICANT S REPRESENTATIVE Dean S Sommer, Esq.		
ADDRESS Young, Sommer LLC, Executive Woods, Five Palisades Drive		
CITY/TOWN Albany	ZIP CODE 12205	
PHONE (518) 438-9907	FAX (518) 438-9914	E-MAIL dsommer@youngsommer com

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 Maxon Realty, Inc., 800 New Loudon Road		
CITY/TOWN Latham	ZIP CODE 12110	
PHONE (518) 785-6633	FAX (518) 785-6647	E-MAIL
OPERATOR S NAME (if different from applicant)		
ADDRESS		
CITY/TOWN	ZIP CODE	
PHONE	FAX	E-MAIL

*Pursuant to an option, Applicant shall acquire the property being admitted to the Brownfield Cleanup Program.

Site Information

SITE NAME College Park (See Legal Description Attached)

SITE ADDRESS 1520 Maxon Road CITY/TOWN Schenectady ZIP CODE 12306

COUNTY Schenectady | SITE SIZE (ACRES) Approximately 6 Acres

LATITUDE (degrees/minutes/seconds) 42 ° 82 ' " | LONGITUDE (degrees/minutes/seconds) ° -73 ' 93 "

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? ☑YES ☐NO
IF NO, PLEASE ATTACH A METES AND BOUNDS DESCRIPTION OF THE SITE

2 IS THE SITE PART OF A DESIGNATED BROWNFIELD OPPORTUNITY AREA PURSUANT TO GML 970-R? IF YES, IDENTIFY AREA (NAME) _____ ☑YES ☐NO

3 IS THE SITE PART OF A DESIGNATED EN-Zone PURSUANT TO TL § 21(b)(6)? FOR MORE INFORMATION GO TO: http://www.nylovesbiz.com/Productivity_Energy_and_Environment/BrownField_Redevelopment/default.asp ☑YES ☐NO

IF YES, IDENTIFY AREA (NAME) Abandoned

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? ☐YES ☑NO
IF YES, PLEASE PROVIDE: SITE #_____ CLASS #_____

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 1.

Site's Environmental History

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

1. **ENVIRONMENTAL DATA**
   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 See attached Site Investigation Report (2) and Final Investigation Work Plan (3).
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: See attachment 4.

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	Aged ALCO Petroleum				
Chlorinated Solvents	See attached	Site Investigation Report	(2)		
Other VOCs					
SVOCs					
Metals					
Pesticides					
PCBs					
Other*					

*Please describe: _____

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

Current Use: ☐ Residential ☐ Commercial ☑ Industrial ☑ Other Abandoned

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?	☑	☐	☐

3. Is the proposed use consistent with applicable brownfield opportunity area designations? (See GML 970-1)	☑	☐	☐
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. See attached Site Investigation Report (2)

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. No water supply impact from site.

15. Describe on attachment the geography and geology of the site. See attached Site Investigation Report (2)

(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: _____ Signature: _____ Print Name: _____

(By an applicant other than an individual)
I certify that I am _____ (title) of _____ (entity); that I am authorized by that entity to make this application; that this application was prepared by me or under my supervision and direction; 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: 5/12/05 Signature: _____ Print Name: David m Bucko

SUBMITTAL INFORMATION:

Three (3) complete copies are required

- **Two (2)** copies, one hard copy with original signatures and one electronic copy in Portable Document Format (PDF) on a CD or diskette, 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)** hard 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: _____

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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NAME OF APPLICANT S REPRESENTATIVE David M Buicko		
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☑ VOLUNIEER

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 Maxon Realty, Inc., 800 New Loudon Road		
CITY/TOWN Latham	ZIP CODE 12110	
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OPERATOR S NAME (if different from applicant)		
ADDRESS		
CITY/TOWN	ZIP CODE	
PHONE	FAX	E-MAIL

* Pursuant to an option, Applicant shall acquire the property upon the property being admitted to the Brownfield Cleanup Program.

Site Information

SITE NAME College **Park** (See Legal Description Attached)

SITE ADDRESS 1520 Maxon Road CITY/TOWN Schenectady ZIP CODE 12306

COUNTY Schenectady | SITE SIZE (ACRES) Approximately 6 Acres

LATITUDE (degrees/minutes/seconds) ° " | LONGITUDE (degrees/minutes/seconds) °

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 MEIES AND BOUNDS? IF NO PLEASE ATTACH A METES AND BOUNDS DESCRIPTION OF IHE SITE	☑ YES ○ NO
2	IS THE SITE PART OF A DESIGNATED BROWNFIELD OPPORTUNITY AREA PURSUANT TO GML 970-R? IF YES IDENTIFY AREA (NAME) _____	☑ YES ☐ NO
3	IS THE SITE PART OF A DESIGNATED EN-Zone PURSUANT TO TL § 21(b)(6)? FOR MORE INFORMATION GO TO: http://www nylovesbiz com/Productivity_Energy_and_Environment/BrownField_Redevelopment/default asp IF YES IDENTIFY AREA (NAME) Abandoned	☑ YES ☐ NO

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

1	ARE ANY ENFORCEMENT ACTIONS PENDING AGAINSI 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 APPLICANI BEEN PREVIOUSLY DENIED ENIRY TO THE BCP?	☐ YES ☑ NO
5	HAS THE APPLICANT COMMITTED A NEGLIGENT OR INTENTIONALLY TORTIOUS ACT REGARDING HAZARDOUS WASIE OR PETROLEUM?	☐ YES ☑ NO
6	HAS THE APPLICANI BEEN CONVICTED OF A CRIMINAL OFFENSE THAT INVOLVES A VIOLENT FELONY FRAUD, BRIBERY PERJURY THEFT, OR OFFENSE AGAINSI PUBLIC ADMINISTRATION?	☐ YES ☑ NO
7	HAS THE APPLICANT KNOWINGLY FALSIFIED STATEMENIS ORCONCEALED MATERIAL FACTS IN A MATTER RELATED TO THE DEPARTMENT?	☐ YES ☑ NO
8	HAS THE APPLICANT BASED ON IHE PROVISIONS OF ECL ARTICLE 27-1407 (OR A SIMILAR PROVISION OF FEDERAL OR STATE LAW) COMMITIED AN ACT OR FAILED TO ACI AND SUCH ACI'ORFAILURE 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 IHE SITE LISTEDON THE NATIONAL PRIORITIES LIST?	☐ YES ☑ NO
3	IS THE SITE LISTED ON THE NYS REGISTRY OF INACTIVE HAZARDOUS WASIE 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 IHAN AN INTERIM STATUS FACILITY?	☐ YES ☑ NO
5	IS THE SITE SUBJECT TO A CLEANUPORDER UNDER NAVIGAIION LAW ARTICLE 12 OR ECL ARTICLE 17 TITLE 10?	☐ YES ☑ NO
6	IS THE SITE SUBJECT TOA STATEORFEDERAL 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 1.

Site's Environmental History

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

1 **ENVIRONMENTAL** DAIA
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 1 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 WHEIHER IT MEETS THEREQUIREMENTSOF ECL ARTICLE 27-1415(2):
☐YES ☐NO See attached Site Investigation Report (2) and Final Investigation Work Plan (3).

2 OWNERS
A LIST OF PREVIOUS OWNERS WITH NAMES LAST KNOWN ADDRESSES AND TELEPHONE NUMBERS (DESCRIBE APPLICANI'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").

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1 THE CHIEF EXECUTIVE OFFICER AND ZONING BOARD CHAIRPERSON OF EACH COUNTY CITY IOWN AND VILLAGE IN WHICH THE SITE IS LOCATED

2 RESIDENTS OWNERS AND OCCUPANISOF THE SITE AND PROPERTIES ADJACENT TO THE SITE

3 LOCAL NEWS MEDIA FROM WHICH THE COMMUNITY TYPICALLY OBTAINS INFORMATION

4 IHEPUBLIC 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 LOCATEDON OR NEAR IHE SITE

7. THE LOCATION OF A DOCUMENT REPOSITORY FOR THE PROJECI (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	Aged ALCO Petroleum				
Chlorinated Solvents	See attached	Site Investigation Report	(2)		
Other VOCs					
SVOCs					
Metals					
Pesticides					
PCBs					
Other*					

*Please describe: _____

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

Current Use: ☐ Residential q Commercial ☑ Industrial ☑ Other Abandoned

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?	d o		☐

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 thete 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 proxtmate 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. See attached Site Investigation Report (2).

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 m a s No water supply impact from site.

15. Describe on attachment the geography and geology of the site See attached Site Investigation Report (2).

(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: Signature: Print Name:

(By an applicant other than an individual)
I certify that I am (title) of (entity); that I am authorized by that entity to make this application; that this application was prepared by me or under my supervision and direction; 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: Signature: Print Name:

SUBMITTAL INFORMATION:

Three (3) complete copies are required

- Two (2) copies, one hard copy with original signatures and one electronic copy in Portable Document Format (PDF) on a CD or diskette, 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) hard 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:

1

PROJECT DESCRIPTION

PROJECT DESCRIPTION

This brown-field redevelopment project, known as College Park, ("the Project"), involves further redevelopment of abandoned former American Locomotive Company ("ALCO") property in Schenectady, New York The redevelopment of' portions of' former ALCO property first began with efforts by Union College, with the oversight and cooperation of the New York State Department of Environmental Conservation, along the North Jay Street/Nott Street area This Project, proposed by BN Partners Associates, Inc involves the redevelopment of'additional parcels of the ALCO property into a mixed use campus along Nott Street and Maxon Road The Project property is located in an Empire Zone and an Urban Renewal Community Zone (Pictures of the Union College project on former ALCO property and depictions of this proposed Project on former ALCO property are attached The dilapidated building in the pictures is located on the Project location This building is to be demolished as part of the Final Site Investigation program The contrast between the Union College redeveloped area and the abandoned, unused Project area are evident from the pictures)

PRESENT SITE CONDITION AND HISTORY

The current use of the 10+/- acre property is idle and abandoned, in deteriorating condition, including a roof collapse on the existing structure The property has been in this dilapidated condition for more than a decade The intended use of the property, as more fully described below, is for commercial building development and associated parking lot areas

The history of the property on which the Project is planned is well known, having been the former Site of the American Locomotive Company ("ALCO") (historical information and ALCO site maps are attached hereto) Subsurface investigations of other portions of the former ALCO plant have been conducted on properties adjacent to the Big N property (the project location), including, but not limited to, subsurface investigations conducted by Union College at the former Ramada Inn property on Nott Street, the Main Care property on Huron Street and the Fusco property on North Jay The Department was involved with the work plans carried out on those former ALCO areas and has been provided with the results of those investigations and post remediation monitoring results,,

There have been prior evaluations of' environmental conditions at the Big N property (the Project location) including a Phase 1 investigation conducted by Dunn Geoscience Corporation in 1989 and a Site Investigation conducted by Northeastern Environmental Technologies Corp. in February 2005 The most recent Site Investigation included a Ground Penetrating Radar Survey, a Soil Gas Survey, Test Pit Excavations, Soil Borings and Soil Sampling, and Groundwater Sampling, along with a comprehensive Investigation Report, all of'which were submitted to the Department This information is attached to this Application as Attachment 2

The present condition of the Project site continues to deteriorate and diminish the character of the community despite redevelopment and community improvements along Nott Street immediately adjacent thereto

The Applicant/Volunteer submits, along with its Application, a Site Investigation Report and Final Remedial Investigation Work Plan (Attachments 2 and 3) The Final Remedial Investigation Work Plan will address any remaining data gaps concerning the nature and extent of ALCO contamination in the subsurface so that a remedial action can be selected and the redevelopment project commenced

PROJECT DESCRIPTION

This brownfield redevelopment Project seeks to transform this abandoned and under used former industrial property into productive commercial property for potential use by members of the Schenectady community, including, but not limited to the YMCA, Union University and Ellis Hospital

Specifically, the proposed Project will consist of: (i) an approximately 65,000 square foot YMCA, which will include a daycare facility for up to 125 children; (ii) a new Graduate School for Union College; and (iii) two commercial and/or medical/professional office buildings (See Attached depictions)

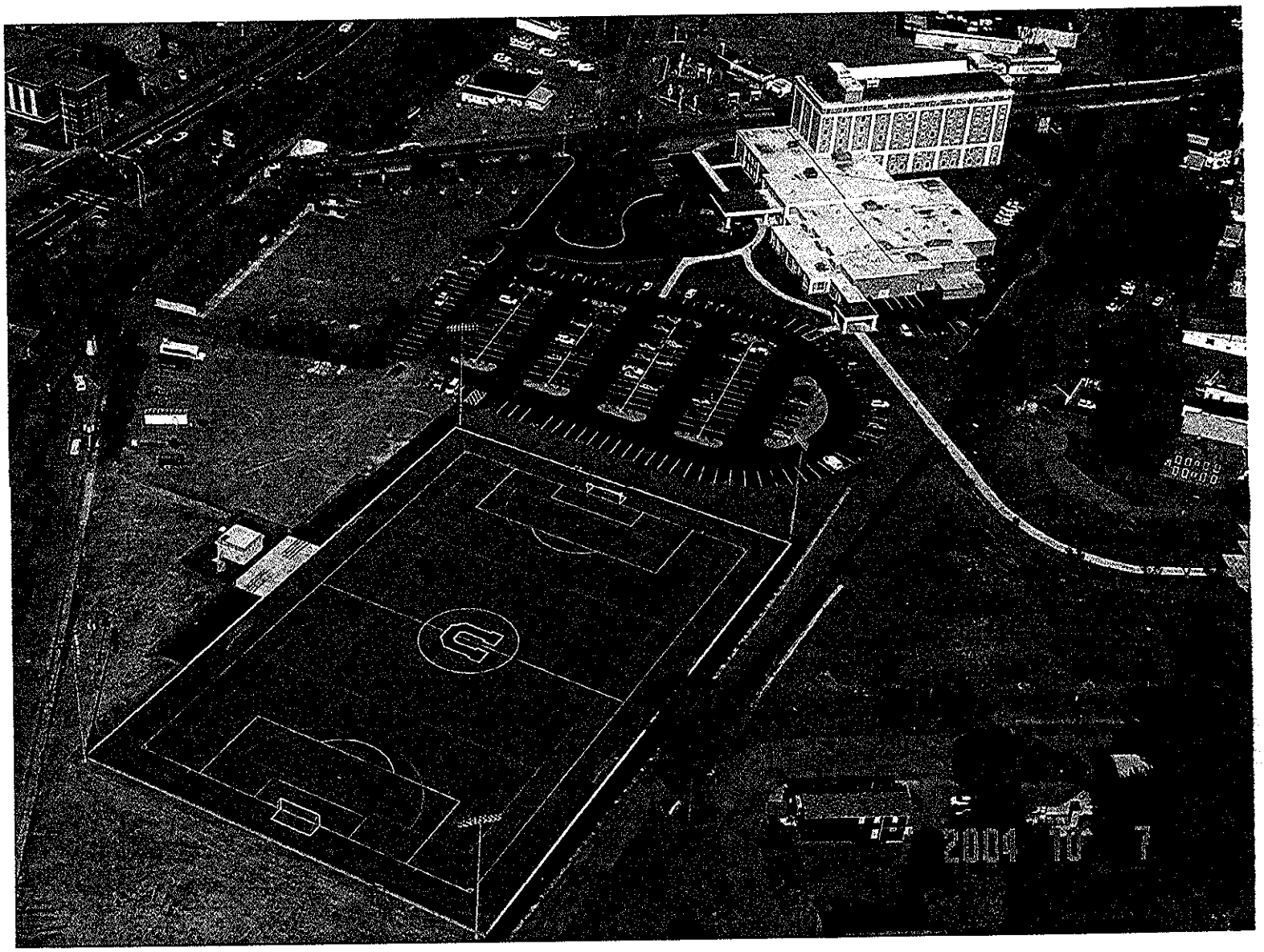
This further redevelopment of the ALCO property will create and foster the creation of jobs and enhance economic growth in the City of Schenectady while also protecting human health and the environment by removing historic contamination that has been present in the subsurface for almost a century The development of this brown-field area will not only reduce pressure to locate this planned commercial development on a "green-field" site outside of the City but is expected to continue to enhance the redevelopment and reuse of industrial areas in the Nott Street/Erie Boulevard section of Schenectady.

The Project is anticipated to take three years to fully develop The Project cost will be in excess of $25,000,000

This Project has the support of the City of Schenectady, the County of Schenectady, the Schenectady Industrial Development Agency, and the Schenectady Metroplex Authority

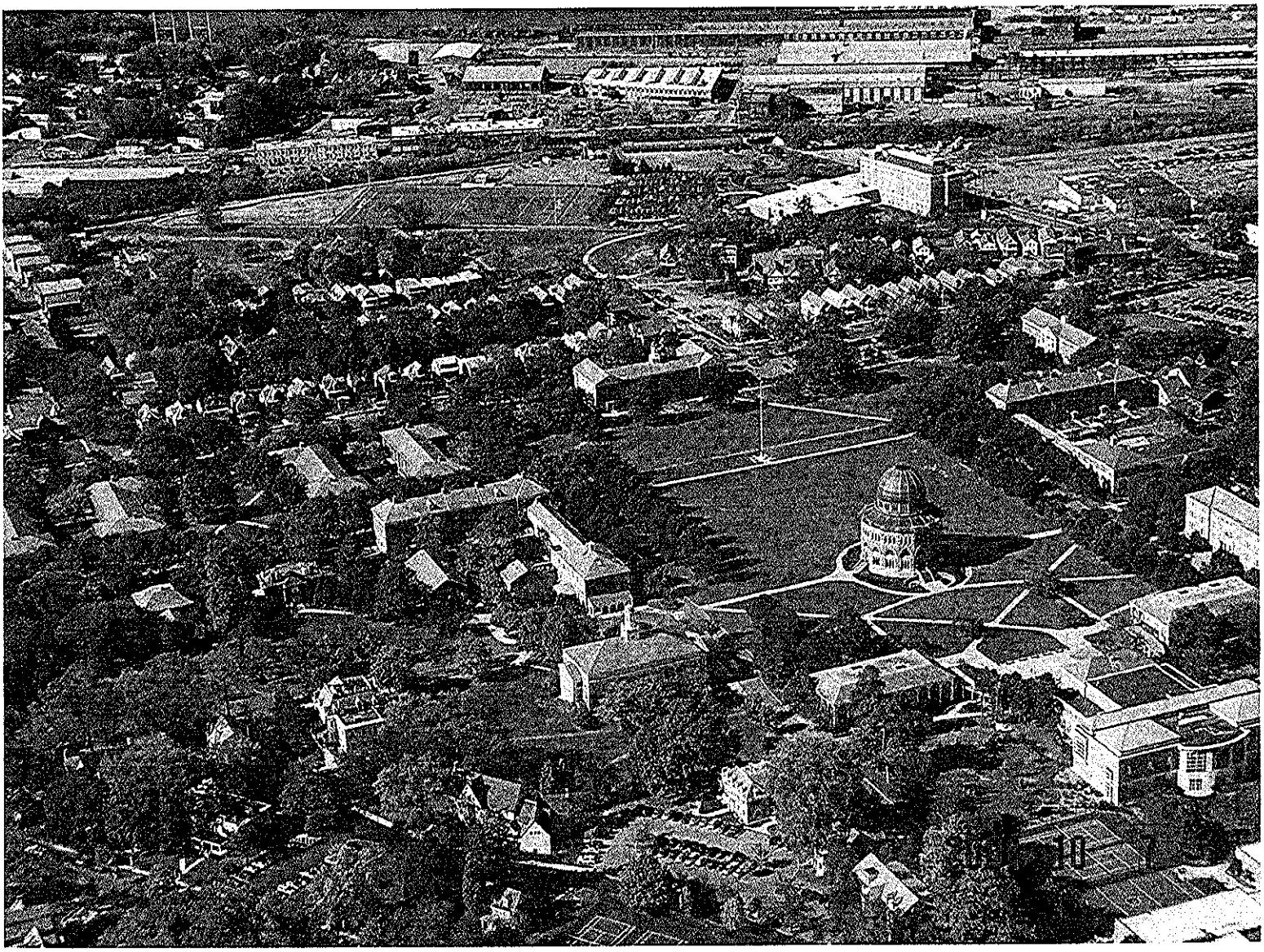
A

PHOTOGRAPHS



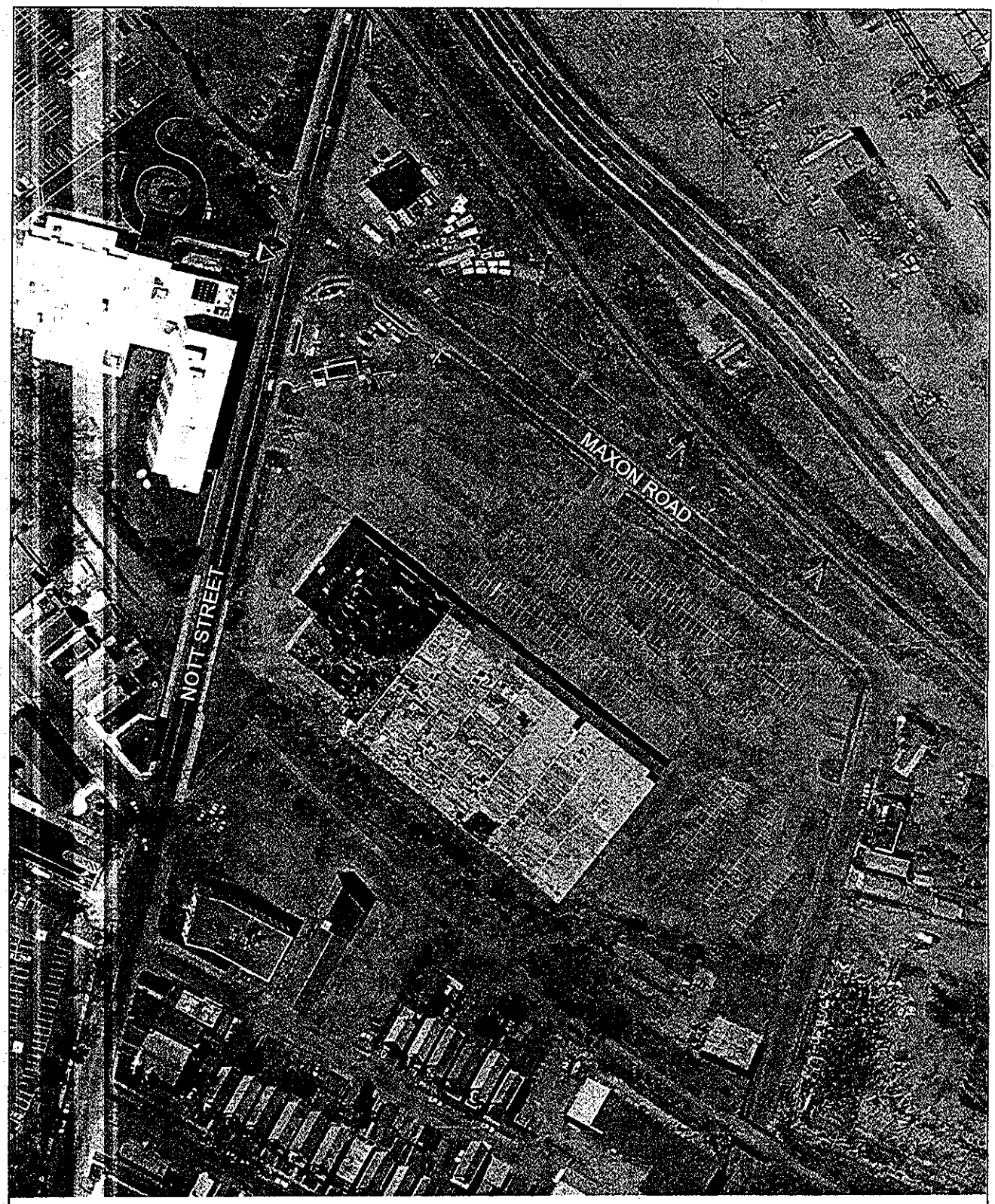
Union Project on ALCO Property

**Union Project in Background;
Project Site and Dilapidated
Building in Foreground**



B

PROJECT LOCATION AND COMMERCIAL BUILDINGS

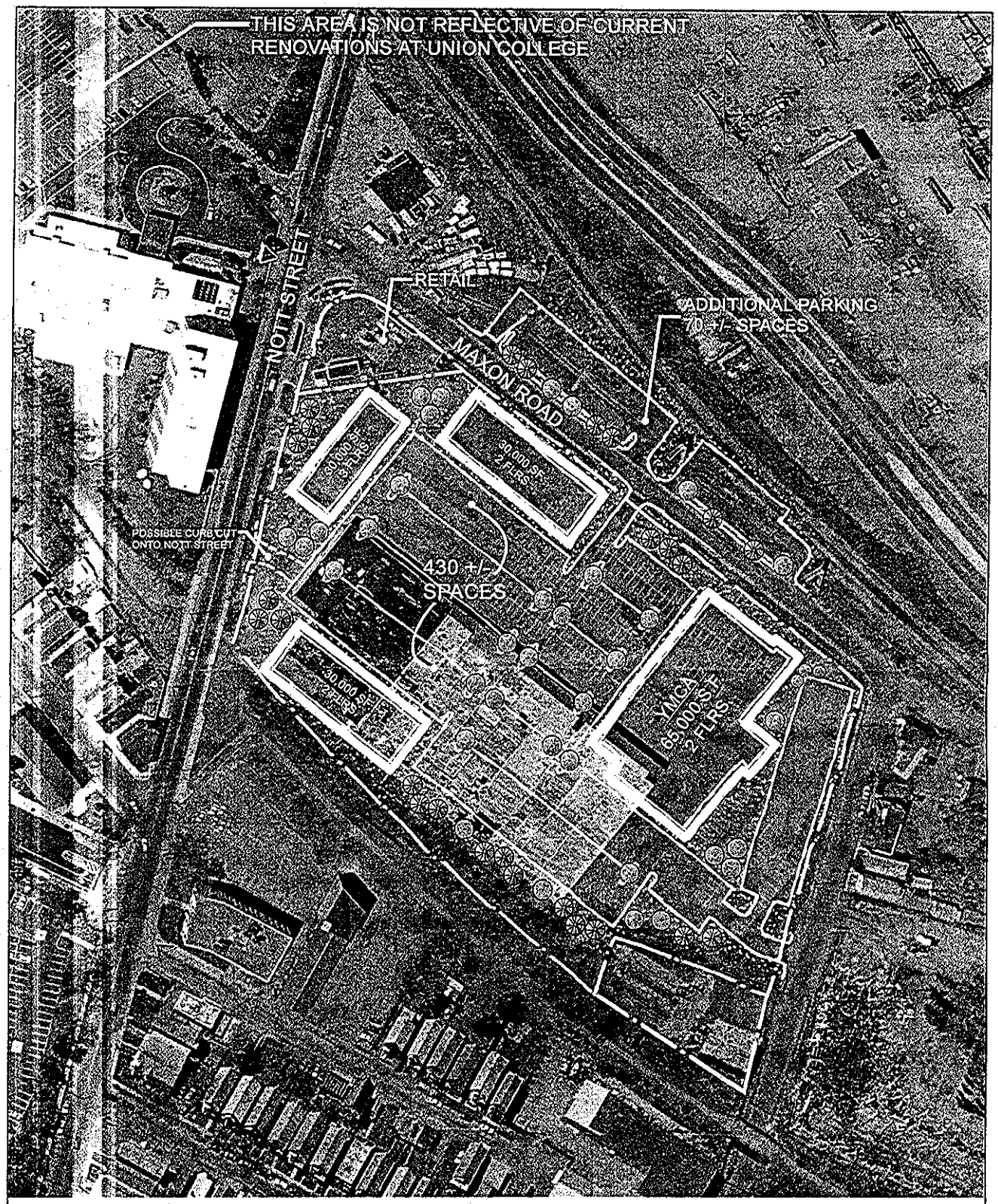


EXISTING CONDITIONS
NOTT STREET, SCHENECTADY, NY

SCALE: 1" = 40'

CHA

NOVEMBER 2004



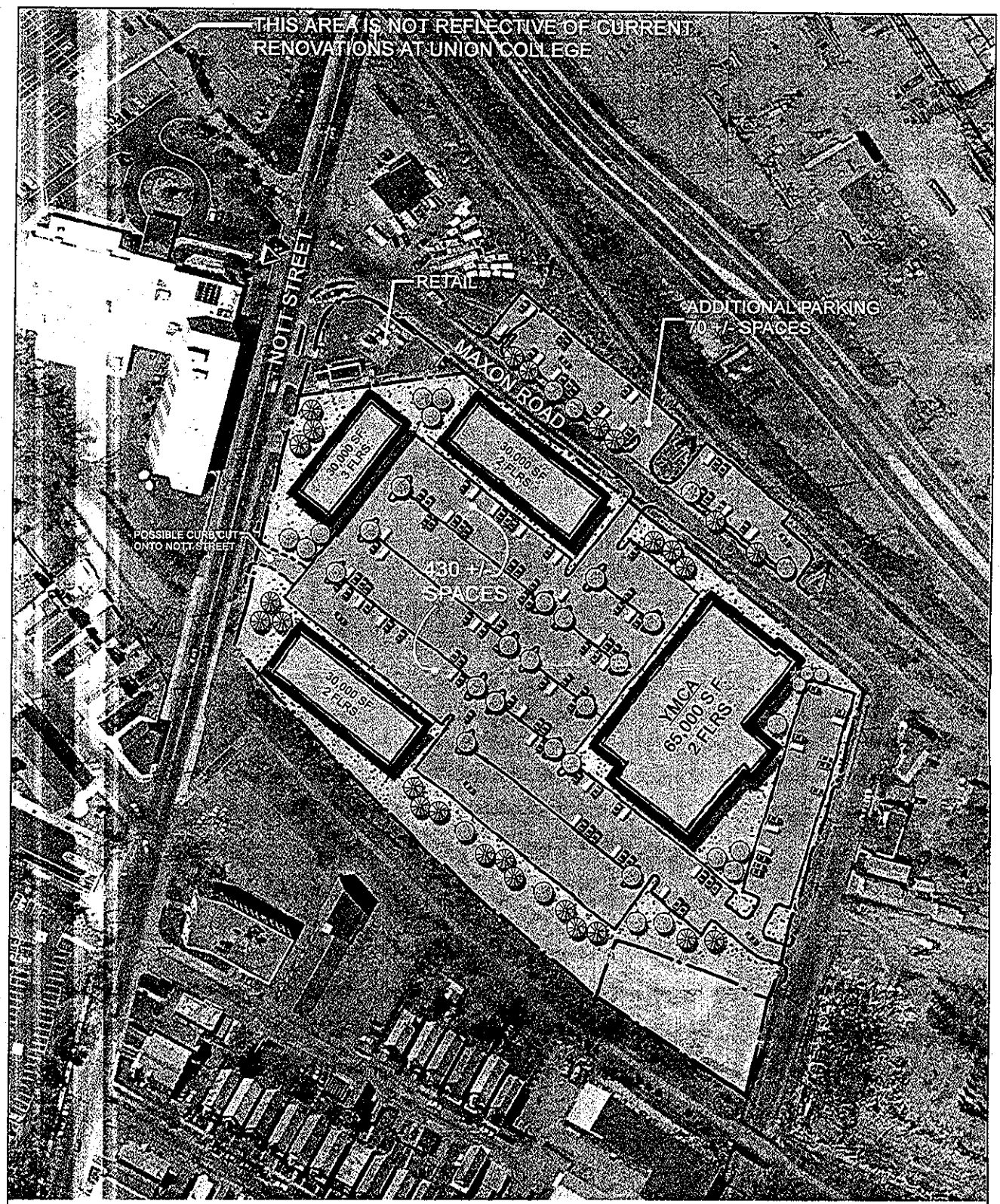
COLLEGE PARK

NOTT STREET, SCHENECTADY, NY

SCALE: 1" = 40'

CHA

NOVEMBER 2004



N

SCALE. 1" = 40'

COLLEGE PARK
NOTT STREET, SCHENECTADY, NY

CHA

NOVEMBER **2004**

C

DEED
DESCRIPTION

SCHEDULE "A" DESCRIPTION

FWL-042
FRANK LANDRY TITLE AGENCY
Page 1

Client Reference Number FWL-042

ALL THAT CERTAIN TRACT, PIECE OR PARCEL OF LAND situate, lying and being in the City of Schenectady, County of Schenectady, New York, bounded and described as follows: BEGINNING at a point on the Easterly line of Maxon Road distant 202.5 feet Northerly from the corner. formed by the intersection of the Easterly side of Maxon Road and the Northerly side of Nott Street; thene along the Easterly line of Maxon Road, N 49° 10' E 18144 feet to a point; thence on a line at right angles to the Easterly line of Maxon Road on a course of S 40°50' E 399 6 0 feet to a point; thence on a line parallel to the Easterly line of Maxon Road on a course of S 49° 10' W a distance of 20 feet: to a point; thence on a line at right angles to the last mentioned course S 40° 50' E 80 feet more or less to the westerly line of lands of New York Central Railroad; thence along said last mentioned lands on a curve to the left a distance of 181 feet more or less to the Northerly line of Nott Street; thence along the Northerly line of Notr Street N 65° 00' W 301..9 feet to a point; thence N 00° 47' E 202 66 feet to the point and place of BEGINNING.

Together with an easement for the purpose of ingress and egress co and from the above described premises for the parking of vehicles upon, over. and across those portions of the premises adjoining *the* above described premises on the North which lie Easterly and Westerly of the buildings now constructed thereon and of any ocher buildings to be constructed thereon and subject to the easement in favor of the premises adjoining on the North upon, over and those portions of the above described premises which lie Easterly and Westerly of any buildings to be constructed thereon.

Attachment for
Site Information

SCHEDULE "A" DESCRIPTION

FWL 041

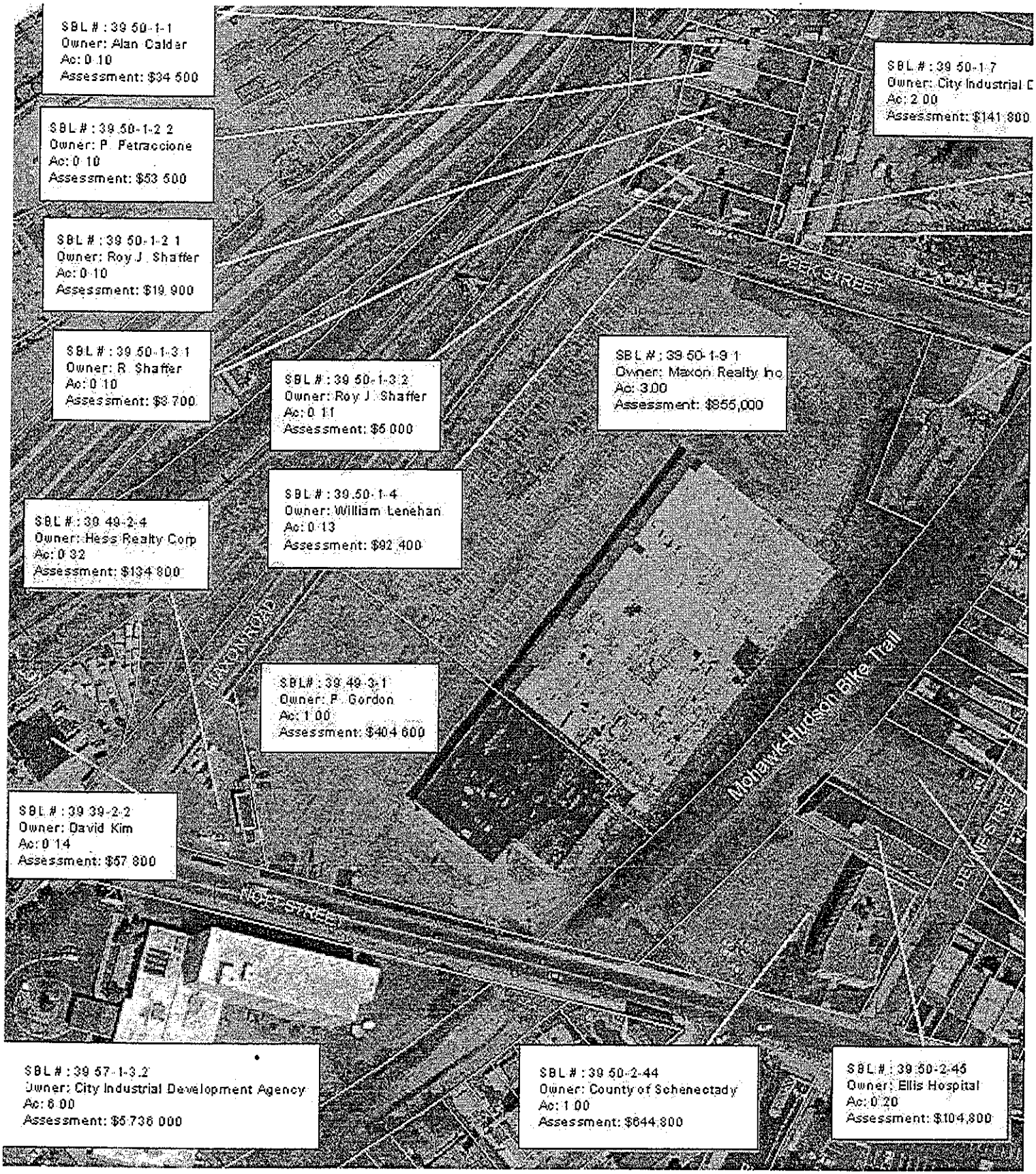
FRANK LANDRY TITLE AGENCY

Client Reference Number FWL-41

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OR TRACT OF LAND, with buildings and improvements thereon, situate in the City and County of Schenectady and State of New York, lying along the southeasterly side of Maxon Road and along the southwesterly side of Peek Street and described as follows:

BEGINNING at the intersection of the southeasterly line of Maxon Road with the southwesterly line of Peelc Street and running thence along the southeasterly side of Maxon Road South 49°10' West, **464 64** feet to a point; Thence South 40°50' East, **39960** feet to a point; Thence South 49°10' West, **20 00** feet to a point; Thence South 40°50' East, **80.00** feet more or less to a point in the northwesterly right of way line of New York Central & Hudson River Railroad, then, on a curve to the left along the said northwesterly right of way line of said railroad **455** feet more or less, to a point in the southwesterly line of lands formerly of Winne and McKain C o ; thence along said last mentioned lands North 55°02' West, **70 50** feet to a point marked by a brass marker in concrete; Thence along still said last mentioned lands North 31°06' East, **202 0 0** feet to a point in the southwesterly line of Peek Street; Thence northwesterly along the southwesterly line of Peek Street, **39400** feet more or less to the point or place of BEGINNING, containing **5 974** more or. less acres in area

TOGETHER with an easement, for the purpose of ingress to and egress from the above-described premsies for the parking of vehicles, upon, over and across those portions of premises adjoining the above.-describedpremises on the south which lie easterly and westerly of any building to be constructed thereon,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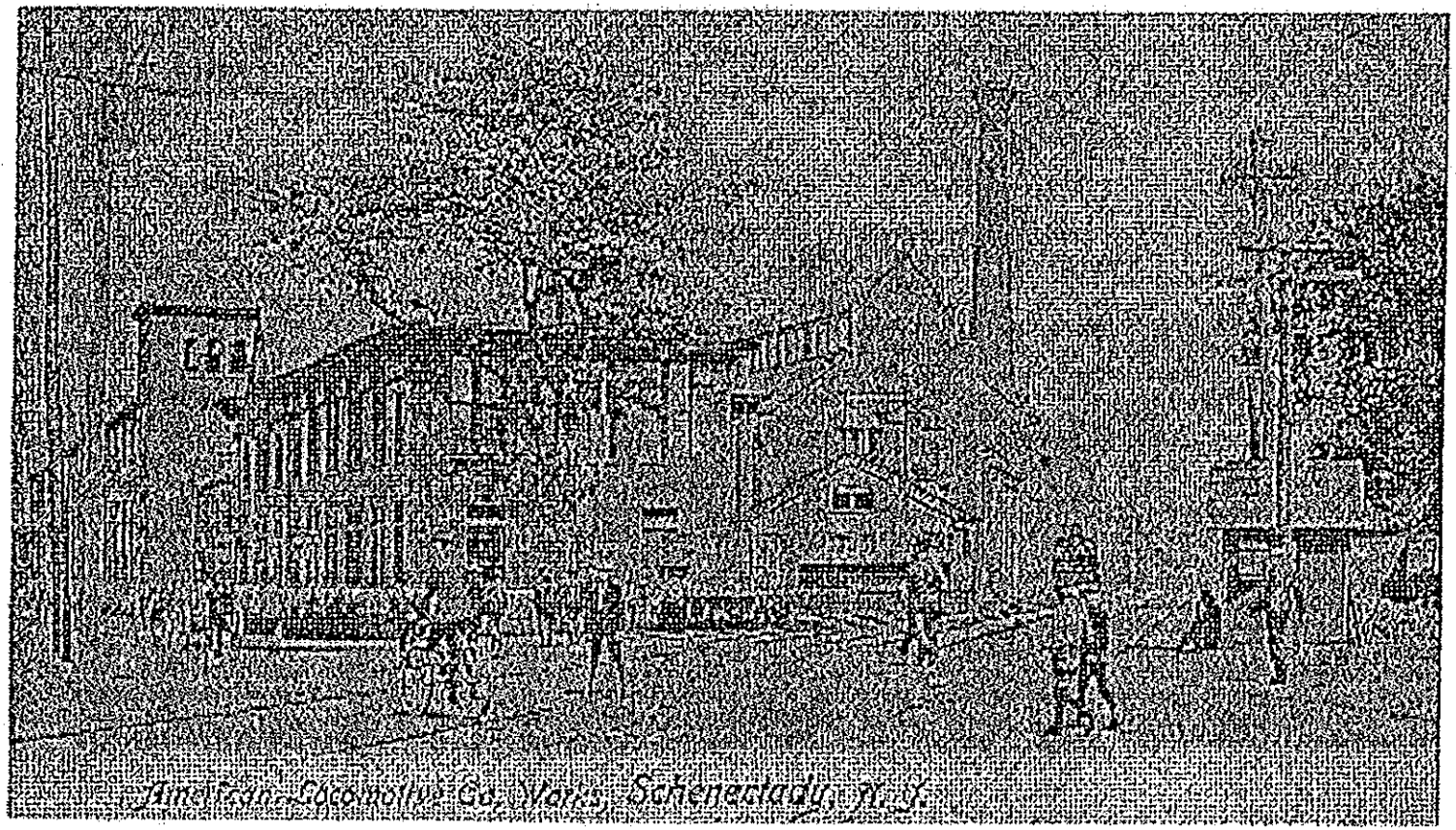
Owner: Alan Calder
Ac: 0 10
Assessment: $34 500
SBL # : 39 50-1-2 2
Owner: P Petraccione
Ac: 0 10
Assessment: $53 500
SBL # : 39 50-1-2 1
Owner: Roy J Shaffer
Ac: 0 10
Assessment: $19 900
SBL # : 39 50-1-3 1
Owner: R Shaffer
Ac: 0 10
Assessment: $8 700
SBL # : 39 50-1-3 2
Owner: Roy J Shaffer
Ac: 0 11
Assessment: $5 000
SBL # : 39 50-1-9 1
Owner: Maxon Realty Inc
Ac: 3 00
Assessment: $855,000
SBL # : 39 50-1-7
Owner: City Industrial D
Ac: 2 00
Assessment: $141 800
SBL # : 39 50-1-4
Owner: William Lenehan
Ac: 0 13
Assessment: $92 400
SBL # : 39 49-2-4
Owner: Hess Realty Corp
Ac: 0 32
Assessment: $134 800
SBL# : 39 49-3-1
Owner: P Gordon
Ac: 1 00
Assessment: $404 600
Mohawk-Hudson Bike Trail
SBL # : 39 39-2-2
Owner: David Kim
Ac: 0 14
Assessment: $57 800
SBL # : 39 57-1-3 2
Owner: City Industrial Development Agency
Ac: 6 00
Assessment: $5 736 000
SBL # : 39 50-2-44
Owner: County of Schenectady
Ac: 1 00
Assessment: $644 800
SBL # : 39 50-2-45
Owner: Ellis Hospital
Ac: 0 20
Assessment: $104 800

American Locomotive Co. Works

Schenectady, N. Y.



old postcard of ca 1904

2

SUBSURFACE INVESTIGATION REPORT

SUBSURFACE INVESTIGATION

(DRAFT REPORT)

BIG -N PLAZA
1510 - 1520 MAXON ROAD
SCHENECTADY, NEW YORK

NETC PROJECT #04.12144

PREPARED FOR:

YOUNG, SOMMER ...LLC
EXECUTIVE WOODS
5 PALISADES DRIVE
ALBANY, NEW YORK, NY 12205

PREPARED BY:

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORP.
1476 NYS ROUTE 50 - P O BOX 2167
BALLSTON SPA, NEW YORK 12020
(518) 884-8545

DATED:

MARCH 28, 2005

"..... providing integrated environmental and geotechnical services ....."

GEO-ENVIRONMENTAL CONSULTING & PROPERTY MANAGEMENT SERVICES -
SITE ASSESSMENTS - GEOTECHNICAL DRILLING & DPT PROBE SERVICES -
TANK CLOSURES - EXCAVATION SERVICES - SOIL & GROUNDWATER
REMEDIATION - EXPERT TESTIMONY - WASTE BROKERAGE SERVICES

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TABLE OF APPENDICES

1.0 INTRODUCTION

The following information outlines the results of a subsurface investigation (SI) performed at the former Big N Plaza located at 1510 - 1520 Maxon Road Schenectady, New York (hereinafter termed "the site") The work performed during the SI has been based on Northeastern Environmental Technologies Corporation's (NETC) technical work plan prepared on behalf of the law firm Young, Sommer L L C dated December 15, 2004 The focus of this SI has been to identify whether prior manufacturing and commercial operations at the site have created conditions that constitute a significant threat to the public health or the environment, necessitating further investigation and/or remediation,

1.1 SITE DESCRIPTION

The site, approximately ± 8 0 acres in size, is composed of two contiguous parcels of land (i e , Tax Map Nos 39 49-3-1 and 39 50-1-9 1) located in the City of Schenectady, New York (see Figure 1) The City of Schenectady lists Maxon Realty Corp as the owner of record The site is improved by a ±86,000 square foot slab on grade structure and a ± 150,000 sq ft lighted asphalt parking lot The effective construction dates listed for the structure located at 1510 and 1520 Maxon Rd are 1972 and 1960, respectively The site is bordered by Nott Street (south), Maxon Road (west), Peek Street (north) and the City of Schenectady bike path (east)

The 1510 - 1520 Maxon R d structure was unoccupied and in poor condition at the time of this SI. All asphalt surfaces exhibit significant deterioration The site is generally level and at grade with Maxon Road. The eastern portion of the site between the City of Schenectady Bike Path and the 1510 - 1520 Maxon R d structure is steeply sloped to the west ..

1.2 VICINITY CHARACTERISTICS

The site is located in the City of Schenectady "Heavy Industrial" zoning district A mixture of active and vacant commercial properties, residential dwellings and the Union College Campus exist in the immediate study area The Nott Street Industrial Park and a D&H Railroad right of way exist west of the site and parallel to Maxon Road Amerada Hess operates a retail gasoline station adjacent to the southwest corner of the site Two inactive auto repair garages exist adjacent to the southwest and northeast portions of the site The Mohawk River is located approximately 0 50 miles west of the site

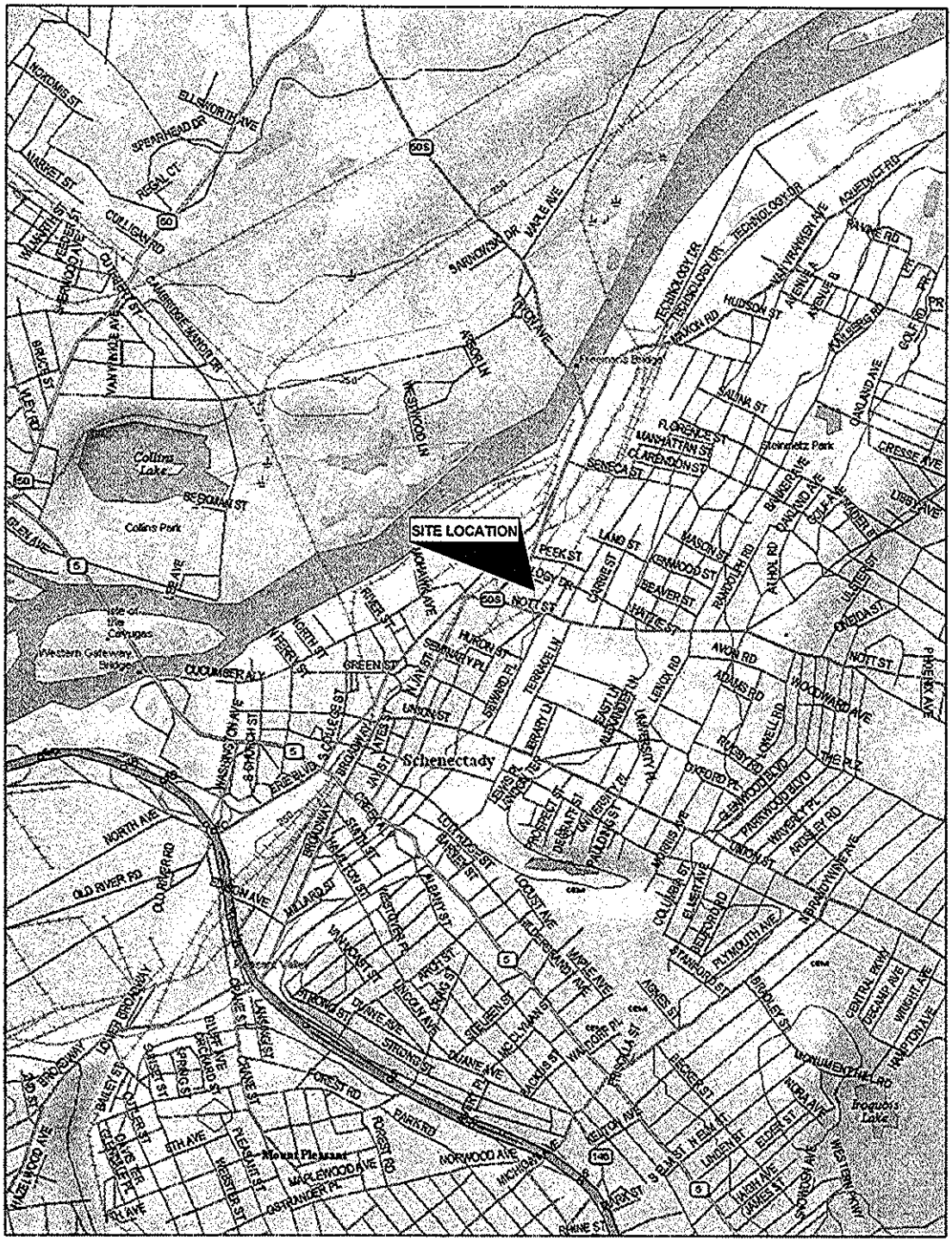

FIGURE 1 - Location Map

Big **N Plaza**

1510 - 1520 Maxon Rd

Schenectady, New York

Project# 04 12144	March 142005

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GEO-ENVIRONMENTAL CONSULTING & PROPERTY MANAGEMENT SERVICES * SITE ASSESSMENTS * GEOTECHNICAL DRILLING & DPT PROBE SERVICES * TANK CLOSURES * EXCAVATION SERVICES * SOIL & GROUNDWATER REMEDIATION * EXPERT TESTIMONY * OSHA FIELD CERTIFIED

1.3 OPERATIONAL HISTORY

Aerial photographs, historical maps, and previously completed environmental reports were used to assimilate information regarding prior manufacturing and commercial practices that occurred at the site The available historical records identify that prior to it; 1914 the majority of the site was used for residential purposes During the period from ± 1914 - 1960 the majority of the site was used by the American Locomotive Company (ALCO) During the period ± 1914 - 1923 one ALCO railroad turntable existed at the southwest corner of the site and the adjacent Amerada Hess property In 1922 ALCO constructed its "Erecting Shop" at the site for the purpose of manufacturing railroad locomotive equipment and removed the railroad turntable The "Erecting Shop" (aka Bldg 28) was used for the construction of electric and diesel locomotives during the period from 1922 to 1958 Sanborn Fire Insurance Map records dated 1930 depict the relative location of Bldg 28 as well as numerous residential properties along the western and northern portion of the site The Peckham Wolf & Co (a planing mill and lumber yard) operated from the site during the ± 1910 - 1930 period and is also depicted along the eastern portion of the site The 1923 - 1930 map records illustrate the City of Schenectady Bike path as occupied by the rail lines of the NY Central & Hudson River Railroad Notable infrastructure identified in the map records include the presence of (1) Peckham Wolf & Co. (PW&C) gasoline underground storage tank (UST).

A 1942 map of the ALCO facility depict the eastward expansion of Bldg 28 onto areas previously occupied by the PW&C facility Specific references to water lines, "Locomotive Assembly Shop", "Pipe Shop", "Pump House" and a 15,000 gallon gasoline UST are noted in the ALCO map record A consolidation of the NY Central & Hudson River Railroad lines is also apparent By June 1958 Bldg 28 and the related ALCO facilities located at the site were razed

The site remained vacant until ± 1960 when the existing Big N Plaza was constructed The available historical records suggest the Big N Plaza was originally constructed as a retail shopping facility The City of Schenectady assessor records for the Big N Plaza identify various retail, commercial, educational and recreational establishments that have operated from the site Commercial activities that are known to have occurred at the Big N Plaza included an "auto & tire service center", M&P Laboratories, and the E-Z Wash & Dry Cleaners The available historical records suggest the auto & tire service center and the M&P Laboratories each operated from facilities located in the northeastern portion of the structure A specific location for the E-Z Wash & Dry Cleaners was not established Historical photographs of the Big N Plaza suggest the E-Z Wash & Dry Cleaners operated from the southern portion of the facility

M&P Laboratories is identified as a RCRA Small Quantity Generator (ID No. NYD98675761). No regulatory information has been obtained for the "auto & tire service center" or the E-Z Wash & Dry Cleaners References to a "Tank adjacent to the "auto & tire service center" and pad mounted electrical transformers located southeast of the structure have been substantiated using a 1990 Sanborn maps of the Big N Plaza,, Copies of the historical maps used during this SI are included in Appendix A for consideration,,

1.4 Previous Site Investigations

A 1989 Environmental Site Assessment (ESA) and limited subsurface investigation of the lands and structures located at 1520 Maxon Rd were performed by Dunn Geoscience Corporation (DUNN) With the exception of the ALCO manufacturing activities, no recognized environmental conditions were identified in the DUNN report,.

The subsurface investigation work was undertaken to further evaluate whether contamination related to ALCOs manufacturing history existed at the 1520 Maxon Rd site The DUNN testing services involved the installation of four soil borings along the northwest portions of the site as well as the chemical analysis of four soil samples for the presence of RCRA metals and PCBs The soil quality results did not identify PCB or RCRA metal soil contamination An assessment of the site groundwater quality was not performed during DUNN's subsurface investigation

A subsequent 1994 ESA of 1520 Maxon Rd was performed by Professional Service Industries, Inc (PSI) Similar to the DUNN ESA no recognized environmental conditions were identified in the PSI report Notable observations listed in the report include a floor drain, (6) 55 gallon drums of oil, motor oil, and hydraulic oil all located in the former M&P Laboratory tenant space

PSI also performed a limited asbestos survey in four of the five tenant spaces of the Big N Plaza The asbestos survey confirmed the presence of asbestos in (3) mudded pipe fittings and approximately 8,300 sq ft of 9x9 floor tile No additional asbestos containing materials were identified by PSI Copies of the DUNN and PSI reports are included in **Appendix B**.

1.5 Walkover Inspection Services

On February 14, 2005 representatives from NETC performed a walk over inspection of the site The Big N Plaza, a ± 86,000 sq ft concrete and steel framed structure is completed on a slab on grade foundation The structure occupies approximately one third of the property and is located in the southeast corner of the site Areas not occupied by the structure are improved by deteriorated asphalt surfaces or existing and unimproved green space

Interior building materials observed included concrete block; wood & metal framed partition walls; gypsum walls and ceilings; carpet, vinyl tile and concrete floors As stated above in Section 1 3, 9X9" floor tiles expected to contain asbestos exist in the structure No other visual indications of asbestos containing materials were found in the interior portions of the structure Pipe lines, floor drains and similar sub slab infrastructure exist throughout the structure The specific function and ▮ or receptor(s) for the floor drain and pipe equipment located in the structure was not substantiated during this SI Rectangular concrete penetrations ranging in size from several inches to several feet were also observed in the structure The function of the concrete penetrations was not substantiated during the SI The interior inspection work was inhibited by locked and ▮ or inaccessible spaces and the absence of electricity (i e , lighting) in the structure

Notable exterior observations witnessed at the site include a concrete "pump house" and a series of horizontal pipe lines that parallel the northeast portion of the site adjacent to the City of Schenectady bike path, a pad mounted transformer, numerous unidentified vertical stand pipes and manhole covers located along the southeast corner of the Big N Plaza structure The specific functions for the infrastructure are unsubstantiated but presumed to reflect inactive utility services related to the Big N Plaza and / or ALCO NETCs ability to inspect the exterior ground surfaces at the site have been inhibited by the presence of a ± 6 inch snow cover

2.0 METHODOLOGIES

Historical information assimilated during this SI combined with the site inspection work were used to develop a sampling program for this SI The SI sampling program has also considered areas of the site that are targeted for future commercial development The following is a more detailed accounting of the field and laboratory methods used to complete the SI work

2.1 GAS CHROMATOGRAPHY (GC) TESTING SERVICES

On February 14 and 15, 2005 a series of near surface soil gas samples were collected from select areas of the site (see Figure 2) The SG samples were collected using pre-cleaned aluminum sampling tubes and disposable poly tubing Samples of SG were collected with a portable air-sampling pump and contained in glass 125-milliliter gas sampling bulbs A Photo Vac 10S70 gas chromatograph (GC), equipped with a photoionization detector (PID) and an on board computer, were used to analyze a 250 microliter aliquot of head space gas collected from the individual SG sample bulbs The GC was calibrated prior to the start of fieldwork with a library of the volatile organic compound (VOC) chemical standards of known concentration Individual head space gas samples were chemically analyzed for a select number of target VOCs

Based on available site specific chemical and historical information (8) chemical parameters were selected for consideration The target chemicals included Tetrachloroethene (PERC), Vinyl Chloride, Trichloroethene (TCE), Benzene, Toluene, Ethylbenzene, m-p Xylene and O-Xylene Minimum detection limits (MDL) were established for these chemicals to assist in the review and interpretation of the SG and water data The GC was periodically recalibrated during the day with a known VOC standard In addition "dry runs" were performed to evaluate the presence of background contamination within the GC Efforts were made to prevent cross contamination between sampling points In order to minimize this factor all disposable sampling equipment was dedicated to each respective sampling location Also repeated flushing of the 125 milliliter glass sampling bulbs and syringes were performed between sampling points using zero grade air A summary of the field GC soil gas results recorded at the site are included in **Appendix** C for consideration

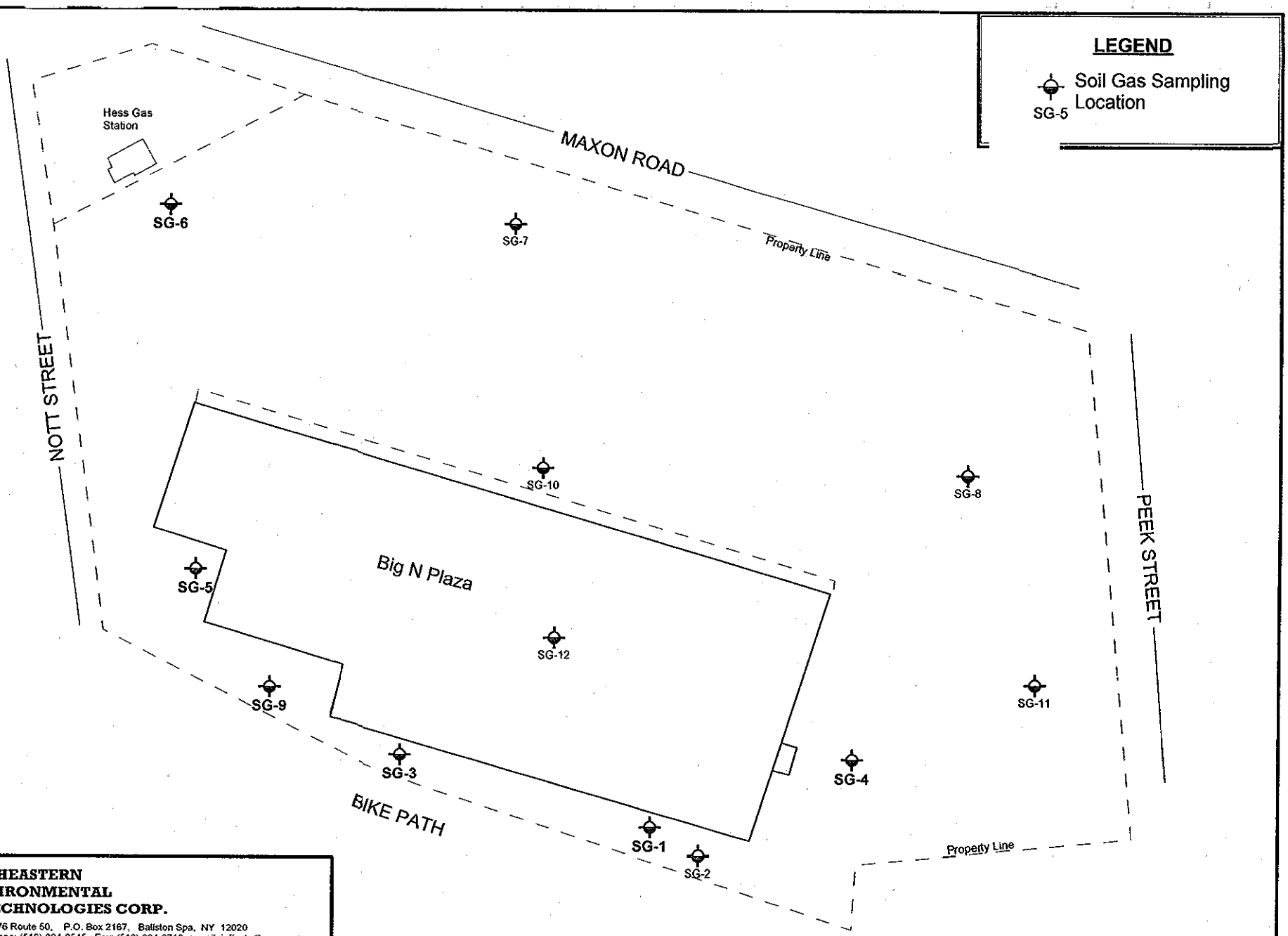

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FIGURE 2: Soil Gas Sampling Location Map
PROJECT: Big N Plaza
1510-1520 Maxon Rd. Schenectady, N.Y.

Project # 04.080254	Scale: 1" = 100.0'	Date: 03/14/05

NOTE: Map based on a 1990 Sanborn map.
Soil Gas sampling locations are approximated.

common/netc/sites/youngscorner/bin/maps/SGlocmapfig2

2.2 GEOPHYSICAL SURVEY

On February 17, 2005 NETC performed a remote sensing field survey at the site A focussed ground penetrating radar (GPR) survey was performed in an effort to identify UST and related buried infrastructure associated with the historical ALCO, PWC and Big N Plaza Four rectangular reference grids (i e , Grid 0, 1, 2, 3) were established in advance of the work using conventional field survey measuring equipment The orientation of the reference grids were based on information assimilated during the review of historical maps of the site Random GPR survey lines were also conducted adjacent to the exterior of the existing Big N Plaza structure

A Noggin 250 plus Smart Cart GPR Profiling System was used to perform the work The Noggin 250 plus Smart Cart GPR Profiling System transmits electromagnetic signals continuously into the subsurface and then detects, amplifies and displays reflections of the radar signal on a graphic recorder and a video display unit The transmitting / receiving antenna was slowly moved over the ground surface in each target area producing radar images of the subsurface The GPR detects subsurface anomalies at depths typically up to ± 6 0 - 10 0 feet below grade

The data generated during the GPR survey was numerically manipulated and graphically plotted in the field to illustrate subsurface anomalies identified in each grid The noteworthy anomalies identified during the GPR survey were flagged in the field by NETC staff using conventional marker paint Each of the reference grids and random survey lines completed at the site are illustrated on Figure 3 A detailed illustration of the GRP data developed during the SI is included in **Attachment** D

2.3 TEST PIT EXCAVATION SURVEY

On February 23 and 24, 2005 eleven test pit excavations (TP-1 to TP-11) were advanced at the site Three test pit excavations were advanced in areas of the site containing suspect anomalies identified during the GPR survey The balance of the test pit locations were advanced based on the historical information developed during this SI or to evaluate areas of the site targeted for future commercial development

Each test pit was advanced to depths sufficient to reach bedrock or until excavation refusal was encountered Each test pit was advanced using conventional hydraulically operated excavation equipment (i e , Kobelco 160 - Excavator) All excavation services were visually inspected and monitored for VOC contamination (using a property calibrated Photo Vac Model 2020 photo ionization detector) by a NETC project geologist 1 scientist

Select soil samples were short listed and later analyzed for asbestos content and the chemical parameters inherent to EPA Methods 8260, 8270(B/N), 8082, RCRA Metals, and total cyanide NETC staff have performed all aspects of the test pit excavation and subsurface characterization services

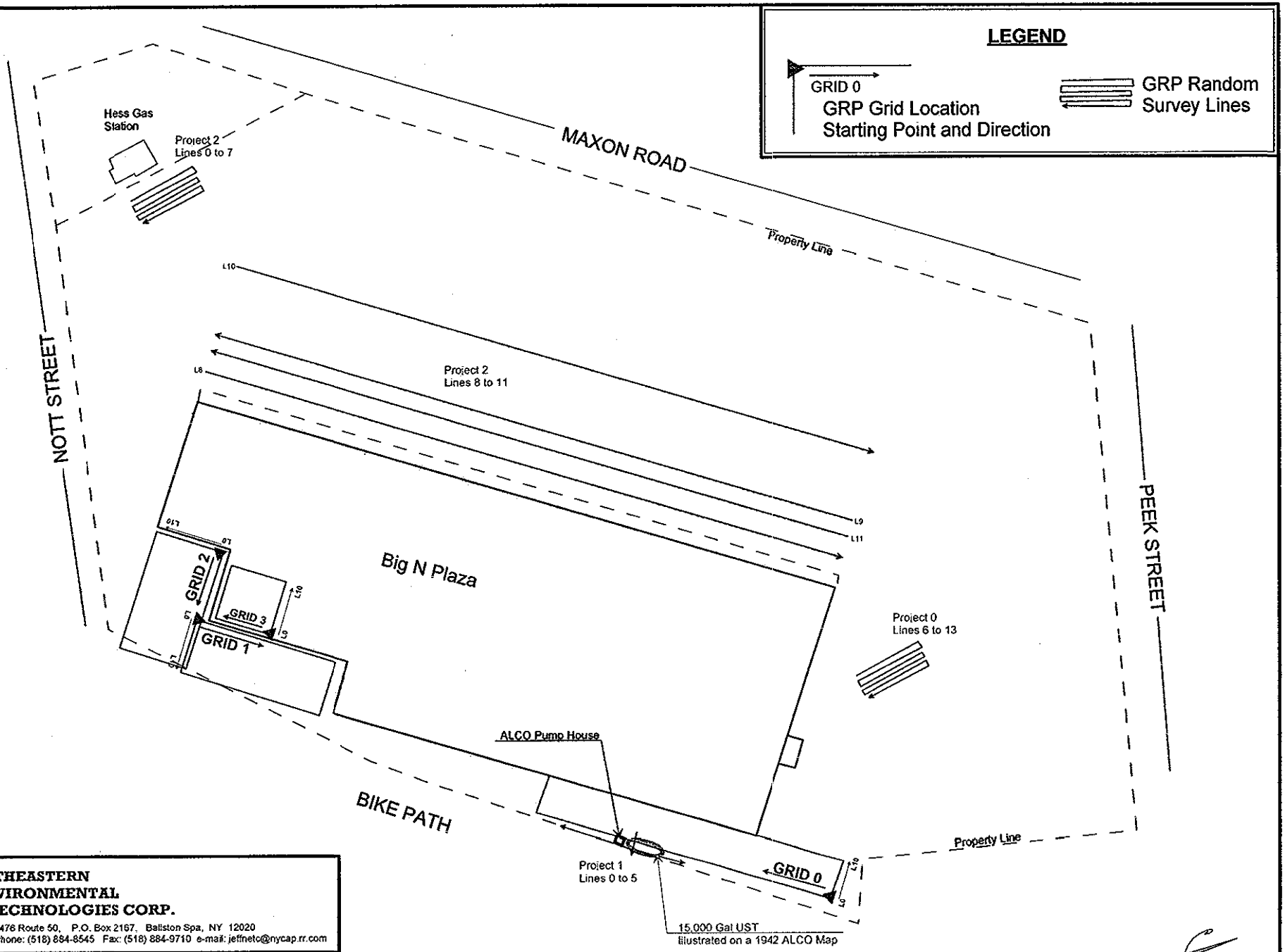

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FIGURE 3: GPR Grid Location Map

PROJECT: Big N Plaza
1510-1520 Maxon Rd. Schenectady, N.Y.

oject # 04.080254	Scale: 1" = 100.0'	Date: 03/14/05

NOTE: Map Based on a 1990 Sanborn map.
Soil Gas sampling locations are
approximated.

Copies of the test pit logs A and a photographic log of the test pit activities are included in **Appendix** E and F, respectively The relative location for each test pit excavation is illustrated on Figure 4

2.4 Indoor Air Quality Testing Services

On March 1, 2005, an indoor air sample was collected in the Big N Plaza in the space historicalfy occupied by a former "auto tire service center" and the M&P Laboratories (see Figure 5) The indoor air sample (BNIAS-1) was collected using a negatively pressurized 6 0 liter summa canister equipped with a regulator calibrated for a 4 hour sampling period The summa canister and regulator valve were pre-cleaned and calibrated by EMSL Analytical, Inc (EMSL) Indoor air sample BNIAS-1 was submitted to EMSL for chemical analysis via EPA Method TO-15 Chain of custody documentation was maintained throughout the transfer and shipment of samples to the laboratory

2.5 Soil Boring Program

A total of (19) soil borings were installed at the site utilizing NETC's truck mounted Geoprobe 540U sampling system following standard direct push methods / techniques (DPT) Each soil boring was advanced to depths sufficient to reach bedrock or until drilling refusal was encountered Each soil boring was completed in a manner to provide a geological log of the subsurface conditions, provide necessary data on the site soil and/or groundwater condition and to further qualify VOC anomalies identified during the SG survey NETC staff performed all aspects of the soil boring program and was responsible for detailed logging of all samples Figure 6 illustrates the relative locations of the soil borings advanced at the site

2.5.1 Soil Sampling

A series of continuous macro core soil samples were completed at each soil boring All soil samples were logged on site as they were extracted, labeled and retained for additional field VOC analysis New unused clear polyethylene terephthlate (PETG) soil sample liners were used for all soil sampling work All soil samples collected were examined and described using the Burmister and Unified Soil Classification Systems In compliance with ASTM methods, the samples were labeled with the following information: boring number, sample number and depth of sample penetration record

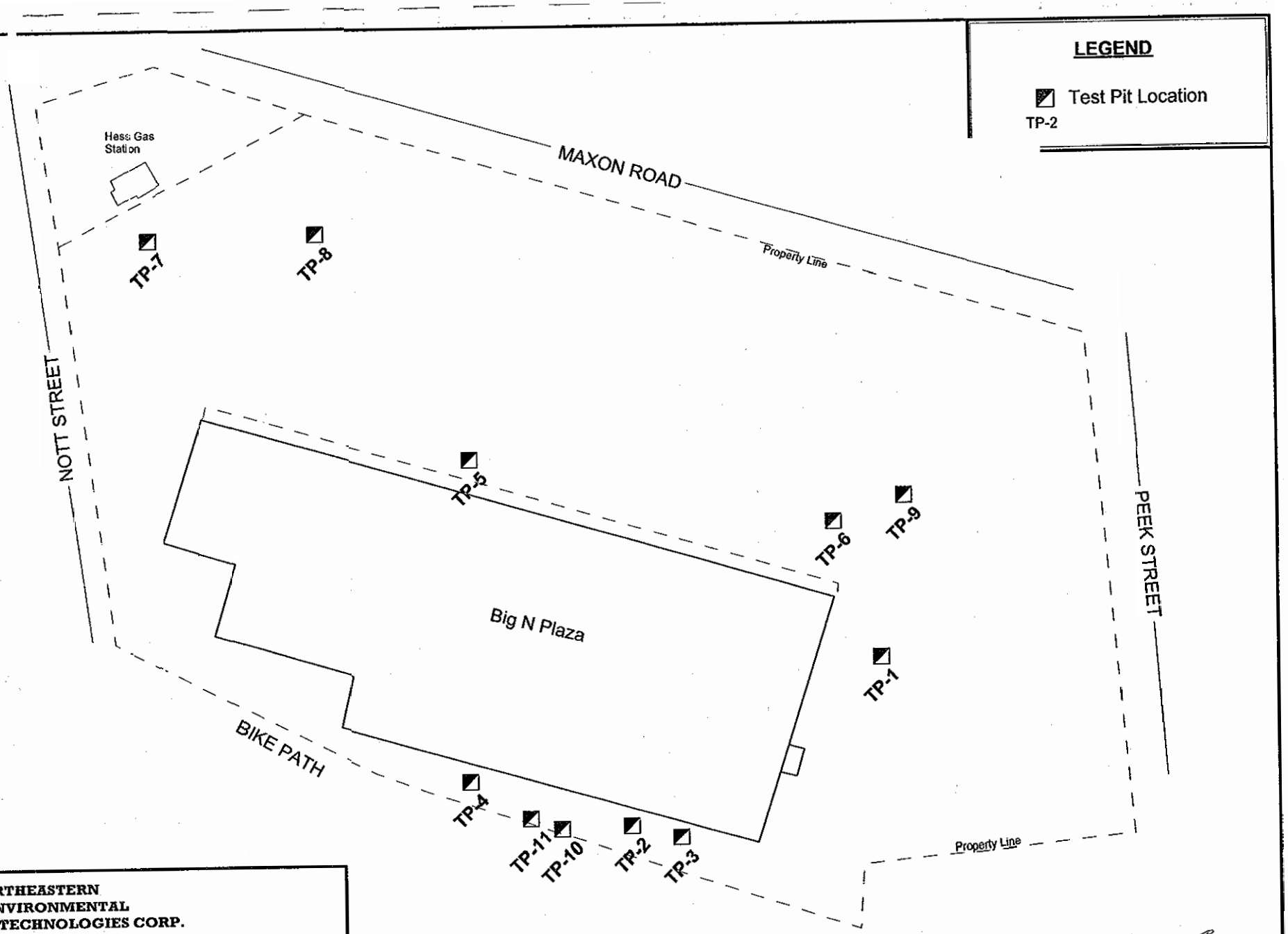

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FIGURE 4: Test Pit Location Map

PROJECT: Big N Plaza
1510-1520 Maxon Rd. Schenectady, N.Y.

00.0' | Date: 03/14/05

NOTE: Map based on a 1990 Sanborn Map.
The location of test pit TP-7 & TP-8 are approximated.

common/netc/sites/youngsonmaxr/bign/maps/DPTlocmap Fig 4

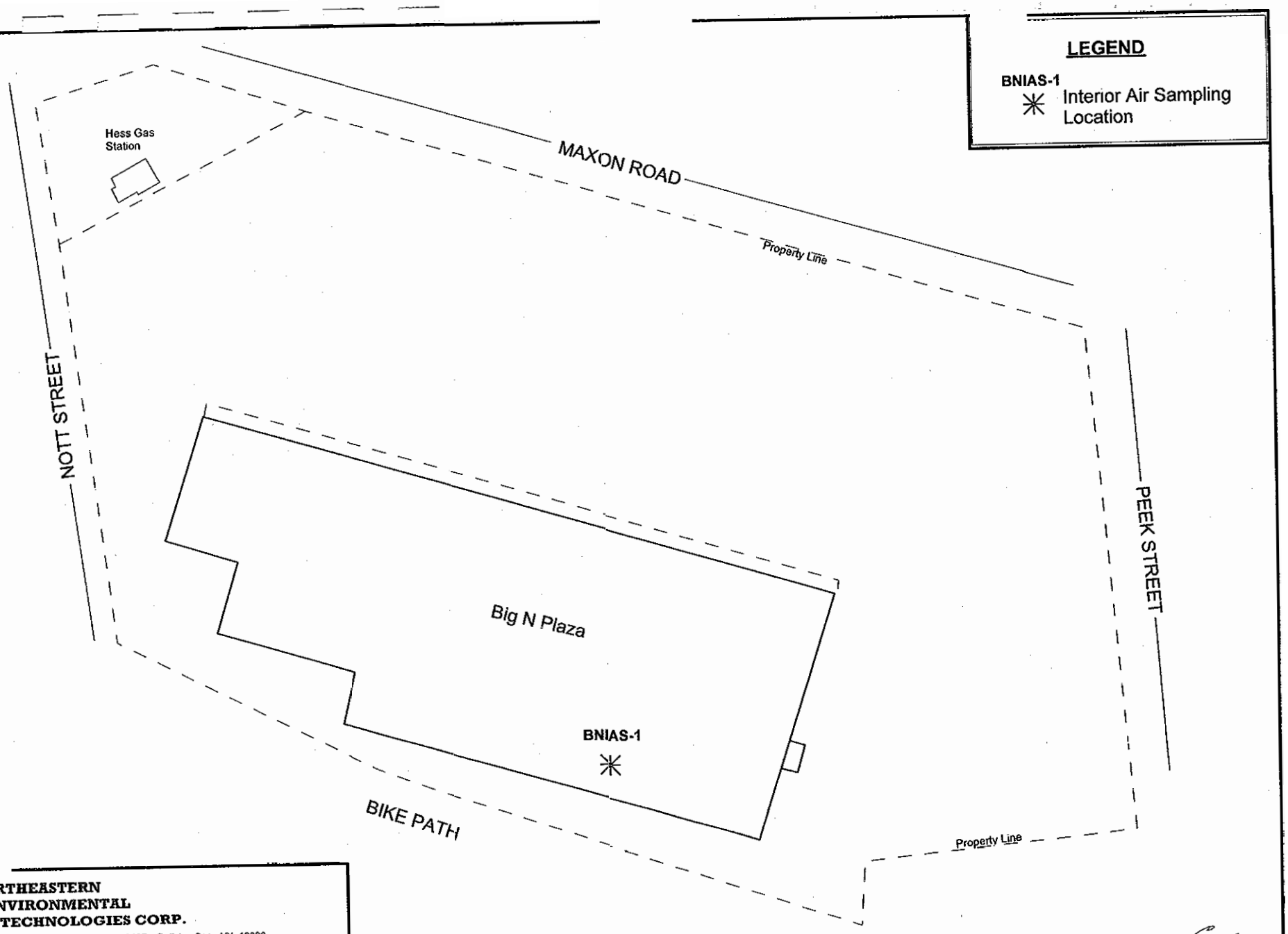

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FIGURE 5: Interior Air Sampling Location Map

PROJECT: Big N Plaza
1510-1520 Maxon Rd. Schenectady, N.Y.

Project # 04.080254	Scale: 1" = 100.0'	Date: 03/01/05

NOTE: Map based on a 1990 Sanborn Map.

common/netc/sites/youngsommer/bign/maps/Inert Air Samp Loc Fig 5

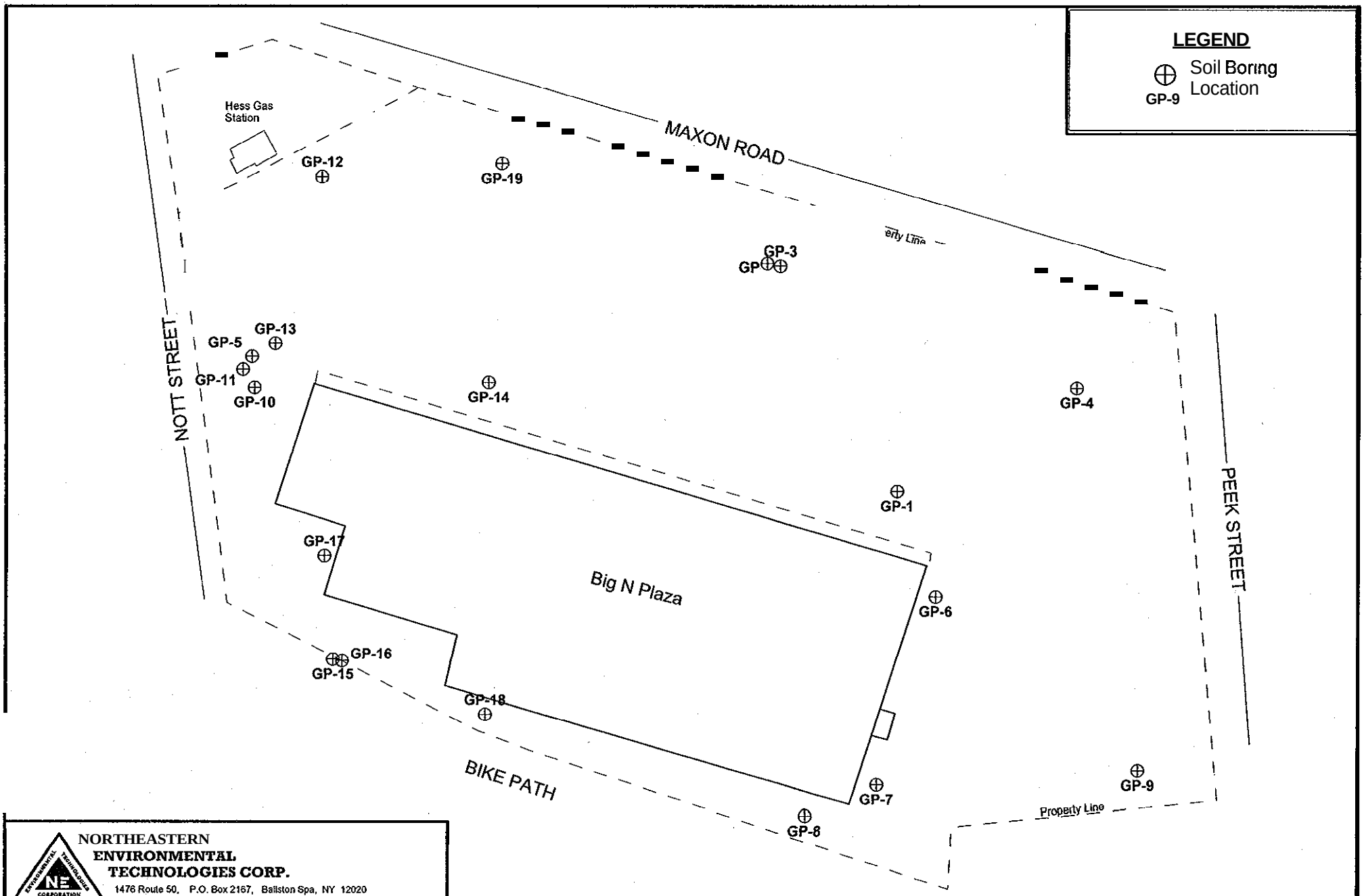

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FIGURE 6: DPT Soil Boring Location Map

PROJECT: Big N Plaza
1510-1520 Maxon Rd. Schenectady, N.Y.

Project # 04.080254	Scale: 1" = 100.0'	Date: 03/04/05

NOTE: Map based on a 1990 Sanborn Map.

common/netc/sites/youngsommer/bign/maps/DPTlocmapfig6

2.5.2 Soil Gas Analysis

As noted, this SI has included field headspace soil gas analysis on each soil sample collected at the site In most cases a properly calibrated photo ionization detector (PID - Photo Vac Model 2020) was used for the testing work Photoionization uses ultraviolet light to ionize many trace compounds (especially organic) and the Model 2020 employs this principal to measure the concentration of trace gasses In the Model 2020, a chamber adjacent to the ultraviolet light source contains a pair of electrodes When a positive potential is applied to one electrode, the field created drives any ions in the chamber to the collector electrode where current is measured Measured current is proportional to the concentration of organics sampled by the instrument's probe Useful range of the instrument is from 0 I to 2,000 parts per million (ppm) Direct VOC soil gas measurements were obtained from the headspace of each soil sample collected VOC measurements were recorded on a ± 2 0 - 4 0 ft interval The VOC soil gas results are included on the individual boring logs in **Appendix *G*** The results of the VOC testing work was used to determine the vertical extent of contamination as well as to short list soil samples for additional laboratory analysis

Five soil samples were submitted to Northeast Analytical (NEA) for chemical analysis via EPA Methods 8260, 8270(B/N), 8082, RCRA Metals, and total cyanide The five soil samples represent three "grab" samples and two "composite" samples The grab soil samples were collected from soil borings GP-5 (0-8ft), GP-16 (0-5ft), and GP-17 (4-10ft) Composite soil sample Comp 1 was manufactured from test pit TP-7 and soil borings GP-5/S-1A, GP-10, GP-11, and GP-121s-I The Comp 1 sample represents the 0-5 foot soil horizon for the southwest portion of the site Composite soil sample Comp 2 was manufactured from test pit TP-6 and soil borings GP-1/S-1, GP-4/S-1, and GP-3/S-1 The Comp 2 sample represents the 0-5 foot soil horizon for the northwest portion of the site

Three additional composite soil samples were submitted to EMSL for asbestos content analysis EMSL sample Comp 1 was manufactured from surface soil collected at test pits TP-7 & TP-8 and soil borings GP-2/S-1, GP-5/S-1A, GP-10, GP-11, and GP-12/S-1 EMSL sample Comp 2 was manufactured from surface soil collected at test pit TP-6 and soil borings GP-1/S-1, GP-4/S-1, and GP-3/S-1 EMSL sample Comp 3 was manufactured from surface soil collected at soil borings GP-7/S-1 and GP-18/S-1 The Comp 1, 2 and 3 samples reflect the expected asbestos concentrations in near surface soil horizons at the southwest, northwest and east portions of the site

One grab and one composite soil sample were also submitted to EMSL for Hexavalant Chromium analysis The grab soil samples were collected from soil boring GP-15 (0-5ft) The composite soil sample (i e , Comp 2) was collected from test pit TP-6 and soil borings GP-1/S-1, GP-4/S-1, and GP-3/S-1 Formal chain of custody documentation were maintained throughout the shipment of the NETC samples to each laboratory

2.5.3 Monitoring Well Installation

Soil borings GP-3, GP-12, GP-13, GP-16 and GP-17 were each completed with a 1.0 inch monitoring well Soil borings completed with a monitoring well are designated " M W The monitoring wells installed during this investigation are composed of two basic components; the well screen and riser of blank. The well screen is the intake portion of the monitoring well The basic purpose of the riser is to provide storage and a connection to the surface from the well screen,,

Each monitoring well installed during the SI is constructed of l-inch, threaded, flush joint, schedule 40 PVC pipe with 7 0 to 15 0 feet of 0 010 inch slotted well screen The wells were constructed to a total depth of 9 5 to 17 5 feet and installed in such a manner as to screen the upper most groundwater table The annular space around the well screen and ± 1 0 feet above has been filled with sand pack (0 010 grade) A bentonite seal has been installed above the sand pack Three of the monitoring wells were completed with a flush mounted protective road box The remaining monitoring wells were left with a PVC stick up The general details for the soil boring and monitoring wells installed during this work are listed in **Table 1** for consideration

TABLE 1
MONITORING WELL SUMMARY

Well #	Total Depth	Screen Interval	MP Elevation*
MW-3	16.0	3.0'-16.0'	96.41'
MW-12	11.0	4.0'-11.0'	98.15'
MW-13	9.5	2.5'- 9.5'	101.88'
MW-17	17.5	2.5'-17.5'	NM
MW-18	9.5	2.5'- 9.5'	107.10'

*Assumed Elevation Datum

The relative location and elevation for each well was established by NETC staff following the well installation program Each of the wells were developed to facilitate the groundwater monitoring services underway at the site Well development services were deemed necessary for the following reasons:

- To remove residual mud and formational silt and clay, thereby preventing turbidity during sampling that could potentially interfere with chemical analysis; and,
- To increase the hydraulic conductivity immediately around the well, which in turn reduces the potential of the well yielding an insufficient volume of water during the sampling procedure

Dedicated bailers were used at each monitoring well as a surge-block device for loosening the fine-grained material from the well annulus, and as a mechanism to remove the water and sediment from the well.. The surging was assisted by rapidly raising and lowering the bailer within the screen section Bailing was continued until the water sufficiently cleared or five well volumes of water had been removed NETC personnel have been responsible for documenting the monitoring well installation process Copies of the individual well completion logs are included in **Appendix H**.

2.5.4 WATER SAMPLING

During the period from March 4 - 8, 2005 five groundwater samples were collected from the network of monitoring wells installed at the site An extended groundwater sampling period was necessaty based on the low groundwater recovery rates in each of the wells,, Sampling was performed with check value PVC bailers using monofilament to lower and raise the bailer Prior to any water sample collection static water levels were measured to the nearest one-hundredth of a foot in each monitoring well An interface probe was also used to detect the presence of light and dense non-aqueous phase liquids (NAPL) Groundwater sampling occurred when the water level at each location returned to within 90% of the predevelopment static water level.

The chemical testing services performed during this SI included EPA Method 8260, 8270 (BIN), 8082, Total Cyanide and RCRA Metals All groundwater samples reflected unfiltered total matrix groundwater chemistry All sample containers and preservatives were provided by NEA All samples were collected in such a manner as to minimize agitation and other disturbing conditions, which may cause physio-chemical changes and bring about losses due to volatilization, adsorption, redox changes or degradation All sampling equipment was new and dedicated to each monitoring well Formal chain of custody documentation was maintained throughout the shipment of the samples to the laboratory. Observations were also made and recorded regarding weather and surrounding air/water/soil conditions, non-aqueous components of well water (e.g. "floaters," surface sheen's) and any other pertinent field conditions,,

3.0 FINDINGS

3.1 FIELD GC RESULTS

The overall result of the near surface vadose zone soil gas survey identified the majority of the areas evaluated to be unaffected by VOC contaminants Low VOC concentrations were identified at the southeast corner of the Big N Plaza in sample SG-5 The presence of VOC concentrations in this portion of the property are likely to be associated with historical ALCO manufacturing practices, gasoline UST infrastructure associated with the former PW&C mill & lumber yard and / or activities associated E-Z Wash & Dry Cleaner Table 2 is a summary of the field GC soil gas survey data

TABLE 2
SOIL 6AS SURVEY RESULTS

COMPOUND	SAMPLE IDENTIFICATION					
	SG-1	SG-3	SG-4	SG-5	SG-6	SG-9
PERC	ND	ND	ND	60.59	ND	ND
Toluene	ND	ND	ND	3.72	ND	ND
TCE	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	66.09	ND	ND
Benzene	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	79.03	ND	ND
m-p Xylene	ND	ND	ND	ND	ND	ND
o-Xylene	ND	ND	ND	209.61	ND	ND

***NOTES: All concentrationsare in ppb (parts per billion)**
ND= Not Detected below the Method Detection Limit

Attempts to collect soil gas samples at locations SG-2, 7, 8, 10 11 and 12 were inhibited by buried ALCO infrastructure (ie , concrete footings and slabs) and ▮ shallow groundwater Figure 7 illustrates the relative soil gas results at each sampling location Copies of the individual gas chromatographs are included in Appendix **C**

3.2 GPR SURVEY RESULTS

The results of the GPR survey identified subsurface anomalies northeast, north and west of the Big N Plaza structure (see Figure 8) Anomalies located in Project 0 and 1 are consistent with the size and shape with UST infrastructure The location of the anomaly identified in Project 1, Line 3 is also consistent with a 15000 gallon UST depicted on a 1942 ALCO Map The remaining anomalies identified in survey Grid 0 and Project 2 are less defined and may correlate with other buried infrastructure Small diameter utility lines identified in Grids 1 and 2 are presumed to relate to buried natural gas, water and 1 or sewer line know to exist in the area

It is alsoexpected that the surface water, ice and a high soil moisture content inhibited (in some cases) the depth of penetration of the GPR signal The attenuation of the GRP signal was most apparent in Grid 0 as well as random survey lines conducted east of the Big N Plaza Similar signal attenuation was noted in the interior of the structure at Grid 3 The cause for this condition remains unsubstantiated Consequently, subsurface conditions below ± 4 0 - 5 0 ft in these areas have not been considered in this assessment Graphical representations of select GRP data are included in **Attachment** D

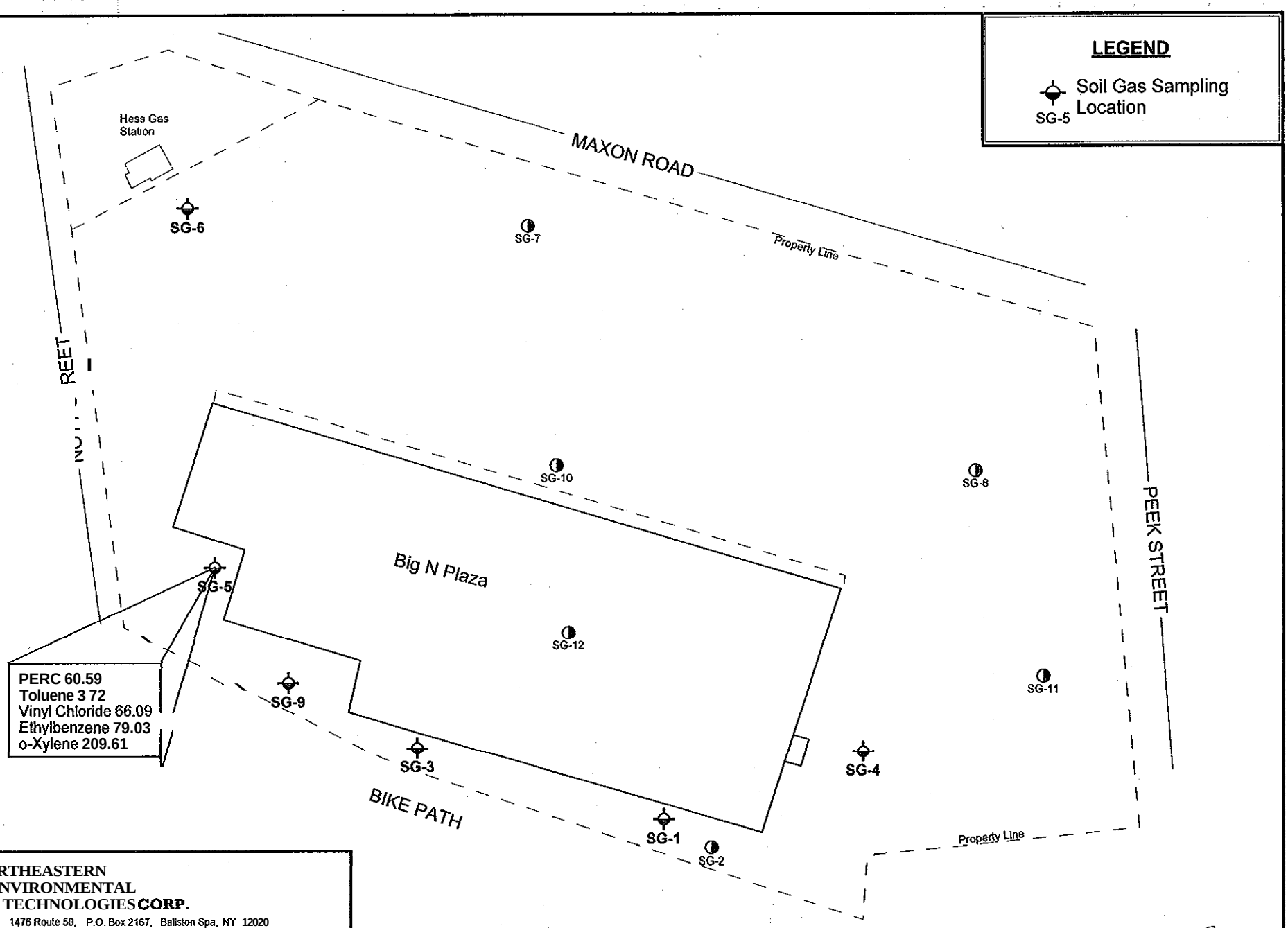

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FIGURE 7: Vadose Zone Soil Gas Concentrations

PROJECT: Big N Plaza
1510-1520 Maxon Rd. Schenectady, N.Y.

Project # 04.080254	Sale: 1" = 100.0'	Date: 03/14/05

NOTE: Map bared on a 1990 Sanborn map.
Soil Gas sampling locations are approximated.
All SG concentrations are in ppb (parts per billion).

common/netc/sites/youngsonsser/blan/maps/SGVOCreadingsmapfig7

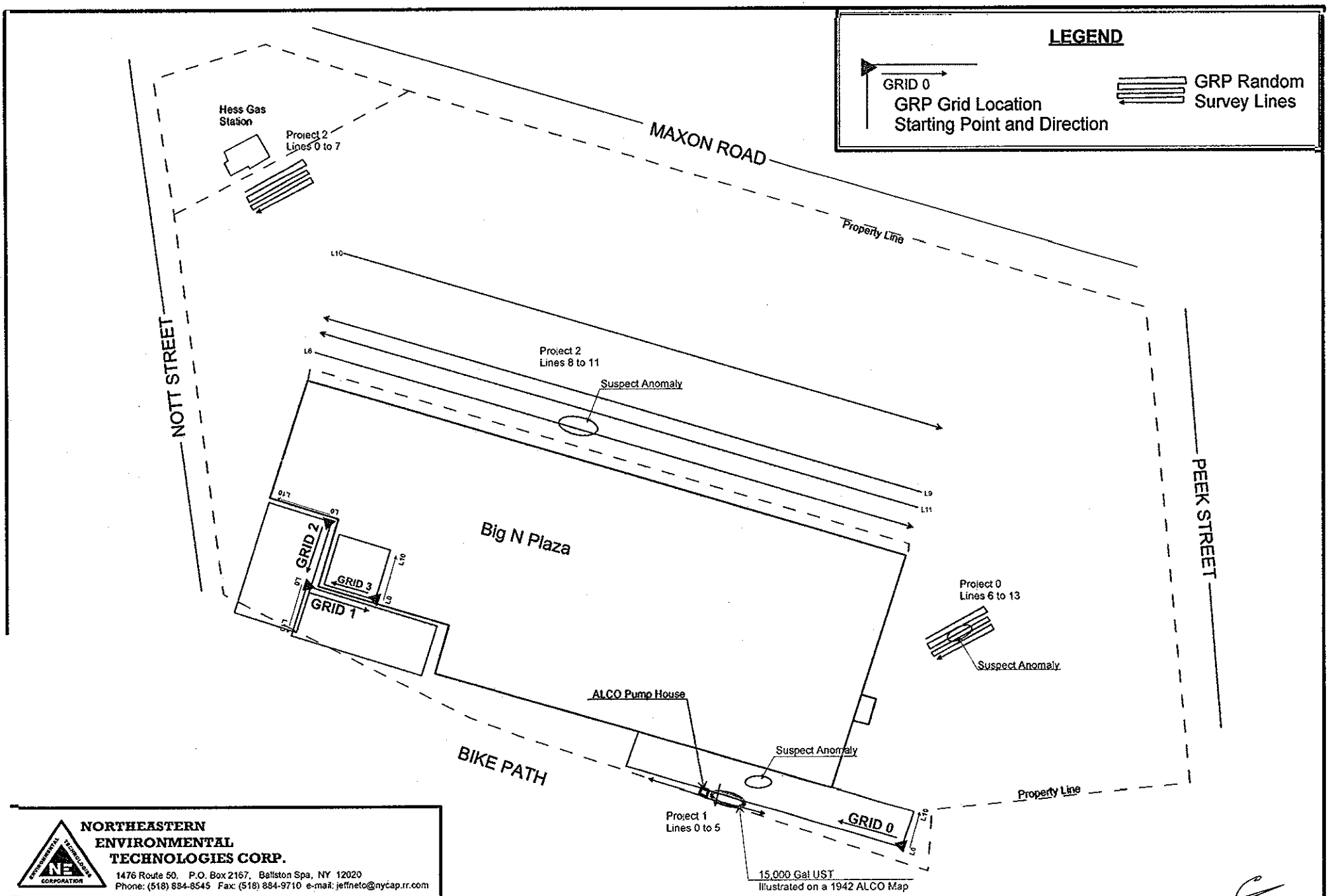

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FIGURE 8: GPR Grid Location Map

PROJECT: Big N Plaza
1510-1520 Maxon Rd. Schenectady, N.Y.

Project # 04.080254	Scale: 1" = 100.0'	Date: 03/14/05

NOTE: Map Based on a 1990 Sanborn map.
Soil Gas sampling locations are approximated.

common/netc/sites/youngsonner/bign/maps/GPRGridlocmapfig8

3.3 GEOLOGY

The field results obtained from the test pit excavation work identify the unconsolidated deposits as, in descending order, a heterogeneous mixture of cultural fill (consisting of demolition debris, railroad timbers, slag, concrete, brick, coarse sand and gravel) overlying glacial till The unconsolidated glacial deposits were found to be highly variable across the site In some cases, the upper surface of the glacial till is highly weathered and exhibits a greater soil moisture content Unconsolidated deposits located along the City of Schenectady Bike Path consists of a loamy sand fill The majority of the test pit excavations were terminated in a dense gray glacial till deposit at depth of ± 6.0 to 11.0 feet below grade Test pits TP-3 and TP-5 were not advanced beyond 1 5 and 5.0 feet, respectively due to the presence of buried concrete footings and / or floor slabs No test pit installations were pursued southeast of the Big N Plaza do to the presence of buried natural gas, electric and storm sewer utility lines,

In general, the results of the test pit excavations suggests the majority of the GPR anomalies correspond with buried ALCO C&D, utility lines and / or similar building footing Shallow groundwater encountered in test pit excavations TP-2 and TP-3 is presumed to reflect perched groundwater condition related to roof drainage that exits the eastern wall of the Big N Plaza A sheen was observed on groundwater encountered at locations TP-2 and TP-3

The completed test pit excavation program has substantiated visible and olfactory evidence of petroleum impacted soil at locations TP-2, TP-3, TP-4, TP-6 and TP-7 In most cases the soil impacts exists at depths of greater than 2 0 feet and extent to depth ranging from ± 4 0 - 7 0 feet VOC soil gas concentrations recorded during the test pit program range from 30 to 100 ppm The most detectable subsurface soil impact was documented at TP-7 at 4 0 to 6 5 feet below grade Copies of the test pit logs are included in ***Appendix*** E for consideration

The results obtained from the soil boring work identify conditions similar to those encountered during the test pit excavation program Groundwater was encountered in nine soil borings a depths ranging from ± 2.0 to 11.0 feet below ground level Shale bedrock was encountered at GP-19 at a depth of ± 9.5 feet below grade The remaining soil borings were terminated at drilling refusal at or above the gray glacial till deposit,,

The majority of the soil borings advanced along the western and northern portions of the site were found to be unaffected by petrochemical contamination Visual and olfactory evidence of impacted soil was confirmed south and northeast of the Big N Plaza structure at soil borings GP-5, 8, 10, 11, 13, 15, 16 and 17 In most cases the soil impacts were observed to exist within the upper 2 0 foot soil profile and extend to depths up to 17 5 feet VOC soil gas concentrations documented at the site range from background levels (0 0 ppm) to 312 ppm The most ostensible soil impact exists along the southeast portion of the site at GP-17 The presence of buried natural gas, electric and storm sewer utility lines south and east of GP-17 prevents additional soil boring work in this portion of the site at this time Copies of the individual soil boring logs are included in ***Appendix G***

3.4 HYDROGEOLOGY

Groundwater elevations established at the site on March 4, 2005 range from 91 06 feet (MW-12) to 97 29 feet (MW-18) The apparent flow direction in the shallow groundwater table appears to be to the west towards the Mohawk River (See Figure 9) No measurable NAPL was observed in the network of wells installed at the site A petroleum sheen and odor was detectible in monitoring wells MW-13 and MW-17

A groundwater gradient of 0.012 ft/ft has been established within the field of monitoring wells An apparent average groundwater velocity (i.e., bulk motion of groundwater; a/k/a advection, convection or linear groundwater velocity [$V_{GW} = KI/\theta_E$]) of 5.42 x 10^{-6} ft/day, has been computed for the subject area assuming an average hydraulic conductivity (K) of 0.001 gpd/ft^2 and an effective porosity of 30%.

The identified hydrogeologic characteristics of the site should be considered a generalization only The V_{GW} estimation has not considered partitioning effects (sorption), biodegradation and / or, hydrodynamic dispersion, all of which will influence the potential transport of contaminants Seasonal variations in groundwater table have not been incorporated in this assessment A specific accounting of the groundwaterelevation data assimilated during this SI is included in Table 3 for consideration

TABLE 3
***GROUNDWATER* LEVELS**
(March 4,2005)

WELL	DTW feet	NAPL feet	GW ELE feet
MW-3-01	4.14	----	92.27
MW-12-01	9.51	----	91.06
MW-13-01	6.33	Sheen	95.31
MW-17-01	6.84	Sheen	NM
MW-18-01	9.81	----	97.29

Notes: All elevations are in feet
DTW=Depth to Water
GW ELE = Groundwater Elevation
NAPL= Measurable Non-Aqueous Phase Liquids

3.5 LABORATORY RESULTS

3.5.1 INTERIOR AIR MONITORING RESULTS

Interior air sample BNIAS-1 was reported to contain low concentrations of Chloromethane, Ethanol, and Toluene The concentration of Chloromethane and Toluene were reported at levels below the New York State Department of Health (NYSDOH) guidelines for volatile chemicals in air Indoor air quality standards for ethanol have not been established during the time of this reports assimilation Table 3 is a summary of the indoor air quality data A copy of the ESML laboratory report is included in Appendix I.

TABLE **4**
INDOOR AIR QUALITY RESULTS
(March 1,2005)

Compound	Results	NYSDOH Study Homes in NYS 1997 - 2003*
Chloromethane	1.10	<0.25 - 2.0
Ethanol	4 90	N/A
Toluene	2.50	4.2 - 25

NOTES: All concentrations are in ppb (ug/m^3)
Compounds not listed in the above table were reported as undetected or diluted, reported from dilution run
N/A = Background levels are not available
***= Background levels compiled by the NYSDOH indoor air quality survey from 1997 to 2003**

3.5.2 SOIL QUALITY RESULTS

The soil quality results have identified the samples to be unaffected by Total Cyanide The results of the asbestos testing services performed by EMSL Analytical Inc has found the near surface soil sample as negative for Chrysotile Hexavalant Chromium was not detected in soil samples GP-15 and Comp 2

Low concentrations of select VOC contaminants were reported in each soil sample The select VOC contaminants found to be present in GP-5, GP-17, Comp 1 and Comp 2 are each below the soil cleanup objectives outlined in the DEC's TAGM #4046 Conversely, chlorbenzene and napthalene concentrations in soil sample GP-16 were reported above DEC's TAGM #4046 soil cleanup objectives Non target petroleum contaminants outside the SW846-8260 laboratory-testing criteria were also reported in the soil samples collected at GP-5, GP-16 and GP-17

Detectable polynuclear aromatic hydrocarbons (PAHs) were reported in each of the soil samples Semi-VOC contaminants in GP-16, Comp 1 and Comp 2 were reported at concentrations above DEC's TAGM #4046 soil cleanup objectives The most ostensible area of soil impact was reported at GP-16 with an aggregate Semi-VOC concentration of 1,738 ppm.

RCRA Metals found to exceed the DEC's TAGM #4046 soil cleanup objectives include: Arsenic, Chromium, and Mercury in sample GP-16; Arsenic in GP-17; and Mercury in Comp 1 and Comp 2 All other samples were within background ranges or did not exceed the TAGM,

Aroclor-1260 was identified in soil samples GP-16 and Comp 1 The balance of the soil samples were found to be unaffected by PCBs, The Aroclor-1260 concentration reported in GP-16 was above the DEC TAGM #4046 soil cleanup objectives of 1,000ppb for surface soil but below the DEC TAGM #4046 soil cleanup objectives of 10,000ppb for subsurface soil The concentration of PCBs reported in Comp 1 were below both the surface and subsurface DEC TAGM #4046 soil cleanup objectives for PCBs,

The soil quality information is summarized in Tables **5, 6 & 7** Figure 10 illustrates the relative locations of the "grab" and "composite" sampling areas completed during the SI.

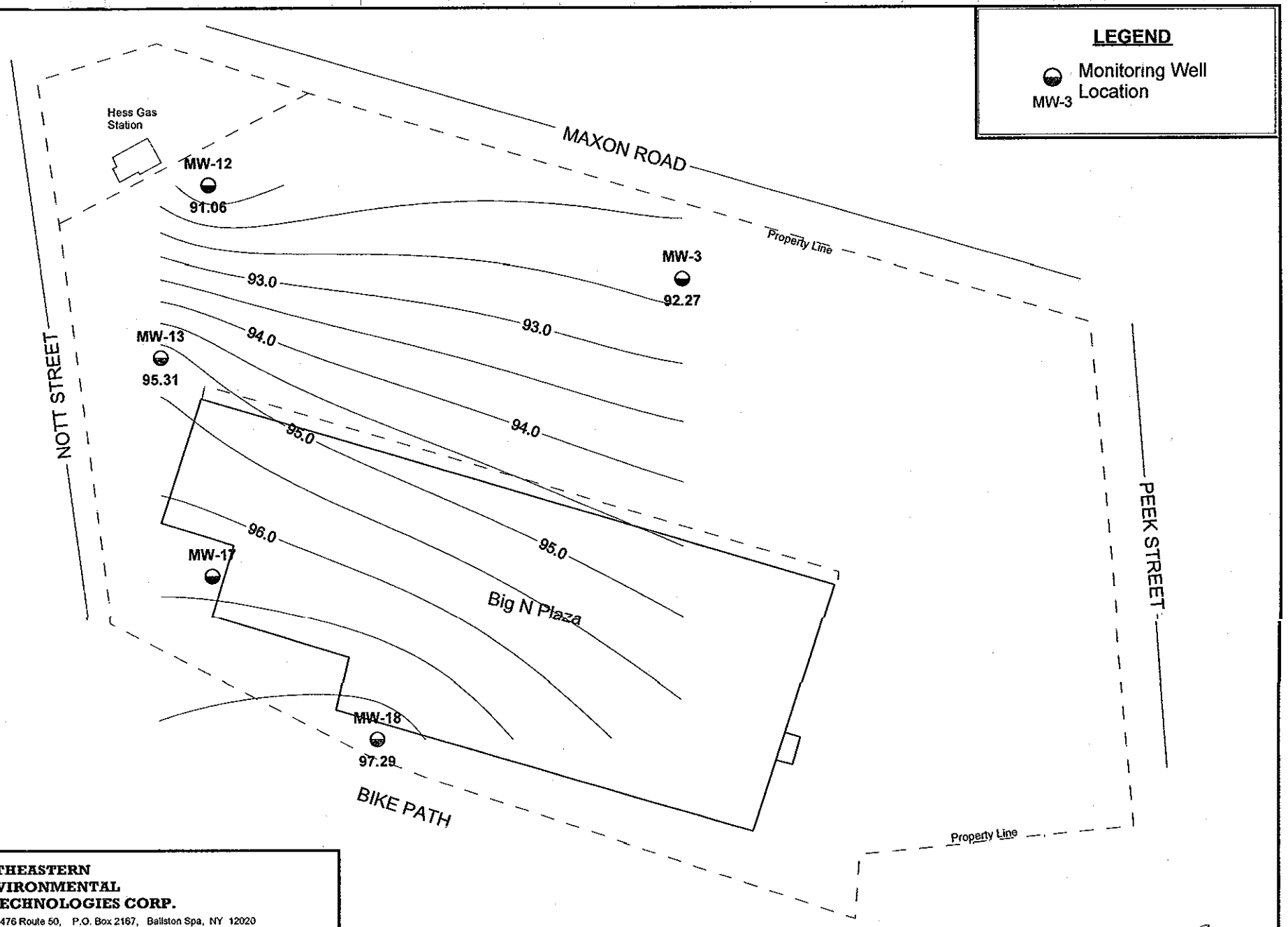

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FIGURE 9: Groundwater Contour Map (03/04/05)
PROJECT: Big N Plaza
1510-1520 Maxon Rd. Schenectady, N.Y.

Project # 04.080254	Scale: 1" = 100.0'	Date: 03/04/05

NOTE: Map based on a 1990 Sanborn Map. Grounwater elevations are based on a datum of 100.0ft. MW-17 is excluded from the groundwater contour map.

common/netc/sites/youngsonmen/bign/maps/GWContmapexcludingmw-17030405fig9

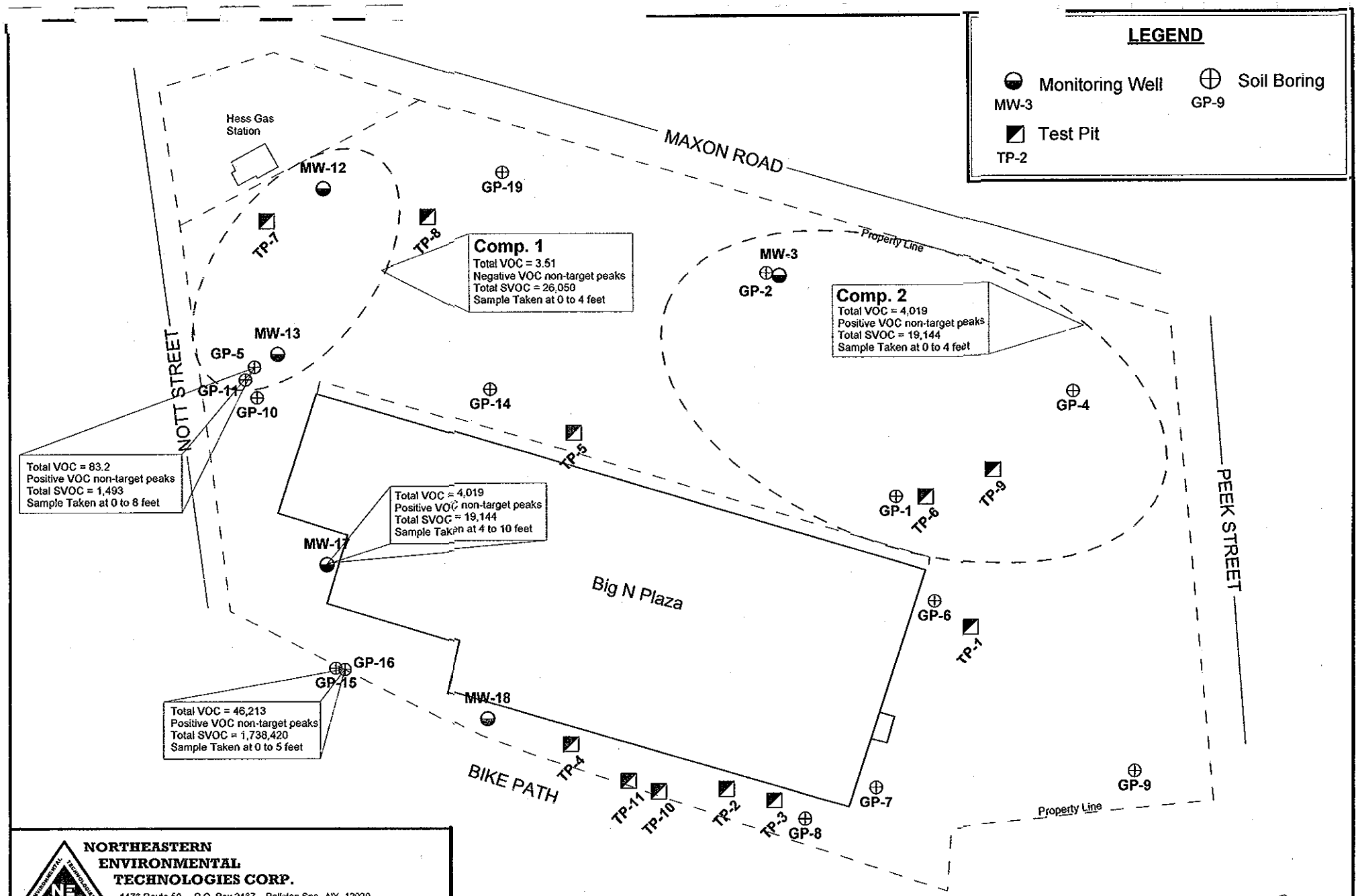

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FIGURE 10: VOC & SVOC Soil Quality Results

PROJECT: Big N Plaza
1510-1520 Maxon Rd. Schenectady, N.Y.

Project # 04 080254	Scale: 1" = 100.0'	Date: 03/04/05

NOTE: Map based on a 1990 Sanborn Map.
The location of test pit TP-7 & TP-8 are approximated.
VOC & SVOC concentrations are in ppb (parts per billion)

common/netc/sites/youngcommer/fig10/netc/DPTVOC&SVOCmapfig10

TABLE 5
SOIL QUALITY RESULTS
(VOC & Semi -VOC's)

PARAMETER	Soil Sample Description					DEC Rec. Soil Cleanup Objective
Sample ID	GP-5	GP-16	GP-17	Comp. 1	Comp. 2	
	Grab	Grab	Grab	Composite	Composite	
Depth	0-8ft	0-5ft	4-10ft	0-4ft	0-4ft	
1,2,4-Trimethylbenzene	ND	878	433	ND	ND	----*
1,3,5-Trimethylbenzene	ND	280	183	ND	ND	----*
1,3-Dichlorobenzene	ND	306	ND	ND	ND	1,600
1,4-Dichlorobenzene	ND	691	ND	ND	ND	8,500
4-Isopropyltoluene	ND	251	429	ND	ND	----*
Acetone	18.3	ND	ND	ND	43.9	200
Chlorobenzene	ND	1,990	ND	ND	ND	1,700
Isopropylbenzene	17.1	ND	ND	ND	ND	----*
m&p-Xylene	ND	443	ND	ND	ND	1,200
n-Butylbenzene	ND	ND	1,070	ND	ND	----*
n-Propylbenzene	12.2	141	618	ND	ND	----*
Naphthalene	ND	41,000	762	3.51	ND	1,300
o-Xylene	ND	233	ND	ND	ND	1,200
sec-Butylbenzene	35.6	ND	524	ND	ND	----*
Non-target peaks VOC	Positive	Positive	Positive	Negative	Negative	----
Total VOCs	83.2	46,213	4,019	3.51	43.9	10,000
2-Methylnaphthalene	773	24,200	12,900	ND	ND	36,400
Acenaphthene	ND	49,100	ND	ND	ND	50,000*
Acenaphthylene	ND	4,720	ND	ND	ND	41,000
Anthracene	ND	91,300	1,070	ND	518	50,000*
Benzo(a)anthracene	ND	146,000	ND	2,430	1,230	224 or MDL
Benzo(a)pyrene	ND	124,000	ND	2,220	1,100	61 or MDL
Benzo(b)fluoranthene	ND	152,000	ND	2,750	1,610	1,100
Benzo(g,h,i)perylene	ND	60,700	ND	1,260	616	50,000*
Benzo(k)fluoranthene	ND	47,900	ND	1,060	529	1,100
Carbazole	ND	48,500	ND	ND	ND	50,000*
Chrysene	ND	135,000	ND	2,270	1,270	400
Dibenzo(a,h)anthracene	ND	19,700	ND	ND	ND	14 or MDL
Dibenzofuran	ND	41,800	ND	ND	ND	6,200
Fluoranthene	ND	ND	906	5,480	3,260	50,000*
Fluorene	ND	69,000	984	ND	ND	50,000*
Indeno(1,2,3-cd)pyrene	ND	62,400	ND	1,260	593	3,200
Naphthalene	ND	67,100	ND	ND	ND	13,000
Phenanthrene	720	319,000	2,330	2,530	2,550	50,000*
Pyrene	ND	276,000	954	4,790	2,700	50,000*
Total SVOCs	1,493	1,738,420	19,144	26,050	15,976	500,000
Total VOCs & SVOCs	1,576.2	1,784,633	23,163	26,053.51	16,019.9	----

NOTES: All concentrations are in ug/kg or ppb (ports per billion)
DEC= NYSDEC - TAGM - Determination of Soil Cleanup Objectives and Cleanup Levels, 1994
*= as per TAGM #4046; Total VOC <= 10 ppm; Total SVOC <=500 ppm' Individual SVOC <=50 ppm
ND = Non-Detect

TABLE 6
SOIL QUALITY RESULTS
(RCRA Metals, Total Cyanide and Hexavalant Chromium)

PARAMETER	Soil Sample Description						Eastern USA Background	DEC Rec. Soil Cleanup Objective
Sample ID	GP-5	GP-15	GP-16	GP-17	Comp. 1	Comp. 2		
	Grab	Grab	Grab	Grab	Composite	Composite		
Depth	0-8ft	0-5ft	0-5ft	4-10ft	0-4ft	0-4ft		
Arsenic	5.01	NA	15.20	10 50	8 31	8.19	3 - 12*	7.5 or SB
Barium	44 70	NA	205 00	38 80	99 90	71.20	15 - 600	300 or SB
Cadmium	ND	NA	0 52	ND	ND	ND	0 1 - 1	1 or SB
Chromium	9 82	NA	66 20	7 29	16 30	11 10	1.5 - 40*	10 or SB
Lead	6 08	NA	318 00	28 10	92 20	41 70	200 - 500**	SB
Mercury	0 0328	NA	0 3630	0 0985	0 4780	0.8580	0 001 - 0.2	0.1
Selenium	ND	NA	ND	ND	ND	ND	0.1 - 3 9	2 or SB
Silver	ND	NA	ND	ND	ND	ND	N/A	SB
Total Cyanide	ND	NA	ND	ND	ND	ND	N/A	200
Hexavalant Chromium	NA	<0 95	NA	NA	NA	<0 94	1.5 - 40*	10 or SB

NOTES: All concentrations are in ug/kg or ppb (ports per million)
DEC= NYSDEC - TAGM - Deter mination of Soil Cleanup Objectives and Cleanup Levels 1994
* = New York State Backaround
** = Background levels far lead vary widely Average levels in undeveloped rural areas are 4 - 16ppm Average levels in metropolitan or suburban areas and near highways are 200 - 500ppm
SB = Site BackgraundLimit
NA = Not analyzed
N/A = Not Available

TABLE 7
SOIL QUALITY RESULTS
(EPA Method 8082 PCB)

PARAMETER	Soil Sample Description					DEC Rec. Soil Cleanup Objective (Surface;Subsurface)
Sample ID	GP-5	GP-16	GP-17	Comp. 1	Comp. 2	
	Grab	Grab	Grab	Composite	Composite	
Depth	0-8ft	0-5ft	4-10ft	0-4ft	0-4ft	
Aroclor-1016	ND	ND	ND	ND	ND	1,000;10,000
Aroclor-1221	ND	ND	ND	ND	ND	1,000;10,000
Aroclor-1232	ND	ND	ND	ND	ND	1,000;10,000
Aroclor-1242	ND	ND	ND	ND	ND	1,000;10,000
Aroclor-1248	ND	ND	ND	ND	ND	1,000;10,000
Aroclor-1254	ND	ND	ND	ND	ND	1,000;10,000
Aroclor-1260	ND	5,180*	ND	60 9*	ND	1,000;10,000

NOTES: All concentrations are in ug/kg or ppb (ports per billion)
DEC= NYSDEC - TAGM - Determination of Soil Cleanup Objectives and Cleanup Levels, 1994
* = Aroclor 1260 is beingreported as the best Aroclor match The sample exhibits an altered PCB pattern

Copies of the soil quality laboratory reports are included in **Appendix J**

3 5.3 GROUNDWATER QUALITY RESULTS

The completed groundwater testing services has found the site to be generally unaffected by dissolved phase chemical contamination Groundwater samples collected at MW-12 were reported to be unaffected by the chemical parameters inherent to the EPA Method 8260 testing criteria

Low level VOC compounds were detected in groundwater samples collected at monitoring wells MW-3, MW-13, MW-17 and MW-18. The majority of the VOC compounds were reported below the DEC's GNYCRR Part 703 water quality standards, Benzene at MW-3 and Benzene, 1,2,4-Trimethylbenzene, lsopropylbenzene, n-Propylbenzene, Napthalene and Vinyl Chloride in MW-17 were detected at concentrations slightly above the DEC's 6NYCRR Part 703 water quality standards Non target contaminants outside the SW846-8260 testing criteria have been reported in groundwater samples MW-13, and MW-17.

Groundwater samples collected at monitoring wells MW-3, MW-12, MW-13 were found to be unaffected by dissolved phase Semi-VOC's inherent to the EPA Method 8270 BIN testing criteria Low concentrations of Semi-VOC compounds were reported in groundwater samples collected at monitoring wells MW-17 and MW-18 With the exception of the compounds 2-Methylnaphthalene, Naphthalene and Phenanthrene at MW-17, the Semi-VOCs concentrations at monitoring wells MW-13 and MW-17 were each detected at concentrations below the DEC's GNYCRR Part 703 water quality standards

RCRA Metals detected in the groundwater samples and that exceed the DEC's 6NYCRR Part 703 water quality standards include; Arsenic and Barium in MW-13 and MW-17; Chromium and Lead in MW-3, MW-13, and MW-17; Mercury in MW-3 and MW-17 Cyanide concentrations identified in groundwater sample MW-3 were below the DEC 6NYCRR Part 703 water quality standards

Dissolved phase PCB detection was were limited to groundwater sample MW-18. The best match reported by NEA for the groundwater sample was Aroclor-1260. A summary of the groundwater quality data is included in Table **8, 9 and 10**.

TABLE 8
GROUNDWATER QUALITY RESULTS
(EPA METHOD 8260 & 8270B/N)

PARAMETER	Groundwater Sample Description					DEC
Sample ID	MW-3	MW-12	MW-13	MW-17	MW-18	
1,2,4-Trimethylbenzene	ND	ND	1.5	**5.58**	ND	**5**
1,3,5-Trimethylbenzene	ND	ND	ND	**1.87**	ND	**5**
4-Isopropyltoluene	ND	ND	ND	2.46	ND	**5**
Acetone	38.9	ND	8.09	10.4	29.2	**50**
Benzene	**1.89**	ND	ND	**7.41**	ND	**0.7**
Ethylbenzene	ND	ND	ND	1.21	ND	**5**
Isopropylbenzene	ND	ND	1.32	**13.6**	ND	**5***
m&p-Xylene	2.36	ND	ND	2.64	ND	**5**
n-Butylbenzene	ND	ND	2.38	ND	ND	**5**
n-Propylbenzene	ND	ND	ND	**16.1**	ND	**5**
Naphthalene	ND	ND	ND	**17.4**	1.54	10
o-Xylene	1.13	ND	ND	2.96	ND	**5**
sec-Butylbenzene	ND	ND	ND	3.95	ND	**5**
Toluene	1.31	ND	ND	1.5	ND	**5**
Vinyl Chloride	ND	ND	ND	**11.6**	ND	**2**
Non-Target Peaks (VOC)	Negative	Negative	**Positive**	**Positive**	Negative	-----
Total VOC's	45.59	0	13.29	98.68	30.74	-----
2-Methylnapthalene	ND	ND	ND	532	ND	**50**
Fluoranthene	ND	ND	ND	22.9	36.3	**50**
Naphthalene	ND	ND	ND	32.8	ND	**10**
Phenanthrene	ND	ND	ND	65.5	31.7	**50**
Pyrene	ND	ND	0.5	24.2	26.7	**50**
Total SVOCs	0	0	0.5	677.4	94.7	**5**
Total VOCs & SVOCs	45.59	0	13.79	776.08	125.44	----

NOTES: All concentrations are in ug/kg or ppb (parts per billion)
DEC = Groundwater quality standards &guidelines (6NYCRR Part 703) and NYSDEC - TAGM - Determination of Soil Cleanup Objectives and Cleanup Levels 1994
* = Principal organic compound standard for groundwater is 5
ND = Not detected above the laboratory method detection limit

TABLE 9
GROUNDWATER QUALITY RESULTS
(RCRA Metals and Total Cyanide)

PARAMETER	Groundwater Sample Description					DEC
	MW-3	MW-12	MW-13	MW-17	MW-18	
Date Sampled:	03/04/2005	03/04/2005	03/04/2005	03/04/2005	03/08/2005	
Arsenic	ND	ND	91.0	207.0	ND	25
Barium	735.0	336.0	1,920.0	1,470.0	ND	1,000
Cadmium	ND	ND	ND	ND	ND	5
Chromium	340.0	48.1	552.0	248.0	48.8	50
Lead	151.0	ND	96.9	837.0	23.8	25
Mercury	0.77	ND	0.68	1.82	0.243	0.7
Selenium	ND	ND	ND	ND	ND	10
Silver	ND	ND	ND	ND	ND	50
Total Cyanide	11.0	ND	ND	ND	ND	200

NOTES: All concentrations are in ug/kg or ppb (parts per billion)
Groundwater samples represent an unfiltered matrix
DEC= NYSDEC - TAGM - Determination of Soil Cleanup Objectives and Cleanup Levels 1994
ND = Not detected above the laboratory method detection limit

TABLE 10
GROUNDWATER QUALITY RESULTS
(EPA Method 8082 PCB)

PARAMETER	Groundwater Sample Description					DEC
	MW-3	MW-12	MW-13	MW-17	MW-18	
Date Sampled:	03/04/2005	03/08/2005	03/07/2005	03/04/2005	03/07/2005	
Aroclor-1016	ND	ND	ND	ND	ND	0.09
Aroclor-1221	ND	ND	ND	ND	ND	0.09
Aroclor-1232	ND	ND	ND	ND	ND	0.09
Aroclor-1242	ND	ND	ND	ND	ND	0.09
Aroclor-1248	ND	ND	ND	ND	ND	0.09
Aroclor-1254	ND	ND	ND	ND	ND	0.09
Aroclor-1260	ND	ND	ND	ND	0.531*	0.09

NOTES: All concentrations are in ug/kg or ppb (ports per billion)
DEC= NYSDEC - TAGM - Determination of Soil Cleanup Objectives and Cleanup Levels 1994
* = Aroclor 1260 is being reported as the best Aroclor match The sample exhibits an altered PCB pattern

Copies of the groundwater quality laboratory reports are included in Appendix K.

4.0 CONCLUSIONS

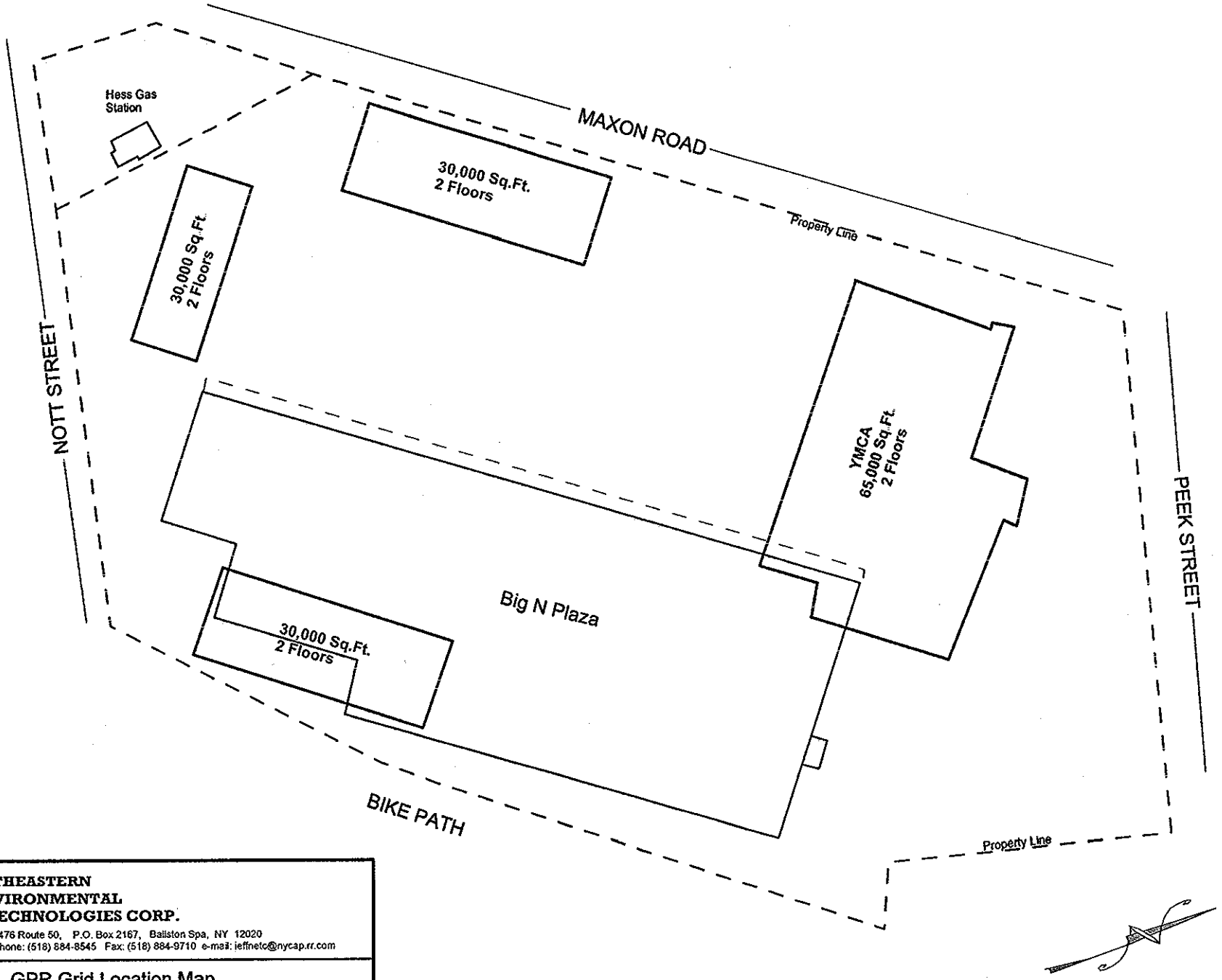
The completed SI services have confirmed the presence of buried concrete / vessels, impacted soil, and low level dissolved contaminants in groundwater at the Big N Plaza site The soil and groundwater conditions at the Big N Plaza site are in most cases consistent with those known to exist at other properties historically used by ALCO The areas found to contain contamination (although not fully defined) appear localized and are not indicative of property wide impacts that would otherwise restrict the future commercial use of the site The foreseeable commercial redevelopment of the site (see Figure 11), its urban location, combined with the presence of municipal water and sewer, should limit the governments expectations with regard to remedial measures deemed necessary to achieve regulatory closure for areas of the site found to be impacted by former commercial and/or inductrial uses

Petroleum constituents identified are indicative of aged releases and exhibit limited dissolved phase groundwater contamination (i e , in most cased below the 6NYCRR Part 703 water quality standards) LNAPL contamination observed along the southern and eastern portions of the site are attributed to near surface soil contamination and correspond closely with ALCO and PW&C UST infrastructure depicted on historical map record reviewed during this SI NETC's review of GPR data assimilated during this SI suggests that one UST exists northeast of the Big N Plaza structure adjacent to the City of Schenectady's bike path The presence of the compound Vinyl Chloride southeast of the structure may be indicative of degraded constituents associated with dry cleaning operations known to have taken place in the Big N Plaza

NETC has notified the DEC Spill Hotline of the site conditions pursuant to the DEC's regulatory reporting requirements outlined in 6NYCRR Part 613 8 The DEC has assigned petroleum spill case number 0412496 for the administration of this matter

The conditions noted during this site investigation are consistent with other former ALCO properties Assuming a regulatory clean up criteria similar to other ALCO petroleum impacted properties of source removal, sheen-less groundwater conditions and dissolved phase VOC ▮ Semi-VOC levels of 1000ppb, appropriate institutional controls (i e , asphalt / artificial surface cap), and monitoring, there does not appear to be conditions that have been identified during the SI that would otherwise restrict the foreseeable contemplated commercial redevelopment of the property

The presence of a number of metals in soil and groundwater are also attributed to the ALCO manufacturing history at the property and generally correlate with soil quality data assimilated by DUNN in 1989 The presence of heavy metals in soil, and its impact on groundwater quality, should be reevaluated by low flow groundwater sampling methods and filtered water chemistry A comparison of total matrix and dissolved phase metal chemistry would provide a better means to consider if areas with elevated metal concentrations in soil constitute a significant threat that would necessitate remediation



NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORP.
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Phone: (518) 884-8545 Fax: (518) 884-9710 e-mail: ieffnetc@nycap.rr.com

FIGURE 11: GPR Grid Location Map

PROJECT: Big N Plaza
1510-1520 Maxon Rd. Schenectady, N.Y.

Project # 04.080254	Scale: 1" = 100.0'	Date: 03/04/05

NOTE; Map based on a 1990 Sanborn Map. The locations of the proposed buildings are appriximated.

common/netc/sites/youngsonner/bign/maps/historicalmaps/newconstructionoverly

It is our understanding that a copy of this report will be submitted to the DEC to obtain a regulatory determination as to the significance of the data developed thus far as well as any specific responsibilities for the site conditions At this time the appropriateness for additional site characterization with respect to the issue raised herein should be based on input from Young, Sommer LLC and ▮ or its assigned agents No warranties regarding the condition of the site are offered or implied

APPENDIX A

HISTORICAL MAPS

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORP.
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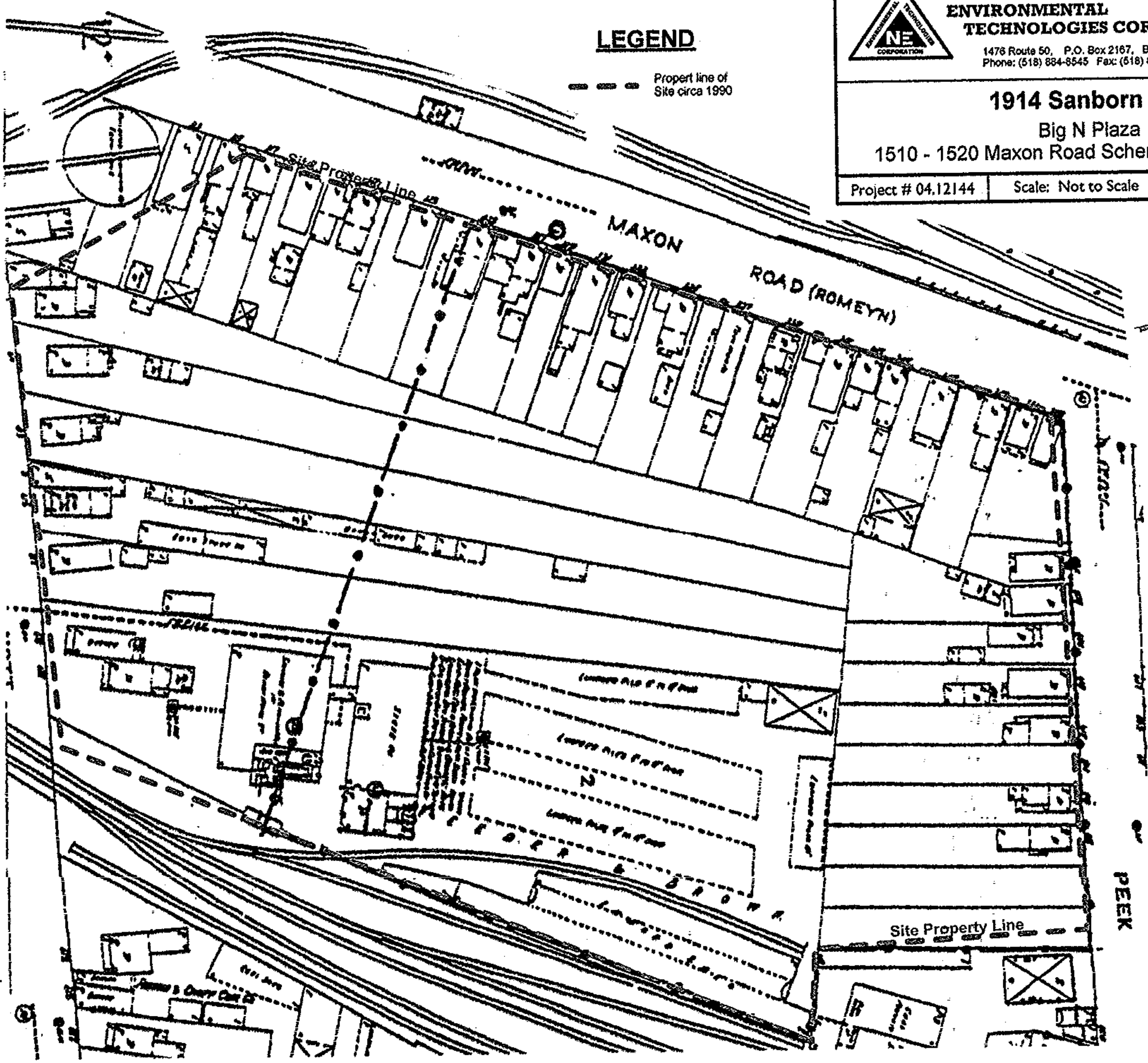
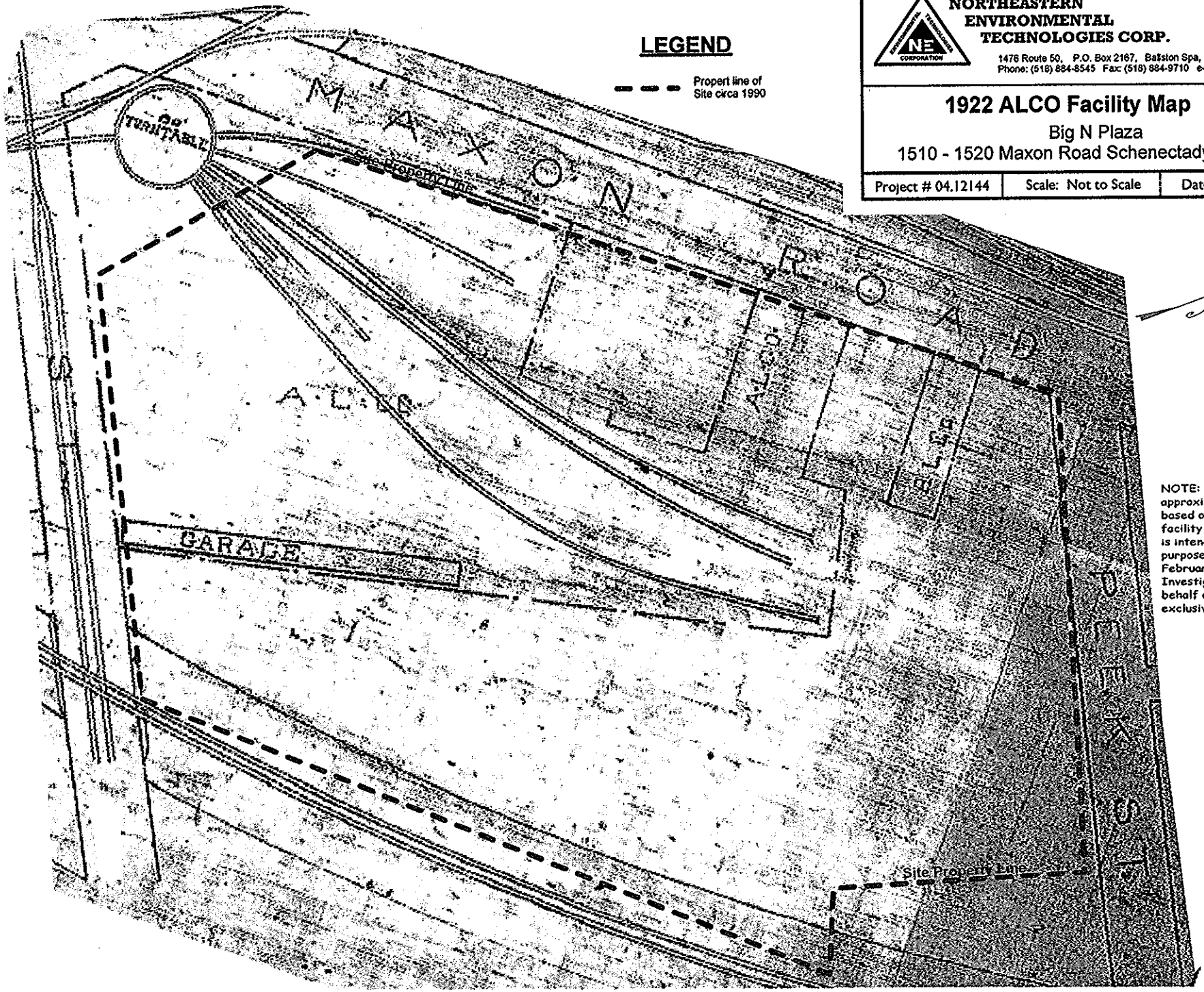
1914 Sanborn Map

Big N Plaza
1510 - 1520 Maxon Road Schenectady, New York

Project # 04.12144	Scale: Not to Scale	Date: March 14, 2005



approximate. These maps are based on a 1914 Sanborn map. This site plan is intended for illustration purpose associated with a February 2005 Subsurface Investigation performed on behalf of Young Sommer, exclusively.



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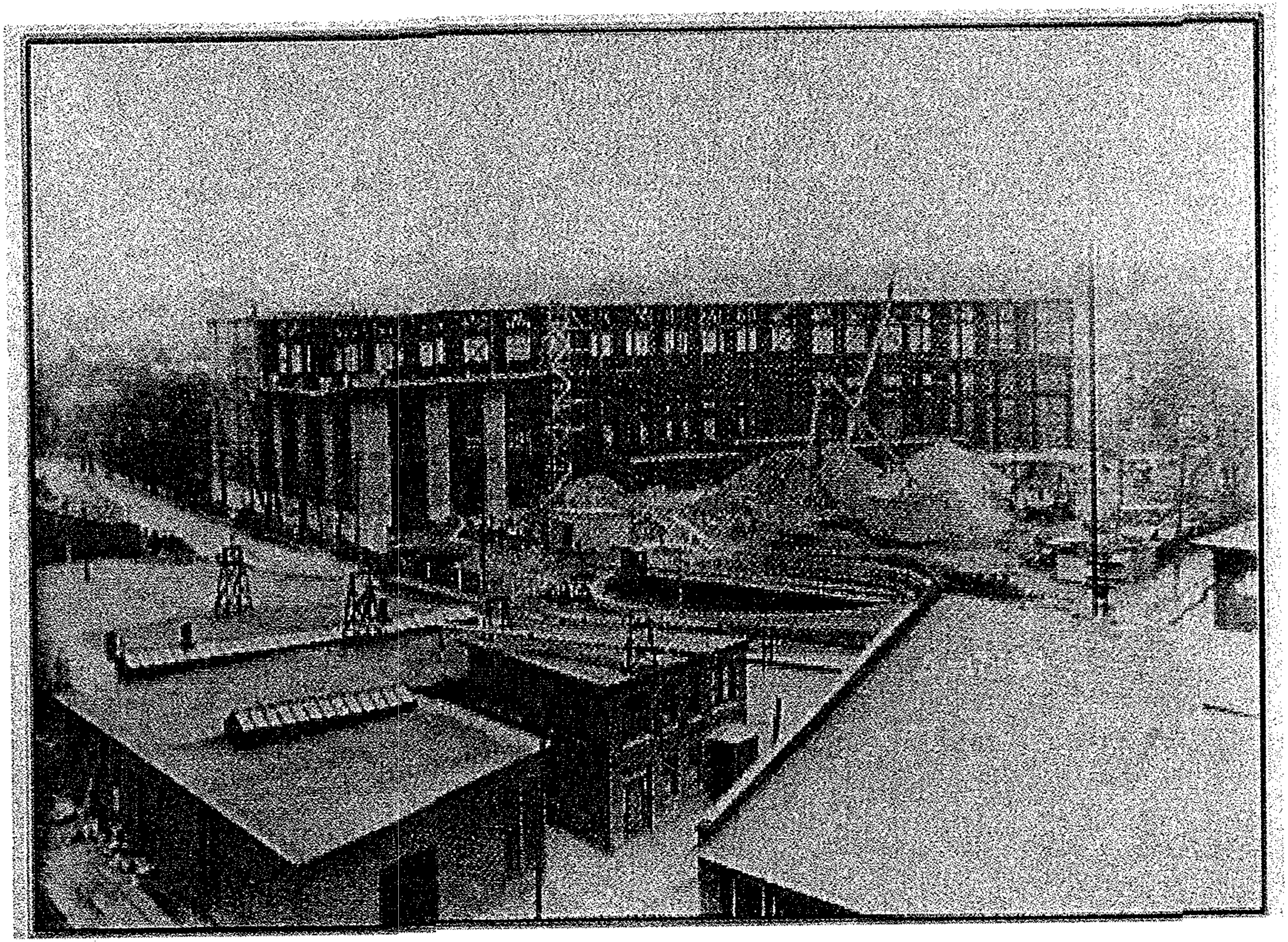
1922 ALCO Facility Map

Big N Plaza
1510 - 1520 Maxon Road Schenectady, New York

Project # 04.12144	Scale: Not to Scale	Date: March 14, 2005

NOTE: All site features are approximate. This map is based on a 1922 ALCO facility map. This site plan is intended for illustration purpose associated with a February 2005 Subsurface Investigation performed on behalf of Young Sommer, exclusively.



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1923 ALCO Photo - Bldg. 28 Under Construction

Big N Plaza
1510 - 1520 Maxon Road Schenectady, New York

Project # 04.080254	Scale: 1" = 100.0'	Date: 03/14/05

NOTE: Aerial photo taken from a ALCO Products Inc. Booklet.

comm\\netc\sites\youngsommer\bign\maps\historicalmaps\ALCOphoto1

NOTE: All site features are approximate.
This site plan is intended for illustration purpose associated with a February 2005 Subsurface Investigation performed on behalf of Young Sommer, exclusively.

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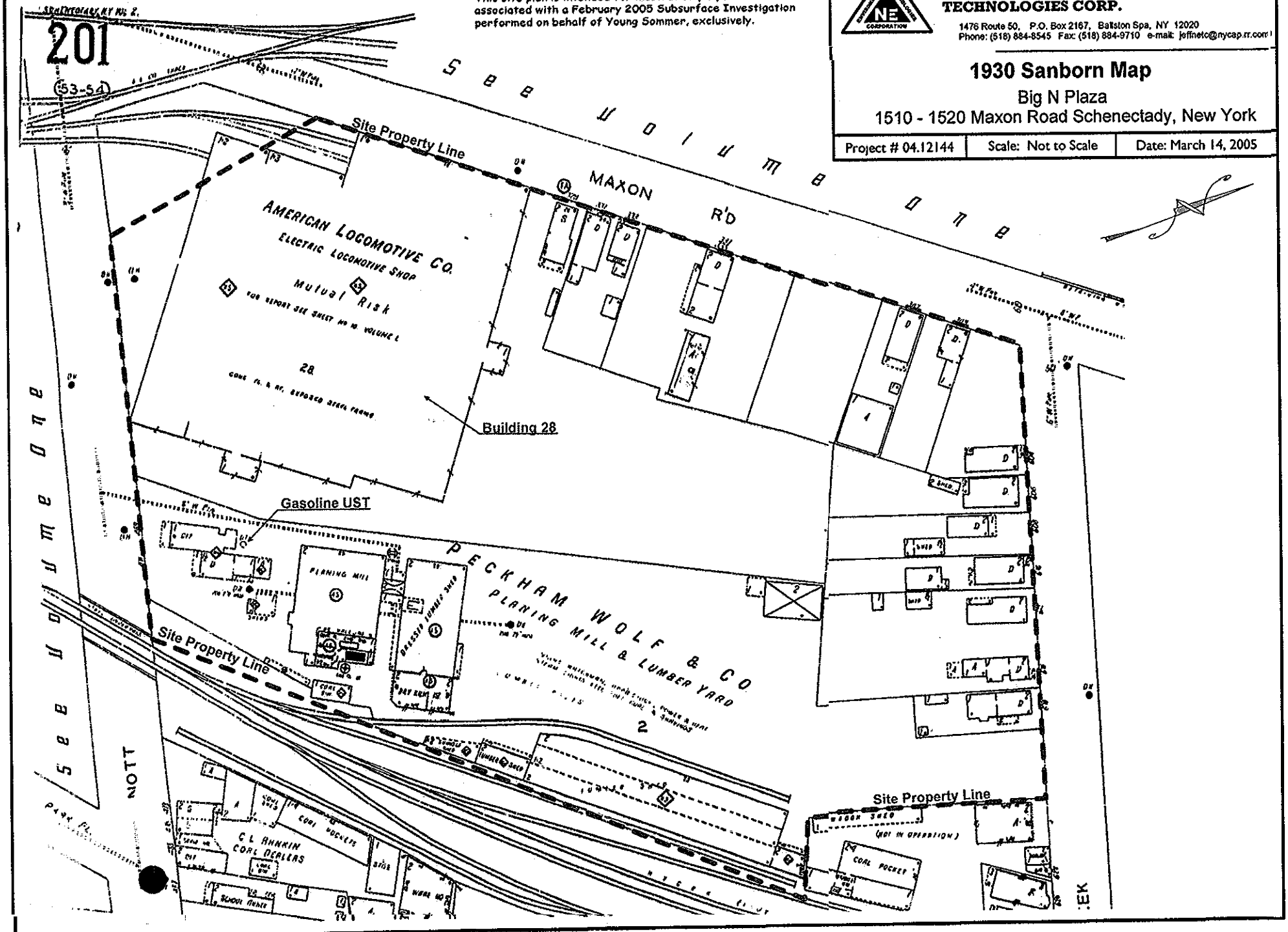
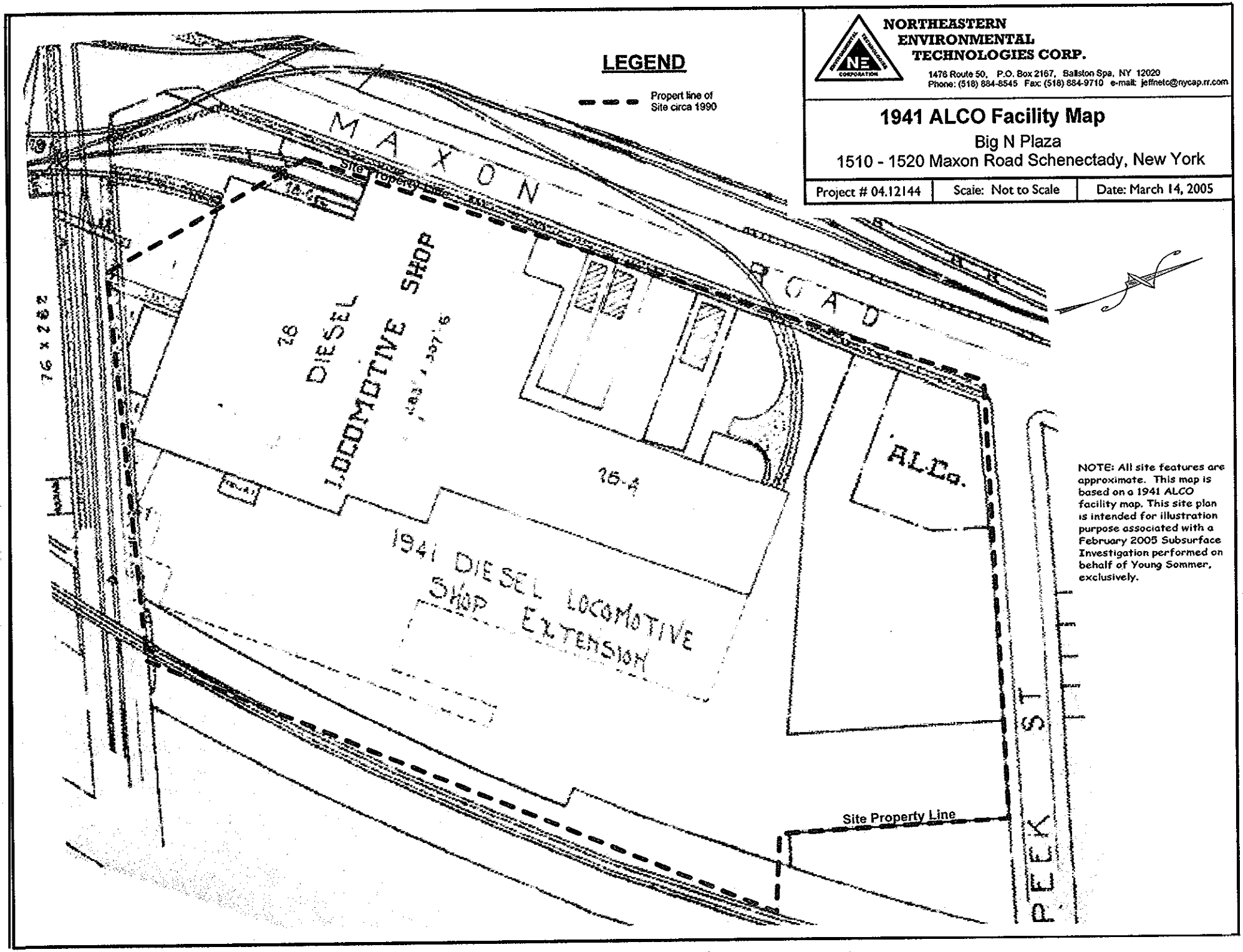
1930 Sanborn Map

Big N Plaza
1510 - 1520 Maxon Road Schenectady, New York

Project # 04.12144	Scale: Not to Scale	Date: March 14, 2005





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1941 ALCO Facility Map

Big N Plaza
1510 - 1520 Maxon Road Schenectady, New York

Project # 04.12144	Scale: Not to Scale	Date: March 14, 2005

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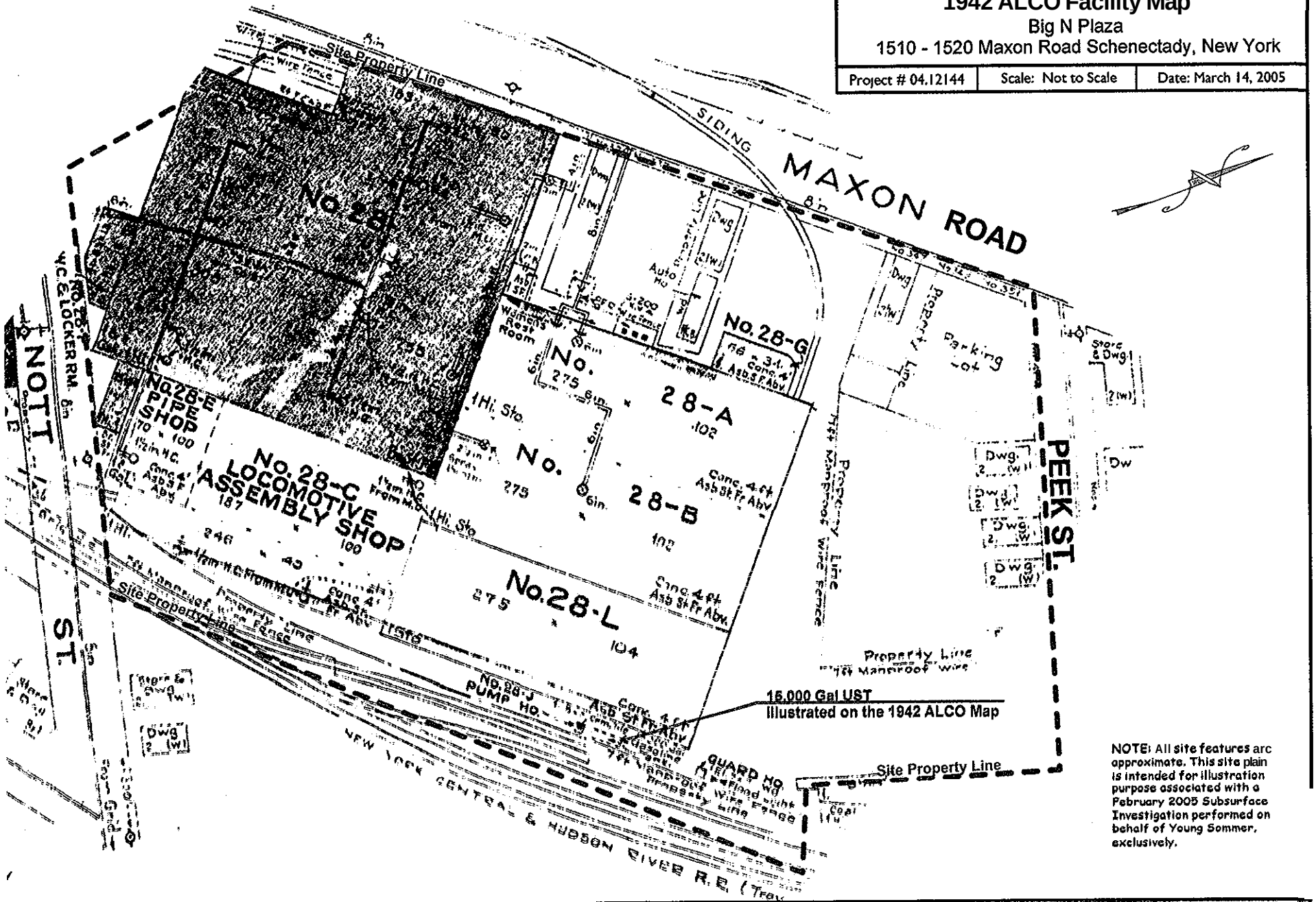
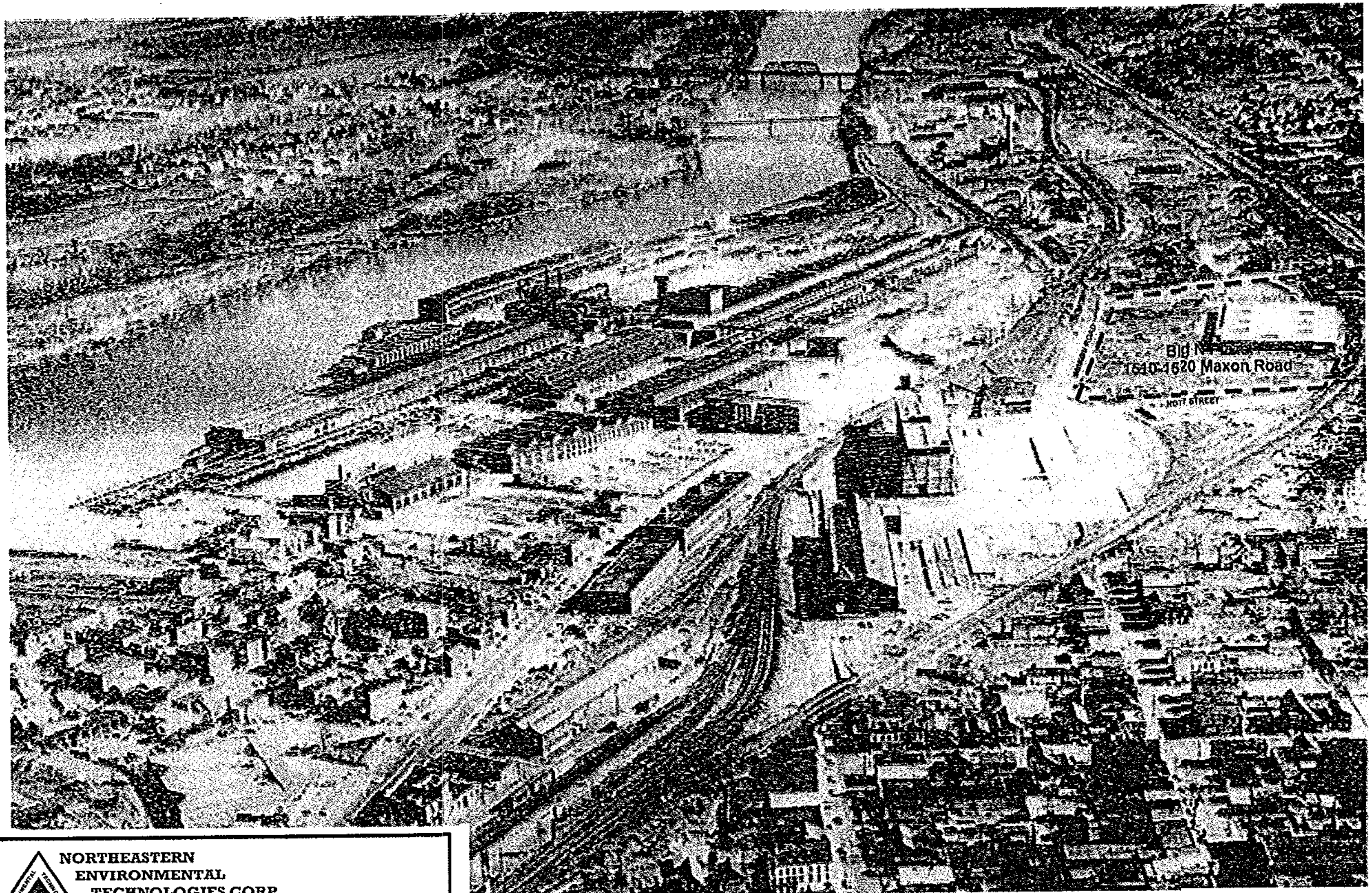
1942 ALCO Facility Map

Big N Plaza
1510 - 1520 Maxon Road Schenectady, New York

Project # 04.12144	Scale: Not to Scale	Date: March 14, 2005



NOTE: All site features are approximate. This site plain is intended for illustration purpose associated with a February 2005 Subsurface Investigation performed on behalf of Young Sommer, exclusively.



NOTE: Aerial photo taken from a ALCO Products Inc. Booklet.

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+/- 1962 ALCO Facility Aerial

Big N Plaza
1510 - 1520 Maxon Road Schenectady, New York

Project # 04.080254	Scale: 1" = 100.0'	Date: 03/14/05

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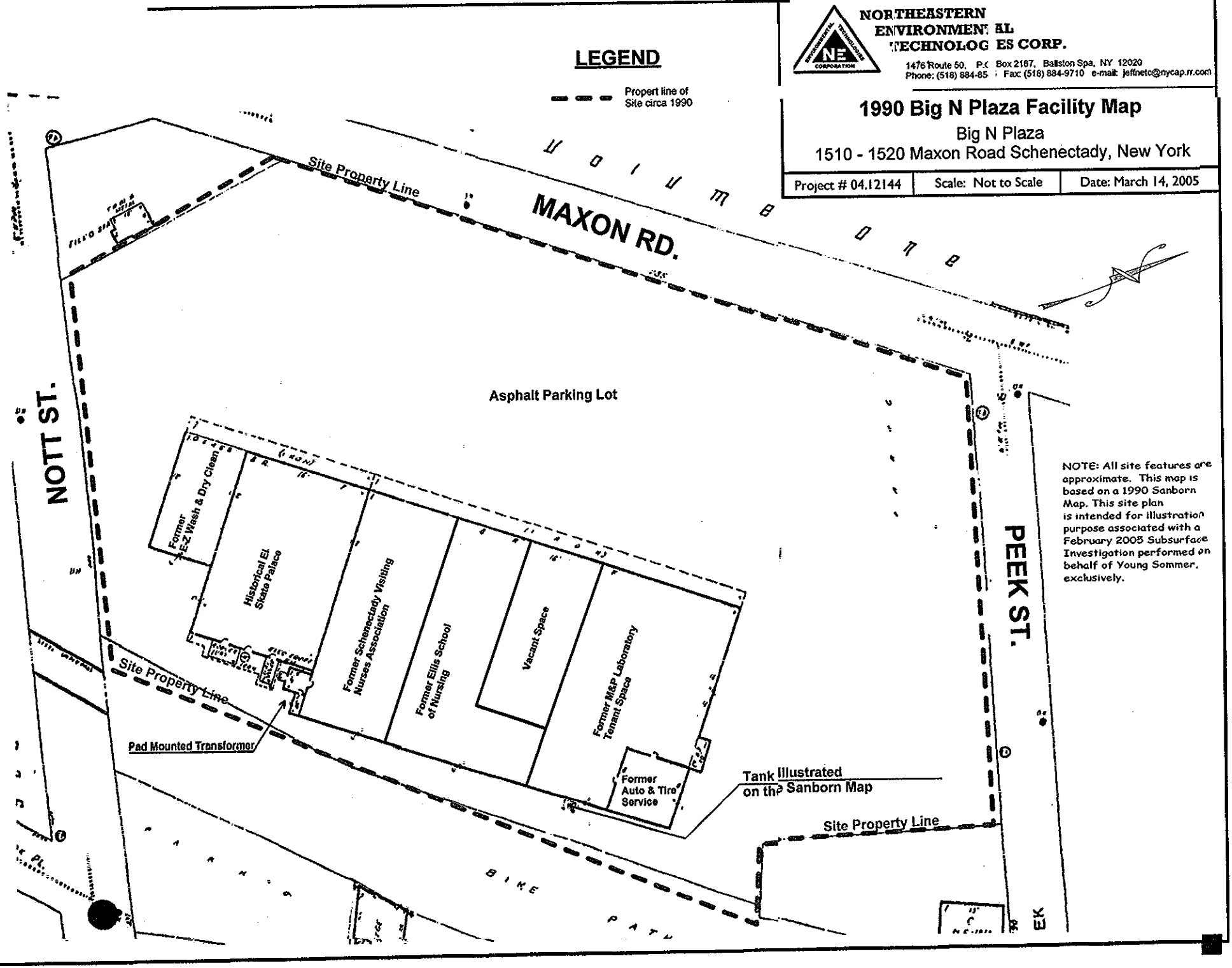
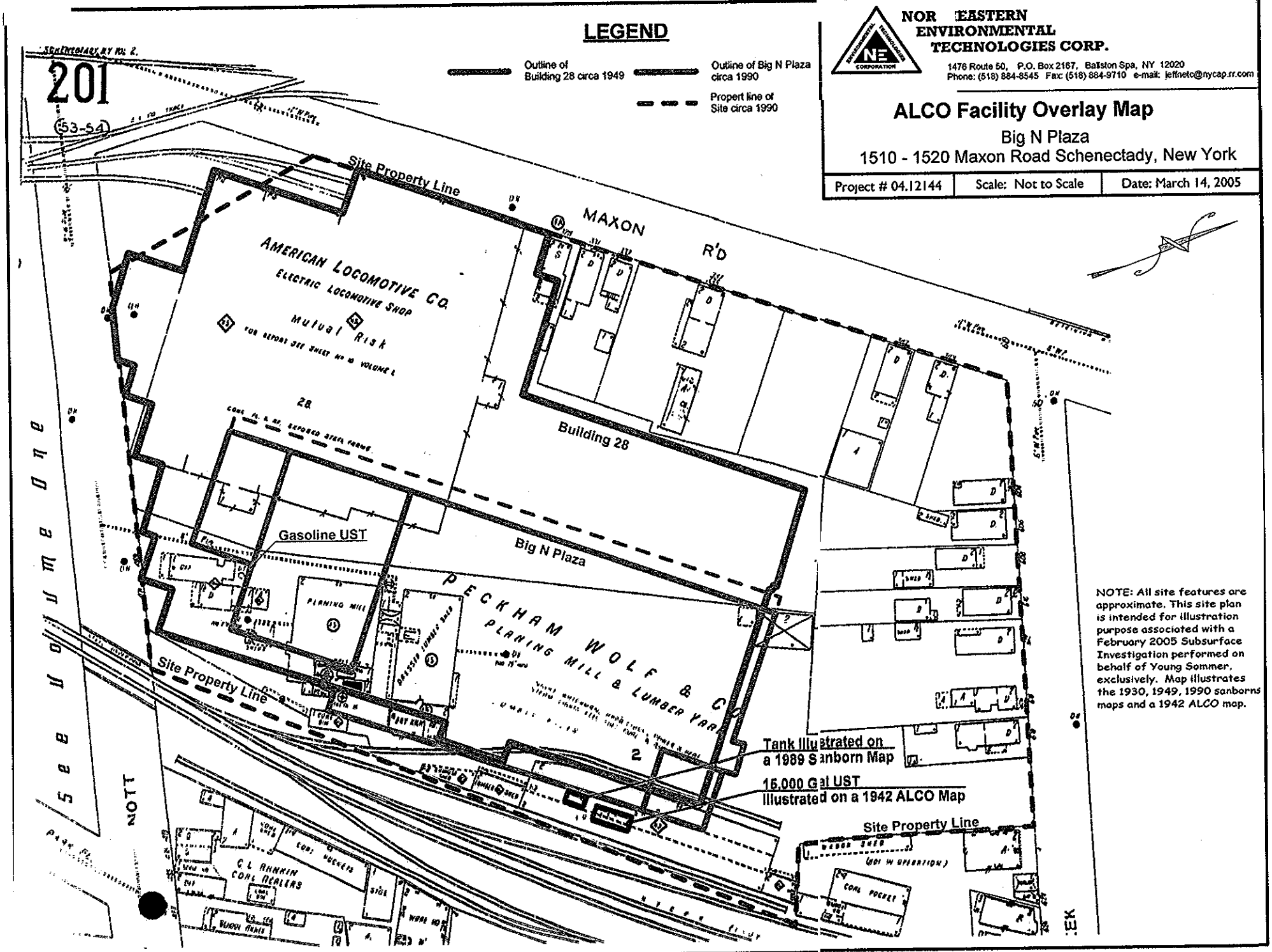
1990 Big N Plaza Facility Map

Big N Plaza
1510 - 1520 Maxon Road Schenectady, New York

Project # 04.12144	Scale: Not to Scale	Date: March 14, 2005





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Phone: (518) 884-8545 Fax: (518) 884-9710 e-mail: jeffnetc@nycap.rr.com

ALCO Facility Overlay Map

Big N Plaza
1510 - 1520 Maxon Road Schenectady, New York

Project # 04.12144	Scale: Not to Scale	Date: March 14, 2005

APPENDIX B

PREVIOUS SITE INVESTIGATION REPORTS

PHASE I

ENVIRONMENTAL SITE ASSESSMENT

for the

Big N Plaza
Control No. 3704
1520 Maxon Road
Schenectady, New York

PREPARED FOR

Lennar Partners
c/o Douglas M. Halsey, P.A.
First Union Financial Center
Suite 4980
200 South Biscayne Boulevard
Miami, FL. 33131-,5309

PSI PROJECT NUMBER 878-4E323

September 9,1994

PROFESSIONAL SERVICE INDUSTRIES, INC.

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APPENDICES:

A	Maps
B	Regulatory Documentation
C	Reconnaissance Photographs
D	Source and Interview Documentation
E	Legal Description
F	Previous ESA
G	Analytical Results
H	Author Credentials

Lennar Partners
Control No 3704

SUMMARY

Professional Service Industries, Inc has performed a Phase I Environmental Site Assessment in general accordance with the scope and limitations of ASTM E 1527-93 for the property located at 1520 Maxon Road in the City of Schenectady, New York Any exceptions to, or deletions from, this standard of practice are described in the report

The Phase I ESA indicated the following on-site environmental conditions:

- The M&P Lab - The M&P Lab is a RCRA Small Generator A walk-through of this space showed the presence of various chemicals and drums Stored chemicals awaiting disposal were observed in the Storage Room The overall appearance of this facility is good No records of violations were reported by the DEC

- Asbestos-Containing Materials - Mudded joints on fiberglass in the electric load room of the Schenectady Visiting Nurse's Association and 9"x9" brown floor tiles in the vacant space were determined to be asbestos-containing materials The floor tiles in the vacant space are "popping" from the floor A majority of the 8,300 square feet of tiles have become unadhered due to suspected water damage Although the tiles are non-friable in their undamaged condition, they are a potential exposure concern for this space

  Three mudded joints were observed to be friable and exposed in the electric load room. One of these joints was damaged, however it was located approximately 15 feet above the floor.

The Phase I ESA has also identified the following off-site concerns:

- The Hess Gas Station - The Hess gas station located at the intersection of Nott Street arid Maxon Road is approximately 200 feet south of the subject site. A previous UST removal was performed and contamination was indicated.. No further. information was available from the DEC at the time of the report., However, a contact date for file review has been set by the DEC for September 16, 1994. PSI will review the records for. this facility as soon as the DEC grants access An addendum summarizing this review in the form of a letter will be forwarded to the client..

Lennar Partners
Control No 3704

- Other Off-Site Facilities - Several other sites located greater than one-quarter mile from the subject site including State Priority List and LUST facilities were indicated as potential concerns PSI will also access these files to review pertinent information This information will be in'corporated into the letter concerning the Hess Gas Station.

This summary is not to be used alone. The report must be read in its entirety,,

Lennar Partners
Control No 3'704

1.0 INTRODUCTION

1.1 PURPOSE AND SCOPE

This Phase I Environmental Site Assessment (ESA) was performed to identify, to the extent feasible, recognized environmental conditions in connection with the site The protocol utilized for this assessment is in general accordance with the requirements of AST'M Standard E 1527-93.

1.2 AUTHORIZATION

Authorization to perform this assessment was verbally given by Ms Judy Chorlog of Douglas M Halsey, P A on July 22, 1994 All terms and conditions related to the engagement of services are discussed in the Master Consulting Services Agreement among Lennar Partners, Douglas M Halsey, P A and PSI/Jammal Division The proposal was dated March 18, 1994 and returned approved on March 23, 1994

1.3 ACCESS

Field reconnaissance was performed on August 25, 1994 Instructions as to the location of the subject site, access, and an explanation of the subject site and facilities to be assessed were provided by Mr Tyde R Richards of the Plaza at Latham Associates The Plaza at Latham Associates is the current owner of the subject site

Lennar Partners
Control No 3704

1.4 INFORMATION PROVIDED BY **CLIENT**

The following site information was provided by the client:

ITEM	PROVIDED BY CLIENT	NOT PROVIDED BY CLIENT	DISCUSSED BELOW	DOES NOT APPLY
Environmental Questionnaire and Disclosure Statement		X	X	
Site Plan	X		X	
Legal Description	X		X	
Chain of Title		X		
Identification of Key Site Manager	X		X	
Letter of Access		X		
Environmental Liens		X		
Specialized Knowledge				X

ENVIRONMENTAL..**QUESTIONNAIRE** AND DISCLOSURE **STATEMENT**

The Environmental Questionnaire and Disclosure Statement (EQDS) contained in PSI's proposal dated March 18, 1994 was not returned to PSI for review

SITE PLAN

A site plan of the property was provided by the client and reviewed for this project The site plan is dated October 12, 1962 and was produced by C T Male Associates The site plan indicates the subject site as well as the adjacent south and southwest properties The subject site is identified as "Parcel B" and comprises an area of 5 974 acres This parcel is bound on the west by Maxon Road, on the south by "Parcel A" (Electric Skate Place), on the east by the New York Central & Hudson Railroad right of way and on the north by Peek Street The subject property contains a building with a footprint that is computed to be 65,900 square feet A paved parking area is indicated as occupying the majority of the western and northern halves of the property A seven foot high chain link fence is indicated at the northeast corner of the building

Lennar Partners
Control N o 3704

LEGAL. DESCRIPTION

A legal description of the property was provided to PSI It can be found in Appendix E of this report

IDENTIFICATION OF KEY SITE MANAGER

The Key Site Manager was identified as Mr Tyde R Richards of Plaza at Latham Associates (owner) The Key Site Manager's contact address is 800 New Loudon Road, Latham, New York and the telephone number is (518) 785-6633

Information provided by the Key Site Manager has been incorporated into the body of the report and copies are included in the Appendix

1.5 WARRANTY

PHASE I ASSESSMENT

PSI warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the protocol These methodologies are described by the standard as representing good commercial and customary practice for conducting an Environmental Site Assessment of a parcel of property for the purpose of identifying recognized environmental conditions However, these findings and conclusions contain all of the limitations inherent in the methodologies which are referred to in the protocol and some of which are more specifically set forth below

Asbestos Survey

The field and laboratory results obtained from the asbestos survey reported herein were used to evaluate the presence of accessible and/or exposed suspect asbestos-containing materials (ACM) in the facility PSI warrants that the findings contained herein have been prepared in general accordance with accepted professional practices at the time of report preparation as applied by similar professionals in the community Changes in the state of the art or in applicable regulations cannot be anticipated and have not been addressed in this report

The survey and analytical methods have been used to provide the client with information regarding the presence of accessible and/or exposed suspect asbestos-containing building material existing in the facility at the time of inspection

Test results are valid only for the material tested There is a distinct possibility that conditions may exist which could not be identified within the scope of the study or which were not apparent during the site visit This inspection covered only those areas which were exposed and/or physically accessible to the inspector The study is also limited to the information available from the client at the time it was conducted

1.6 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

Along with all the limitations set forth in various sections of the protocol, the accuracy and completeness of this report is necessarily limited by the following:

The limited asbestos survey was restricted to building materials that were readily accessible and visible to the inspector during the walk-through In addition, this survey was further limited to materials that were friable or damaged,,

No Chain-of-Title information or Environmental Questionnaire & Disclosure Statement were provided by the client to PSI for review

1.7 UNIDENTIFIABLE CONDITIONS

There is a possibility that even with proper application of these methodologies, there may exist on the subject site conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information PSI believes that the information obtained from the records review and the interviews concerning the site is reliable However, PSI cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete The methodologies of this assessment are not intended to produce all inclusive or comprehensive results, but rather to provide the client with information regarding apparent suspicions of existing and potential adverse environmental conditions relating to the subject property

1.8 USE BY THIRD PARTIES

This report was prepared pursuant to the contract PSI has with Lennar Partners That contractual relationship included an exchange of information about the subject site that was unique and between PSI and its client and serves as the basis upon which this report was prepared.. Because of the importance of the communications between PSI and its client, reliance or any use of this report by anyone other than Lennar Partners, for whom it was prepared, is prohibited and therefore not foreseeable to PSI.

Reliance or use by such third party without explicit authorization in the report does not make said third party beneficiary to PSI's contract with Lennar Partners.

Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party

Lennar Partners
Control No 3704

20 SITE DESCRIPTION

2.1 LOCATION

The subject site is located at 1520 Maxon Road in the City of Schenectady, New York The property exists northeast of the intersection of Maxon Road and Nott Street It is identified as "Parcel B" of the Big N Plaza

2.2 LEGAL DESCRIPTION

The legal description for the site is provided in the Appendix E of this report

2.3 VICINITY CHARACTERISTICS

The subject site is located in a general industrial district setting The property is bound on the north by Peek Street. Its eastern boundary is paralleled by the former New York Central & Hudson Railroad right of way This railroad right of way is presently a bike path.. The south side of the property right of way abuts the south one-third of the Big N Plaza structure. This adjacent huiiding space was vacant at the time of the site reconnaissance; however the previous tenant was Electric Skate Place,,

2.4 SUBJECT' SITE DESCRIPTION

The subject site consists of approximately 6 acres of land which is generally fiat Improvements on the property include Big N Plaza building, a paved parking lot and landscaped areas

IMPROVEMENTS

The primary improvement to the site consists of a 65,900 square foot masonry building that serves as a shopping center The one-story masonry building was constructed in 1963 The building is divided into four sections, three of which are occupied

The south section is occupied by the Schenectady Visiting Nurses' Association and comprises an area of approximately 20,000 square feet A small mezzanine level is used for record storage This is located at the southwest corner of the tenant space This organization provides in-home nursing services for Schenectady County residents

The Ellis Hospital School of Nursing is the midsouth space tenant This space is comprised of approximately 13,500 square feet It's original construction was 1963; however the Space was remodeled in 1989

The midnorth space is presently vacant

The north space is occupied by the M&P Lab This tenant performs material testing and provides chemical analytical services This space comprises an approximate area of 24,100 square feet

UTILITIES

Utilities on the site and their service organizations consist of:

Water Utility:	City of Schenectady
Wastewater Utility:	City of Schenectady
Electrical Service:	Niagara Mohawk Power Corporation
Storm Water District:	City of Schenectady
Sewer District:	City of Schenectady

2.5 ADJOINING PROPERTY USE

CURRENT USE

The current use of adjoining properties was observed from the subject site as follows:

North — The adjacent north properties consist of Peek street followed by residential development. Locomotive Park is, located approximately 150 feet north or the subject site. Arnold's Auto Body Shop is adjacent to the northeast corner of the subject site.

East — The adjacent east properties consist of the former New York Central & Hudson River Railroad right of way (currently a bike path) which in turn is followed by residential development, Foster Avenue and further residential development.

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South — The adjacent south properties consist of "Parcel B" of the Big N Plaza followed by the Hess Gasoline Station, Nott Street and the Ramada Inn The Hess Gasoline Station is approximately 180 feet south of the southwest corner of the subject site

West — The adjacent west properties consist of Maxon Road followed by the D&H Railroad right of way, Erie Boulevard and the Nott Street Industrial Park The Nott Street Industrial Park is located approximately 0 20 miles west of the subject site The Mohawk River is located approximately 0 50 miles west of the subject site This river flows in a northeasterly direction in this area of Schenectady

PAST USE

There was no visual evidence of past use on the adjoining properties,

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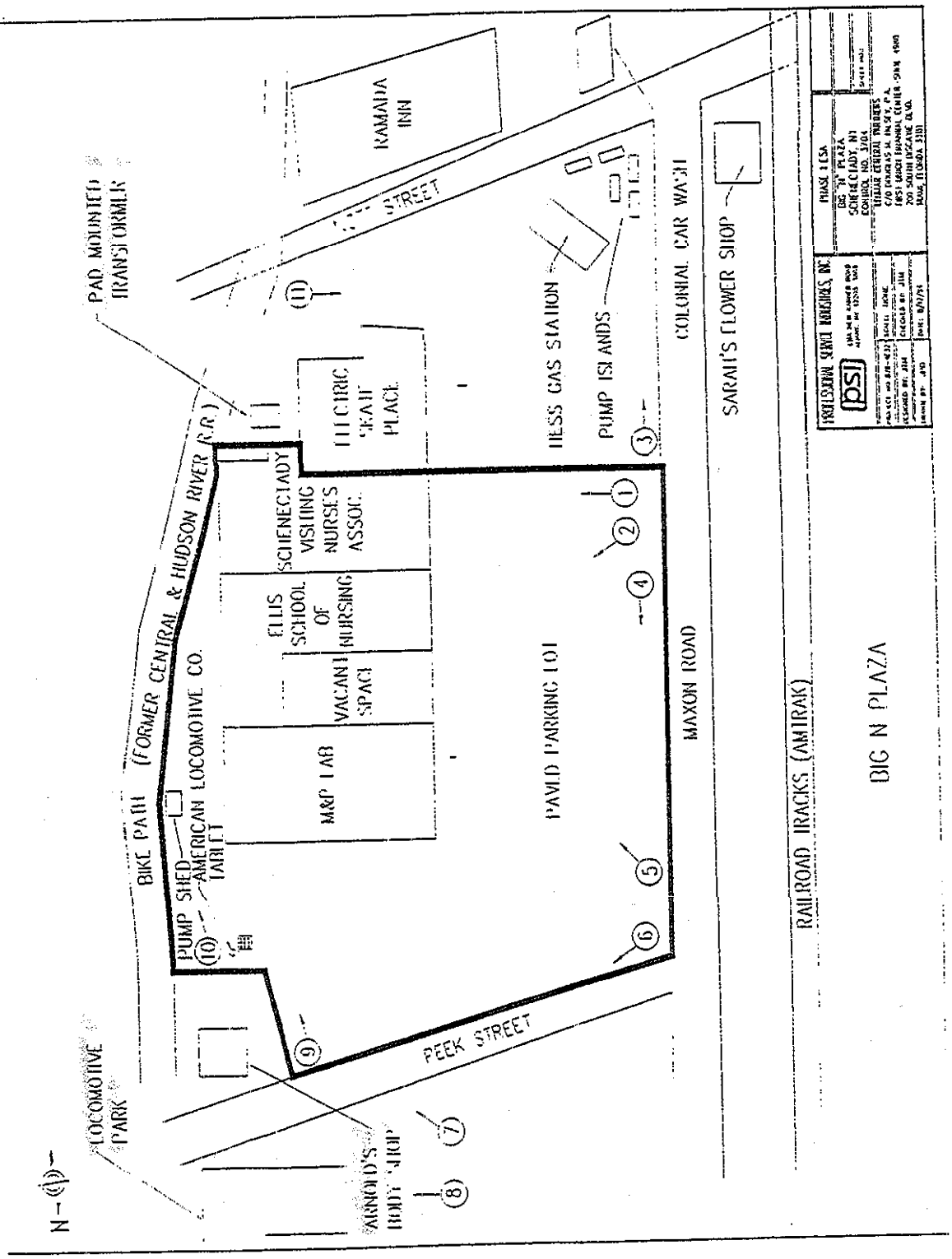
2.6 SITE SKETCH



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3.0 RECORDS REVIEW

3.1 STANDARD FEDERAL AND STATE ENVIRONMENTAL RECORD SOURCES

Information from standard federal and state environmental record sources is provided through Vista Environmental Information Data from governmental agency lists are updated and integrated into one database which is updated as these data are released This integrated database also contains postal service data in order to enhance address matching Records from one government source are compared to records from another to clarify any address ambiguities The demographic and geographic information available provides assistance in identifying recognized environmental conditions The accuracy of the geocoded locations is approximately +/-300 feet,

Regulatory information from the following sources regarding possible recognized environmental conditions within the noted distance from the subject site was reviewed Refer to Appendix B for a complete listing for each source

FEDERAL

List	Approximate Search Distance. Miles
Federal NPL List	1 0
Federal CERCLIS List	0 5
Fednal RCRA TSD Facilities List	1 0
Federal RCRA Generators List	Property and adjoining properties
Federal ERNS List	Site only

STATE

List	Approximate Search Distance,&
State Priority List Sites	1 0
Leaking Underground Storage Tank Facilities	0 5
Solid Waste Landfill Facilities	0 5
Petroleum Bulk Storage Facilities	Property and adjoining properties

EPA National Priorities List (NPL)

The National Priorities (Superfund) List(NPL) is EPA's database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund Program

A search of the January, 1994 NPL List indicated no NPL facilities located within one mile of the site

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EPA CERCLIS List

The CERCLIS lists and identifies suspected contamination sites throughout the nation; however, a facility or site on this list does not necessarily have environmental problems,,

The subject site does not appear on the January, 1994 CERCLIS List Review of the information provided indicates that one CERCLIS site is located within one-,half mile of the subject site:

Facility Name/Address	ID#/Distance from Site
JGD Plating 1'776 Foster Ave Schenectady, NY 12308	NYD986924280 0 41 miles northeast

EPA RCRA Proaram

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal The RCRA Facilities database is a compilation by the EPA of reporting facilities that generate, store, transport, treat or dispose of hazardous waste

The subject site does not appear on the July, 1993 RCRA Database provided by VISTA The only off-site facility which appears on the RCRA lists is the following RCRA Small Generator facility:

Facility Name/Address	ID#/Distance from Site
M&P Lab 1520 Maxon Road Schenectady, NY 12308	NYD986975761 On-Site

Generator.Class: Generator who generates less than 100 kg / month of non-acutely hazardous waste,,

Emergency Response Notification *System*

The Emergency Response Notification System (ERNS) is a national database used to collect information on reported releases of oil and hazardous substances The database contains information from spill reports made to federal authorities including the EPA, the U S Coast Guard, the National Response Center and the Department of Transportation

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A search of the September, 1993 ERNS List indicated no regulated materials discharge to have occurred on the site.

State Priority List

The State Priority List is a generic name for databases maintained by many states that contain sites considered to be actually or potentially contaminated and presenting a possible threat to human health and the environment In New York, such sites are listed by the state to warn the public or indicate an ongoing investigation and/or cleanup program managed by the state The following facility listed on the May, 1993 SPL list is located within one mile of the subject site:

Facility Name/Address	ID#/Distance from Site
JDG Plating, Inc. 1776 Foster Avenue Schenectady, NY 12308	447018 0 4 1 miles northeast

Leaking Underground Storaae Tanks (LUST)

This is a database maintained by the New York State Department of Environmental Conservation (DEC) of known or suspected leaking underground storage tanks (USTs) The subject property is not listed as a LUST site; however the following off-site leaking UST facilities are located within one-half mile of the subject site:

Facility Name/Address	ID#/Distance from Site
1 Hess Station Nott Street and Maxon Road Schenectady, NY 12308	8803372 200 feet south
2. Schenectady Fire Department 450 Nott Street Schenectady, NY 12308	8707637 0 35 miles east
3 Atlantic Refining Marketing '717 Nott Street Schenectady, NY 12308	9010561 0 31 miles east
4 Bureau Service - City of Schenectady 1731 Foster Avenue Schenectady, NY 12308	9301972 0 35 miles northeast

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5	Rainbow Carwash Erie Blvd 1421 Erie Blvd Schenectady, NY 12308	9305348 0 35 miles southwest
6.	Red Kap Sales 1757 Van Vranken Ave.. Schenectady, NY 12308	8705293 048 miles east

Solid Waste Landfill Facilities (SWLF)

This is a database maintained by the New York State Department of Environmental Conservation (DEC) of solid waste landfills, incinerators and transfer stations

The subject site does not appear on the April, 1993 SWLF list There are no solid waste facilities located within one-half mile of the subject site

Underuround Storaae Tank Facilities (USTs)

This is a database maintained by the New York State Department of Environmental Conservation (DEC) of registered underground storage tank facilities

A search of the January, 1994 UST List indicated the following facility adjoining the site:

Facility Name/Address	ID#/Distance from Site
Hess Station Nott Street and Maxon Road Schenectady, NY 12308	4-163686 200 feet south

3.2 FINDINGS FROM LISTS

JGD Plating, Inc.

This facility is listed as both a CERCLIS and State Priority List facility It is located 0 41 miles northeast of the subject site

No additional information for JGD Plating, Inc was available from the Vista provided report PSI will access and review the file maintained for this facility at the DEC and forward a letter discussing the findings

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Schenectadv Materials Processes Lab

This RCRA small generator facility is located on the subject site in the north space of the building It is currently known as the M&P Lab The M&P Lab provides services such as analytical and materials testing Various chemicals and types of machinery are used in the M&P Lab tenant space The maintenance of the building appears good and chemicals appear well ordered The floor is constructed of concrete A floor drain was observed in the Pump Room and is discussed in Section 5 1 - Drums, Containers and Storage Tanks No evidence of excessive spills or staining were observed on the floor Based on the above conditions and the existence of a concrete floor, the environmental impact of this facility on the subject site is considered low

Hess Station.

This LUST and UST facility is located 200 feet south of the subject site Soil contamination was found at this site during the removal of a 4,000 gallon gasoline underground storage tank

The Hess Station had previously removed four tanks The remaining USTs are:

Tank#	Contents	Installed
5	Gasoline	7/88
6	Gasoline	7/88
7	Gasoline	7/88

No additional information was available for this facility in the Vista report PSI will access and review the files maintained for this service station at the DEC and forward a letter discussing the findings

Schenectadv Fire Department (SFD)

This LUST facility is located approximately 0 35 miles east of the subject site The leak was reported on September 27, 1987 as gas dripping from a pin hole in a car's gas tank The SFD plugged the hole with duct seal The status of this case is closed

Based on the above information, the environmental impact of this incident on the subject site is considered low

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Atlantic Refinina Marketing

This LUST facility is located approximately 0 31 miles east of the subject site A tank integrity test performed on January 2, 1994 failed The DEC is requiring Atlantic to repair or replace this tank

No additional information was available from the Vista supplied report PSI will access and review the files for this facility at the DEC and forward a letter discussing the findings

City of Schenectadv DPW

This LUST facility is located approximately 0 35 miles northeast of the subject site A 4,000 gallon UST located on-site failed the Horner tank test at greater than 1 gallon per hour This was reported by the tank testing company

No additional information was available in the LUST report PSI will access the file for this facility at the DEC, review it and forward a letter discussing the findings

Red Kap Sales

This LUST' facility is located approximately 0 48 miles east of the subject site This was a former Citgo Station which had two leak events One was the reported leak of 500 gallons of gasoline from an UST on November 20, 1986 This spill was cleaned up by March 31, 1987 and the case was closed A second leak occurred on September 21, 1987 and involved a 4,000 gallon underground diesel tank The tank was being tested and failed on November 20, 1986 It was reported that groundwater was contaminated by the incident

No additional information was available for this facility in the LUST report.. PSI will access the Red Kap Sales files at the DEC, review them and forward a letter discussing the findings,,

Rainbow Carwash Erie Blvd.

This LUST facility is located approximately 0 35 miles southwest of the subject site Soil contamination was reported at this facility on July 30, 1993 A leaking gasoline (unspecified) UST was projected as the source

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No additional information was available for this facility in the LUST report PSI will access the files for Rainbow Carwash at the DEC, review them and forward a letter discussing the findings

3.3 ADDITIONAL LOCAL RECORDS

LOCAL GOVERNMENT REVIEW

The City of Schenectady Health Department's office was contacted for information concerning regulated material spills and chemical emergencies at the site and within the immediate locale A representative of this office stated that the department knew of no spills or chemical emergencies at or near Big N Plaza

3.4 PHYSICAL SETTING SOURCES

TOPOGRAPHIC MAP REVIEW

The USGS Schenectady Quadrangle Topographic map dated 1993 was reviewed fot this ESA

According to the contour lines on the topographic map, the subject site is located approximately 240 to 250 feet above Mean Sea Level. The contour lines in the area of the subject site indicate the area is generally sloped from the east down to the west The map indicates the presence of the Big N Plaza structure on the subject site,. It also shows the presence of the Sarah's Flower Shop and Ramada Inn structure at the northwest and southeast corners of the Maxon Road/Nott Street intersection, respectively No evidence of the Hess Station was observed on this map; however; this facility was observed to be active and in-'service at the time of this report. The Nott Street Industrial Park is evident west of Erie Boulevard The Mohawk River. is evident approximately one-quarter mile west of the Nott Street Industrial Park, The D&H Railroad (Amtrak) right of way is evident immediately west of Maxon Road, A bike path is evident adjacent to the east side of the subject site. This bike path was the former New York Central & Hudson River Railroad right of way.

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GROUNDWATER INFORMATION

A report titled The Ground-Water Resources of Schenectady County, New York was obtained for review from the US Geological Survey This report, dated 1952, indicated that the groundwater movement conforms roughly to the configuration of the laned surface This would indicate a groundwater flow in the are of the subject site down toward the west end and the Mohawk River

SOIL. CONSERVATION SERVICE MAP

The USDA Soil Conservation Service (SCS) Soil Survey of Montgomery and Schenectady Counties, New York, dated March 1978, was reviewed for the ESA.. The soil maps designate the subject site soils as cut and fill land An interview with Mr Joe Ryan, District Manager of the SCS, revealed that the closest major soil classification for the underlying soils would be Colonie loamy fine sand These soils are defined as a nearly level, deep, well drained to excessively drained, coarse textured soil on deltas and lake plains These soils formed in lacustrine and eolian deposits that are dominantly fine sand and very fine sand The permeability of this soil is defined as rapid..

FIRE INSURANCE MAPS

PSI reviewed Fire Insurance Maps (Sariborn Maps) for the subject site These were provided by Sanborn Mapping and Geographic Information Service Maps were available for 1894, 1900, 1914, 1930, 1949, 1988, 1989, 1990 and 1993 These are discussed below

1894 Map

'This map shows the east side of the subject site as vacant land while the west half is depicted as containing residential structures Maxon Road is listed as Romeyn in this map 'The adjacent north and south properties are residential while the east and west adjacent properties are listed as vacant

,1900 Mao,

The only significant change from 1894 map was the presence of the Schenectady Locomotive Works located on the south side of Nott Street

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1914 Map

This map shows a lumber yard at the southeast corner of the subject site The rest of the subject site is still depicted as residential in nature Romeyn is now depicted as Maxon Road The northeast corner of the Nott Street/Maxon Road intersection is occupied by the American Locomotive Company's turntable Tenements were listed at the property adjacent to the northeast corner of the subject site.,

1930 Map

A review of the 1930 map confirms the presence of the ALCO Electric Locomotive Shop near the area now occupied by the Hess gas station Residential structures are evident on the west and north sides of the subject site A lumber shed owned by Peckham Wolf & Co is located at the southeast corner of the subject site A planing mill structure exists south of the southeast corner of the subject site

1949 Map

Review of the 1949 map indicates an addition has been made to the original ALCO shop building This Diesel Shop & Assembly addition is observed to occupy most of the subject site The north side of the site still appears to be used for residential purposes

1988 Map

The 1988 map depicts the presence of the current on-site building

1989, 1990 & 1993

No significant changes from the 1988 map conditions were observed on these Sanborn Maps

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4.0 HISTORICAL.USE INFORMATION

4.1 AERIAL.PHOTOGRAPH REVIEW

Aerial photographs for the general site area from 1942, 1952 and 1960 were available for review from the USDA Schenectady County Soil Conservation Service Additional photographs dated 1973 and 1986 were available for review from Schenectady County Real Property Department A 1993 aerial photograph was available for review from the Schenectady County Planning Department Observations made from all six photographs are summarized below

1942 Aerial Photograph Scale: = Unknown

Review of this aerial photograph revealed the presence of buildings believed to be owned by the American Locomotive Company (ALCO) These buildings occupied the majority of the subject site and adjacent Big N Plaza site Associated buildings were also located on the adjacent south and west properties The adjacent east properties contained residential buildings which exist west of Erie Boulevard appeared to also belong to ALCO

1952 Aerial Photoaraph Scale 1" = 660'

Review of this photograph, dated May 28, 1952, revealed the addition of an "L" shaped building on the adjacent north property The site reconnaissance confirmed this building as the current Locomotive Park structure No other significant changes in conditions from those appearing in the 1942 aerial photograph were observed

1960 Aerial Photograph Scale: 1" = 660'

This aerial photograph, dated October 9, 1960, showed that all ALCO buildings formerly existing on the subject site were gone. It appears that all of these "buildings were demolished. The adjacent south site contained only four buildings,, The others that once existed there were also apparently demolished.. Two of the buildings were present at the current Ramada Inn location while the other two were evident at the current Colonial Car Wash facility The Locomotive Park and Erie Boulevard buildings were unaltered,,

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1973 Aerial Photograph Scale: 1" = 100'

Review of this aerial photograph, dated April 16, 1973, revealed that the Big N Plaza structure was constructed and in its current location A structure reported to be a Salvation Army post was observed on the current Colonial Carwash site The foundation for the adjacent (northeast) Arnold's Body Shop was evident No additional structures beyond the Salvation Army post were evident on the current Rarnada Inn or Colonial Carwash sites Locomotive Park is still evident to the north of the subject site

1986 Aerial Photoaraph Scale: 1" = 100'

This aerial photograph, dated April 14, '1986, indicated the presence of the current adjacent Rarnada Inn (south). Colonial Carwash (south) and Arnold's Body Shop (northeast) structures., Sarah's Flower Shop was evident at the northwest intersection of Nott Street and Maxon Road The Salvation Army post structure was demolished. The Big N Plaza was evident on the subject site.

1993 Aerial Photoar'aoh Scale: 1" = 1.320'

Review of this aerial photograph, dated April, 1992, revealed that no significant changes in the site and off-site conditions had occurred since the 1986 photograph.

4.2 CITY DIRECTORY

The various city directories available for review at the Schenectady Public Library were limited to the 1993, 1984, 1980 and 1961-1962 editions Review of these directories indicated the following information:

- The Big N Plaza was listed at 1520 Maxon Road back to 1980. In the 1961-1962 directory, American Locomotive Company was listed at this address,,
- Sarah's Flowers & Plants was listed at 1501 Maxon Road in the 1993 directory No previous listing was given for this address.
- The Ramada Inn was listed at 450 Nott Street back to 1980 No listing was observed for this address in the 1961-1962 directory

- The Hess gas station was listed at the Maxon Road-,Nett Street intersection back to 1980 No listing was observed for this address in the 1961-1962 directory

4.3 PROPERTY 'TAX FILES

Review of the City of Schenectady Tax Assessor's records indicated that the subject site is a 5 974 acre parcel of land The property was identified as 39 50-1-9 1 This property is owned by Maxon Realty, Inc

4.4 CHAIN OF TITLE RECORDS

No Chain of Title documents were provided to PSI by the client

4.5 ZONING MAPS

TOWN ZONING MAP

A review of the City of Schenectady zoning map, revised December 18, 1991, indicated that the subject site and surrounding area is zoned as general industrial district

WETLAND MAPS

Review of the DEC Wetlands Map revealed that no designated wetlands were present on or immediately adjacent to the subject site

FLOODPLAIN MAPS

The National Flood Insurance Program map was reviewed for floodplain information. The subject site was not in any of the indicated floodplain areas. The map is identified as City of Schenectady, New York Schenectady County Panel No. 360741 0002, dated September 30, 1983.

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4.6 PREVIOUS ESA

A previous ESA for this site dated June, 1989 and performed by Dunn Geoscience Corporation of Albany New York was provided by the client for our review A review of this report confirmed the previous occupant as the American Locomotive Company (ALCO) Based on the industrial characteristics of ALCO, Dunn Geoscience recommended and subsequently performed soil sampling and analysis These are summarized below A copy of this previous ESA including the analytical results is located in Appendix F The analytical results of this sampling indicated that there was no significant variation from northeastern soil characteristics

Soil Sampling

Based on the industrial characteristics of the previous use by ALCO, Dunn Geoscience performed limited soil sampling on the subject site Three soil samples were collected from borings and were composited for analysis The sample results are provided below:

Parameter	Sample #	Highest Result	Detection Limit	Eastern US Concentration Range
Arsenic	26470	5 8 mg/kg	1 0 mg/kg	3-12 mg/kg
Chromium	26470	35 mg/kg	10 mg/kg	1-100 mg/kg
Copper	26470	32 mg/kg	5 mg/kg	0-50 mg/kg
Lead	26469	40 mg/kg	10 mg/kg	4-61 mg/kg
Mercury	26469	0 12 mg/kg	0 1 mg/kg	0 042-0 066
Nickel	26470	24 mg/kg	8 0 mg/kg	6-12 5
Zinc	26470	79.9 mg/kg	4.0 mg/kg	9-50

The results for Mercury, Nickel and Zinc are slightly elevated as compared to the Eastern US Uncontaminated Soil Concentration Range PSI does not consider these results, however, to be of significant variation to infer an environmental concern

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5.0 RECONNAISSANCE AND INTERVIEWS

Where possible, photographs were taken during the reconnaissance to document the features observed and recognized environmental conditions The photographic locations are shown on the site sketch included in the report section "Site Description" Interviews were conducted with persons as noted in the following table Photographs and records of communications form interviews are included in Appendix C

5.1 INTERVIEWS

Interviews were conducted with the following:

NAME	FUNCTION	EMPLOYER	DATE	PHONE
Joe Ryan	District Manager	USDA Soil Conservation Service	**8/1/94**	**(518) 399-6980**

For a record of the interviews, please refer to the Appendix D

5.2 ON-SITE RECONNAISSANCE

On-site visual reconnaissance of the subject site and improvements for indications of recognized environmental conditions was conducted on August 25, 1994, by Mr Jeffrey Mt Pleasant, Project Manager of PSI

Reconnaissance consisted of walking the interior building and the property of the subject site Where possible, photographs were taken to document the features observed during the reconnaissance and recognized environmental conditions and the photographs are included in Appendix C.

DRUMS, CONTAINERS AND STORAGE 'TANKS

The on-site reconnaissance addressed containers, drums, above ground storage tanks and other storage units which may pose recognized environmental conditions

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Various tanks and drums were observed throughout the M&P Lab space Several hydrogen, oxygen and helium cylindrical tanks were observed in the analytical testing areas These tanks are reportedly used in the analytical processes of the lab All appeared in good condition These are not considered an environmental concern

Two 55 gallon oil drums were observed in the High Pot Room Some minor staining was observed on the concrete floor The drums appeared to be in good condition and the area appeared fairly well maintained, notwithstanding the minor staining Based on the condition of the drums and the presence of a concrete floor, this area is not considered an environmental concern

Two 55 gallon motor oil and two 55 gallon hydraulic oil drums were observed in the Pump doom. These drums are located in an area whose access is restricted by a metal cage All four drums appeared in good condition with no evidence of spills or leaks observed, The area appears well maintained A floor drain was observed in the center. of this .pump room.. No staining was observed in this room., The discharge point of the floor drain, is reportedly unknown by both the property owner (Plaza at Latham Associates) and the tenant (M&P Lab) Based on the observed condition of the floor drain at the time of the survey, this drain is not considered an environmental concern,,

Three nitrogen gas cylindrical tanks were observed in the Gas House area of the M&P Lab These are reportedly used for cleaning instruments These tanks were observed to be in good condition and are not considered an environmental concern

Numerous drums containing epoxy resin and photo developing chemicals were observed in the Photo Developing room No stains or leaks were evident and the area appeared ordered and well maintained. These drums are not considered an environmental concern in this observed condition..

A 55 gallon drum labeled as Ferric Chloride was observed in the Receiving Dock/Garage area of the M&P Lab This chemical is used for etching removal in the Ferric Chloride Etching Removal Room The drum appeared to be in good condition and no staining was observed The maintenance of this area appeared good This drurn is not considered to be an environmental concern in its current condition

The Storage Room of the M&P Lab contained three empty 55 gallon drums labeled as Trident AP-32 and hundreds of bottles of dry chemicals These chemicals were contained in glass bottles and were sorted for disposal by an outside contractor These chemicals were reported to be chemicals no longer used by the M&P Lab The chemicals appeared ordered and the area appeared well maintained These chemicals are not considered an environmental concern in their current condition

PSI will access the M&P files available and review them for violations

EVIDENCE OF **WASTE DISPOSAL**

The on-site reconnaissance addressed dumps, pits, ponds, landfills, borrow pits, and lagoons which may have been used for disposal purposes No evidence of dumps, pits, ponds, landfills or lagoons was found

SURFACE FILL

The on-site reconnaissance included observation for visible indications of fill soils No indications of fill soil were observed However, an interview with Mr Joe Ryan of the USDA Schenectady County Soil Conservation Service indicated that the subject site was mantled by cut and fill soil Mr Ryan remarked that fill soil was probably added to bring the site out of the floodplain classification

SURFACE STAINING AND STRESSED VEGETATION

The on-site reconnaissance addressed indications of environmental conditions as evidenced by surface stains and/or stressed vegetation

Staining of the concrete floor of the Ferric Chloride Etching Removal room was observed in the M&P Lab space. This appeared to be caused by spilled ferric chloride and comprised an approximate area of three square feet., No floor drains were observed in this room..

Due to the absence of a conduit to the ground and the limited area affected, this staining is not considered an environmental impact to the subject site,,

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Some minor staining was also observed in the High Pot Room of the M&P Lab This was around the 55 gallon motor oil and hydraulic oil drums discussed earlier The staining was comprised of approximately 2 square feet of scattered stains on the concrete floor Based on the limited area of staining and the presence of the concrete floor, this area is not considered an environmental concern

TRANSFORMERS

The on-site reconnaissance also addressed indoor or outdoor transformers which may contain PCBs The only on-site transformers were a dry transformer and a non-PCB oil transformer located in the M&P Lab These transforrners are not considered an environmental concern

AIR STACKS, VENTS, AND ODORS

The on-site reconnaissance addressed air stacks, vents and strong, pungent or. noxious odors Roof vents for the M&P Lab were observed; however the environmental impact of emissions from these vents on the subject site is considered low

SURFACE DRAINAGE

The on-site reconnaissance addressed the apparent drainage to and from the subject site Specific elements are as follows:

Surface water or drainage from adjacent properties was not observed However, the general area has a downward slope from east down to west It is therefore inferred that the surface drainage is from east to west

Surface water drainage from the subject site is west toward storm sewers located in the Big N Plaza paved parking lot A representative of the City of Schenectady Engineering Division stated that the storm water drainage is routed from this area down Nott Street and into the Mohawk River

EVIDENCE OF UNDERGROUND STORAGE TANKS

None of the following indications of underground storage tanks (USTs) were found on the subject site.

Pumps, pipes or vents
Tank related manholes
Tank related concrete pads or surface depressions

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EVIDENCE OF IMPROPER WASTE DISCHARGE

Pipes and/or vents, indicating improper release of waste discharge, were not found.

ON-SITE ENVIRONMENTAL.MANAGEMENT PRACTICES

The on-site reconnaissance addressed the following environmental management practices.

HAZARDOUS WASTE

Indications of hazardous waste generation was observed on the subject site As discussed in Section 3 2 Findings from Lists, The M&P Lab is a RCRA small generator facility The space appeared well maintained and chemicals appeared well ordered

TREATMENT FACILITIES

No indications of wastewater disposal or treatment facilities were observed during the on-site reconnaissance

APPLICATION OF PESTICIDES, HERBICIDES OR FERTILIZERS

No indications of the use of pesticides, herbicides, or fertilizers was observed during the on-,site reconnaissance and/or interviews

GENERAL ENVIRONMENTAL.PRACTICES

No indications of adverse environmental practices were observed during the site reconnaissance.

5.3 OFF-SITE RECONNAISSANCE

Off-site visual reconnaissance of adjacent properties from the subject site was conducted on May 14, 1994, by Mr Mt Pleasant The off-site reconnaissance was limited to areas and facilities that were readily accessible for visual observation, immediately adjacent to and visible from the subject site The adjacent private properties were not entered Off-site visual reconnaissance addressed the same issues considered on-site

ITEM	NOT OBSERVED	OBSERVED	DISCUSSED BELOW
Drums, Containers & Storage Tanks	X		
Dumps, Piu & Lagoons	X		
Surface Soil Staining or Stressed Vegetation	X		
Transformers		X	X
Air Stacks, Vents & Odors	X		
Off-Site Drainage		X	X
Underground Storage Tanks		X	X
Aboveground Storage Tanks	X		
Shafts & Wells	X		
Off-Site Environmental Management Practices	X		

'Transformers

A pad mounted transformer was observed at the northeast side of the adjacent south Big N Plaza structure The transformer is mounted on a concrete pad and is owned by Niagara Mohawk Power Corporation (NIMO) The transformer was observed to be in good condition with no staining or leaks evident,,

Three pole mounted transformers were observed at the southeast corner of the adjacent south Big N Plaza space These transformers are owned by NIMO and appeared to be in good condition No rusting or evidence of spills or leaks was evident

Off-Site Drainage

The surface drainage of the adjacent south Big N Plaza space was downward to the west and toward storm sewers located in the paved parking lot area..

Underaround Storage Tanks

Evidence of underground storage tanks (USTs) was observed in the form of vent pipes and fill caps at the adjacent south Hess Station Two vent pipes were observed at the north end of the Hess Station structure while the two others were observed at the southeast corner of this structure The USTs are discussed in Section 3 2 of this report

Arnold's Body Shop was observed adjacent to the northeast corner of the subject site Since the facility is an Auto Body shop, some concern of underground storage tans (USTs) was projected A visual reconnaissance of the property exterior from the road did not indicated any fill or vent pipes or drums on this site No evidence of solvent storage was observed around the outside of this body shop structure No USTs were reported in the VISTA report PSI therefore considers the environmental impact of this facility on the subject site to be low

5.4 LIMITED ASBESTOS SURVEY

General Information

A visual and limited sampling survey of the on-site building was performed to determine the presence of suspect asbestos-containing materials was conducted on August 25, 1994 The survey encompassed approximately 66,000 square feet of the building and covered four of the five tenant spaces of the Big N Plaza The fifth space is part of the south adjacent property

Lennar Partners
Control No 3704

Survey results are summarized in this section Detailed data are presented in Appendix G

Scope of Services

Inspection

A visual inspection and limited sampling survey was conducted in general accordance with EPA AHERA guidelines to determine the presence of suspect asbestos-containing building materials (ACBM) which were friable, damaged or were in violation of applicable law and which were accessible and/or exposed at the time of the site visit

Survey Methodology

Insoection Procedures

The asbestos survey was performed by Mr Mt Pleasant, an EPA accredited inspector A building walkthrough was conducted to determine the presence of suspect materials which were accessible and/or exposed Materials which were similar in general appearance were grouped into homogeneous areas

Sampling Procedures

Following the walkthrough, the inspector classified homogeneous materials as surfacing, miscellaneous or thermal system insulation materials and collected samples of selected materials identified as suspect ACBM, in accordance with EPA AHERA guidelines Sampling was limited to those materials which were accessible and did not involve destruction of walls, other building elements, physical barriers, or the structural integrity of the item being tested..

EPA guidelines were used to determine the sampling protocol Sampling locations were chosen to be representative of the homogeneous sampling area While an effort was made to collect samples randomly, samples were taken preferentially from already damaged areas or areas which were the least visible to minimize disturbance of the material It should be noted, however, that at the client's request a maximum of 10 samples were collected

Lennar Partners
Control No 3704

Sampling was performed in areas not normally occupied or during nonworking hours to minimize interference with building occupants After each sample was extracted, a spray encapsulant and/or tape covering was applied to the sampled area to prevent potential fiber release The tape covering bears a number identifying the sample

Laboratory Methodology

Method of Analysis

The collected samples were analyzed by Polarized Light Microscopy Samples were visually observed and microscopically examined The samples were mounted on slides and analyzed for asbestos (chrysotile, amosite, crocidolite, anthophylilite, and actinoliteltremolite) and fibrous nonasbestos constituents (mineral, wool, paper, etc) Asbestos was identified by refractive indices, morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation

The microscopist visually estimated relative amounts of each constituent by determining the volume of each constituent in proportion to the total volume of the sample, using a stereoscope

Laboratory results report the percentage of asbestos present in each sample analyzed and are presented in the Appendix Samples which contain more than one percent asbestos are classified by the EPA as "asbestos-containing" and are subject to EPA regulations

Laboratory Quality Control Program

PSI laboratories maintain an in-house quality control program which consists of blind reanalysis of ten percent of all samples, precision and accuracy controls, and use of standard bulk reference materials..

Results

The limited asbestos survey revealed that the mudded joints on fiberglass in the Schenectady Visiting Nurse's Association electric load room (3 joints) contained asbestos ('72%Chrysotile). Similarly, the 9"x9" brown floor tiles contained asbestos (2% Chrysotile) These floor tiles were located in the vacant midsouth space and comprised an area of 8,300 squarefeet. 'The analyticai results for the samples are contained in Appendix G.

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Control No 3704

6.0 FINDINGS AND CONCLUSIONS

6.1 PHASE I ESA

We have performed a Phase I Environmental Site Assessment on the subject site in general conformance with the scope and limitations of the protocol and the limitations stated earlier in this report Exceptions to or deletions from this protocol are discussed earlier in this report This assessment has revealed evidence of a recognized environmental concern in connection with the subject site, which is identified as the following:

The Phase I ESA indicated the following on-site environmental conditions:

- The M&P Lab - The M&P Lab is a **RCRA** Small Generator A walk-through of this space showed the presence of various chemicals and drums Stored chemicals awaiting disposal were observed in the Storage Room The overall appearance of this facility is good No records of violations were reported by the **DEC**

- Asbestos-Containino Materials - Mudded joints on fiberglass in the electric load room of the Schenectady Visiting Nurse's Association and 9"x9" brown floor tiles in the vacant space were determined to be asbestos-containing materials The floor tiles in the vacant space are "popping" from the floor A majority of the 8,300 square feet of tiles have become unadhered due to suspected water damage Although the tiles are non-friable in their undamaged condition, they are a potential exposure concern for this space

  Three mudded joints were observed to be friable and exposed in the electric load room One of these joints was damaged, however it was located approximately 15 feet above the floor

The Phase I ESA has also identified the following off-site concerns:

- The Hess Gas Station - The Hess gas station located at the intersection of Nott Street and Maxon Road is approximately 200 feet south of the subject site A previous UST removal was performed and contamination was indicated No further information was available from the **DEC** at the time of the report However, a contact date for file review has been set by the **DEC** for September **16,** 1994 PSI will review the records for this facility as soon as the DEC grants access An addendum summarizing this review in the form of a letter will be forwarded to the client

- Other Off-Site Facilities -- Several other sites located greater than one-quarter mile from the subject site including State Priority List and LUST facilities were indicated as potential concerns PSI will also access these files to review pertinent information This information will be incorporated into the letter concerning the Hess Gas Station,,

6.2 RECOMMENDATIONS

- The M&P Lab - It is recommended that the removal of the chemicals in the Storage Room be effected A file review at the appropriate agency will be performed to determine any violations with the M&P Lab

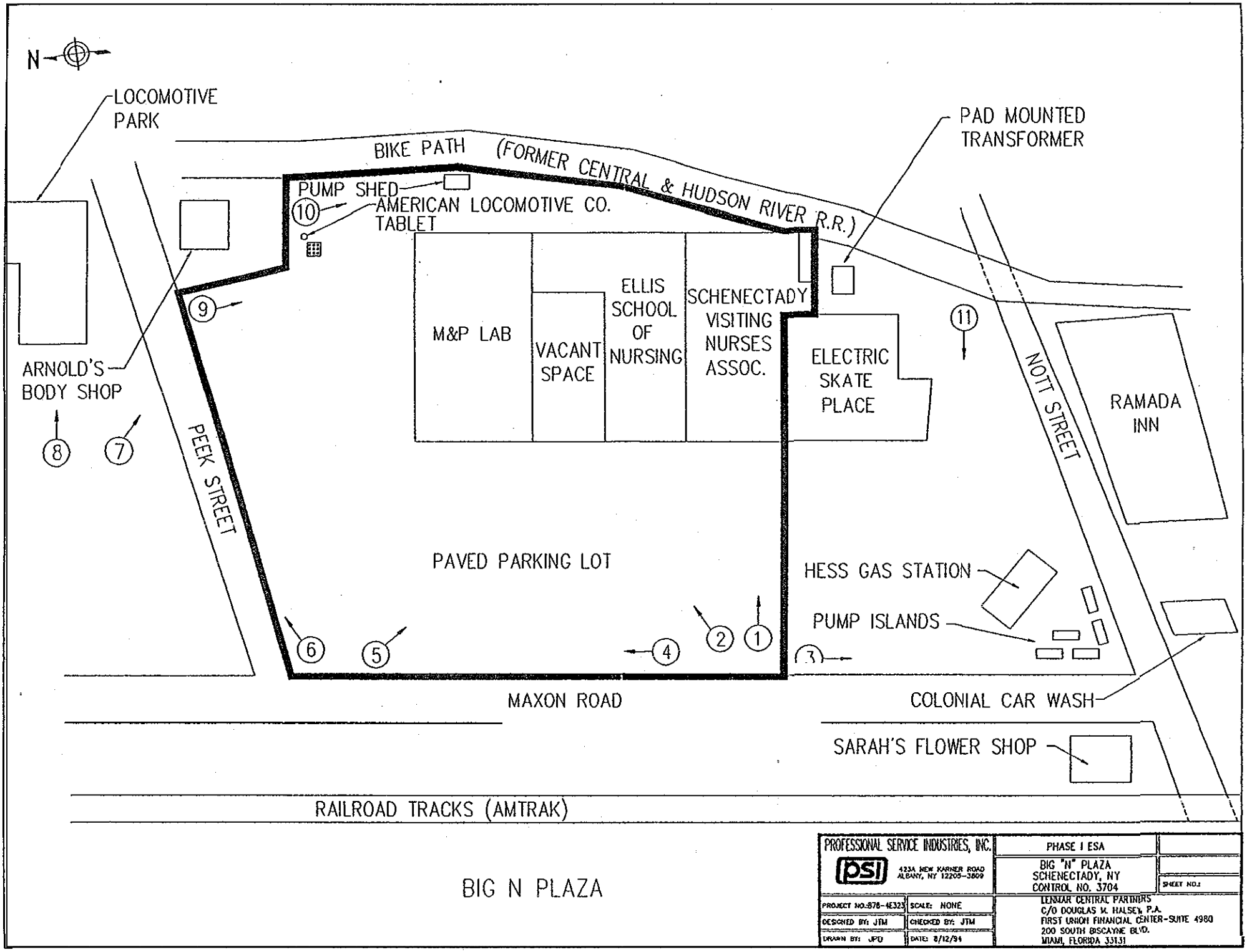
- Asbestos-Containino Materials - It is recommended that access be limited to the mudded joints on fiberglass and the floor tiles to minimize disturbance of the materials The removal of the floor tiles should be performed prior to any occupancy of this vacant space The cost for removal of the 8,300 square feet of floor tile is estimated to be $30-40,000 The cost to design and monitor the removal would vary depending on the contractor's schedule ,

- Hess Gas Station - PSI will access files for review and a discussion of this Hess gas station file review findings will be forwarded to the client

- Other Off-Site Facilities - PSI will access files for review and a discussion of findings garnered from these file reviews will be forwarded to the client.

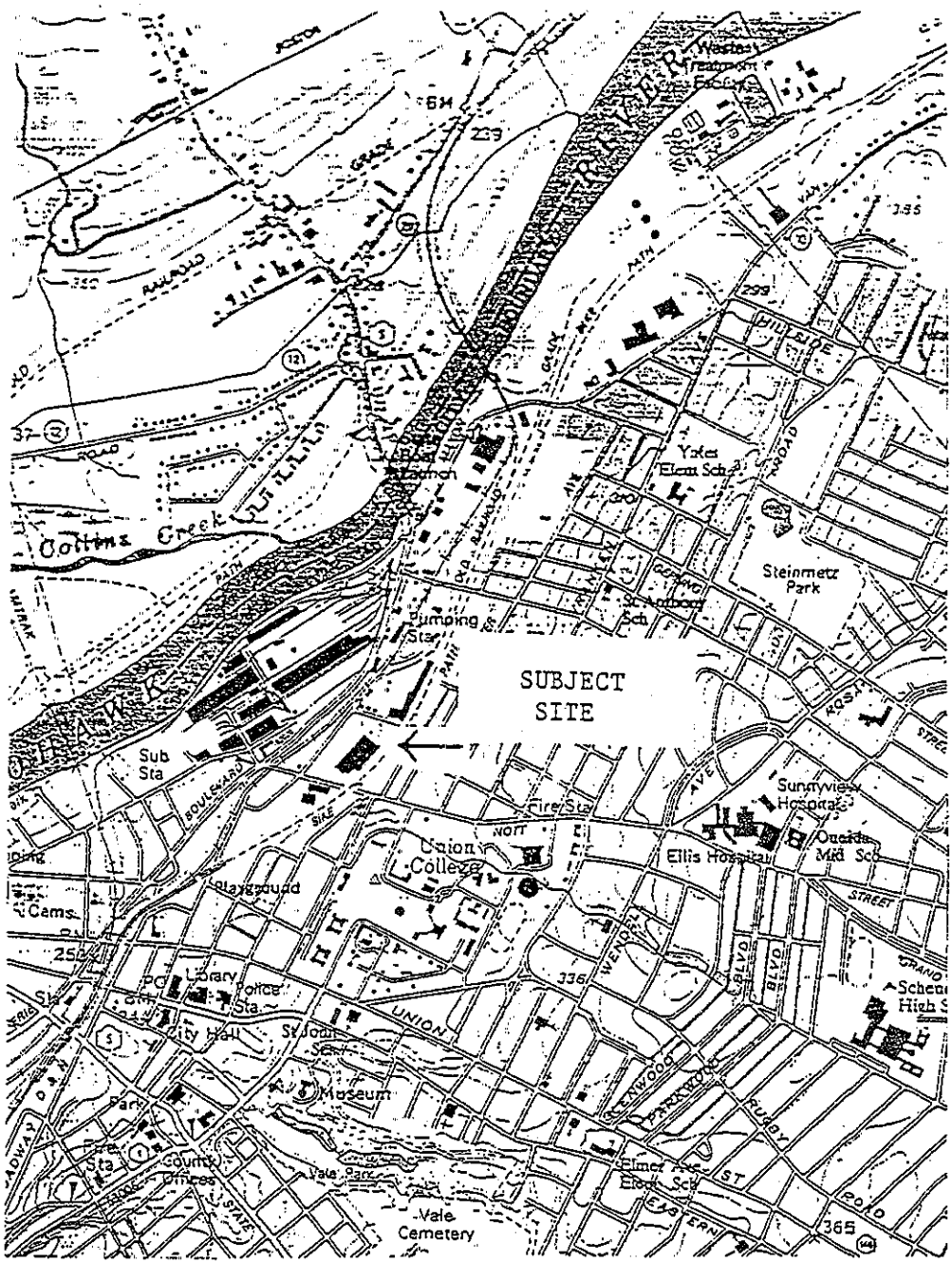
APPENDIX A

MAPS



BIG N PLAZA

PROFESSIONAL SERVICE INDUSTRIES, INC. PSI 423A NEW KARNER ROAD ALBANY, NY 12205-3809		PHASE I ESA	
		BIG "N" PLAZA SCHENECTADY, NY CONTROL NO. 3704	SHEET NO.:
PROJECT NO.: 878-4E323	SCALE: NONE	LENNAR CENTRAL PARTNERS C/O DOUGLAS M. HALSEY, P.A. FIRST UNION FINANCIAL CENTER-SUITE 4980 200 SOUTH BISCAYNE BLVD. MIAMI, FLORIDA 33131	
DESIGNED BY: JTM	CHECKED BY: JTM		
DRAWN BY: JPD	DATE: 8/12/94		



SCHENECTADY QUADRANGLE
NEW YORK
7 5 MINUTE SERIES

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION

SITE ASSESSMENT REPORT

PROPERTY INFORMATION	CLIENT INFORMATION
Project Name/Ref #: BIGNPLAZA\BEST FORMER BIG N PLAZA 1529 MAXON RD **SCHENECTADY**, NY 12308 **Cross** Street: NOTT ST Latitude/Longitude: (42.822028. 73.932697)	J. MT. PLEASANT PSI-ALBANY 423 ANEW KARNER RD ALBANY, NY 12205

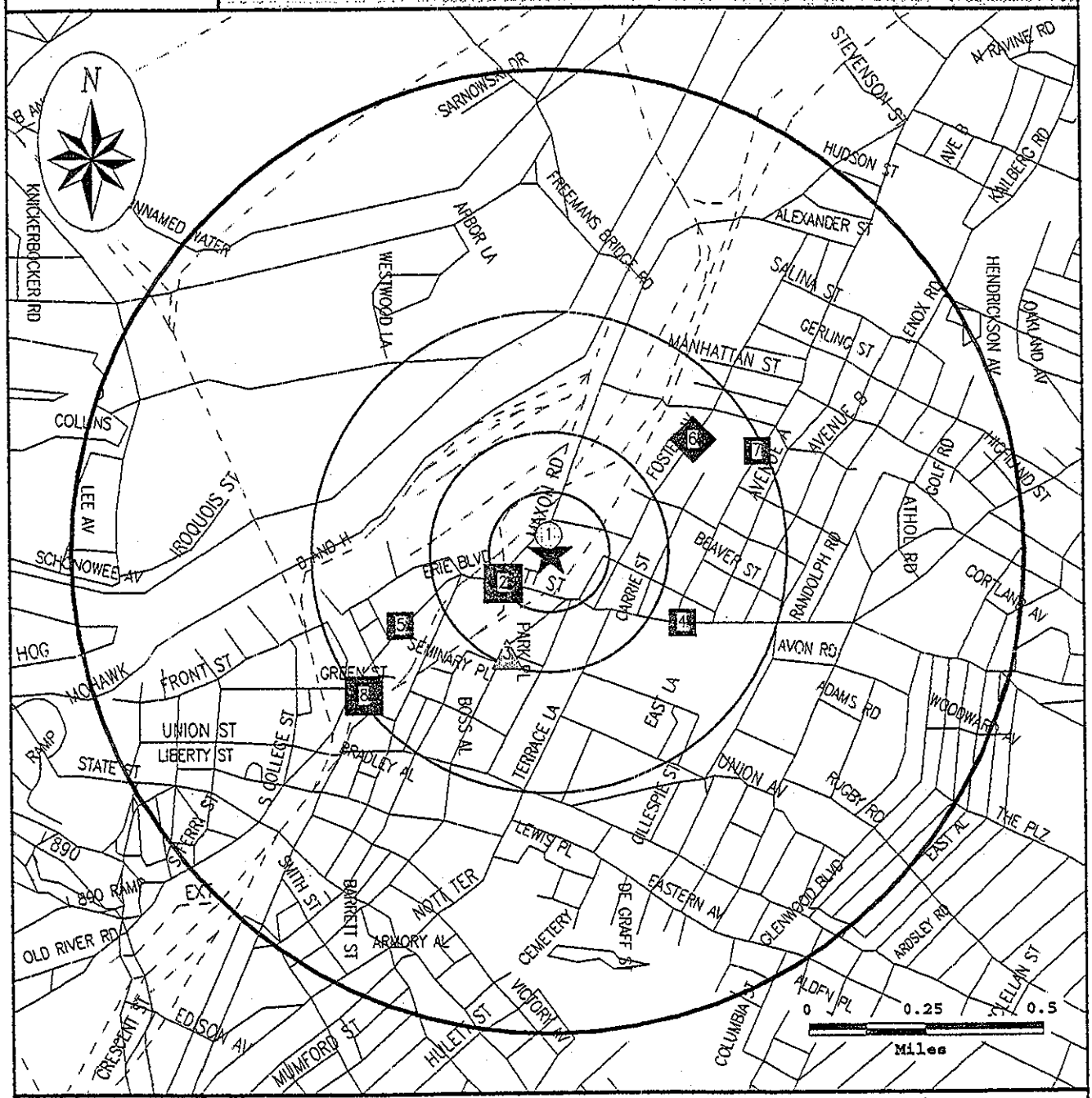
Environmental Risk Distribution Summary Agency / Database - Type of Records			*within 1/8 mile*	*1/8 to 1/4 mile*	*1/4 to 1/2 mile*	*1/2 to 1 mile*
A) RISK SITES searched to 1 mile:						
US EPA	NPL	Sites designated for Superfund Cleanup by the US EPA	0	0	0	0
STATE	SPL	Sites Prioritized by State for Cleanup	0	0	1	0
STATE	SCL	Sites Under Review by State	N/A	N/A	N/A	N/A
US EPA	RCRIS	Facilities That Treat, Store and/or Dispose of Haz Waste	0	0	0	0
B) RISK SITES searched to 1/2 mile:						
US EPA	CERCLIS	Sites under Review by US EPA	0	0	1	-
STATE	LUST	Sites with Leaking UnderGround Storage Tanks	1	1	6	-
STATE	SWLF	Sites permitted as Solid Waste Landfills, Incinerators, or Transfer stations	0	0	0	-
C) RISK SITES searched to 1/4 mile:						
STATE	UST	Sites with Registered Underground Storage Tanks	1	1	-	-
D) RISK SITES searched to 1/8 mile:						
US EPA	ERNS	Sites With Previous Hazardous Materials Spills	0	-	-	-
US EPA	RCRIS	Sites that Generate Large Quantities of Haz Waste	1	-	-	-
US EPA	RCRIS	Sites that Generate Small Quantities of Haz Waste	4	-	-	-

This geographic database search meets the American Society for Testing Materials (ASTM) standards for a government records review. A (-) indicates the search distance exceeds ASTM search parameters.

APPENDIX B
REGULATORY DOCUMENTATION

SITE ASSESSMENT REPORT

Map of Risks Within One Mile



Subject Site	Category:	A	B	C	D
★	Databases Searched to:	1 mi.	1/2 mi.	1/4 mi.	1/8 mi.
	Single Sites	◆	■	▲	○
	Multiple Sites	◆	■	▲	○
		NPL, SPL, SCL, TSD	CERCLIS, LUST, SWLF	UST	ERNS, GENERATORS

Roads
Highways
Railroads
Rivers or Water Bodies
Utilities

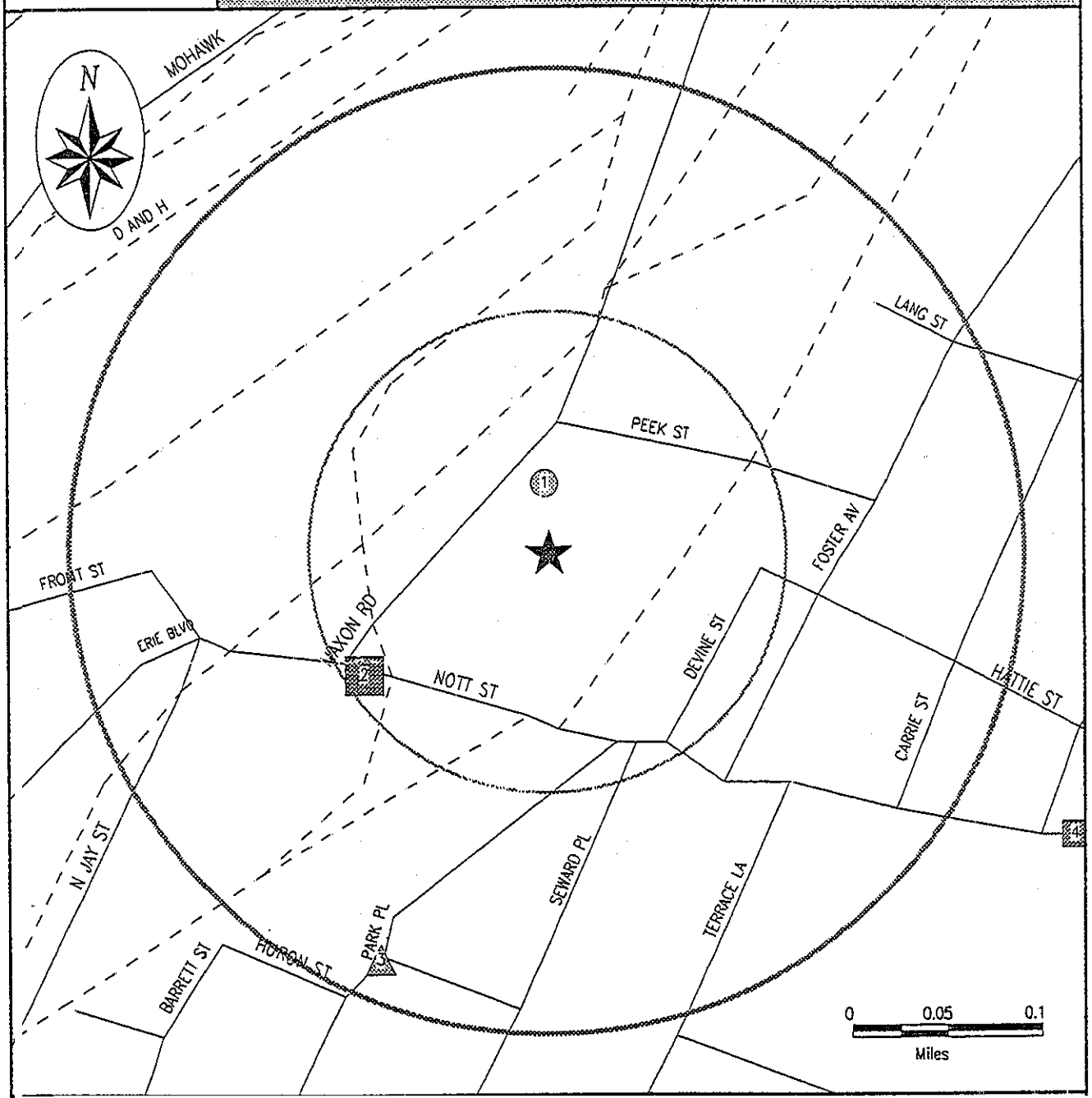
For More Information Call VISTA Environmental Information at 1 - 800 - 767 - 0403

Report ID: 050072-001

Date of Report: August 01, 1994

SITE ASSESSMENT REPORT

Map of Risks Within Quarter Mile



Category:	A	B	C	D
Databases Searched to:	1 mi	1/2 mi	1/4 mi.	1/8 mi.
Single Sites	◆	□	△	&
Multiple Sites	◆	■	▲	&
	NPL. SPL, SCL, TSD	CERCLIS, LUST, SWLF	UST	ERNS. GENERATORS

Subject Site ★

Roads
Highways
Railroads
Rivers or Water Bodies
Utilities

SITE ASSESSMENT REPORT

Street Map

SWLF
SRC#: 1332

VISIA conducts a database search to identify all sites within 1/2 mile of your property
Ihe agency release date for Recycler's Listing was April, 1993

Ihe New York Department of Environmental Conservation, Bureau of Municipal Waste maintains an inventory of the solid waste facilities in the state

SWLF
SRC#: 1333

VISIA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Incinerators-Resource Recovery Projects was January, 1993

Ihe New York Department of Environmental Conservation, Bureau of Waste Management maintains an inventory of the solid waste facilities in the state

C) DATABASES SEARCHED TO 1/4 MILE

AST's
SRC#: 1667

VISIA conducts a database search to identify all sites within 1/4 mile of your property
Ihe agency release date for Aboveground Storage Tanks was January, 1994

Ihe New York Department of Environmental Conservation, Petroleum Bulk Storage Program maintains an inventory of aboveground storage tanks

UST's
SRC#: 166'7

VISIA conducts a database search to identify all sites within 114 mile of your property
Ihe agency release date for Underground Storage Tank Database was January, 1994

Ihe New York Department of Environmental Conservation, Petroleum Bulk Storage Program maintains an inventory of registered aboveground storage tanks (aboveground tanks are reported when included on this list),

D) DATABASES SEARCHED TO 1/8 MILE

ERNS
SRCX: **1428**

VISIA conducts a database search to identify all sites within 118 mile of your property
The agency release date for ERNS was September, 1993

The Emergency Response Notification System (ERNS) is a national database used to collect information on reported releases of oil and hazardous substances. Tl da tat contains orn at from spill reports made to federal authorities including the EPA, the US Coast Guard, the National Response Center and the Department of transportation A search of the database records for the period October 1986 through September 1993 revealed the following information regarding reported spills of oil or hazardous substances in the stated area

RCRA-LgGen
SRC#: 1372

VISIA conducts a database search to identify all sites within 118 mile of your property
Ihe agency release date for RCRIS was July, 1993

Ihe EPA's Resource Conservation and Recovery Act (RCRA) Program identities and tracks hazardous waste from the point of generation to the point of disposal The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste RCRA Large Generators are facilities which generate at least 1000 kg /month of non-acutely hazardous waste (or 1 kglmonth of acutely hazardous waste)

RCRA-SmGen
SRC#: 1372

VISIA conducts a database search to identify all sites within 118 mile of your property
Ihe agency release date for RCRIS was July, 1993

Ihe EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Small and Very Small generators are facilities which generate less than 1000 kg /month of non-acutely hazardous waste.

SITE ASSESSMENT REPORT

RISK INVENTORY

MAP ID	RISK AT SITE AND THE ADJACENT AREA (within 1/8 mile)	A				B			C	D			NOTES
		NPL	SPL	SCL	TSD	CERCLIS	LUST	SWLF	UST	ERNS	LG GEN	SM GEN	VISTA ID
1	SCHENECTADY MATERIALS PROCESSES LA 1520 MAXON RD SCHENECTADY, NY 12308											X	3696646
2	NORTHEAST ANALYTICAL INC 301 NOTT ST SCHENECTADY, NY 12305										X		292386
2	VEC TEC INC 301 NOTT ST SCHENECTADY, NY 12305											X	1270469
2	S T S STEEL INC 1301 NOTT ST **BLDG** 304 SCHENECTADY, NY 12305											X	3506464
2	SCHENECTADY INDUSTRIAL CORP 301 NOTT ST ADJ TO BLDG 324 SCHENECTADY, NY 12305											X	4120358
2	HESS NOTT MAXON NOTT ST. MAXON RD SCHENECTADY, NY						X						27271.59
2	HESS STATION 32211 NOTT ST MAXON RD SCHNECTADY, NY 12308								X				749931

MAP ID	RISK AT SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)	A				B			C	D			NOTES
		NPL	SPL	SCL	TSD	CERCLIS	LUST	SWLF	UST	ERNS	LG GEN	SM GEN	VISTA ID
2	SFD 450 NOTT S I SCHENECTADY, NY 12308						X						2728080
3	MAIN BROTHERS OIL CO INC BULK 209 PARK PLACE SCHENECTADY, NY 12305								X				747431

MAP ID	RISK AT SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)	A				B			C	D			NOTES
		NPL	SPL	SCL	TSD	CERCLIS	LUST	SWLF	UST	ERNS	LG GEN	SM GEN	VISTA ID
4	ATLANTIC REFINING MARKETING 717 NOTT ST SCHENECTADY, NY 12308						X						742481
5	RAINBOW CARWASH ERIE BLVD 1421 ERIE BLVD SCHENECTADY, NY 12305						X						4255266

MAP ID	RISK AT SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)	A				B			C	D			NOTES
		NPL	SPL	SCL	TSD	CERCLIS	LUST	SWLF	UST	ERNS	LG GEN	SM GEN	VISTA ID
6	BUREAU SERVICE CITY OF SCHENEC 1731 FOSTER AVENUE SCHENECTADY, NY 12308						X						774833
6	J G D PLATING INC 1776 FOSTER AVE SCHENECTADY, NY 12308		X			X							217563
7	RED KAP SALES 1757 VAN VRANKEN AVE SCHENECTADY, NY 12308						X						1349421
8	WAYAND RES PINE ST 12 PINE ST. SCOTIA, NY 12302						X						2494329
8	AUTOCRAFT SALES (ERIE BLVD PT) 1100 ERIE BLVD SCHENECTADY, NY 12305						X						772244

MAP ID	RISK AT SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)	A				B			C	D			NOTES
		NPL	SPL	SCL	TSD	CERCLIS	LUST	SWLF	UST	ERNS	LG GEN	SM GEN	VISTA ID
No Records Found													

UNMAPPED SITES	A				B			C	D			NOTES
	NPL	SPL	SCL	TSD	CERCLIS	LUST	SWLF	UST	ERNS	LG GEN	SM GEN	VISTA ID
NIAGARA MOHAWK/CREW LOCATION SENECA ST SCHENECTADY, NY 12301					X							296723
HESS - NORTH MAXON RD NORTH MAXON RD SCHENECTADY, NY						X						4120111
JOJO'S UNION ST UNION ST. SCHENECTADY, NY						X						2738491
WELLS CITGO STATION WELLS CITGO STATION SCOTIA, NY 12302						X						2739558
LADDS ERIE BLVD ERIE BLVD SCHENECTADY C, NY						X						4117107
CONDEISEL MOBILE EQUIPT CON DEISEL SCHENECTADY, NY						X						2715782
MONTGOMERY WARD AUTO CENT MOHAWK MALL NISKAYUNA, NY 12309						X						2725031
PAGE ELEMENTARY SCHENECTADY, NY						X						4110530

UNMAPPED SITES	A					B		C	D			NOTES
	NPL	SPL	SCL	TSD	CERCLIS	LUST	SWLF	UST	ERNS	LG GEN	SM GEN	VISTA ID
VAN LADD SERV STATION ERIE BLVD SCHENECTADY, NY						X						2718436
ANGELO PEDOME , NY							X					2488848
KAPL SLF , NY							X					3502388
SCHENECTADY SLUDGE COMP , NY							X					2489183
KRUGER RECYCLING INC ALBANY, NY							X					3998566
SCHENECTADY TREE BR(C) CITY HALL SCHENECTADY, NY 12305							X					2491847
MAXON ROAD PLANT #66 MAXON ROAD SCHENECTADY, NY 12308								X				745869
SENECA STREET SERVICE CENTER SENECA STREET SCHENECTADY, NY 12308								X				4595110
CALLANAN MAXON ROAD SHOP MAXON ROAD SCHENECTADY, NY 12308										X		66244
POWER TECHNOLOGIES INC CNR OF NOTT ST FRONT ST SCHENECTADY, NY 12306											X	2492279

SITE ASSESSMENT REPORT

RISKS DETAILS

RISK AT SITE AND THE ADJACENT AREA (within 1/8 mile)			
Property Address with VISTA Verified\Enhanced City and Zip:	SCHENECTADY MATERIALS PROCES 1520 MAXON RD SCHENECTADY, NY 12308	Map ID#: VISTA ID#: Distance/Direction:	1 3696646 N/A
DETAILS REGARDING:	RCRA-SmGen / SRC# 1372	EPA ID	NYD986975761
Agency Address:	SCHENECTADY MATERIALS PROCESSES LA 1520 MAXON RD SCHENECTADY,NY 12301		
Generator Class:	GENERATORS WHO GENERATE LESS THAN 100 KG MONTH OF NON-ACUTELY HAZARDOUS WASTE.		
Generator Reauirements Violation:	NO		
Violation of Corrective Action Scheduled:	NO		
Land Requirements Violation:	NO		

Property Address with VISTA Verified\Enhanced City and Zip:	NORTHEAST ANALYTICAL INC 301 NOTT ST SCHENECTADY, NY 12305	Map ID#: VISTA ID#: Distance/Direction:	2 292386 0.10MI / SW
DETAILS REGARDING:	RCRA-LgGen / SRC# 1372	EPA ID	NYD982740243
Agency Address:	SAME AS ABOVE		
Generator Class:	GENERATORS WHO GENERATE AT LEAST 1000 KG /MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG./MONTH OF ACUTELY HAZARDOUS WASTE.		
Generator Requirements Violation:	NO		
Violation of corrective Action Scheduled:	NO		
Land Requirements Violation:	NO		

Property Address with VISTA Verified\Enhanced City and Zip:	VEC TEC INC 301 NOTT ST SCHENECTADY, NY 12305	Map ID#: VISTA ID#: Distance/Direction:	2 1270469 0.10MI / SW
DETAILS REGARDING:	RCRA-SmGen / SRC# 1372	EPA ID	NYD982795510
Agency Address:	SAME AS ABOVE		
Generator Class:	GENERATORS WHO GENERATE 100 KG./MONTH BUT LESS THAN 1000 KG./MONTH OF NON-ACUTELY HAZARDOUS WASIE		
Generator Requirements Violation:	NO		
Violation of Corrective Action Scheduled: .	NO		
Land Requirements Violation:	NO		

RISK AT SITE AND THE ADJACENT AREA (within 1/8 mile) CONT.			
Property Address with (VISTA Verified\Enhanced City and Zip:	S T S STEEL INC 301 NOTT ST BLDG 304 SCHENECTADY, NY 12305	Map ID#: VISTA ID#: Distance/Direction:	2 3506464 0.11MI / SW
DETAILS REGARDING:	RCRA-SmGen / SRC# 1372	EPA ID	NYD987008216
Agency Address:	SAME AS ABOVE		
Generator Class:	GENERATORS WHO GENERATE 100 KG./MONTH BUT LESS THAN 1000 KG./MONTH OF NON-ACUTELY HAZARDOUS WASTE		
Generator Requirement? Violation:	NO		
Violation of Corrective Action Scheduled:	NO		
Land Requirements Violation:	NO		

Property Address with VISTA Verified\Enhanced City and Zip:	SCHENECTADY INDUSTRIAL CORP 301 NOTT ST ADJ TO BLDG 324 SCHENECTADY, NY 12305	Map ID#: VISTA ID#: Distance/Direction:	2 4120358 0.11MI / SW
DETAILS REGARDING:	RCRA-SmGen / SRC# 1372	EPA ID	NYD987031366
Agency Address:	SAME AS ABOVE		
Generator Class:	GENERATORS WHO GENERATE 100 KG./MONTH BUT LESS THAN 1000 KG./MONTH OF NON-ACUTELY HAZARDOUS WASTE		
Generator Requirements Violation:	NO		
Violation of Corrective Action Scheduled:	NO		
Land Requirements Violation:	NO		

Property Address with VISTA Verified\Enhanced City and Zip:	HESS NOTT MAXON NOTT ST. MAXON RD SCHENECTADY, NY	Map ID#: VISTA ID#: Distance/Direction:	2 2727159 0.12MI / W
DETAILS REGARDING:	LUST / SRC# 1515	Agency ID	8803372
Agency Address:	SAME AS ABOVE		
Tank Status:	NOT REPORTED		
Discovery Date:	JULY 18, 1988		
Media Affected:	NOT REPORTED		
Substance:	GASOLINE (UNSPECIFIED)		
Quantity (Units):	NOT REPORTED		
Leak Cause:	UNDERGROUND TANK LEAK		
Leak Source:	FIXED FACILITY		
Remedial Action:	NOT REPORTED		
Remedial Status 1:	CLEANUP IN PROGRESS		
Remedial Status 2:	NOT REPORTED		

Property Address with VISTA Verified\Enhanced City and Zip:	HESS STATION 32211 NOTT ST MAXON RD SCHNECTADY, NY 12308	Map ID#: VISTA ID#: Distance/Direction:	2 749931 0.12MI / W
DETAILS REGARDING:	UST / SRC# 1667	Agency ID	4-163686
Agency Address:	SAME AS ABOVE		
Underground Tanks:	7		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		

RISK AT SITE AND THE ADJACENT AREA (within 1/8 mile) CONT.			
Property Address with VISTA Verified\Enhanced City and Zip:	HESS STATION 32211 NOTT ST MAXON RD SCHNECTADY, NY 12308	Map ID#: VISTA ID#: Distance/Direction:	2 749931 0.12MI / W
DETAILS REGARDING:	UST / SRC# 1667	Agency ID	4-163686
Agency Address:	SAME AS ABOVE		
Tank ID:	7		
Tank Contents:	UNLEADED GAS		
Tank Age:	NOT REPORTED		
Tank Size (Units):	10000 (GALLONS)		
Tank Status:	ACTIVE/IN SERVICE		
Leak Monitoring:	MONITOR PRESENT		
Tank Piping:	FIBERGLASS		
Tank Material:	FIBERGLASS		
DETAILS REGARDING:	UST / SRC# 1667	Agency ID	4-163686
Agency Address:	SAME AS ABOVE		
Tank ID:	6		
Tank Contents:	UNLEADED GAS		
Tank Age:	NOT REPORTED		
Tank Size (Units):	10000 (GALLONS)		
Tank Status:	ACTIVE/IN SERVICE		
Leak Monitoring:	MONITOR PRESENT		
Tank Piping:	FIBERGLASS		
Tank Material:	FIBERGLASS		
DETAILS REGARDING:	UST / SRC# 1667	Agency ID	4-163686
Agency Address:	SAME AS ABOVE		
Tank ID:	5		
Tank Contents:	UNLEADED GAS		
Tank Age:	NOT REPORTED		
Tank Size (Units):	10000 (GALLONS)		
Tank Status:	ACTIVE/IN SERVICE		
Leak Monitoring:	MONITOR PRESENT		
Tank Piping:	FIBERGLASS		
Tank Material:	FIBERGLASS		
DETAILS REGARDING:	UST / SRC# 1667	Agency ID	4-163686
Agency Address:	SAME AS ABOVE		
Tank ID:	4		
Tank Contents:	UNLEADED GAS		
Tank Age:	NOT REPORTED		
Tank Size (Units):	4000 (GALLONS)		
Tank Status:	INTERIM REMOVAL		
Leak Monitoring:	NO MONITOR		
Tank Piping:	GALVANIZED STEEL		
Tank Material:	BARE STEEL		
DETAILS REGARDING:	UST / SRC# 1667	Agency ID	4-163686
Agency Address:	SAME AS ABOVE		
Tank ID:	3		
Tank Contents:	LEADED GAS		
Tank Age:	NOT REPORTED		
Tank Size (Units):	4000 (GALLONS)		
Tank Status:	INTERIM REMOVAL		
Leak Monitoring:	NO MONITOR		
Tank Piping:	NOT REPORTED		
Tank Material:	BARE STEEL		

RISK AT SITE AND THE ADJACENT AREA (within 1/8 mile) CONT.			
Property Address with VISTA Verified\Enhanced City and Zip:	HESS STATION 32211 NOTT ST MAXON RD SCHNECTADY, NY 12308	Map ID#: VISTA ID#: Distance/Direction:	2 749931 0.12MI / W
DETAILS REGARDING:	UST / SRC# 1667	Agency ID	4-163686
Agency Address:	SAME AS ABOVE		
Tank ID:	2		
Tank Contents:	LEADED GAS		
Tank Age:	NOT REPORTED		
Tank Size (Units):	4000 (GALLONS)		
Tank Status:	INTERIM REMOVAL		
Leak Monitoring:	NO MONITOR		
Tank Piping:	GALVANIZED STEEL		
Tank Material.	BARE STEEL		
DETAILS REGARDING:	UST / SRC# 1667	Agency ID	4-163686
Agency Address	SAME AS ABOVE		
Tank ID	1		
Tank Contents	UNLEADED GAS		
Tank Age:	NOT REPORTED		
Tank Size (Units):	10000 (GALLONS)		
Tank Status:	INTERIM REMOVAL		
Leak Monitoring:	NO MONITOR		
Tank Piping:	GALVANIZED STEEL		
Tank Material:	BARE STEEL		

RISK AT SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)			
Property Address with VISTA Verified\Enhanced City and Zip:	SFD 450 NOTT ST SCHENECTADY, NY 12308	Map ID#: VISTA ID#: Distance/Direction:	2 2728080 0.13MI / W
DETAILS REGARDING:	LUST / SRC# 1515	Agency ID	8707637
Agency Address:	SFD 450 NOTT ST SCHENECTADY, NY		
Tank Status	NOT REPORTED		
Discovery Date	SEPTEMBER 27,1987		
Media Affected	NOT REPORTED		
Substance	GASOLINE (UNSPECIFIED)		
Quantity (Units)	1 000000 (GALLONS)		
Leak Cause	UNDERGROUND TANK LEAK		
Leak Source	CAR		
Remedial Action:	NOT REPORTED		
Remedial Status 1	CASE CLOSED		
Remedial Status 2	NOT REPORTED		

Property Address with VISTA Verified\Enhanced City and Zip:	MAIN BROTHERS OIL CO INC BULK 209 PARK PLACE SCHENECTADY, NY 12305	Map ID#: VISTA ID#: Distance/Direction:	3 747431 0.23MI / SW
DETAILS REGARDING:	UST / SRC# 1667	Agency ID	4-162450
Agency Address:	SAME AS ABOVE		
Underground Tanks	2		
Aboveground Tanks	3		
Tanks Removed	NOT REPORTED		

RISK AT SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.			
Property Address with VISTA Verified\Enhanced City and Zip:	MAIN BROTHERS OIL CO INC BULK 209 PARK PLACE SCHENECTADY, NY 12305	Map ID#: VISTA ID#: Distance/Direction:	3 747431 0.23MI / SW
DETAILS REGARDING:	UST / SRC# 1667	Agency ID	4-162450
Agency Address:	SAME AS ABOVE		
Tank ID:	5		
Tank Contents:	FUEL OIL		
Tank Age:	NOT REPORTED		
Tank Size(Units):	30000 (GALLONS)		
Tank Status:	ACTIVE/IN SERVICE		
Leak Monitoring:	NO MONITOR		
Tank Piping:	GALVANIZED STEEL		
Tank Material:	BARE STEEL		
DETAILS REGARDING:	UST / SRC# 1667	Agency ID	4-162450
Agency Address:	SAME AS ABOVE		
Tank ID:	4		
Tank Contents:	FUEL OIL		
Tank Age:	NOT REPORTED		
Tank Sue (Units):	30000 (GALLONS)		
Tank Status:	ACTIVE/IN SERVICE		
Leak Monitoring:	(NOMONITOR		
Tank Piping:	GALVANIZED STEEL		
Tank Material:	BARE STEEL		
DETAILS REGARDING:	UST / SRC# 1667	Agency ID	4-162450
Agency Address:	SAME AS ABOVE		
Tank ID:	3		
Tank Contents:	FUEL OIL		
Tank Age:	NOT REPORTED		
Tank Size (Units):	30000 (GALLONS)		
Tank Status:	ACTIVE/IN SERVICE		
Leak Monitoring:	NO MONITOR		
Tank Piping:	GALVANIZED STEEL		
Tank Material:	BARE STEEL		
DETAILS REGARDING:	UST / SRC# 1667	Agency ID	4-162450
Agency Address:	SAME AS ABOVE		
Tank ID:	2		
Tank Contents:	DIESEL		
Tank Age:	NOT REPORTED		
Tank Size (Units):	1000 (GALLONS)		
Tank Status:	INTERIM REMOVAL		
Leak Monitoring:	NO MONITOR		
Tank Piping:	GALVANIZED STEEL		
Tank Material:	BARE STEEL		
DETAILS REGARDING:	UST / SRC# 1667	Agency W	4-162450
Agency Address:	SAME AS ABOVE		
Tank ID:	1		
Tank Co... ts:	UNLEADED AS		
Tank Age:	NOT REPORTED		
Tank Size (Units):	1000 (GALLONS)		
Tank Status:	CONVERTED TO UNREGI ATED		
Leak Monitoring:	O MONITOR		
Tank Piping:	LVANIZED STEEL		
Tank Material:	B E STEEL		

RISK AT SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)			
Property Address with VISTA Verified\Enhanced City and Zip:	ATLANTIC REFINING MARKETING 717 NOTT ST SCHENECTADY, NY 12308	Map ID#: VISTA ID#: Distance/Direction:	4 742481 0.31MI / E
DETAILS REGARDING:	LUST / SRC# 1515	Agency ID	9010561
Agency Address:	SAME AS ABOVE		
Tank Status:	NOT REPORTED		
Discovery Date	DECEMBER 28,1990		
Media Affected	NOT REPORTED		
Substance:	GASOLINE (UNSPECIFIED)		
Quantity (Units):	NOT REPORTED		
Leak Cause:	UNDERGROUND TANK LEAK		
Leak Source.	FIXED FACILITY		
Remedial Action:	NOT REPORTED		
Remedial Status 1:	CLEANUP IN PROGRESS		
Remedial Status 2:	NOT REPORTED		

Property Address with VISTA Verified\Enhanced City and Zip:	RAINBOW CARWASH ERIE BLVD 1421 ERIE BLVD SCHENECTADY, NY 12305	Map ID#: VISTA ID#: Distance/Direction:	5 4255266 0.35MI / W
DETAILS REGARDING:	LUST / SRC# 1515	Agency ID	9305348
Agency Address:	RAINBOW CARWASH ERIE BLVD 1421 ERIE BLVD SCHENECTADY, NY		
Tank Status:	NOT REPORTED		
Discovery Date:	JULY 30. 1993.		
Media Affected:	NOT REPORTED		
Substance:	GASOLINE (UNSPECIFIED)		
Quantity (Units):	NOT REPORTED		
Leak Cause:	UNDERGROUND TANK LEAK		
Leak Source:	COMMERCIAL. INDUSTRY		
Remedial Action:	NOT REPORTED		
Remedial Status 1:	CLEANUP IN PROGRESS		
Remedial Status 2:	NOT REPORTED		

Property Address with VISTA Verified\Enhanced City and Zip:	BUREAU SERVICE CITY OF SCHENEC 1731 FOSTER AVENUE SCHENECTADY, NY 12308	Map ID#: VISTA ID#: Distance/Direction:	6 774833 0.35MI / NE
DETAILS REGARDING:	LUST / SRC# 1515	Agency ID	9301972
Agency Address:	SAME AS ABOVE		
Tank Status:	NOT REPORTED		
Discovery Date:	MAY 12, 1993		
Media Affected:	NOT REPORTED		
Substance:	DIESEL		
Quantity (Units):	NOT REPORTED		
Leak Cause:	UNDERGROUND TANK LEAK		
Leak S o ~	NON-COMMERCIAL INDUSTRY		
Remedial Action:	NOT REPORTED		
Remedial Status 1:	CLEANUP IN PROGRESS		
Remedial Status 2:	NOT REPORTED		

RISK AT SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.			
Property Address with VISTA Verified/Enhanced City and Zip:	J G D PLATING INC 1776 FOSTER AVE SCHENECTADY, NY 12308	Map ID#: VISTA ID#: Distance/Direction:	6 217563 0.41MI / NE
DETAILS REGARDING:	SPL / SRC# 1412	Agency ID	447018
Agency Address:	J G D PLATING INC 1776 FOSTER AVE SCHENECTADY, NY 12301		
Status:	NOT REPORTED		
Facility Type:	PURE LAGOONS		
Lead Agency:	NOT REPORTED		
State Status:	NOT TED		
Pollutant 1:	REPORTED AS "UNKNOWN' BY AGENCY		
Pollutant 2:	REPORTED AS "UNKNOWN" BY AGENCY		
DETAILS REGARDING:	SPL / SRC# 1412	EPA/Agency ID	N/A
Agency Address:	J G D PLATING INC 1776 FOSTER AVE SCHENECTADY, NY 12301		
Status:	NOT REPORTED		
Facility Type:	PURELAGOONS		
Lead Agency:	NOT REPORTED		
State Status:	NOT REPORTED		
Pollutant 1:	LEAD		
Pollutant 2:	METALS		
Pollutant 3:	WASTE		
DETAILS REGARDING:	CERCLIS / SRC# 1623	EPA ID	NYD986924280
Agency Address:	J G D PLATING INC 1776 FOSTER AVE SCHENECTADY, NY 12301		
NPL Status:	NOT A PROPOSED, CURRENT, OR DELETED NPL SITE		
Site Ownership:	PRIVATE/NON-GOVERNMENTAL		
Lead Agency:	NO DETERMINATION		
Site Description:	FORMER ELECTOPLATING FACILITY WHICH WAS CLOSED BY CITY AND STATE AUTHORITIES		
DETAILS REGARDING:	CERCLIS / SRC# 1623	EPA ID	NYD986924280
Agency Address:	J G D PLATING INC 1776 FOSTER AVE SCHENECTADY, NY 12301		
EventType:	DISCOVERY		
Lead Agency:	FUND LEAD		
Event Status:	NOT REPORTED		
Start Date:	NOT REPORTED		
Completion Date:	JANUARY 01,1991		
DETAILS REGARDING:	CERCLIS / SRC# 1623	EPA ID	NYD986924280
Agency Address:	J G D PLATING INC 1776 FOSTER AVE SCHENECTADY, NY 12301		
Event Type:	PRELIMINARY ASSESSMENT		
Lead Agency:	FUND LEAD		
Event Status:	NOT REPORTED		
Start Date:	JANUARY 01, 1		
Completion Date:	MARCH 28,		

RISK AT SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.			
Property Address with VISTA Verified\Enhanced City and Zip:	J G D PLATING INC 1776 FOSTER AVE SCHENECTADY, NY 12308	Map ID#: VISTA ID#: Distance/Direction:	6 217563 0.41MI / NE
DETAILS REGARDING:	CERCLIS / SRC# 1623	EPA ID	NYD986924280
Agency Address:	J G D PLATING INC 1776 FOSTER AVE SCHENECTADY, NY 12301		
EventType:	REMOVAL ACTION		
Lead Agency:	FUND LEAD		
Event Status:	NOT REPORTED		
Start Date:	NOVEMBER 17,1990		
Completion Date:	NOVEMBER 19, 1991		

Property Address with VISTA Verified\Enhanced City and Zip:	RED KAP SALES 1757 VAN VRANKEN AVE SCHENECTADY, NY 12308	Map ID#: VISTA ID#: Distance/Direction:	7 1349421 0.48MI I E
DETAILS *REGARDING*	LUST / SRC# 1515	Agency ID	8705293
Agency Address:	RED KAP SALES 1757 VAN VRANKEN AVE SCHENECTADY, NY		
Tank Status:	NOT REPORTED		
Discovery Date:	SEPTEMBER 21, 1987		
Media Affected:	NOT REPORTED		
Substance:	GASOLINE (UNSPECIFIED)		
Quantity (Units):	500.000000 (GALLONS)		
Leak Cause:	UNDERGROUND TANK LEAK		
Leak Source:	FIXED FACILITY		
Remedial Action:	NOT REPORTED		
Remedial Status 1:	CASE CLOSED		
Remedial Status 2:	NOT REPORTED		

Property Address with VISTA Verified\Enhanced City and Zip:	WAYAND RES PINE ST 12 PINE ST. SCOTIA, NY 12302	Map ID#: VISTA ID#: Distance/Direction:	8 2494329 0.48MI / SW
DETAILS REGARDING:	LUST / SRC# 1515	Agency ID	9109767
Agency Address:	WAYAND RES PINE ST 12 PINE ST. SCOTIA, NY		
Tank Status:	NOT REPORTED		
Discovery Date:	DECEMBER 13,1991		
Media Affected:	NOT REPORTED		
Substance:	FUEL OIL		
Quantity (Units):	NOT REPORTED		
Leak Cause:	UNDERGROUND TANK LEAK		
Leak Source:	PRIVATE DWELLING		
Remedial Action:	NOT REPORTED		
Remedial Status:	CASE CLOSED		
Remedial Status 2:	NOT REPORTED		

RISK AT SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.			
Property Address with VISTA Verified\Enhanced City and Zip:	AUTOCRAFT SALES (ERIE BLVD PT) 1100 ERIE BLVD SCHENECTADY, NY 12305	Map ID#: VISTA ID#: Distance/Direction:	8 772244 0.49MI / SW
DETAILS REGARDING:	LUST / SRC# 1515	Agency ID	8803022
Agency Address:	SAME AS ABOVE		
Tank Status:	NOT REPORTED		
Discovery Date:	SEPTEMBER 01, 1987		
Media Affected:	NOT REPORTED		
Substance:	GASOLINE (UNSPECIFIED)		
Quantity (Units):	NOT REPORTED		
Leak Cause:	UNDERGROUND TANK LEAK		
Leak Source:	FIXED FACILITY		
Remedial Action:	NOT REPORTED		
Remedial Status 1:	CASE CLOSED		
Remedial Status 2:	NOT REPORTED		
DETAILS REGARDING:	LUST / SRC# 1515	Agency ID	8501600
Agency Address:	SAME AS ABOVE		
Tank Status:	NOT REPORTED		
Discovery Date:	AUGUST 22, 1985		
Media Affected:	NOT REPORTED		
Substance:	GASOLINE (UNSPECIFIED)		
Quantity (Units):	2000.000000 (GALLONS)		
Leak Cause:	UNDERGROUND TANK LEAK		
Leak Source:	FIXED FACILITY		
Remedial Action:	NOT REPORTED		
Remedial Status 1:	CASE CLOSED		
Remedial Status 2:	NOT REPORTED		

RISK AT SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)
No Records Found

UNMAPPED SITES			
Property Address with VISTA Verified\Enhanced City and Zip:	NIAGARA MOHAWK/CREW LOCATIO SENECA ST SCHENECTADY, NY 12301	VISTA ID#:	296723
DETAILS REGARDING:	CERCLIS / SRC# 1623	EPA ID	NYD980664346
Agency Address:	SAME AS ABOVE		
NPL Status:	NOT A PROPOSED, CURRENT, OR DELETED NPL SITE		
Site Ownership:	AGENCY REPORTS THE UNDEFINED TEXT <"OTHER"		
Lead Agency:	NO DETERMINATION		
Site Description:	NOT REPORTED		
DETAILS REGARDING:	CERCLIS / SRC# 1623	EPA ID	NYD980664346
Agency Address:	SAME AS ABOVE		
Event Type:	DISCOVERY		
Lead Agency:	FUND LEAD		
Event Date:	NOT REPORTED		
Start Date:	NOT REPORTED		
Completion Date:	DECEMBER 21 1982		

UNMAPPED SITES CONT.			
Property Address with VISTA Verified\Enhanced City and Zip	NIAGARA MOHAWK/CREW LOCATIO SENECA ST SCHENECTADY, NY 12301	VISTA ID#	296723
DETAILS REGARDING:	CERCLIS / SRC# 1623	EPA ID	NYD980664346
Agency Address	SAME AS ABOVE		
EventType	PRELIMINARY ASSESSMENT		
Lead Agency:	FUND LEAD		
Event Status:	NOT REPORTED		
Start Date:	NOVEMBER 23, 1987		
Completion Date:	DECEMBER 29, 1987		
DETAILS REGARDING:	CERCLIS / SRC# 1623	EPA ID	NYD980664346
Agency Address:	SAME AS ABOVE		
EventType:	SCREENING SITE INSPECTION		
Lead Agency:	FUND LEAD		
Event Status:	NO FURTHER REMEDIAL ACTION PLANNED		
Start Date:	JANUARY 01,1991		
Completion Date:	MARCH 28,1991		

Property Address with VISTA Verified\Enhanced City and Zip:	HESS - NORTH MAXON RD NORTH MAXON RD SCHENECTADY, NY	VISTA ID#	4120111
DETAILS REGARDING:	LUST / SRC# 1515	Agency ID	8703768
Agency Address:	SAME AS ABOVE		
Tank Status:	NOT REPORTED		
Discovery Date:	AUGUST 06, i987		
Media Affected:	NOT REPORTED		
Substance:	GASOLINE (UNSPECIFIED)		
Quantity (Units):	NOT REPORTED'		
Lc& Cause:	UNDERGROUND TANK LEAK		
Leak Source:	FIXED FACILITY		
Remedial Action:	NOT REPORTED		
Remedial Status 1:	CASE CLOSED		
Remedial Status 2:	NOT REPORTED		

Property Address with VISTA Verified\Enhanced City and Zip:	JOJO'S UNION ST UNION ST. SCHENECTADY, NY	VISTA ID#	2738491
DETAILS REGARDING:	LUST / SRC# 1515	Agency ID	9006538
Agency Address:	SAME AS ABOVE		
Tank Status:	NOT REPORTED		
Discovery Date:	SEPTEMBER 13,1990		
Media Affected:	NOT REPORTED		
Substance:	GASOLLNE (UNSPECIFIED		
Quantity (Unit.):	NOT REPORTED		
Leak Cause:	UNDERGROUND TANK LEAK		
Leak Source:	FIXED FACILITY		
Remedial Action:	NOT REPORTED		
Remedial Status 1:	CASE CLOSED		
Remedial Status 2:	NOT REPORTED		

UNMAPPED SITES CONT.			
Property Address with VISTA Verified\Enhanced City and Zip:	ANGELO PEDOME , NY	VISTA ID#:	2488848
DETAILS REGARDING:	SWLF / SRC# 1248	Agency ID	47D37
Agency Address:	SAME AS ABOVE		
Facility Type:	CONSTRUCTION MATERIAL		
Facility Status:	ACTIVE		
Facility Life:	NOT REPORTED		
Permit Status:	UNPERMITTED/UNLICENSED		
Waste:	CONSTRUCTION/DEMO		

Property Address with VISTA Verified\Enhanced City and Zip:	KAPL SLF , NY	VISTA ID#:	3502388
DETAILS REGARDING:	SWLF / SRC# 1248	Agency ID	47N34
Agency Address:	SAME AS ABOVE		
Facility Type:	INDUSTRIAL		
Facility Status:	ACTIVE		
Facility Life:	NOT REPORTED		
Permit Status:	PERMITTED/LICENSED		
Waste:	CONSTRUCTION/DEMO		

Property Address with VISTA Verified\Enhanced City and Zip:	SCHENECTADY SLUDGE COMP , NY	VISTA ID#:	2489183
DETAILS REGARDING:	SWLF / SRC# 1248	Agency ID	47C01
Agency Address:	SAME AS ABOVE		
Facility Type:	AGENCY REPORTS THE UNDEFINED TERM "OTHER".		
Facility Status:	ACTIVE		
Facility Life:	NOT REPORTED		
Permit Status:	PERMITTED/LICENSED		
Waste:	SLUDGE/SEPTAGE/SEPTIC		

Property Address with VISTA Verified\Enhanced City and Zip:	KRUGER RECYCLING INC ALBANY, NY	VISTA ID#:	3998566
DETAILS REGARDING:	SWLF / SRC# 1332	EPA/Agency ID	N/A
Agency Address:	SAME AS ABOVE		
Facility Type:	RESOURCE RECOVERY (RECYCLING)		
Facility Status:	NOT REPORTED		
Facility Life:	NOT REPORTED		
Permit Status:	PERMITTED/LICENSED		
Waste:	NOT REPORTED		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Petroleum Bulk Storage Program

Facility Information Report

Printed 08/22/94

3s # 4-163686

Site : HESS STATION #32211
NOTT ST & MAXON RD
SCHENECTADY, NY 12308

Site status : Active
Total Active Tanks : 3
Active Capacity : 30,000 gals.

County : SCHENECTADY Town : SCHENECTADY (C)
Latitude : Longitude : W
SPDES# : CBS# :
Sire Type : Retail Gas Sales

Reg Expires : 06105197
Last Inspection : / /
Cert Printed : *02/08/93*

Site Errors : Complete
Owner Error : Complete
Tank Errors : Complete

Operator WILLIAM COLE (518) 378-8880
Emergency AMERADA HESS CORPORATION (908) *750-6000*

Owner : AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095

Phone : (908) 750-6000
Owner Type : Corporate/Commercial

Mail : AMERADA HESS CORPORATION
1 HESS PLAZA
WOODBRIDGE, NJ 07095

Att : J. SMITH GSO WB-11 (908) 750-6000

kNo	TankLoc	Stat	DateIn	Capac (g)	Product	TankType	TankInt	TankExt	PipeLoc	PipeType	PipeInt	PipeExt	SecCont	Leak	OverFil	Disp	LastTest	NextTest	TSta
		1	07/	10,000	2	5	0	4	2	3	0	4	2	34	45	1			1
	4	1	07	10,000	2	5	0	4	2	3	0	4	2	34	45	1			1
	4	1	/ /88	10,000	2	5	0	4	2	3	0	4	2	34	45	1			1
	4	6	12/70	10,000	2	1				2			0	0	4	1		CLOSED :	00/0
	4	6	12/63	4,000	1	1				2			0	0	4	1		CLOSED :	00/0
	4		12/63	4,0	1	1	1						0	0	4			CLOSED :	00/0
	4		12/63	4,0	2	1	1			2			0	0	4	1		CLOSED :	00/0

UNMAPPED SITES CONT.			
Property Address with VISTA Verified\Enhanced City and Zip:	SCHENECTADY TREE BR(C) CITY HALL SCHENECTADY, NY 12305	VISTA ID#:	2491847
DETAILS REGARDING:	SWEF / SRC# 1248	Agency ID:	47D16
Agency Address:	SAME AS ABOVE		
Facility Type:	CONSTRUCTION MATERIAL		
Facility Status:	ACTIVE		
Facility Life:	NOT REPORTED		
Permit Status:	UNPERMITTED/UNLICENSED		
Waste:	CONSTRUCTION/DEMO		

NYS DEC Regio a
I & Hazardous Material Spill - Fact Sheet
08122194

pill Name: S NOTT & MAXON
Spill No: 88(2

spill Timr 1700
Spill Dat : 07/18/08

Central office Date: 07/19/88
Central Office Time; 1015

Answering "ervice Date: / /
Answering . vice Time: 0

Regional Office Date: 07/19/88
egional Office lime: *102'*

Material Class: Petroleum
Petroleum Spilled: Gas, all
other Material:

Quantit, Spilled: 0.00
Quantity Recoverec: 0.00
Spill Cause: Tank failure

Spiller: HESS
street:
City, State, Zip:
Telephone:

Spill Source: Gas station
Spill tocation: NOTT ST. & MAXON RD
Municipelity: SCHENECTADY
County: SCHENECTADY SWIS Code: 42

Waterbody:
Notifier: Responsible entity/spiller

Resources Affected: Ground water
Drainage Basin: 0

Remarks: FOUND CONTAMINATED SOIL DURING EXCAVATION OF 20 YR. OLD TANK, 4K TANK, HOLE IN BOTTOM, TANKS RELINED 8 YRS. AGO.

Caller: DAVID HEEKS
Affiliation: HESS
Telephone: 518-372-8880

Pin Number: 0
Status: A
Cleaner: Spiller

Date I.S.R sent to C.O : / /

Spill Class: C3

T/A: 0
Cost Center Code (St):
Clean Date: / /

UST Trust Eligible?: Yes
Cost Center Code (Fed):

PBS Number: 163686
Tank ID Numbers:

Last Update: 06/06/94
Close Date: / /

investigator : GOERTZ

DEC Region 4
Oil & Hazardous Material Spill - Fact Sheet
08/22/94

Home: ATLANTIC NOTT ST
No: 9010561

Spill Time: 1530
Spill Date: 12/28/90

Central Office Date: 01/02/91
Central Office Time: 1410

Answering Service Date: / /
Answering Service Time:

Regional Office Date: 01/02/91
Regional Office Time: 1416

Material Class: Petroleum
Petroleum spilled: Gas, oil
Other Material:

Quantity Spilled: 0.00 G
Quantity Recovered: 0.00 G
Spill Cause: Tank test failure

Spiller: ATLANTIC
Street:
City, State, Zip:
Telephone: 518-382-8477

Spill Source: Gas station
Spill Location: 717 NOTT ST.
Municipality: SCHENECTADY
County: SCHENECTADY SWIS Code: 42

Waterbody:
Notifier: Responsible entity/spiller

Resources Affected: On Land
Drainage Basin: 1201

Remarks: FAILED PETROTITE LINE TEST @ -.026, WILL REPAIR OR REPLACE (PRODUCT LOSS DETECTED 12/28, TESTED 1/2)

Caller: ROLAND DAVIS
Affiliation: ATLANTIC
Telephone: 800-545-7776

Pin Number: 0
Status: A
Cleaner: Spiller

Date I.S.R. sent to C.O.: / /

Spill Class: C3

T/A: 0
Cost Center Code (St,.):
Clean Date: / /

UST Trust Eligible?: Yes
Cost Center code (Fed):

PBS Number: 0
Tank ID Numbers:

Last Update: 07/01/94
Close Date: / /

Investigator: KOKOCKI

NYS DEC Region 4
Oil 8 Hazardous Material Spill . fact Sheet
08/22/94

Spill Heme: RAINBOW 'WASH ERIE Blvd
Spill No: 9305348

Spi Time: 1030
Spi Date: 07/30/93

Central Office Date: 07/30/93
Central C Time: 1101

Answering Service Date: / /
Ansuering Service Time: 0

Regional Office Date: 07/30/93
Regior. Office Time: 1118

Material Class: Petroleum
Petroleum Spilled: Gas, all
Other Material:

Quantity Spilled: 0.00 G
Quantity Recovered: 000 G
Spill Cause: Tank failure

Spiller: ERIE Blvd RAINBOW CARWASH
Street: SAME Um PREDKO owner
City, State, Zip:
Telephone: 518-346-4209

Spill Source: Commercial ost (no petro for sale)
Spill Location: 1421 ERIE Blvd
Municipality: SCHENECYADY
County: SCHENECTADY SWIS Code: 42

Waterbody:
Notifier: Other (see Remarks)

Resources Affected: On Land
Drainage Basin: 1201

Remarks: FOUND CONT. SOIL W/SOIL GAS SURVEY

Caller: MARY PASSARETTI
Affiliation: PASSARETTI Ceo
Telephone: 518-893-2019

Pin Number: 0
Status: A
Cleaner : Spiller

Date I.S.R. sent to C.O.: / /

Spill Class: C3

T/A:
Cost Center Code (St.):
Clean Date: / /

UST Trust Eligible?: Yes
Cost Center Code (Fed):

PBS Number : 0
rank ID Numbers:

last Update: / /
Close Date: / /

Investigator: KOKOCKI/SPERBEC

NYS DEC Region 4
Oil & Hazardous Material Spill - Fact Sheet
08/22/94

Spill Name: SFD 450 NOTT ST
Spill No: 57637
Spill Time: 739
Spill Date: 09/27/87

Central Office Date: 12/07/87
Central Office Time: 930
Answering Service Date: / /
Answering Service Time: 0
Regional Office Date: 12/07/87
Regional Office Time: 800

Material Class: Petroleum
Petroleum Spilled: Gas, oil
Other Material:
Quantity Spilled: 1.00 G
Quantity Recovered: 0.00 G
Spill Cause: Tank failure

Spiller: UNKNOWN
street:
City, State, Zip:
Telephone:
Spill Source: Passenger vehicle
Spill Location: 450 NOTT ST
Municipality: SCHENECTADY
County: SCHENECTADY SWIS Code: 42

Waterbody:
Horifier: Fire Department
Resources Affected: On land
Drainage Basin: 0

Remarks:
GAS DRIPPING FROM PIN HOLE IN GAS TANK. SFD PLUGGED WITH DUCT SEAL

Caller:
Affiliation:
Telephone:
Pin Number: 0
Status: C
Cleanor: Other governmental
T/A: 0
Cost Center Code (St):
Clean Date: 12/07/87
Date FSR sent to CO: / /

UST Trust Eligible?: No
Cost Center Code (Fed):
PBS Number: 0
Tank ID Number's:

Close Date: / /

Investigator: MCDONALD
Last Update: / /

NYS OEC Region 4
Oil & Hazardous Material Spill - Fact Sheet
08/22/94

Spill Name: CALLANAN ARG TRUCK'G ERIE
Spill No: 9007183

Spill Ti : 859
Spill Dr : 10/01/90

Central Office Date: 10/01/90
Central Office Time: 906

Answering Service Date: / /
Answering Service Time 0

Regional Office Date: 10/01/90
Regional Office Time: 909

Material Class: Petroleum
Petroleum Spilled: Diesel
Other Material: ASPHALT 300 gal

Quantity Spilled: 150.00 G
Quantity Recovered: 0.00 G
Spill Cause: Traffic accident

Spiller: ARG TRUCKING
Street:
City, State, Zip:
Telephone:

Spill Source: Tank truck
Spill Location: ERIE & E NOTT ST MAXON
Municipality: SCHEHECTAOY
County: SCHENECTAOY SWIS Code: 42

Waterbody: STORM DRAIN?
Notifier: Private citizen

Resources Affected: On Land
Drainage Basin: 1201

Remarks: TRUCK ROLL-OVER, SPILLING DIESEL & ASPHALT, SFD & SPO ON SCENE. EOI TO CLEAN. COMPLETE

Caller': BILL CROSSHAN
Affiliation: CIT
Telephone: 518-583-7817

Pin Number: 0
Status: C
Cleaner: Spiller

T/A: 0
Cost Center Code (St.):
Clean Date: 10/02/90

Date I.S.R. sent to C.O.: / /

Spill Class: C3

UST Trust Eligible?: No
Cost Center. Code (Fed):

PBS Number: 0
Tank lo Numbers:

Last Update: 10/17/90
Close Date: 10/17/90

Investigator: KOKOCKI

NYS DEC Region 4
Oi & Hazardous Material Spill Fact Sheet
58/22/94

Spill Name: RED-KAP CITGO SENECA
Spill No: 860532

Spill Time: 2230
Spill Date: 11/20/86

Central Office Date: 11/21/86
Central Office Time: 835

Answering Service Date: 11/21/86
Answering Service Time: 804

Regional Office Date: 11/21/86
Regional Office Time: 840

Material Class: Petroleum
Petroleum Spilled; Gas, all
Other Material:

Quantity Spilled: 0 00 G
Quentity Recovered: 0 00 G
Spill Cause: Tank test failure

Spiller: CITGO
Street: SENECA & VAN VRAHKEN AVE
City, State, Zip: SCHENECTADI, N Y
Telephone:

Spill Source: Gas station
Spill Location: SENECA & VAN VRANXEU AVE
Municipality: SCHENECTADI
County: SCHENECTADY SWIS Code: 42

Waterbody:
Notifier: Tank Tester

Resources Affected: Ground water
Drainage Basin: 0

Remarks:
4000 GAL. UNDERGROUND TANK LEAKS

Caller:
Affiliation:
Telephone:

Pin Number: 0
Status: C
Cleaner: No Data Entered
Date to I.R. sent to C.O: / /

T/A: 0
Cost Center Code (St):
Clean Date: 03/31/87

UST Trust Eligible?: No
Cost Center Code (Fed):

PBS Number: 0
Tank ID Numbers:

Close Date: / /

Investigator: SPERBECK
Last Update: 03/07/89

DEC Region 4
Oil & Hazardous Material Spill - Fact Sheet
08/22/94

Spill Name: SCHENECTADY OPW FOSTER AV
No: 9301972

Spill Time: 1050
Spill Date: 5/12/93

Central Office Date: 05/12/93
Central Office Time: 1101

Answering Service Date: / /
Answering Service Time: 0

Regional Office Date: 05/12/93
Regional Office Time: 1103

Material class: etroleum
Petroleum Spilled: Diesel
Other. Material:

Quantity Spilled: 0.00 G
Quantity Recovered: 0 00 G
Spill Cause: Tank test failure

Spiller: SCHEHECIADY OPW
Street: SAME
City, State, Zip:
Telephone: 518-382-5116

Spill source: Non commercial est./institution
Spill Location: 1731 FOSTER AVE.
Municipality: SCHENECTADY
County: SCHEHECIADY SWIS Code: 42

Water body:
Notifier: Tank Tester

Resources Affected: On land
Drainage Basin: 1201

Remarks: 4K UGT FAILED HORNER @ >.1gph, EIR. 8602851,8705750,8801056,9203100,

Caller: LARRY BARKMAN
Affiliation: PURELAND
Telephone: 518-756-3211

Pin Number: 0
Status: A
Cleaner: Spiller

T/A:
Cost Center Code (St.):
Clcon Date: / /

Date I.S.R. sent to C.O.: / /

Spill Class: B3

UST Trust Eligible?: Yes
Cost Center Code (Fed):

PBS Number.: 462187
Tank ID Numbers:

Last Update: 07/26/94
close Date: / /

Investigator: KOKOCKI

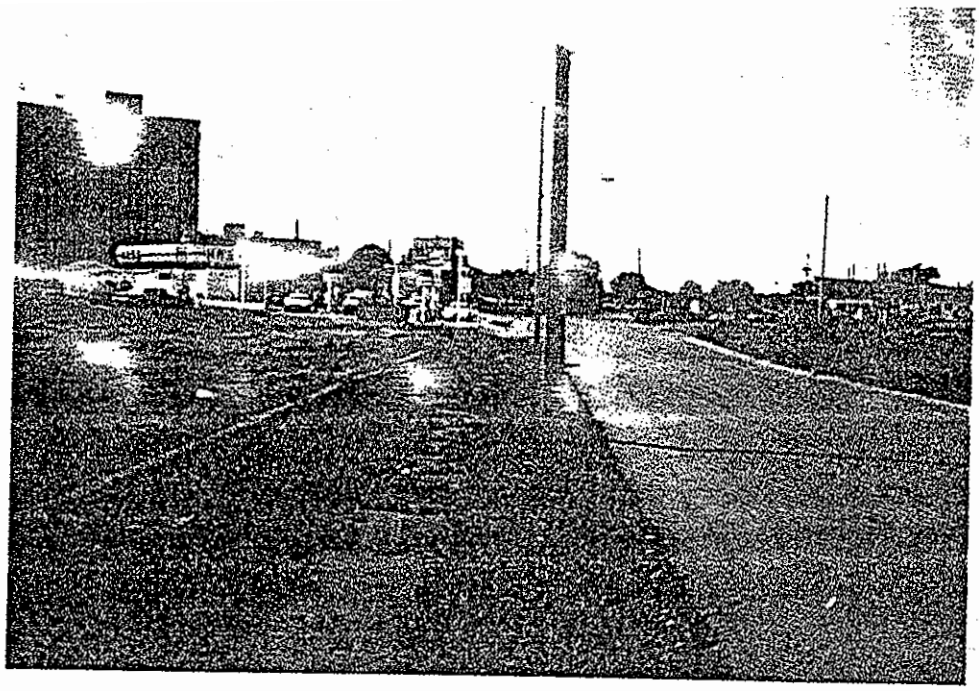
Post-it™ brand fax transmittal memo 7671 | # of pages ▸

To Jeff McPherson	From [illegible]
Co. [illegible]	Co. Encon
Dept.	Phone # 357-204[illegible]
Fax # 452-0780	Fax #

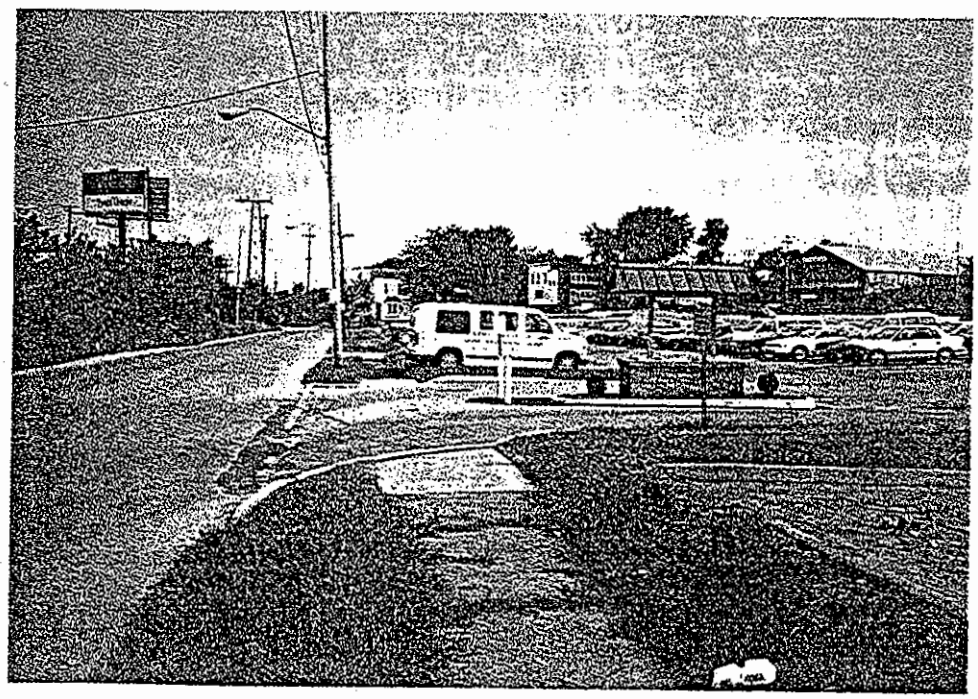
APPENDIX C
RECONNAISSANCE PHOTOGRAPHS

(1) Looking East at South Side of Subject Site and Adjacent Skate Place.

(2) Looking Northeast at Subject Site from Southwest Corner.

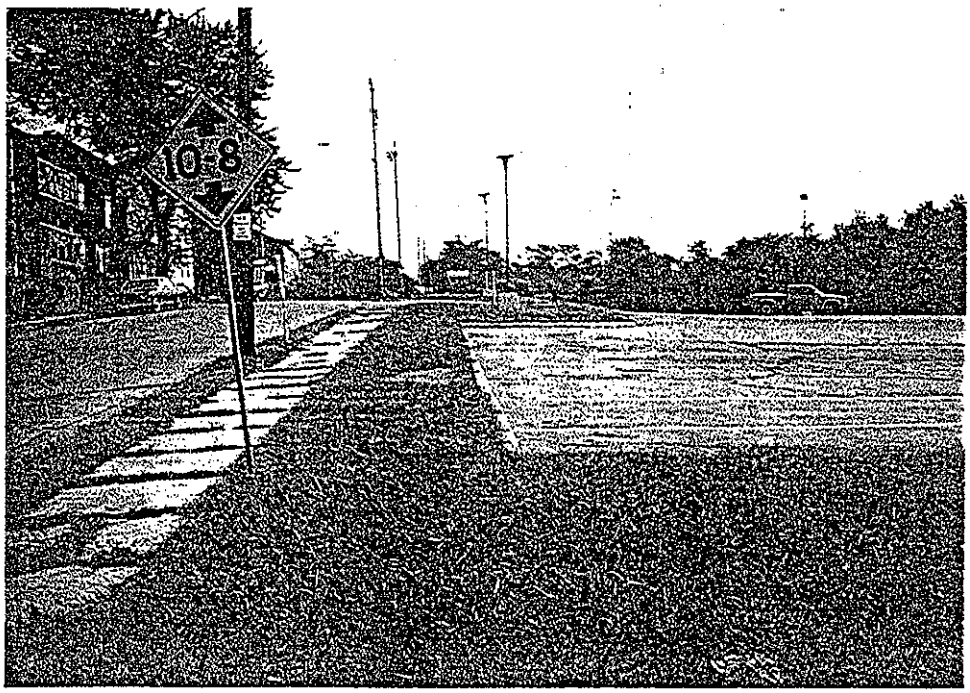


(3) Looking South at Adjacent South Properties (Hess, Ramada Inn, Flower Shop)

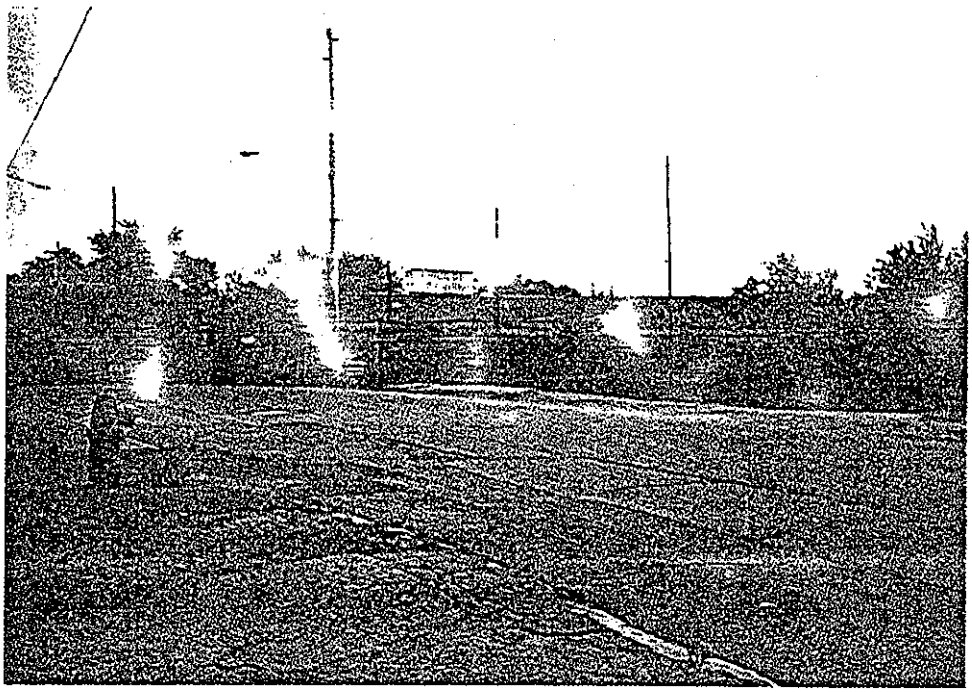


(4) Looking North Along West Side of Subject Site

(5) Looking Southeast at Subject Site from Northwest Corner

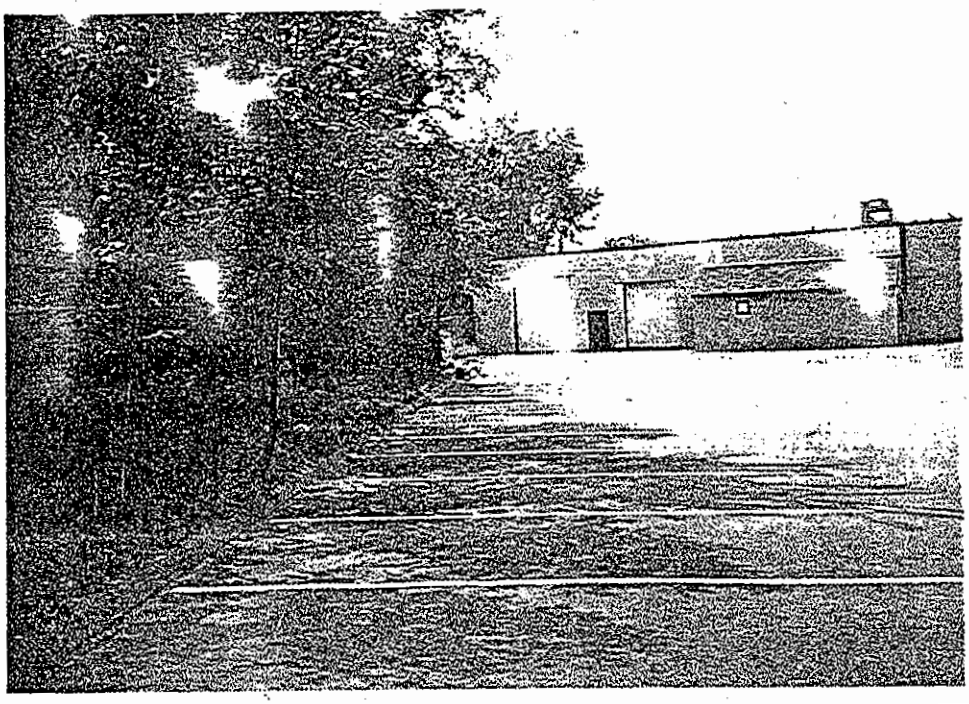


(6) Looking East Along North Side of Subject Site from Northwest Corner

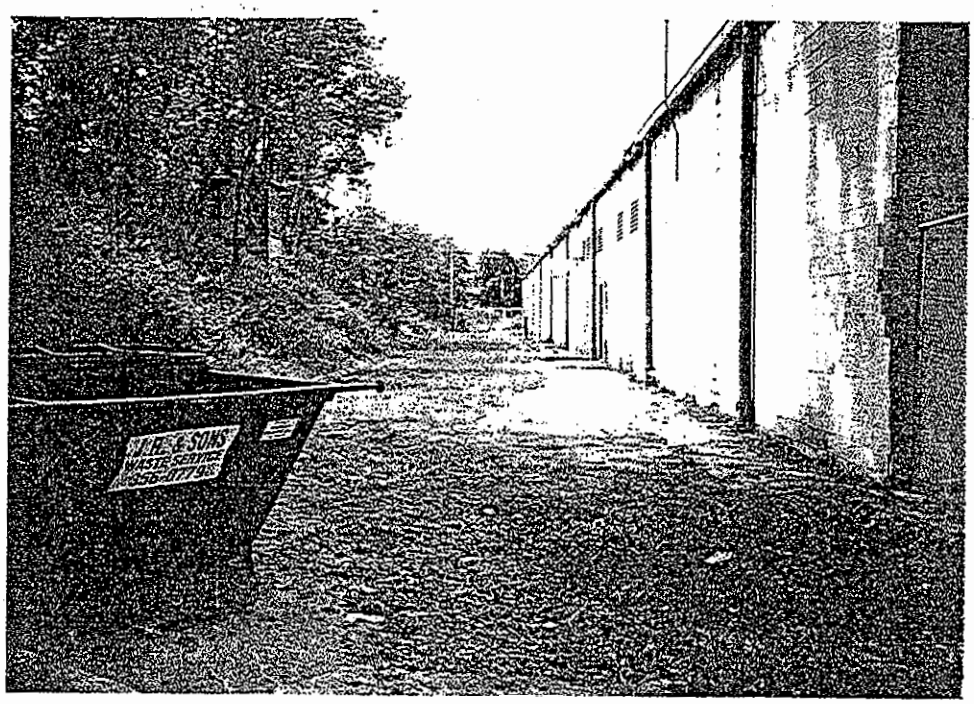


(7) **Looking Southeast at Adjacent Arnold's Body Works from West Side of Peek Street.**

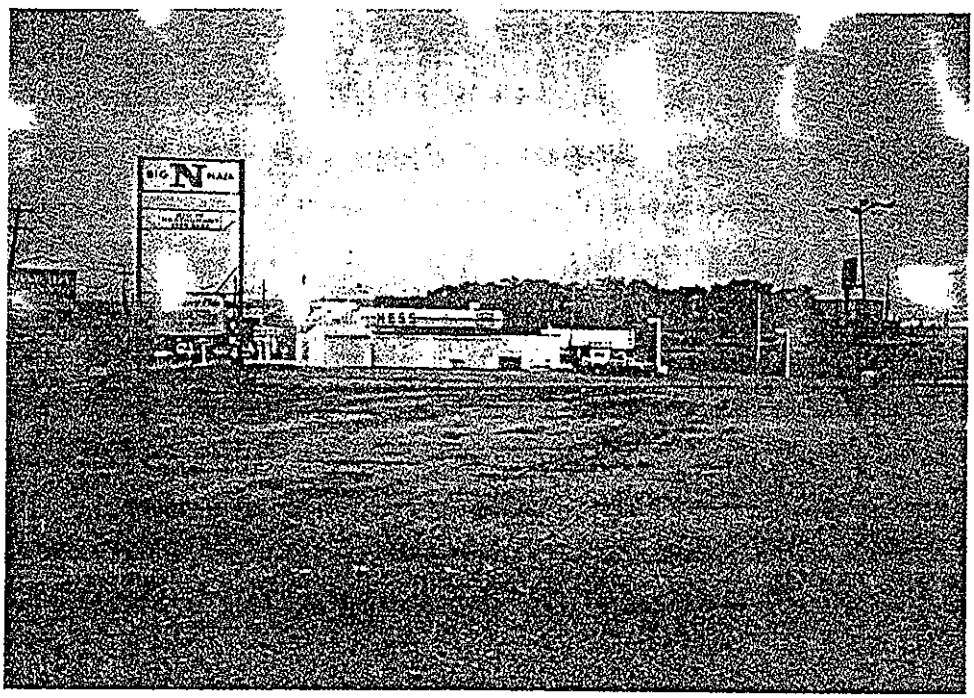
(8) Looking **East at Locomotive Park from 50 Feet West**



(9) Looking South Along Northeast Side of Subject Site from Northeast Corner..



(10) Looking South Along Southeast Side of Subject Side from Northeast Corner of Building..



(11) **Looking West at Adjacent Hess Gas Station from Southeast Corner of Skate Place Building.**

RECORD OF COMMUNICATION

PSI

Date: 8/1/94 Time: 4:00pm

Project Number: 878-4E 73 Recorded by: J. Hyatt

Project Name: Phase I ESA - Bio N Plaza

Communications with: Joe Ryan Title: District Manager

of: USDA Soil Conservation Service

Phone: (518) 399-6980 Fax: ( )

Communication via: ( ) Telephone Conversation (X) Discussions During Site Inspection

( ) Other:

Re: Subject Site Soil Conditions

Summary of Communication: Subject site is cut and fill is ~ where Ail is ~ brought in. It is difficult to determine the type of underlying soil, however the it is usually the same type as the closest, large soil type. This would be Colonie loamy fine sand.

(OVER)

Conclusions, Actions Taken, Required, or Recommended: Identify underlying soil as Colonie loamy fine sand

Follow up Required: Yes __ No X When, With and By Whom:

admin dir\record.com

APPENDIX D
SOURCE AND INTERVIEW DOCUMENTATION

APPENDIX E
LEGAL DESCRIPTION

EXHIBIT A

per 1538 PAGE 0312

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the City of Schenectady, Schenectady County, New York, lying along the southeasterly side of Maxon Road and along the southwesterly side of Peek Street and further bounded and described as follows:

BEGINNING at the intersection of the southeasterly line of Maxon Road with the southwesterly line of Peek Street and running thence along the southeasterly side of Maxon Road South 49° 10' WEST 464.64 feet to a point; thence South 40° 50' East 399.60 feet to a point; thence South 49° 10' West 20 feet to a point; thence South 40° 50' East 80 feet more or less to a point in the northwesterly right of way line of New York Central & Hudson River R.R. then on a curve to the left along the said northwesterly right of way line of said railroad 455 feet more or less to a point in the saurhwesterly line of lands formerly of Winne and McKain Co., thence along said last mentioned lands North 55° 02' West 70.5 feet to a point marked by a brass marker in concrete; thence along still said last mentioned lands North 31° 06' East 202 feet to a point in the southwesterly line of Peek Street; thence northwesterly along the southwesterly line of Perk Street; 394 feet more or less to the point. or place of beginning.

FOR CLOSING INSTRUMENTS ONLY - NOT INSURED: Containing 5.974 more or less in area.

TOGETHER with an easement, for the purpose of ingress to and egress from the above described premises and for the parking of vehicles, upon, over and across those portions of premises adjoining the above described premises on the southeasterly and westerly of any buildings to be constructed thereon, and subject to the easement in favor of the mortgagor herein, its heirs, representatives, and assigns, upon. over and across those portions of the above described premises which lie easterly and westerly of the building now tieing constructed thereon and of any other buildings to be constructed thereon.

DISCHARGE OF RECORD
TO ___ SEE BOOK ___ OF DISCHARGE
OF MORTGAGE PAGE _____
CLERK

APPENDIX F
PREVIOUS ESA

ENVIRONMENTAL SITE ASSESSMENT

BIG N SHOPPING PLAZA

Schenectady, New York

Prepared for:

PLAZA-AT-LATHAM ASSOCIATES
Latham, New York

Prepared by:

DUNN GEOSCIENCE CORPORATION
Albany, New York

Date

June 1989

TABLE OF CONTENTS

DUNN
GEOSCIENCE CO

12 METRO PARK RD. •
ALBANY, NEW YORK 12205
518/458-1313
FAX 518/458-2472

June 29, 1989

Mr Eugene Weiss
c/o Plaza-at-Latham
800-19 New
Latham. New York 13110

Dear Mr Weiss:

Dunn Geoscience Corporation (Dunn) has conducted, at your requesr., an environmental site assessment of the Big N Shopping Plaza located in Schenectady. New York Dunn personnel physically inspected the subject area, interviewed state and local government personnel, and reviewed selected pertinent documents as agreed upon in our proposal dated June 12, 1989,.

Because it was discovered that the site was formerly a manufacturing tacility for American Locomotive Company between approximately 1910 and 1960 Dunn subsequently recommended that a limited soil sampling program be underraken in addition to the agreed-upon original scope of work A full description of this sampling program and the laboratory analytical results arc presented elsewhere in this report

Based on the facts ascertainable during this assessment and limited soil sampling program, Dunn did nor uncover any evidence of significant adverse environmental impact due to present or Past practices or releases of hazardous materials on the subject property Further, a review of available ownership records, maps and regulatory lists, and interviews with agency representatives, revealed no significant environmental concerns

The scope of' work did not address compliance with any federal, state or local laws, regulations, ordinances or codes.. No samples of air, water, or building materials were collected or analyzed. and Dunn makes no representarions or warranties regarding their quality. A complere subsurface investigation would be required to fully characterize groundwater and soil conditions and to determine if' any adverse impact from hazardous marerials has occurred. Such an investigation was neither requested nor performed as parr of' this assessment.

This report has been prepared for the exclusive use of you and your designees The work has been undertaken and performed in accordance with generally accepted practices Dunn also represents that the work has been performed in a professional manner, and is accurare within the limitations of the scope of

services outlined in our proposal. No warranty, express or implied is made.

If you should have any quesrions or comments concerning this report, please nor hesitate to contact me at (518) 458-1313 It has been a pleasure and a privilege to serve you

Very truly yours,

David D. Rollins
Site Assessment Coordinator

DDR/cap

cc: Martin C. Pomcroy, Esq.
J.K. Brusr

DUNN
GEOSCIENCE CORP

12 METRO PARK RD. •
ALBANY, NEW YORK 12205
518/458-1313
FAX 518/45[illegible]472

May 3 1989

Mr Eugene Weiss
c/o Plaza-at-Ltttham Associates
800-19 New Loudon Road
Latham, New York 12110

Dear Mr Weiss:

Subject: Properties Located in Colonie and Schenectady, New York

Dunn Geoscience Corporation (DUNN) is, pleased to submit this proposal to conduct environmental site assessments of the above referenced properties which we understand arc being considered for acquisition.. The objective of both studies will be to evaluate the likelihood that past releases of hazardous materials on or near the subject properties may hsvc resulted in a significant environmental impact.

Recent legislation and litigation concerning ultimate financial responsibility for hazardous materials site cleanups have prompted concern among current and prospective property owners and their lending institutions char such site assessments be performed to identify potential liabilities. DUNN his worked successfully with these individuals and financial institutions. providing relevant site-specific intormarion to help them evaluate potential liabilities. You can be confidenr that we will apply our proven combination of professional expertise and personal attention to your site assessments as well.

Your written site assessment reporr will describe in detail our findings and conclusions If' appropriate. it will also contain recommendations lor future studies This cornbincd report will be based on information generated by:

- Performing a detailed reconnaissance of the subject properties to evaluate potential hazardous materials source areas and associated contaminant migration pathways,, Surface drainage features in particular will bc reviewed to determine if any obvious deposition of substances of concern is present or is indicated to have previously occurred

- Conducting interviews with appropriate individuals from the private sector and government agencies who are [illegible]

Mr Eugene Weiss
5/31/89

- o Reviewing applicable federal, state and local government files regarding past activities at the subject properties and neighboring properties. This review typically includes the following sources:

  Asscssmcnr and Zoning Offices
  Department of Health
  Local Building/Engineering Department
  Public Utilities
  Fire Department
  Hazardous Materials Emergency Response Coordinator
  State and Local Environmental Agencies
  United States Environmental Protection Agency
  Historical Socictics

- o Examining available aerial photographs of the subject properties and adjacent properties.,

- o Reviewing the lists of state and federal hazardous waste sites to determine proximity to ihe subject properties.

DUNN's combined price for both studies will rnngc from 53,000 to $3,500 depending, in part, on the availability of (a) chronologies of owricrship from 1900 to the prcscnt, (b) sire blueprints or surveys, (c) appraisal reports We arc prepared to initiate work upon your written authorization, and anticipate that you will receive the completed combined report within two weeks DUNN will require a retainer of $1,500 along with your written authorization The balance will be due upon receipt of the final combined report.

You will be kept informed during the course of our investigations, and notified immediately if we believe the data gathered wnrranr the use ot more definitive methods of investigation. Such methods might involve a soil vapor survey, a geophysical survey, soil borings, ox the collection and analysis ol additional samples of air, water, soil, and/or building materials.

The proposed studies arc condirioned upon the following limitations:

- u DUNN will nor attempt to dctcrminc compliance by present or former owners or occupants of the sites with federal, state or local environmental or land use laws Or regulations.

- J The combined site assessment report submitred at the conclusion of our investigation will be limited to observations made during DUNN's inspection and research of the sites as well as information supplied by the present owners/operators of the properties and others DUNN will make nu certification with respect to the validity of Ihc data collected.

Mr Eugene Weiss
5/31/89

- DUNN will make no representation or certification concerning the quality of soil, surface water, groundwater, or building materials.

We appreciate the opportunity to provide you with this proposal and look forward to working with you on this project. Please indicate your acceptance by signing one copy of this letter and returning it and the above mentioned retainer to me. Should you have any questions or comments, please call me at (518) 458-1313.

Very truly yours,

DUNN GEOSCIENCE CORPORATION

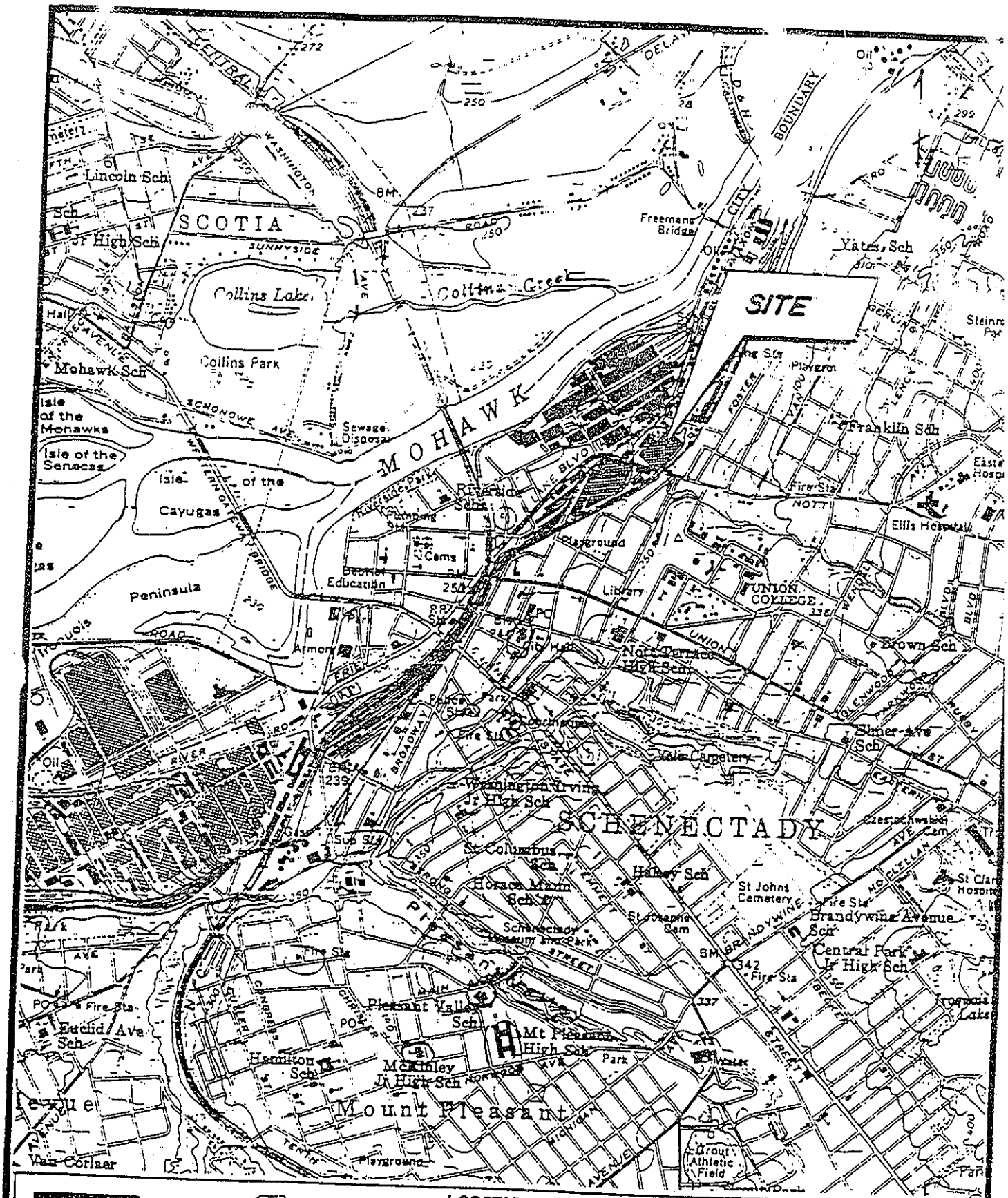
David D. Rollins

David D Rollins
Site Assessment Coordinator

Accepted by: _____ Date: 6/2/89

DDR/bas

cc: JKB



QUADRANGLE LOCATION

GEOSCIENCE CORP

LOCATION MAP: BIG N SHOPPING PLAZA
U.S.G.S. 7 1/2 Minute Topographic Map
Schenectady Quadrangle, 1954
Scale: 1 inch = approx. 2000 feet
Note: This map shows the American Locomotive facility which occupied the site prior to the BIG N PLAZA.

SITE RECONNAISSANCE AND DATA COLLECTION FORM

ENVIRONMENTAL EVALUATION OF Big N Shopping Plaza - Eugene Weiss

PART I. SITE LOCATION

Name: Big N Shopping Plaza Telephone No : ( )

Facility #: Street Address: 1520 Maxon Road

City or Town: Schenectady State: NY zip:

Municipality : County: Schenectady

Tax Block No : 35.9 - 1 Tax Lot No : 9.1 Property Size: 196,000 ft2

Name of Site Contact: Telephone No..: ( ).-

USGS Quadrangle: Schenectady Other Map: (Aerial) Sanborn Mans

Directions to Site: Erie Blvd. east , right on Nott St, left on Maxon Road

PART II. SITE DESCRIPTION AND ENVIRONMENTAL CHARACTERISTICS

A.) Brief Description of **Subject** Site:

*The study area is an irregular shaped parcel containing 5.974 acres of land area situated on the east side of Maxon Road approximately 400 feet north of Nott Street in the City of Schenectady The subject property features 465 feet of frontage along Maxon Road, 394 feet on Peek Street and 455 feet along the former New York Central and Hudson River Railroad tracks. The south property line adjoins a 2.5+- a m parcel which fronts on Nott Street and comprises the balance of the original shopping center.

The sire is generally level and at the elevation of Maxon Road. Along the eastern most 50 feet of the site the elevation rises sharply about 25 feet to the NYC and HR RR. The site features about 130,000 SF of asphalt paved lighted parking area in the front and on the north side of the building Lawn areas located around the perimeter of the site as well as the parking lot surface are in poor condition and detract from the appearance of the property.

The subject property lies within an "H-Heavy Industrial" zone of the City of Schenectady Permitted uses within this district include most industrial, manufacturing and warehousing uses as well as most retail, commercial and officeuses permitted in less intensively zoned districts..

*Big N Shopping Plaza Appraisal Report, 1989, Alvey Hartmann and Con Appraisal Associates. Used by permission..

B.) SITE LAYOUT INFORMATION:

1. Property boundaries, fencing, warning signs, etc.

   No warning signs observed around property boundaries

2. Building and parking areas,, (% of space occupied by same).,

   Building and parking areas represent approximately 30% and 70% of the total area, respectively

3. Open spaces and easements—

   A general easemenr exists for the purpose of ingress and egress of vehicles across the parking area from the adjoining 2.5+- acre parcel and the street.

4. Storage areas, (tanks, lagoons, pits, etc.)....

   None observed..

5. Site utilities.....

   Electricity, municipal water and sewer, gas.

6 Wetland areas.....

   Not present on sire.

7. Streams and lakes (names if known)

   Not present on site.

8. Wells.....

   None observed.

9. Bulk loading and unloading facilities—

   None observed.

C., SITE-SPECIFIC CHARACTERISTICS:

1 Stormwater runoff patterns.....

Runoff follows the slope of the parking area towards Maxon Road

2. Catch basins..,

Noted along Maxon Road

3. Drainage lines..,.

None observed.

4. Sumps/pits/dry wells..,

None observed.

5. Ditches,

None observed..

6 Outfalls.....

None observed..

7. Sanitary sewer/septic tanks and leach fields.....

Municipal sewer:.

C) SITE-SPECIFIC C 'ARACTERISTICS (cc tinued):

8. Waste storage *areas,,*

None observed..

9. Transformers (type/location/owner).....

No transformers noted on property.. M&P Lab uses a Hipotronics Model 7150-60 transformer for testing of electronic parts.. This transformer is of recent origin and contains 175 gallons of non-PCB oil. Four additional barrels of G F Transcrest HT non-PCB transformer oil is stored on-sire.

10. Underground storage tanks (identify contents) age, construction etc.....

None observed..

11. Ground surface risers, vents, etc.....

None observed.

12. Insulation materials,

Possible ACM on pipe insulation noted in maintenance closer on second floor of the Visiting Nurse Service office.

13. Landfill disposal areas.....

None observed..

14. Laboratories,

One of the current occupants of the Big N Plaza building is M&P Laboratory, a testing lab.. This facility is described more fully under Section III D, Current Site Utilization.

D.) ENVIRONMENTAL CHARACTERI. TICS:

1. Topography and surf. water drainage,
   Relief less than 20 fee. ross site, drainage to the northwest Site. lies about 30 feet above the Mohawk River which is found 2,000 to 3,000 feet to the northwest.
2. Surficial and bedrock geology—
   Not inves. rated.
3. Groundwater elevatic (include source of information)..,
   Not investigated.
4. On-site and other drinking water supplies (include all known wells and surface water supplies within 1/4 mile radius).,
   Public water.
5. Condition of vegetation (age, type, distressed?, etc.).....
   Vegetation in good condition.
6. Noted differences from topographic maps,
   None observed.
7. Potential offsite sources and pathways to subject site.....
   Subject property lies within a heavily industrialized area American Lacomotive had major manufacturing facilities in the immediate area which were subsequently sold to General Electric (see Location Map for surrounding property utilization).

E.) SURROUNDING PROPERTY UTILIZATION:

As mentioned above, the surrounding area has historically been utilized for heavy industrial purposes.

In the immediate area today there is less industrial usage. A filling station now exists on the northwest corner of the adjoining 2.5+- property. Southeast or "behind" the subject property and at increasingly higher elevations is a residential and light commercial neighborhood. Regional groundwater flow is to the northwest and the Mohawk River from this neighborhood according to our interpretation of the U S G S. Schenectady quadrangle map

III. SITE HISTC / AND USE:

A.) FORMER SITE JTILIZATION: Please refer to Appendix B for Sanbom map: showing historical utilization of property.

Historical maps from the mid 1800's show residential subdivisions on subject property The 1914 Sanbom map shows the subdivisions with the addition of a lumber yard on the southern pomon of the site. By 1930, American Locomotive Company had bought-out several of the residential properry owners and built a facility just west of the subject property The map also shows an open area on the ALCO property which is currently on the subject property

By 1914, **ALCO** had built an addition to the facility after buying-out still more of die residential property owners This addition is situated in about the same location as the current Big N building.

ALCO ceased operations around 1960. The site was razed and the Big N Plaza was constructed following the buy-out of the remaining residential properry owners by various interests in 1962,.

B.) CURRENT **SITE** UTILIZATION:

Currently, the Big N Shopping Plaza building on the subject properry houses the Visiting Nurses of Schenectady County and the Schenectady M&P Testing Laboratory, and provides storage space for a local casket company.

M&P Testing Lab employs mechanical and electrical testing equipment as well as sophisticated devices such as electron microscopes and atomic absorbtion spectrometers The small amounts waste generated by the l t are taken offsite for disposal.

IV. SOIL SAMPLING AND TESTING:

A limited soil sampling program was developed for the site because of its previous history as an American Locomotive Company manufacturing facility

Sample locations are given in Appendix D, Current Utilization Map. These sampling locations were chosen by inspecting the historical maps and determining likely places for contamination. Boring logs corresponding to each sample location are given in Appendix E. Note that little, if any, fill was encountered.. Each boring was monitored for volatile organics at the site using an HNU Photoionization Analyzer: The Analyzer did not register a positive reading for any of the samples..

Three soil samples were taken in each boring and the samples were cornposited between holes on the basis of depth. For example, the rop samples from borings SB-1 and SB-2 were composited for analysis. Refer to Appendix F for the analytical rest results. Included in Appendix F is a table showing typical concentrations of various inorganic substances in soils of northeastern United States as a basis for comparison

In our opinion, the concentrations of inorganics present in the samples are not sufficiently different from normal background values to warrant concern or further study..

V. *SUMMARY OF INT* VIEWS *A? J* **FILE** RE'IEW:

NAME

Health Department: *City* of Schenectady:
A representative of this office knew of no environmental complaints concerning the Big N property other than an occassional complaint concerning vectc s in the back of the buildi.g.
Fire Depar ment: C'' of Schenect :
Mr. Carl Derwig, As stant Chief, indicated thar he knew of no environmental concerns at the Big N property.
Engineering Office: City of Schenectady:
Mr. O'Brien, Assistant City Engineer, indicated that to his knowledge there wen: no underground storage tanks on the subject property
Document Review:
A review of the New York State List of Inactive Hazardous Waste Disposal Sires, the Federal CERCLLS list and the National Priority List did not reveal the presence of identified sites in close proximity to the subject property

VI. SUMMARY *CONCLUSIONS:*

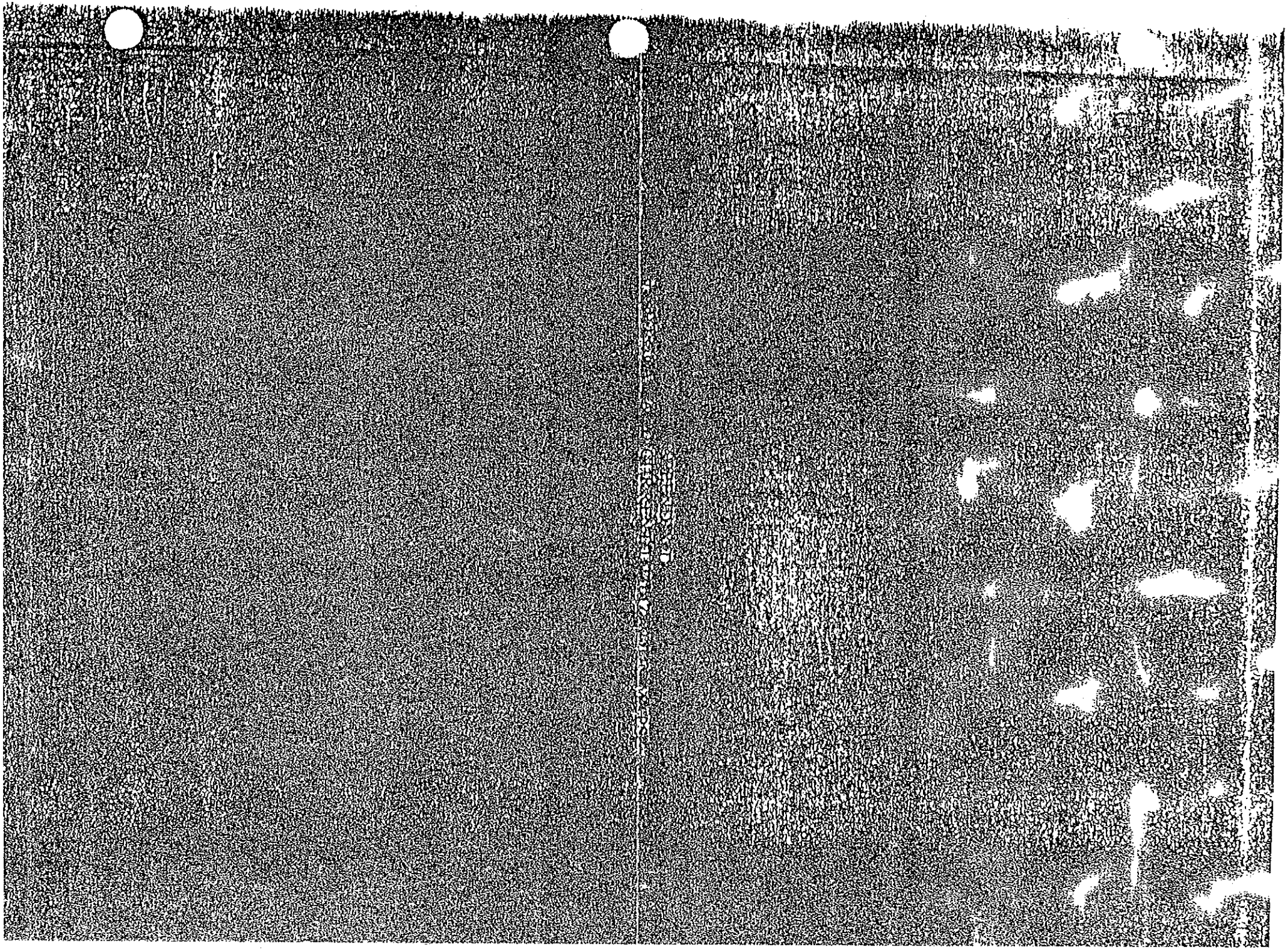
Based upon the observable characteristics, compiled information regarding the **subject property,** further **subsurface** soil investigation and laboratory testing is not **warranted** for the following reasons:

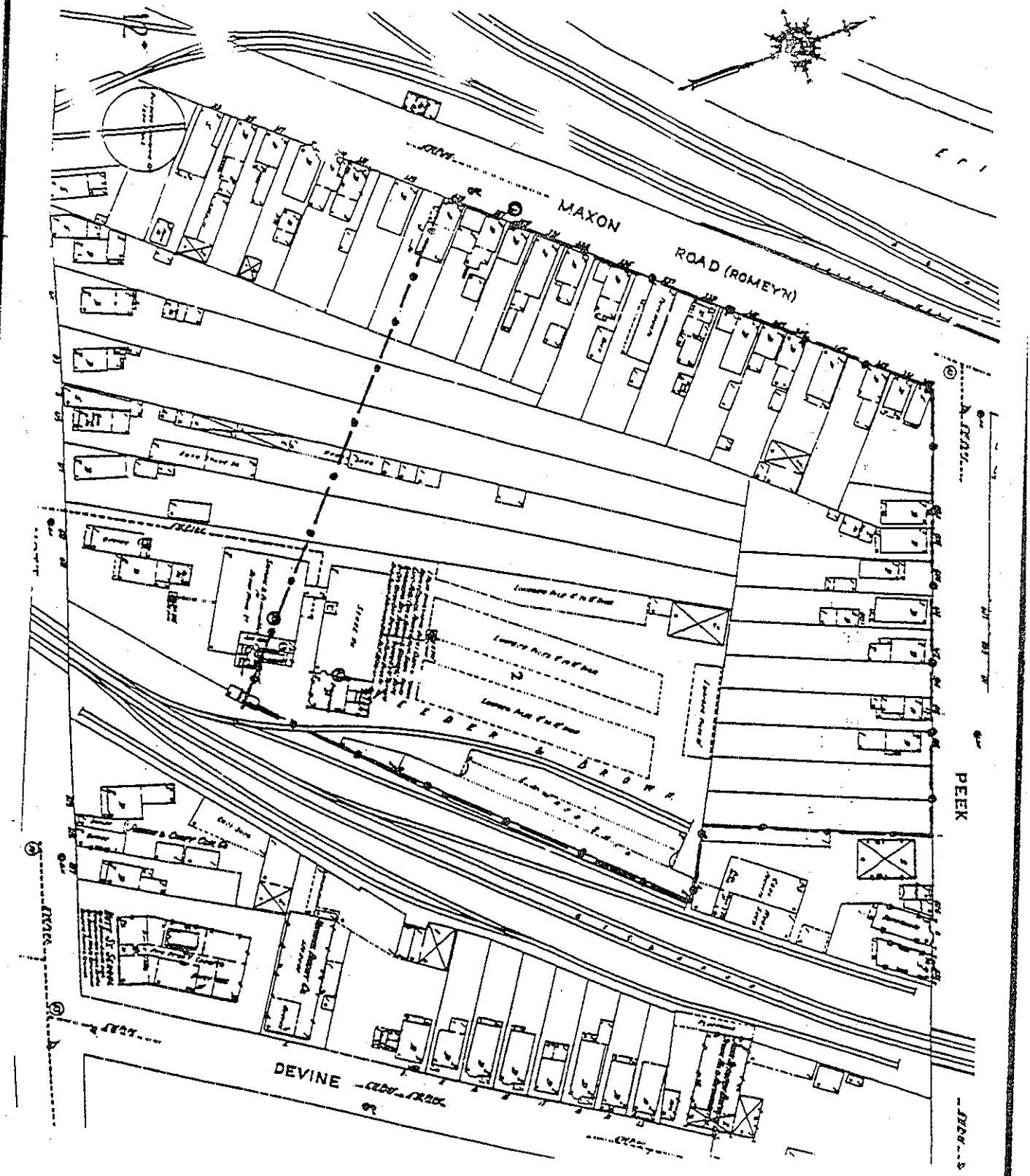
No evidence to suggest subject property has been significantly impacted by substances of concern..

Photographs attached: Yes No Number

Copies of documents attached Yes No Number

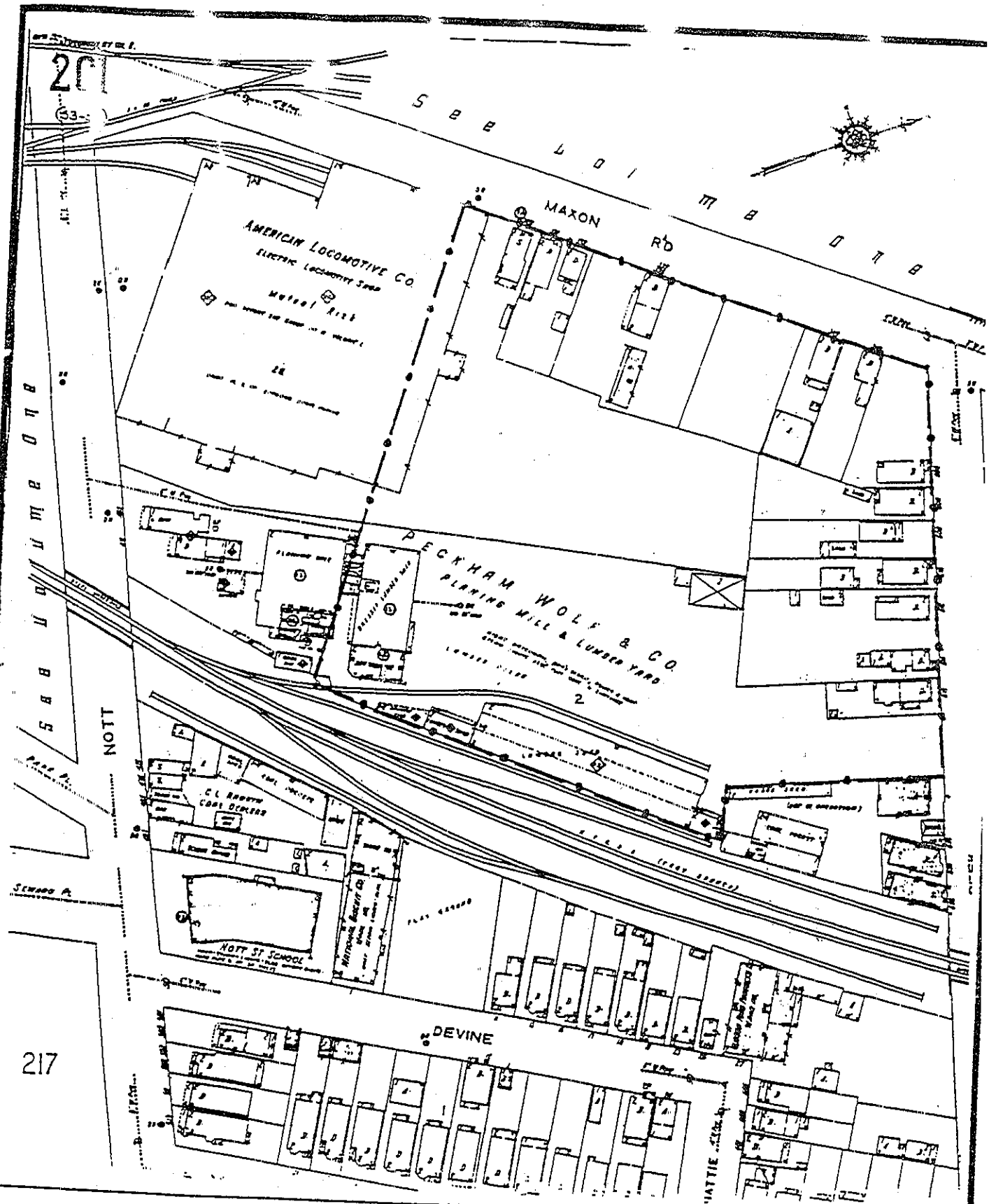
Form Completed by: _____ Date: _____





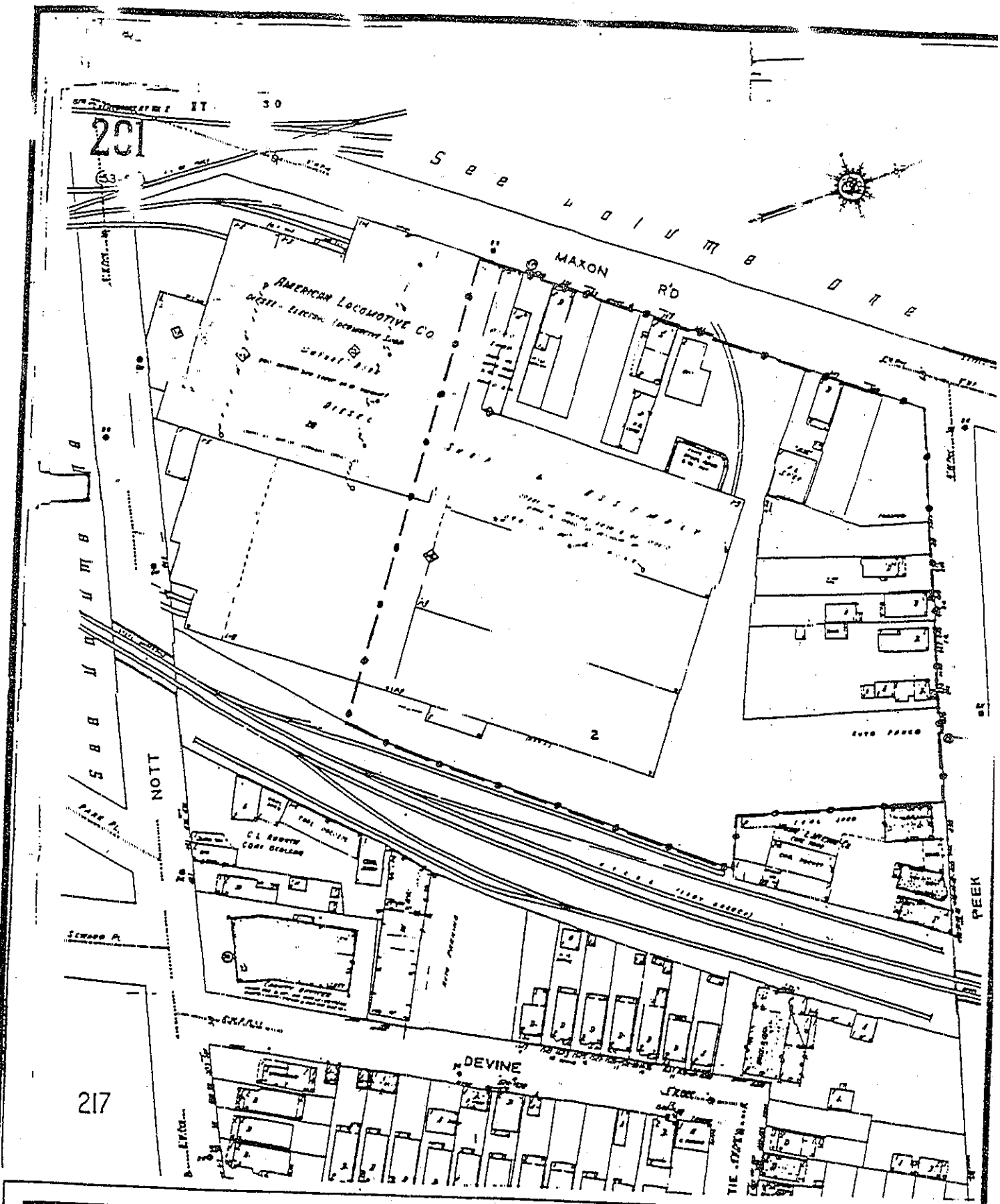
Historical Site Utilization: 1914
Source: Sanborn Map Company
Scale: 0 ——— 100 feet
—•—•— Limit of Study Area

GEOSCIENCE CORP



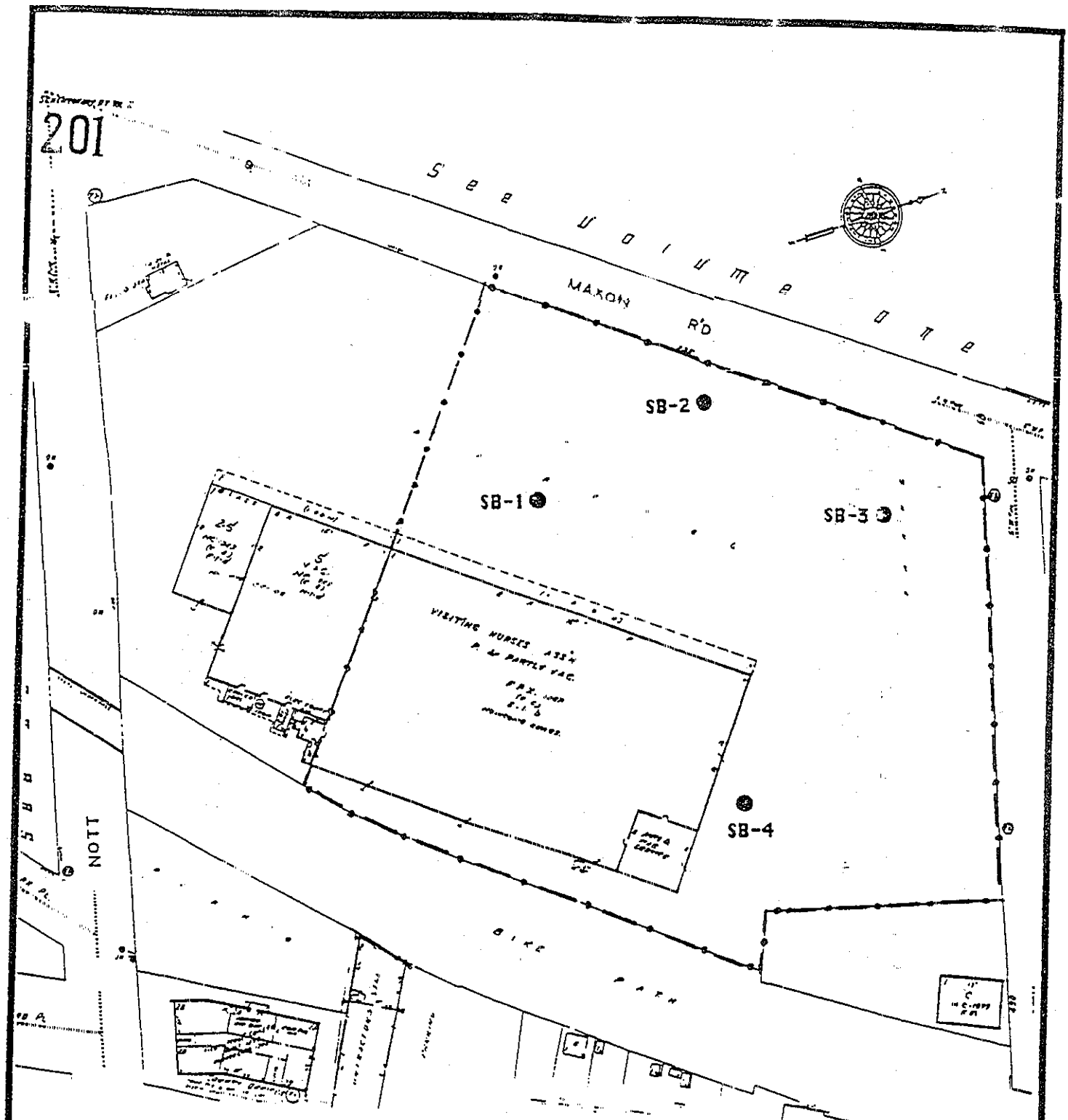
Historical Site Utilization: 1930
Source: Sanborn Map Company
Scale: 0 —— 100 feet
—•—•— Limit of Study Area

GEOSCIENCE CORP



GEOSCIENCE CORP

Historical Site Utilization: 1949
Source: Sanborn Map Company
Scale: 0 —— 100 feet
—•—•— Limit of Study Area



Current Site Utilization: 1988
Source: Sanborn Map Company
Scale: 0 —— 100 feet
—•—•— Limit of Study Area
Boring Location

GEOSCIENCE CORP

Dunn Geoscienc Corporation
Albany, NY (518)458-7313

Test Boring Log

Boring No. SB-1 1

Sheet 1 of 1

Project: Eugene Weiss - Big N

Client:

Job No. 2631-1-1292

Drilling Contractor: Soil and Material Testing, Inc.

Meas Pt. Elev.

Purpose: RETRA

Ground Elev

Drilling Method: Rotary		SAMPLE	CORE	CASING
Drill Rig Type: Joy	TYPE	SS		
Groundwater Depth:	DIAM	1.5"		
Measuring Point: Grade	WEIGHT	140#		
Date Of Meas.:	FALL	30'		

Datum

Date Started 6/16/89

Date Finished 6/16/89

Driller Richard Stone

Inspector Bill Toran

Depth (Feet)	Sample Numbers	Blow Counts	Unified Classification	Visual Log Description	Geologic Description	Remarks
	001				Asphalt 0.3' Dkbrcmf(+)S, l$, tfG ~3.0'	Rec=2.0' Moist
5	002				Br Cy$ s, fS Brown CLAYEY SILT some, fine Sand.	Rec=2.0' Moist
7						
10	003				Gr , sCy$, lfG	Rec=2.0' WET
12					End of Boring at 12.0'	
15						
20						

Dunn Geoscience Corporation Albany, N: (518) 458-1313	Test Boring Log	Boring No.
Project : E..gene Wels · Big N		Sheet 1 of 1
Client :		h No 2631-1-1202
Drilling Contractor :Soil and ...terial Testing, Inc.		Meas. Pt. Elev.
Purpose : RETRA		Ground Elev
Drilling Method: Rotary	SAMPLE / CORE / CASING	Datum
Drill Rig Type: Joy	TYPE: SS	Date Started 6/16/89
Groundwater Depth:	DIAM: 1.5"	Date Finished 6/16/89
Measuring Point: Grade	WEIGHT: 140#	Driller Richard Stone
Date Of Meas.::	FALL: 30"	Inspector Bill T o m

Depth (Feet)	Sample Numbers	Blow Counts	Unified Classif-ication	Visual Log Description	Geologic Description	Remarks
					Asphalt 0.3'	
	004				Brgrm(+)fS, sCy$, lm(-)fG	Rec=2.0' Moist/WET
5						
	005				Br cmfS, s$, tfG Brown coarse to fine SAND, some Silt, trace fine Gravel.	Rec=2.0' WET
10	006				Gr cmfS, a Cy$, sfG	Rec=2.0' Moist/WET
					End of Boring at 12.0'	
15						
20						

Dunn Geoscience Corporation Albany, NY (518) 458-1[illegible] 3	Test Boring Log	Boring No. SB-3
Project: Eugene Weiss . Big N		Sheet 1 1
Client:		Job No. 2r .-1-1202
Drilling Contractor: So~!.,a Material Testin Inc.		Meas. Pt Elev.
Purpose: RETRA		Ground Elev
Drilling Method: Rotary	SAMPLE / CORE / CASING	Datum
Drill Rig Type: Joy	T	Date Started 6/16/89
Groundwater Depth:	DIAM 1.5"	Date Finished 6/16/89
Measuring Point Grade	WEIGHT 140#	Driller Richard Stone
Date Of Meas.::	FALL 30"	Inspector Bill Toran

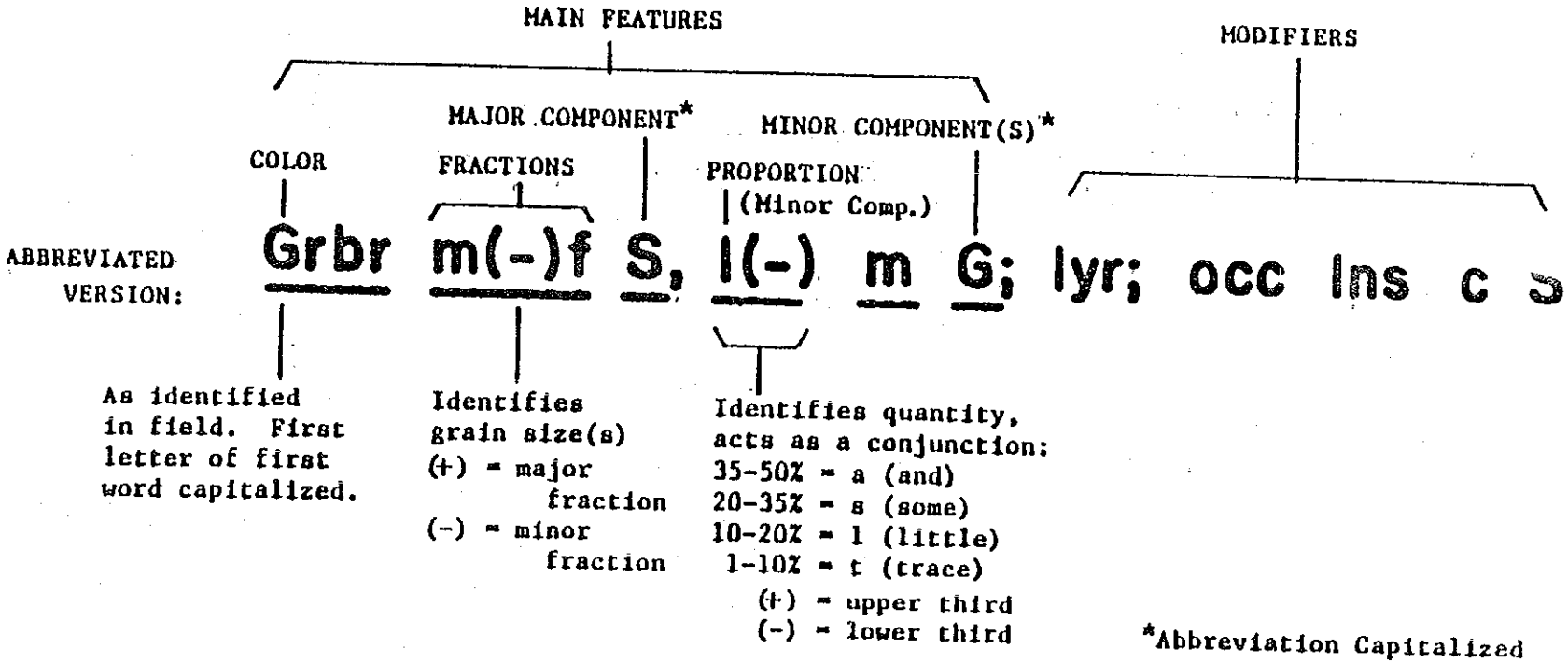
Depth (Feet)	Sample Numbers	Blow Counts	Unified Classification	Visual Log Description	Geologic Description	Remarks
	007				Asphalt 0.3' Lt br cmf(+)S, s$	Rec=2.0' Moist
					~4.0'	
5	008				Brgr cmS, s$ lfG Brown gray coarse medium SAND, some Silt, little fine Gravel.	Rec=1.7' WET
					(TILL)	
10	009				GrfS, sCy$, lfG	
					End of Boring at 120'	
15						
20						

Dunn Geoscience Corporation Albany, NY (518) 458-1313	Test Boring Log	Boring No. SB-4
Project: Eugene Weiss - Big N		Sheet 1 of 1
Silent:		Job No. 2631-1-02
Drilling Contractor: soil and Material Testing, Inc.		Meas. Pt. Elev.
Purpose: RETRA		Ground Elav.

Drilling Method: Rotary		SAMPLE	CORE	CASING	Datum
Drill Rig Type: Joy	TYPE	SS			Date Started 6/16/89
Groundwater Depth:	DIAM	1.5"			Date finished 6/89
Measuring Point: Grade	WEIGHT	140#			Driller *Richard* Stone
Date Of Meas.::	FALL	30'			Inspector Bill Toran

Depth (Feet)	Sample Numbers	Blow Counts	Unified Classification	Visual Log Description	Geologic Description	Remarks
					Asphalt 0.3'	
	010				Gr, cmf(+)S, sCy$, lfG	Rec=2.0' Moist
5	011				Gr cmf(+)S, sCy$, lfG Gray coarse to fine (+)SAND, some Clayey Silt, little fine Gravel.	Rec=0.75' WET
					(TILL)	
10	012				Do	Rec=0.4' Moist
					End of Boring at 12.0'	
15						
20						

MODIFIED BURMISTER SYSTEM



NABBREVIATED VERSION: gray brown medium (-) to fine SAND, little (-) medium Gravel; layered; occasional lens coarse Sand (SP).

UNIFIED SOIL CLASSIFICATION:** Adequate for a generalized stratum description.

Dames Geoscience Corporation uses a modified BURMISTER SYSTEM for detailed identification of soil components, fractions, and proportions. The UNIFIED SOIL CLASSIFICATION,** based upon field data, is also presented.

VISUAL IDENTIFICATI OF SAMPLES

The samples were identified in accordance wit American Society lor Engineer Education System of Definition

I. Definition of Soil Components mad Fractions

Material	Symbol	Fraction	Sieve ize	Definition
Boulders	Bldr	—	9" +	Material retained on 9" sieve.
Cobbles	Cbl	—	3' to 9'	Material passing the 9' sieve and retained on the 3" sieve.
Gravel	G	coarse (c) medium (m) fine (f)	I to 3 ½" to 1" Ha 10 to ½"	Material passing the 3" sieve and retained on the Ha 10 sieve.
Sand	S	coarse (c) medium (m) fine (f)	Ha. 30 to No 10 Na 60 to Na 30 No 200 to Nb 60	Material passing the Ha. 10 sieve and retained on the No. 200 sieve.
Silt	$	—	Passing No. 200 (0.074 mm)	Material passing the Ha. 200 sieve that is plastic in character and exhibits little or no st when air dried

Organic Silt (OS)
Material passing the Ha. 200 sieve which exhibits plastic properties within a certain range of moisture content, and exhibits fins granular and organic characteristics.

		Plasticity	Plasticity Index
Clayey SILT	Cy$	Slight (Sl)	1 to 5
SILT & CLAY	$&C	Low (L)	5 to 10
CUY & SILT	C&$	Medium (M)	10 to 20
Silly CLAY	$yC	High (H)	20 to 40
CLAY	C	Very High (VH)	40 plus

Clay-Soil
Material passing the Ha. 200 sieve which ca mads lo exhibit plasticity and day qualities w a certain range of moisture content, and v exhibits considerable strength when air-dried

II. Definition of Component Proportions

Component	Written	Proportions	Symbol	Percentage Range by Weight *
Principal	CAPITALS	—		50 or more
Minor	Lower Case	and	a.	35 to 50
		some	s.	20 to 35
		little	l.	10 in 20
		trace	t.	1 to 10

* Minus sign (—) lower limit, plus sign (+) upper limit, no s i p middle range.

III. Glossary a4 Modifying Abbreviations

Category	Symbol	Term	Symbol	Term	Symbol	Term
A Bonn~:	U/D	Undisturbed	B	Exploratory	A	Auger
B. Sample	C	Casing	L	Lost	U	Undisturbed
	D	Denison	S	Spoon	W	Wash
	E	Open End				
C. Colors	bk	black	gn	green	wh	white
	bl	blue	or	orange	yw	yellow
	br	brown	rd	red	dk	dark
	gr	gray	tn	tan	lt	light
D. Organic Soils	dec	decayed	o	organic	veg	vegetation
	dec'g	decaying	rts	roots	pt	peat
	lig	lignite	ts	topsoil		
E. Rocks	LS	Limestone	rk	rock	Shst	Schist
	Gns	Gneiss	SS	Sandstone	Sh	Shale
F. Fill and Miscellaneous Materials	bldr (s)	boulder (s)	cbl (s)	cobble(s)	gls	glass
	brk (s)	brick (s)	wd	wood	misc	miscellaneous
	cndr (s)	cinder (s)	dbr	debris	rbl	rubble
G. Miscellaneous Terms	do	ditto	pp	pocket penetrometer	ref	refusal
	el, El	elevation			sm	small
	fgmt (s)	fragment(s)	P. I.	Plasticity Index	W. L.	water level
	frqt	frequent			W. H.	weight of ham
	lrg	large	P	pushed pressed	W. R	weight of roc
	mtld	mottled				
	no rec	no recovery	pc (s)	piece (s)		
	pen	penetration	rec or R			
H. Stratified Soils	alt	alternating				
	thk	thick				
	thn	thin				
	w	with				
	prt	parting	— 0 to 1/16" thickness			
	seam	seam	— 1/16 to ½" thickness			
	lyr	layer	— ½ to 12" thickness			
	stra	stratum	— greater than 12" thickness			
	vvd c	varved Clay	— alternating seams or layers of sand, silt and clay			
	pkt	pocket	— small, erratic deposit, usually less than 1 foot			
	lns	lens	— lenticular deposit			
	occ	occasional	— one or less per foot of thickness			
	freq	frequent	— more than one per foot of thickness			

ENVIROTECH RESEARCH, INC.

Dunn Geoscience, Inc.
12 Metro Park Road
Albany, NY 12205
Attention: Mr. Dave Rollins

Report Date: 6/27/89
Job No.: 5443 - Weiss
N.J. Certified Lab No 12543

METALS

Lab No. 26469
Client ID: 001/004
86.1% Solid

Parameter	Units: mg/kg (Dry Weight)	Detection Limit Units: mg/kg	Method Code
Antimony	ND	1.0	F
Arsenic	3.7	1.0	F
Beryllium	ND	1.0	A
Cadmium	ND	1.0	A
Chromium	19	10	A
Copper	19	5.0	A
Lead	40	10	A
Mercury	0.12	0.1	CV
Nickel	12	8.0	A
Selenium	ND	1.0	F
Silver	ND	2.0	A
Thallium	ND	1.0	F
Zinc	62.5	4.0	A

Method Code: P-ICP, A-Flame AA, F-Furnace AA, CV-Manual Cold Vapor.

Note: This sample is a composite of the topmost soil samples from borings SB-1 and SB-2.

ENVIROTECH RESEARCH, INC.

Dunn Geoscience, Inc.
12 Metro Park Road
Albany, NY 12205
Attention: Mr. Dave Rollins

Report Date: 6/27/89
Job No.: **5443 - Weiss**
N.J. Certified Lab **No.** 12543
QA Batch 1214

PCB Analysis

Lab No. 26469
Client ID: 001/004
86.1% Solid

Parameter	Units: ug/kg (Dry Weight)	Detection Limit Units: ug/kg
PCB-1016	ND	100
PCB-1221	ND	100
PCB-1232	ND	100
PCB-1242	ND	100
PCB-1248	ND	100
PCB-1254	ND	100
PCB-1260	ND	100

Note: This sample is a composite of ***the*** topmost soil samples from borings SB-1 and SB-2.

ENVIROTECH RESEARCH, INC.

nn Geoscience, Inc.
12 Metro Park Road
Albany, NY 12205
Attention: Mr. Dave Rollins

Report Date: **6/27/89**
Job No.: 5443 - Weiss
N.J. Certified Lab No. 12543

METALS

Lab No. **26471**
Client ID: 002/005
82.1% Solid

Parameter	Units: mg/kg (Dry Weight)	Detection Limit Units: mg/kg	Method Code
Antimony	ND	1.0	F
Arsenic	3.5	1.0	F
Beryllium	ND	1.0	A
Cadmium	ND	1.0	A
Chromium	24	10	A
Copper	23	5.0	A
Lead	16	10	A
Mercury	ND	0.1	CV
Nickel	14	8.0	A
Selenium	ND	1.0	F
Silver	ND	2.0	A
Thallium	ND	1.0	F
Zinc	55	4.0	A

Method Code: P-ICP, A-Flame AA, F-Furnace, CV-Manual Cold Vapor.

Note: **This sample is a composite of the middle soil. samples from borings SB-1 and SB-2.**

ENVIROTECH RESEARCH, INC.

Dunn Geoscience, Inc.
12 Metro Part Road
Albany, NY 12205
Attention: Mr. Dave Rollins

Report Date: 6/27/89
Job No.: 5443 - Weiss
N.J. Certified Lab No. 12543
QA Batch 1214

PCB Analysis

Lab NO. 26471
Client ID: 002/005
82.1% Solid

Parameter	Units: ug/kg (Dry Weight)	Detection Limit Units: ug/k
PCB-1016	ND	100
PCB-1221	ND	100
PCB-1232	ND	100
PCB-1242	ND	100
PCB-1248	ND	100
PCB-1254	ND	100
PCB-1260	ND	1.00

Note: Ihis sample is a composite of the middle soil samples from borings SB-1 and SB-2.

ENVIROTECH RESEARCH, INC.

Dunn Geoscience, Inc.
12 Metro Park Road
Albany, NY 12205
Attention: Mr. Dave Rollins

Report Date: 6/27/89
Job No.: 5443 - Weiss
N.J. Certified Lab No. 12547

METALS

Parameter	Lab No. 26470 Client ID: 007/010 89.6% Solid Units: mg/kg (Dry Weight)	Detection Limit Units: mg/kg	Method Code
Antimony	ND	1.0	F
Arsenic	5.8	1.0	F
Beryllium	ND	1.0	A
Cadmium	ND	1.0	A
Chromium	35	10	A
Copper	32	5.0	A
Lead	23	10	A
Mercury	ND	0.1	CV
Nickel	24	8.0	A
Selenium	ND	1.0	F
Silver	ND	2.0	A
Thallium	ND	1.0	F
Zinc	79.9	4.0	A

Method Code: P-ICP, A-Flame AA, F-Furnace AA, CV-Manual Cold Vapor.

Note: Ihis sample is a composite of the topmost soil samples from borings SB-3 and SB-4.

ENVIROTECH RESEARCH, INC.

Dunn Geoscie :e, Inc.
12 Metro Par. Road
Albany, NY 12205
Attention: Mr. Dave Rollins

Report Date: 6/27/89
Job No., 5443 - Weiss
N.J. Certified Lab No. 12543
QA Batch 1214

PCB Analysis

Lab No. 25470
Client ID: 007/010
89.6% Solid

Parameter	Units: ug/kg (Dry Weight)	Detection Limit Units: ug/kg
PCB-1016	ND	100
PCB-1221	ND	100
PCB-1232	ND	100
PCB-1242	ND	100
PCB-1248	ND	100
PCB-1254	ND	100
PCB-1260	ND	100

Note: Ihis sample is a composite of the ropmosr soil samples from borings SB-3 and SB-4.

ENVIROTECH RESEARCH, INC.

Dunn Geoscience, Inc.
12 Metro Park Road
Albany, NY 12205
Attention: Mr. Dave Rollins

Report Date 6/27/89
Job NO.: 5443 - Weiss
N.J. Certified Lab NO. 12543
QA Batch 1214

PCB Analysis

Parameter	Lab No. 26472 Client ID: 008/011 91.6% Solid Units: ug/kg (Dry Weight)	Detection Limit Units: ug/kg
PCB-1016	ND	100
PCB-1221	ND	100
PCB-1232	ND	100
PCB-1242	ND	100
PCB-1248	ND	100
PCB-1254	ND	100
PCB-1260	ND	100

Note: This sample is a composite of the middle soil samples from borings SB-3 and SB-4.

ENVIROTECH RESEARCH, INC.

Dunn Geoscience, Inc.
12 Metro Park Road
Albany, NY 12205
Attention: Mr. Dave Rollins

Report Date: 6/27/89
Job No.: 5443 - Weiss
N.J. Certified Lab No. 12543

METALS

Parameter	Lab No. 264'72 Client ID: 008/011 91.6% Solid Units: mg/kg (Dry Weight)	Detection Limit Units: mg/kg	Method Code
Antimony	ND	1.0	F
Arsenic	4.8	1.0	F
Beryllium	ND	1.0	A
Cadmium	ND	1.0	A
Chromium	26	10	A
Copper	25	5.0	A
Lead	19	10	A
Mercury	ND	0.1	CV
Nickel	16	8.0	A
Selenium	ND	1.0	F
Silver	ND	2.0	A
Thallium	ND	1.0	F
Zinc	59.8	4.0	A

Method Code: P-ICP, A-Flame AA, F-Furnace AA, CV-Manual Cold Vapor.

Note: This sample is a composite of the middle soil samples from borings SB-3 and SB-4.

AVERAGES AND RANGES OF THE CONCENTRATION OF SOME ELEMENTS
IN UNCONTAMINATED SOILS
All values in ppm, dry weight

	Average Conc. of Element Found in Uncontaminated Soils	References for Averages	Concentration Range of Element Found in Uncontaminated Soils	References for Ranges
Aluminum	Eastern U.S.* 33,000	8, 43	Albany, NY Area 1,000 - 25,000	8, 43
	Agricultural Soil 0 - 30 cm Eastham, MA 34,000	24		
Arsenic	5	5, 8, 16, 29, 36, 40, 43, 44, 50, 53	U.S. Range 0.1 - 45	1, 5, 36, 50 53
			NYS 3-12	52
			Albany Area <0.1-6.5	43
Barium	Average abundance in earth's crust 430	31	NYS 15-600	43, 44
	Eastern U.S.* 290	8, 43	Albany Area 250-350	43
	Eastham, MA Soil 180	24		
Beryllium	All Soils 0.3	5	All Soils 0.1-10	31, 50
	Eastern U.S.* 0.6	8, 43, 44	Canadian Surface Soils 0.1 - 0.89	1
			NYS 0 - 1.75 (except for 1 sample 1.75-7)	43, 44
			Albany Area 0 - 0.9	43, 44
Cadmium	Average abundance in earths crust 0.15-0.2	31, 36	0.01 - 2	5
	26 MA soils and 15 northeastern soils 0.2	13, 26	0.0001 - 1.0	26, 35, 41, 47
			soils of nonvolcanic origin 0.01-1.0	11
	0.35	5	soils of volcanic origin up to 0.45	11
	98 NYS mineral agricultural soils 0.21	26	26 MA soils 0.01 - 0.88	26

AVERAGES AND RANGES OF THE CONCENTRATION OF SOME ELEMENTS IN UNCONTAMINATED SOILS
All values in ppm, dry weight

	Average Conc. of Element Found in Uncontaminated Soils	References for Averages	Conc. Range of Element Found in Contaminated Soil	Reference for Range
Aluminum	Eastern U.S.* 33,000	8, 43	Albany, the Area 1,000 - 2?,000	8, 43
	Agricultural Soil 0 - 30 cm Eastham, MA 34,000	24		
Arsenic	5	5, 8, 16, 29, 36, 40, 43, 44, 50, 53	U.S. Range 0.1 - 45	1, 5, 29, 36, 50, 53
			NYS 3-12	52
			Albany Area <0.1-6.5	43
Barium	Average abundance in earth's crust 430	31	NYS 15-600	43, 44
	Eastern U.S.* 290	8, 43	Albany Area 250-350	43
	Eastham, MA Soil 180	24		
Beryllium	All Soils 3.3	5	All Soils 0.1-10	31, 50 -
	Eastern U.S.* 0.6	8, 43, 44	Canadian Surface Soils 0.1 - 0.89	1
			NYS 0 - 1.75 (except for 1 sample 1.75-7)	43, 44
[illegible]	Average abundance in earths crust 0.15-0.2	31, 36	0.01 - 2	5
	26 HA soils and 15 northeastern soils 0.2	13, 26	0.0001 - 1.0	26, 35, 41, 47
			soils of nonvolcanic origin 0.01-1.0	11
	0.35	5	soils of volcanic origin up to 0.45	11
	98 NYS mineral agricultural soils 0.21	26	26 MA soils 0.01 - 0.88	26

	Average Conc. of Element Pound in uncontaminated Soils	References for Averages	Conc. Range of Element Pound in Uncontaminated Soils	Referenc for Rang
Iron	Eastern U.S.* 14,000	8, 43	2.000 - 550.000	5
	Eastham MA Aqr.. Soil 13,000	24	700 - 100,000	23, 43
			Eastham, MA 11,000-14,000	24
			Albany Area 17,500 - 25,000	8, 43
Lead	All soils 10	5, 36. 50	Range in "normal" soils 10-37	1. 33
	Eastern U.S.* 14	8, 29, 33, 43	95% of U.S. soils 4-61	29
	98 NJ agr. soils mineral 15	26	Albany Area 1 - 12.5	8, 43
	organic 20			
	173 NY agr. soils 17	47		
Magnesium	All soils 6,300	50	400 - 9,000	5
	Eastern U.S.* 2,300	8	100 - 5,000	8, 43
	2,100	43		
			Albany Area 2,500 - 6,000	8
			1,700 - 4,000	43
Manganese	All soils 850	1, 50	100 - 4,000	1
	Eastern U.S.* 285	8	10 Agr. NJ soils 130-1,560	39
	260	43		
	10 Agr. NJ Soils 789	38	NJ Cultivated Soils 264-736	4
	Eastham, MA Agr. Soil 345	24	NYS 50-5,000	8, 43
			Albany Area 400-600	8. 43
Mercury	All Soils 0.06	1, 2, 5	0.001 - 0.2	2. 13, 28 50
	Eastern U.S.* 0.081	43	Albany Area 0.042 - 0.066	43

	Average Conc. of Element Found in Uncontaminated Soils		References for Averages	Conc. Range of Element found in Uncontaminated Soils	References for Range
Calcium	Eastern U.S.*	3,400	8, 23	Eastern U.S.* 100-28,000	43
	70 Residential Soils. Mich.	2,300	22	Eastern U.S.* 100-16,000	8
	91 Agricultural Soils. Mich.	1,400	22	NYS 130-35,000	43
	127 NYS Agricultural Soils	1,850	21	Albany Area 130-5,000	44
				Albany Area 2,900-6,500	43
Chromium	Canadian soils	43	6	Most U.S. soils 25-85	1
	World soils	20	50	Eastern U.S.* 1-100	8
	Eastern U.S.*	33	8,43	10 NJ soils 20-75	39
				NYS 1.5-40	8
				Albany Area 1.5-25	8, 43
Cobalt	All soils	7	5, 8, 31, 36, 50	0.1-40	14, 36
	Eastern U.S.*	5.9	43	NJ Agr.. Soils 2-18	39
				NYS 2.5-60	8, 43
				Albany Area 2.5-6	43
Copper	All soils	30	26	2-250	5, 36
	All soils	20	36, 49, 50	10-80	23
	10 NJ Agr. Soils	23	39	1-10 under humid conditions	14
	Eastern U.S.*	13	8.43	up to 50 in arid conditions	14
				26 MA Soils 5-38	26
				Albany Area <1-15	8, 43

	Average Conc. of Element Found in Uncontaminated Soils	References for Averages	Conc. Range of Element Found in Uncontaminated Soils	Referer for Rar
Mercury (cont.)	234 samples Sackatchewan. Canada 0.081	15		
	Northeastern U.S. upper limit 0.04	10		
Nickel	All Soils 40	5, 26. 36, 50	0.5 - 60	26. 39.
	All Soils 20	1	26 MA Agr. Soils 6-41	25
	173 Agr. Soils 19.5	47	NYS 0.5-25	8
	Eastern US. 12	8.43	Albany Area 6-12.5	8, 43
Potassium	U.S. Average 12.000	5, 8, 20, 24, 50	All Soils 100-37,000	5, 8, 2
	Eastern U.S.* 7,400 12,000	8 43	NYS 8,500-43,000	43
			Albany Area 12,500 - 17,500	42, 43
Selenium	0.2	12, 36	0.01 - 12	5, 36
	Eastern U.S.* 0.3	43	Eastern U.S. <0.1-3.9	43
	Eastham, MA 3.5	24	Albany Area <0.1-0.125	43
Sodium	All Soils 6,300	50	Eastern U.S.* <500-50,000 150-15,000	43 8
	Eastern U.S.* 2,500	8, 43	Albany Area 6.000 - 8.000	43
Vanadium	A11 Soils 100	5. 50	Eastern U.S.* 1-300	8, 43
	Eastern U.S.* 43	8, 43	10 NJ Agr. Soils 11-119	50
	10 NJ Agr. Soils 53.6	39	50 U.S. Soils 2-270	39
			Albany Area 25-60	

	Average Conc. of Element Found in Uncontaminated Soils	References for Averages	Conc. Range of Element Found in Uncontaminated Soils	Referen for Ran
Zinc	50	26, 36, 41, 50	All Soils 10-300	26, 36,
	Eastern U.S.* 40	8, 24, 29, 43	9-50	31
	173 NY Agr. Soils 64	47	Albany Area 37-60	43

* Eastern U S. Soil values are the geometric mean element concentration from a depth of 24 cm, in soils east of the 97th meridian.

TABLE OF CONTENTS

Analytical Methodology Summary

Volatile Organics:

Water samples are analyzed for volatile organics by purge and trap GC/MS as specified in U.S. EPA Method 624. Solid samples are analyzed for priority pollutant volatile organics as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8240.

Acid and Base/Neutral Extractable Organics:

Water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with U.S. EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable priority pollutants as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by U.S. EPA Methods 624, 625, 8240 and 8270. Nontarget compound analysis is conducted using a forward library search of rhe EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatiles, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides and PCBs:

Water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in U.S. EPA Method 608. Solid samples are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8080.

Petroleum Hydrocarbons:

Water samples are analyzed for total petroleum hydrocarbons by I.R. using U.S. EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with SW-846 Method 3540, as modified by the Draft "N.J. DEP ECRA Sampling Plan Guide", Attachment 2 page 9, and analyzed by U.S. EPA Method 418.1.

Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Merccry)

Water analyses are performed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition).

Specific method references for ICP analyses are water Method 200.7 and solid Method 6010. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1 and solid Method 7471. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method		Solid Test Method	
	Flame	Furnace	Flame	Furnace
Aluminum	202.1	202.2	7020	--
Antimony	204.1.	204.2	7040	7041
Arsenic	--	206.2	--	7060
Barium	208.1	--	7080	--
Beryllium	210.1	210.2	7090	7091
Cadmium	213.1	213.2	7130	7131
Calcium	215.1	--	7140	--
Chromium, Total	218.1	218.2	7190	7191
Chromium, (+6)	218.4	218.5	7197	7195
Cobalt	219.1	219.2	7200	7201
Copper	220.1	220.2	7210	--
Iron	236.1	236.2	7380	--
Lead	239.1	239.2	7420	7421
Magnesium	242.1	--	7450	--
Manganese	243.1	243.2	7460	--
Nickel,	249.1	249.2	7520	--
Potassium	258.1	--	7610	--
Selenium	--	270.2	--	7740
Silver	2'72.1	272.2	7760	--
Sodium	273.1	--	7770	--
Thallium	279.1	279.2	7840	7841
Vanadium	286.1	286.2	7910	7911
Zinc	289.1	289.2	7950	--

Cyanide:

Water samples are analyzed for cyanide using U.S. EPA Method 335.2. Cyanide is determined in solid samples as specified in the U.S. EPA, Contract Laboratory Program IFB dated December 198'7.

Phenols:

Water samples are analyzed for total phenols using U.S. EPA Method 420.1. Total phenols are determined in solid samples by preparing the sample as outlined in the U.S. EPA, Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 42'0.1.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability - Method 1020

Corrosivity - Water pH Method 9040
Soil pH Method 9045

Reactivity - Chapter 7, Section 7.3.3 and 7.3.4 respectively for hydrogen cyanide and hydrogen sulfide release.

EP Toxicity - Method 1310

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November' 1986..
- Standard Methods for the Examination of Water and Wastewater, 16th Edition..
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

DATA REPORTING QUALIFIERS

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

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

ENVIROTECH RESEARCH, INC.

Dunn Geoscience, Inc.
12 Metro Park Road
Albany, NY 12205
Attention: Mr. Dave Rollins

Report Date: 6/27/89
Job No.: 5443 - Weiss
N.J. Certified Lab No. 12543
QA Batch 1214

PCB Analysis

Parameter	Lab No. 26469 Client ID: 001/004 86.1% Solid Units: ug/kg (Dry Weight)	Detection Limit Units: ug/kg
PCB-1016	ND	100
PCB-1221	ND	100
PCB-1232	ND	100
PCB-1242	ND	100
PCB-1248	ND	100
PCB-1254	ND	100
PCB-1260	ND	100

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Report Date: 6/27/89
Job No.: 5443 - Weiss
N.J. Certified Lab No. 12543

METALS

Parameter	Lab No. 26469 Client ID: 001/004 86.1% Solid Units: mg/kg (Dry Weight)	Detection Limit Units: mg/kg	Method Code
Antimony	ND	1.0	F
Arsenic	3.7	1.0	F
Beryilium	ND	1.0	A
Cadmium	ND	1.0	A
Chromium	19	10	A
Copper	19	5.0	A
Lead	40	10	A
Mercury	0.12	0.1	CV
Nickel	12	8.0	A
Selenium	ND	1.0	F
Silver	ND	2.0	A
Thallium	ND	1.0	F
Zinc	62.5	4.0	A

Method Code: P-ICP, A-Flame AA, F-Furnace AA, CV-Manual Cold Vapor

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Albany, NY 12205
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Report Date: 6/27/89
Job No.: 5443 - Weiss
N.J. Certified Lab No. 12543
QA Batch 1214

PCB Analysis

Parameter	Lab No. 26470 Client ID: 007/010 89.6% Solid Units: ug/kg (Dry Weight)	Detection Limit Units: ug/kg
PCB-1016	ND	100
PCB-1221	ND	100
PCB-1232	ND	100
PCB-1242	ND	100
PCB-1248	ND	100
PCB-1254	ND	100
PCB-1260	ND	100

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Report Date: 6/27/89
Job No.: 5443 - Weiss
N.J. Certified Lab No. 12543

METALS

Parameter	Lab No. 26470 Client ID: 007/010 89.6% Solid Units: mg/kg (Dry Weight)	Detection Limit Units: mg/kg	Method Code
Antimony	ND	1.0	F
Arsenic	5.8	1.0	F
Beryllium	ND	1.0	A
Cadmium	ND	1.0	A
Chromium	35	10	A
Copper	32	5.0	A
bead	23	10	A
Mercury	ND	0.1	CV
Nickel	24	8.0	A
Selenium	ND	1.0	F
Silver	ND	2.0	A
Thallium	ND	1.0	F
Zinc	79.9	4.0	A

Method Code: P-ICP, A-Flame AA, F-Furnace AA, CV-Manual Cold Vapor.

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Dunn Geoscience, Inc.
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Report Date: 6/27/89
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N.J. Certified Lab No. 12543
QA Batch 1214

?CB Analysis

Parameter	Lab No, 26471 Client ID: 002/005 82.1% Solid Units: ug/kg (Dry Weight)	Detection Limit Units: ug/kg
PCB-1016	ND	100
PCB-1221	ND	100
PCB-1232	ND	100
PCB-1242	ND	100
PCB-1248	ND	100
PCB-1254	ND	100
PCB-1260	ND	100

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Dunn Geoscience, Inc.
12 Metro Park Road
Albany, NY 12205
Attention: Mr. Dave Rollins

Report Date: 6/27/89
Job No.: 5443 - Weiss
N.J. Certified Lab No. 12543

METALS

Parameter	Lab No. 26471 Client ID: 002/005 82.1% Solid Units: mg/kg (Dry Weight)	Detection Limit Units: mg/kg	Method Code
Antimony	ND	1.0	F
Arsenic	3.5	1.0	F
Beryllium	ND	1.0	A
Cadmium	ND	1.0	A
Chromium	24	10	A
Copper	23	5.0	A
Lead	16	10	A
Mercury	ND	0.1	CV
Nickel	14	8.0	A
Selenium	ND	1.0	F
Silver	ND	2.0	A
Thallium	ND	1.0	F
Zinc	55	4.0	A

Method Code: 2-ICP, A-Flame AA, F-Furnace AA, CV-Manual Cold Vapor.

ENVIROTECH RESEARCH, INC.

Dunn Geoscience, Inc.
12 Metro Park Road
Albany, NY 12205
Attention: Mr. Dave Rollins

Report Date: 6/27/89
Job No.: 5443 - Weiss
N.J. Certified Lab No. 12543
QA Batch 1214

PCB Analysis

Parameter	Lab No. 26472 Client I.D: 008/011 91.6% Solid Units: ug/kg (Dry Weight)	Detection Limit Units: ug/kg
PCB-1016	ND	100
PCB-1221	ND	100
PCB-1232	ND	100
PCB-1242	ND	100
PCB-1248	ND	100
PCB-1254	ND	100
PCB-1260	ND	100

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Report Date: 6/27/89
Job No.: 5443 - Weiss
N.J. Certified Lab No. 12543

METALS

Parameter	Lab No. 264'72 Client ID: 008/011 91.6% Solid Units: mg/kg (Dry Weight)	Detection Limit Units: mg/kg	Method Code
Antimony	ND	1.0	F
Arsenic	4.8	1.0	F
Beryllium	ND	1.0	A
Cadmium	ND	1.0	A
Chromium	26	10	A
Copper	25	5.0	A
Lead	19	10	A
Mercury	ND	0.1	CV
Nickel	16	8.0	A
Selenium	ND	1.0	F
Silver	ND	2.0	A
Thallium	ND	1.0	F
Zinc	59.8	4.0	A

Method Code: P-ICP, A-Flame AA, F-Furnace AA, CV-Manual Cold Vapor.

ENVIROTECH RESEARCH, INC.

Dunn Geoscience, Inc.
12 Metro Park Road
Albany, NY 12205
Attention: Mr..Dave Rollins

Report Date: 6/27/89
Job No.: 5443 - Weiss
N.J. Certified Lab No. 12543
QA Batch No. 1214

QA SUMMARY - DUPLICATE and BLANK

PCBs - SOIL

Parameter	Sample Lab No. 26472SPK 91.6% Solid ug/kg (Dry Wt.)	Duplicate Lab No. 26472SPK 91.6% Solid ug/kg (Dry Wt.)	Lab Blank ug/kg[1]
PCB-1016	ND	ND	ND
PCB-1221	ND	ND	ND
PCB-1232	ND	ND	ND
PCB-1242	ND	ND	ND
PCB-1248	ND	ND	ND
PCB-1254	ND	ND	ND
PCB-1260	140	207	ND

MATRIX SPIKE RECOVERY

Parameter	AMOUNT ADDED (ug)	SAMPLE AMOUNT (ug)	MATRIX SPIKE AMOUNT (ug)	MS % REC
PCB-1260	5.0	0.0	3.85	77

[1]Blank concentration based on a 30 gram sample.

ENVIROTECH RESEARCH, INC.

QUALITY ASSURANCE SUMMARY

SOIL PCB SVRROGATE RECOVERY
BATCH No. i214

	ENVIROTECH SAMPLE #	S1 (DBC)
01	Lab Blank (6/23)	**60.1**
02	26469	6.1
03	26470	54.3
04	26471	59.4
05	26472	61.4
06	26472SPK	56.8
07	26472SPKDUP	46.6
08		
09		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

S1 (DBC) = Dibutylchlorendate

ADVISORY
% REC LIMITS
(24-154)

ENVIROTECH RESEARCH, INC.

Dunn Geoscience, Inc.
12 Metro Park Road
Albany, NY 12205
Attention: Mr. Dave Rollins

Report Date: 6/27/89
Job No.: 5443 - Weiss
N.J. Certified Lab No. 12543

QA SUMMARY - DUPLICATE and BLANK

METALS - SOIL

Parameter	Sample Lab No. 26471SPK 82.1% Solid mg/kg (Dry Wt.)	Duplicate Lab No. 26471SPK 82.1% Solid mg/kg (Dry Wt.)	Lab Blank mg/kg[1]
Antimony	2.8	3.0	ND
Arsenic	11.0	10.3	ND
Beryllium	10.2	10.4	ND
Cadmium	11.7	12.2	ND
Chromium	181	168	ND
Copper	80.8	82.8	ND
Lead	143	142	ND
Mercury2	0.58	0.72	ND
Nickel	132	131	ND
Selenium	1.53	2.16	ND
Silver	11.8	11.9	ND
Thallium	10.5	10.7	ND
Zinc	176	173	ND

[1]Blank concentrations based on the following sample weights:
All metals except mercury - 1.0 gram.
Mercury - 0.2 gram.

[2]Duplicate was run on Sample #26375SPK.

ENVIROTECH RESEARCH, INC.

QUALITY ASSURANCE SUMMARY
METALS
MATRIX SPIKE RECOVERY - SOIL

	AMOUNT ADDED (ug)	SAMPLE AMT. (ug)	MS AMT.. (ug)	MS % REC	% REC LIMITS
Sample #26471 Antimony	10.0	0.0	2.3	23N	75-125
Sample #26471 Arsenic	8.0	2.84	9.06	78	75-125
Sample #26471 Beryllium	10.0	0.0	8.4	84	75-125
Sample #26471 Cadmium	10.0	0.0	9.6	96	75-125
Sample #26471 Chromium	40.0	20.0	148	128N	75-125
Sample #26471 Copper	50.0	19.0	66.4	95	75-125
Sample #26471 Lead	100	14.0	118	104	75-125
Sample #26375 Mercury	0.1	0.02	0.095	75	75-125
Sample #26471 Nickel	100	11.8	108	96	75-125
Sample #26471 Selenium	2.0	0.0	1.26	63N	75-125
Sample #26471 Silver	10.0	0.0	9.8	98	75-125
Sample #26471 Thallium	10.0	0.0	8.66	87	75-125
Sample #26471 Zinc	100	45.6	144	99	75-125

N - Recovery outside limits.

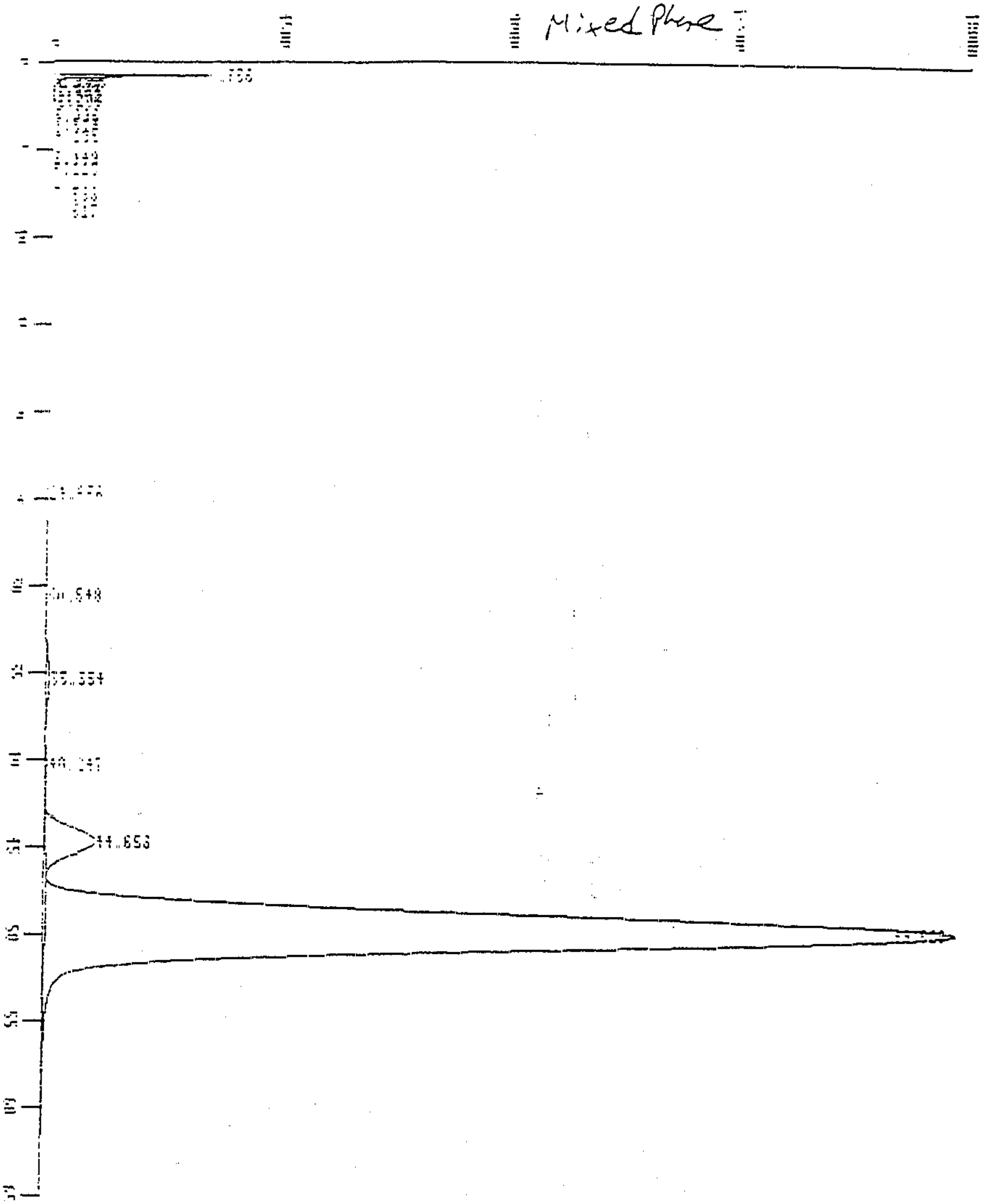
ENVIROTECH RESEARCH, INC.

QUALITY ASSURANCE SUMMARY
METALS
MATRIX SPIKE RECOVERY - SOIL

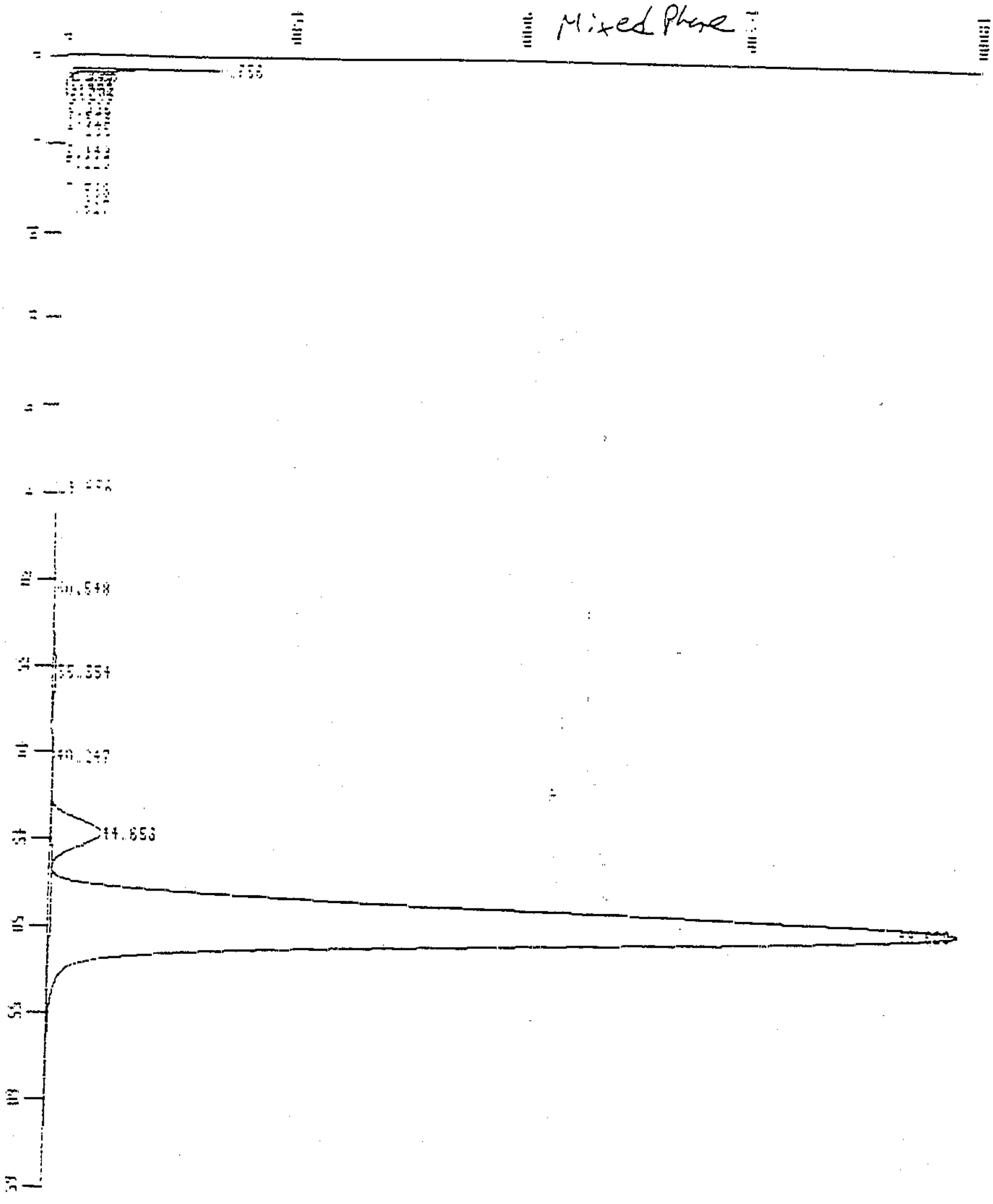
	AMOUNT ADDED (ug)	SAMPLE AMT. (ug)	MS AMT. (ug)	MS % REC	% REC LIMITS
Sample #26471 Antimony	10.0	0.0	2.3	23N	75-125
Sample #26471 Arsenic	8.0	2.84	9.06	78	75-125
Sample #26471 Beryllium	10.0	0.0	8.4	84	75-125
Sample #26471 Cadmium	10.0	0.0	9.6	96	75-125
Sample #26471 Chromium	40.0	20.0	148	128N	75-125
Sample #26471 Copper	50.0	19.0	66.4	95	75-125
Sample #26471 Lead	100	14.0	118	104	75-125
Sample #26375 Mercury	0.1	0.02	0.095	75	75-125
Sample #26471 Nickel	100	11.8	108	96	75-125
Sample #26471 Selenium	2.0	0.0	1.26	63N	75-125
Sample #26471 Silver	10.0	0.0	9.8	98	75-125
Sample #26471 Thallium	10.0	0.0	8.66	87	75-125
Sample #26471 Zinc	100	45.6	144	99	75-125

N - Recovery outside limits.

100 Sol 50%



End of plot. Time = 0.00 to 55.00 minutes Chart speed = 0.31 cm/min



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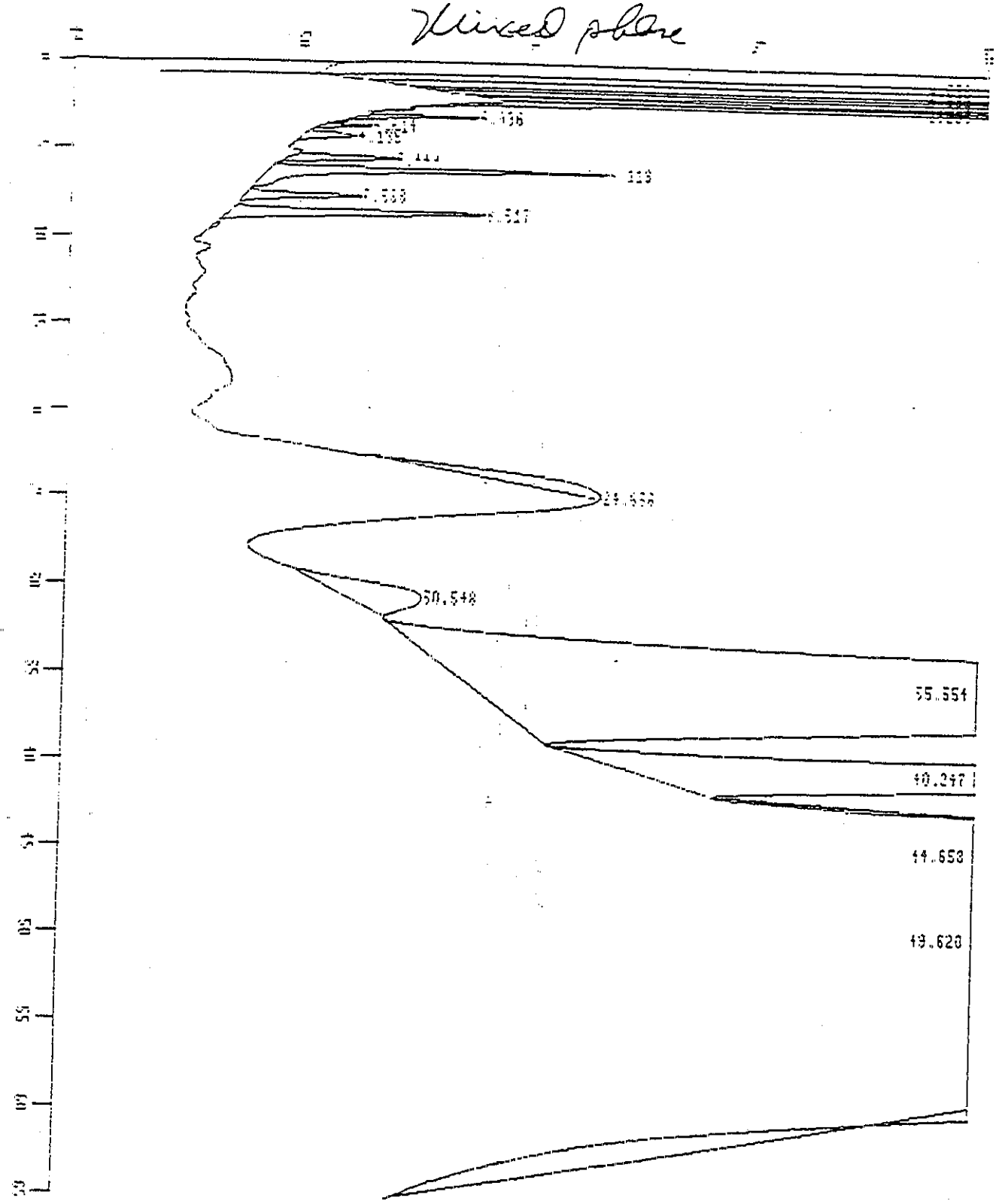

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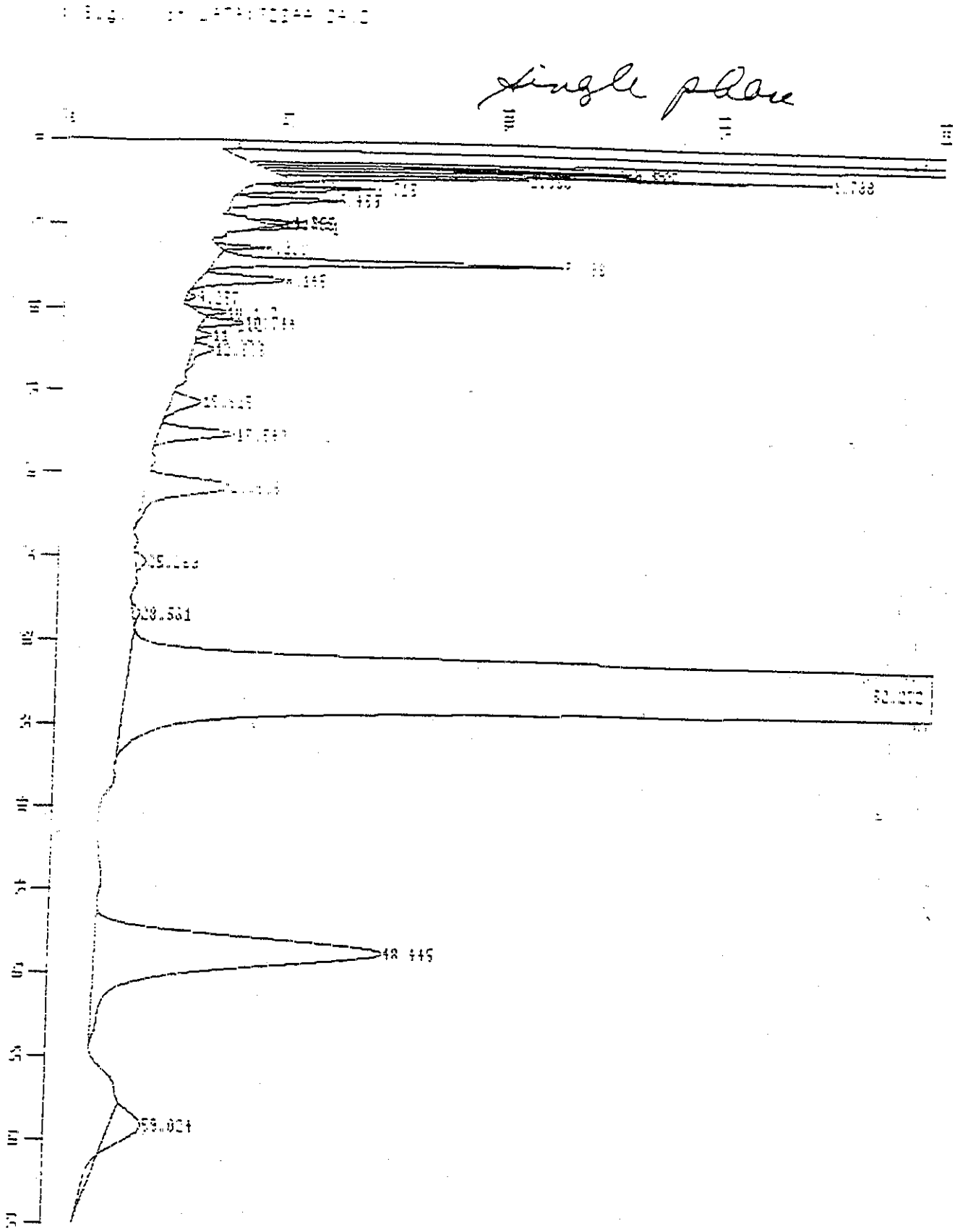

single plane
48.445
59.024
End of plot. Time = 0.00 to 65.01 minutes
Chart speed = 0.31 cm/min

E .IRO.ID. RESEARC.
F C.

*** Area Percent ***

Report b. Signal

Operator: B C. F   27 Jun 88   27 Jun 88   8:34 am
Method File Name : PCBREPT.M
Sample Info : PCB SOIL 28468 DUNN #5443 CA1214
Misc Info: 20g.10ml TBA FL0.5[illegible]
Integration File Name : DATA:FIBAA12A.D
consisting of channels :   GC Signal 2   of FIBAA12A.D
2.   GC Signal 1
Bottle Number : 3   Repetition Number: 1

GC Signal 2   of FIBAA12A.D

Ret Time	Type	Area	Height	Area %	Ratio %
0.723	BV	24023	322.13	0.942	02
0.797		83891	946.23	2.541	2.82
1.024		2055	73.48	0.475	0.81
1.220	V	3633.40	46.2758	0.142	0.15
1.446	V	2897.02	43.6365	0.106	0.11
1.622	VV	2335.75	41.2289	0.092	0.10
1.729	V	1383.34	37.0894	0.072	0.08
1.946	B	4105.65	72.2571	0.161	0.17
2.314	BB	2004.27	20.2702	0.079	0.08
3.056	BB	773.82	8.1910	0.030	0.03
3.773	BB	951.73	8.2785	0.037	0.04
4.599	BB	301.65	1.7689	0.012	0.01
5.229	BB	89.5917	0.7747	0.004	0.00
5.572	BB	543.82	4.6708	0.021	0.02
6.213	BB	144.34	0.9900	0.006	0.01
7.094	BB	200.69	1.6547	0.008	0.01
7.994	BB	1090.30	3.4948	0.043	0.05
8.521	BB	1042.63	4.1160	0.041	0.04
10.899	BB	298.55	0.9115	0.012	0.01
11.952	BB	64.2231	0.3696	0.003	0.00
13.487	BB	8642.85	26.1918	0.339	0.37
19.286	BB	2138.11	1.3735	0.084	0.09
22.726	BB	270.80	0.6520	0.011	0.01
30.911	BB	4368.42	1.4304	0.171	0.18
35.242	BB	548.95	0.8235	0.022	0.02
38.957	BB	5057.67	3.4244	0.198	0.21
44.508	BB	45608	46.3249	1.789	1.93
48.435	BBA	2365256/[illegible]	1962.45	92.758	100.00

6.1% [illegible]

GC Signal 1   of FIBAA13A.D

Ret Time	Type	Area	Height	Rrca %	Ratio %
0.643	PV	170464	1171.79	3.708	3.98
1.244	VV	4657.02	59.1953	0.101	0.11
1.455	V	4130.90	56.1710	3.090	0.10
1.557	VV	4990.23	56.2254	0.109	0.12
1.739	VV	7919.13	39.4884	0.172	0.13
2.038	VB	4530.99	43.7474	0.093	0.11
2.392	BB	235.04	3.9444	0.005	0.01

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	202.37	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	-603.83	5.0076	0.100	[illegible]
[illegible]	[illegible]	318.22	1.7083	0.007	0.01
[illegible]	[illegible]	[illegible]	4.9253	0.023	0.03
[illegible]	[illegible]	[illegible]	7.8055	0.035	0.04
[illegible]	[illegible]	550.87	2.5855	0.012	0.01
[illegible]	[illegible]	1552.05	3.7000	0.036	0.04
5.822	[illegible]	2730.81	5.5502	0.059	0.06
7.540	[illegible]	5475.43	13.5073	0.113	0.13
[illegible]	[illegible]	10060	14.7953	0.219	0.24
[illegible]	[illegible]	762.86	1.7471	0.017	0.02
[illegible]	[illegible]	518.15	0.9868	0.011	0.01
[illegible]	88	4278594	5294.78	93.069	100.00
43.445	38	64499	51.1476	1.403	1.51
55.024	88A	4193.13	5.2894	0.091	0.10

Dunn Geoscience Co.
12 Metro Park Road
Albany, N.Y. 12205 (518) 458-313

TOSH 5543

Client Name: WEISS
Project No.:
Site Location: Schenectady, N.Y.
Sampler: Bill Tozan

DGC Contact: [illegible]
Laboratory Contact: [illegible]
Lab Identification:
Date Report Required: [illegible] 6-22-8[illegible]

Sample Identification	Date	Time	Sample Matrix	Collection Vessel	Lowering Device	# Sample Containers	Preserv	Comp. or Grab	Analysis Required	Comment
001 / 004				26469					[illegible]	[illegible]
002 / 010				26470					↓	↓
007 / 005				26471					↓	↓
008 / 001				26472					↓	↓

* Composite samples [illegible] prior to analysis

	Name	Affiliation	Date	Time
Relinquished by:				
Received by:				
Relinquished by:				

	Name	Date	Time
Received by Laboratory:	[illegible]	[illegible]	

Samples Intact & Properly Preserved: Yes or No

LABORATORY CHRONICLE

ENVIROTECH RESEARCH, INC.
777 NEW DURHAM ROAD. EDISON, NJ 08817
(201) 549-3900

CLIENT DUNN/WEISS — DATE SAMPLED 6/16/89

MATRIX SOIL — DATE RECEIVED 6/20/89

SAMPLE No 26467 — JOB No 5443

Analytic Parameter	Extraction Date/Time	Extractor's Initials	Analysis Date/Time	Analyst's Initials	QA Batch No.
Antimony	6/21/89	KJC	6/24/89 13:47	JM	1213
Arsenic	"	"	6/23/89 18:27	"	1271
Beryllium	"	"	6/22/89 14:36	"	1202
Cadmium	"	"	" 10:11	"	1154
Chromium	"	"	" 14:22	"	1176
Copper	"	"	" 16:47	"	1220
Lead	"	"	" 12:01	"	1201
Nickel	"	"	" 11:36	"	1223
Selenium	"	"	6/24/89 2:11	"	1251
Silver	"	"	6/22/89 13:20	"	1262
Thallium	"	"	6/24/89 11:16	"	1208
Zinc	"	"	6/22/89 11:15	"	1228
Mercury	6/22/89	MC	6/26/89	MC	1231
PCB	6/23/89	DH/DK/AS	6-7-89	PBM	1214

LABORATORY CHRONICLE

ENVIROTECH RESEARCH, **INC.**
777 NEW DURHAM ROAD. **EDISON,** NJ 08817
(201) **549-3900**

CLIENT DUNN/WEISS
MATRIX SOIL
SAMPLE No. 21471

DATE SAMPLED 6/11/89
DATE RECEIVED 6/20/89
JOB No. 5443

Analytic Parameter	Extraction Date/Time	Extractor's Initials	Analysis Date/Time	Analyst's Initials	QA Batch No.
Antimony	6/21/89	DC	[redacted]	JM	1213
Arsenic	"	"	6/23/89 18:27	"	1271
Beryllium	"	"	6/22/89 14:36	"	1202
Cadmium	"	"	" 10:11	"	1153
Chromium	"	"	" 14:27	"	1170
Copper	"	"	" 10:41	"	1220
Lead	"	"	" 12:01	"	1201
Nickel	"	"	" 15:34	"	1225
Selenium	"	"	6/24/89 2:11	"	1251
Silver	"	"	6/22/89 12:23	"	1262
Thallium	"	"	6/24/89 11:16	"	1208
Zinc	"	"	6/22/89 11:15	"	1228
Mercury	6/22/89	DC	6/26/89	DC	1231
PCB	6/23/89	DH/GL/AS	6-27-89	PGM	1214

LABORATORY CHRONICLE

ENVIROTECH RESEARCH, **INC.**
777 NEW DURHAM ROAD. EDISON, NJ 08817
(201) **549-3900**

CLIENT DUNN/WEISS — DATE SAMPLED 6/16/89

MATRIX SOIL — DATE RECEIVED 6/20/89

SAMPLE No. 2647 — JOB No. 5443

Analytic Parameter	Extraction Date/Time	Extractor's Initials	Analysis Date/Time	Analyst's Initials	QA Batch Nn
Antimony	6/21/89	WC	6/24/89 13:40	JM	1213
Arsenic			6/23/89 18:37		1271
			6/27/89 14:36		1202
Cadmium			10:11		1153
Chromium			14:23		1176
Copper			10:47		1220
Lead			12:01		1201
Nickel			11:36		1223
Selenium			6/24/89 2:11		1251
Silver			6/22/89 12:23		1202
Thallium			6/24/89 11:16		1207
Zinc			6/22/89 11:15		1229
Mercury	6/22/89	WC	6/26/89	WC	1231
PCB	6/23/89	DH/RE/AS	6/26/89	RE	1214

LABORATORY CHRONICLE

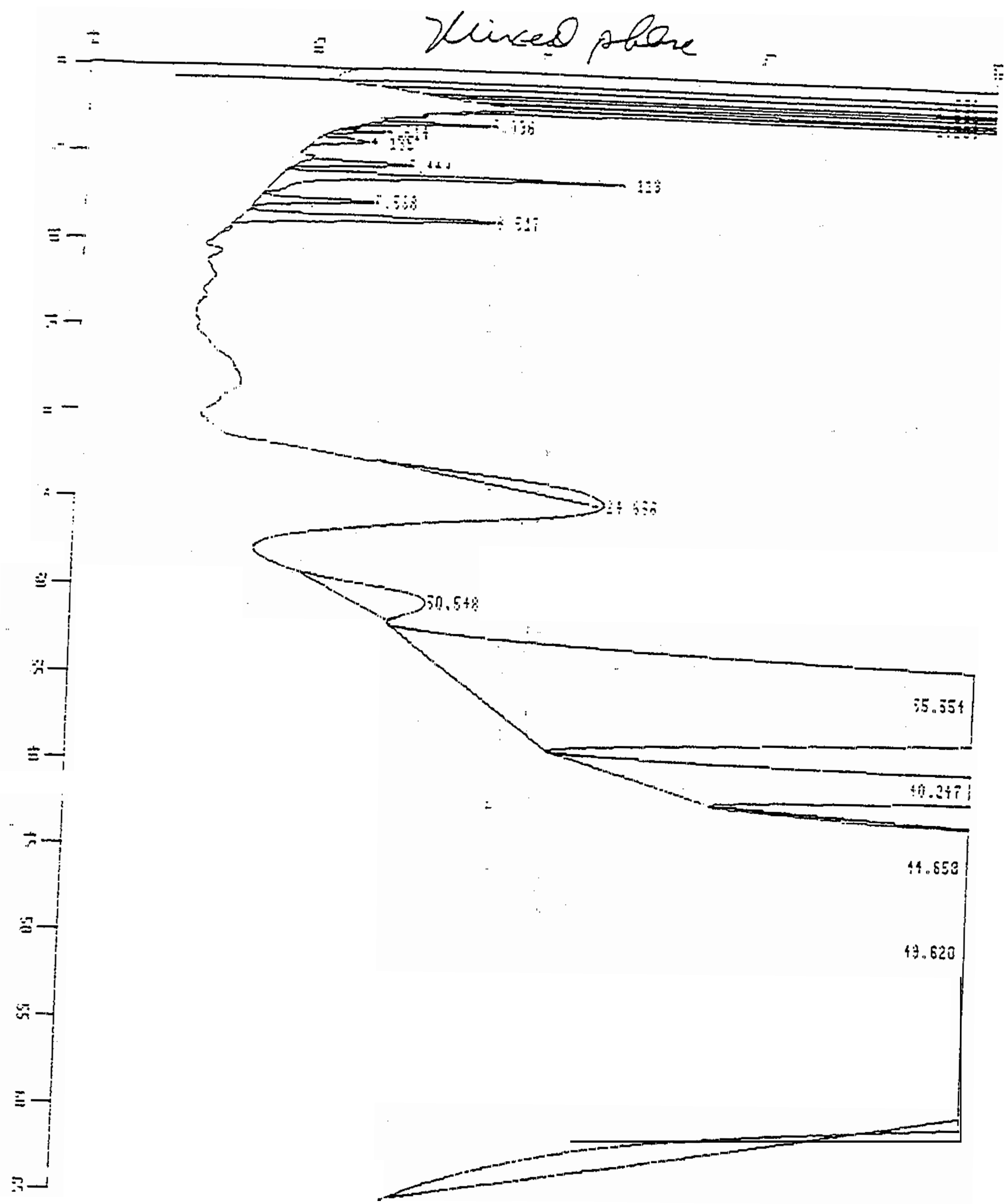
ENVIROTECH RESEARCH, IMC.
777 NEW DURHAM ROAD. EDISON, NJ 08817
(201) 549-3900

CLIENT DUNN/WEISS — DATE SAMPLED 6/16/89

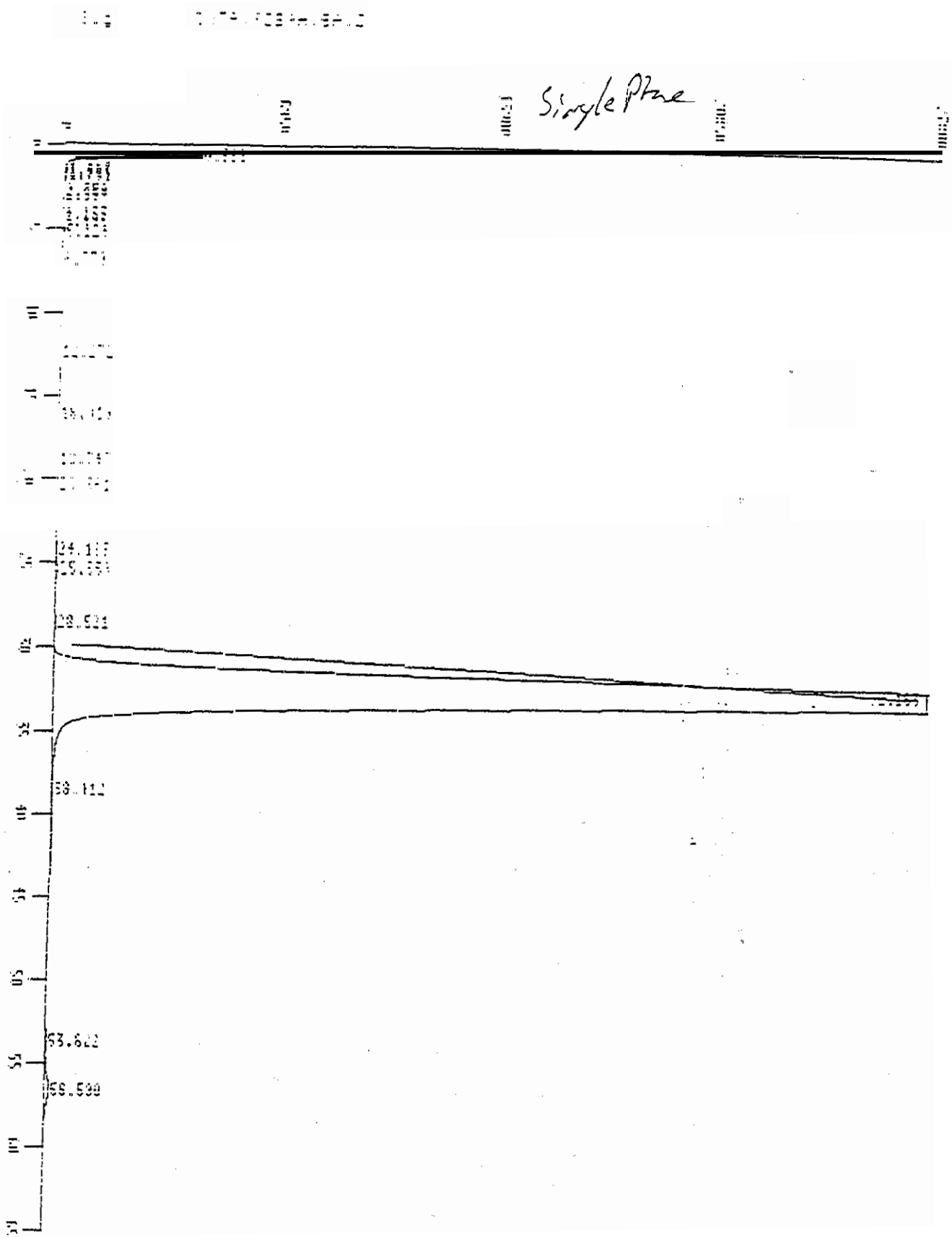
MATRIX SOIL — DAIE RECEIVED 6/2&

SAMPLE No 1647? — JOB No 5443

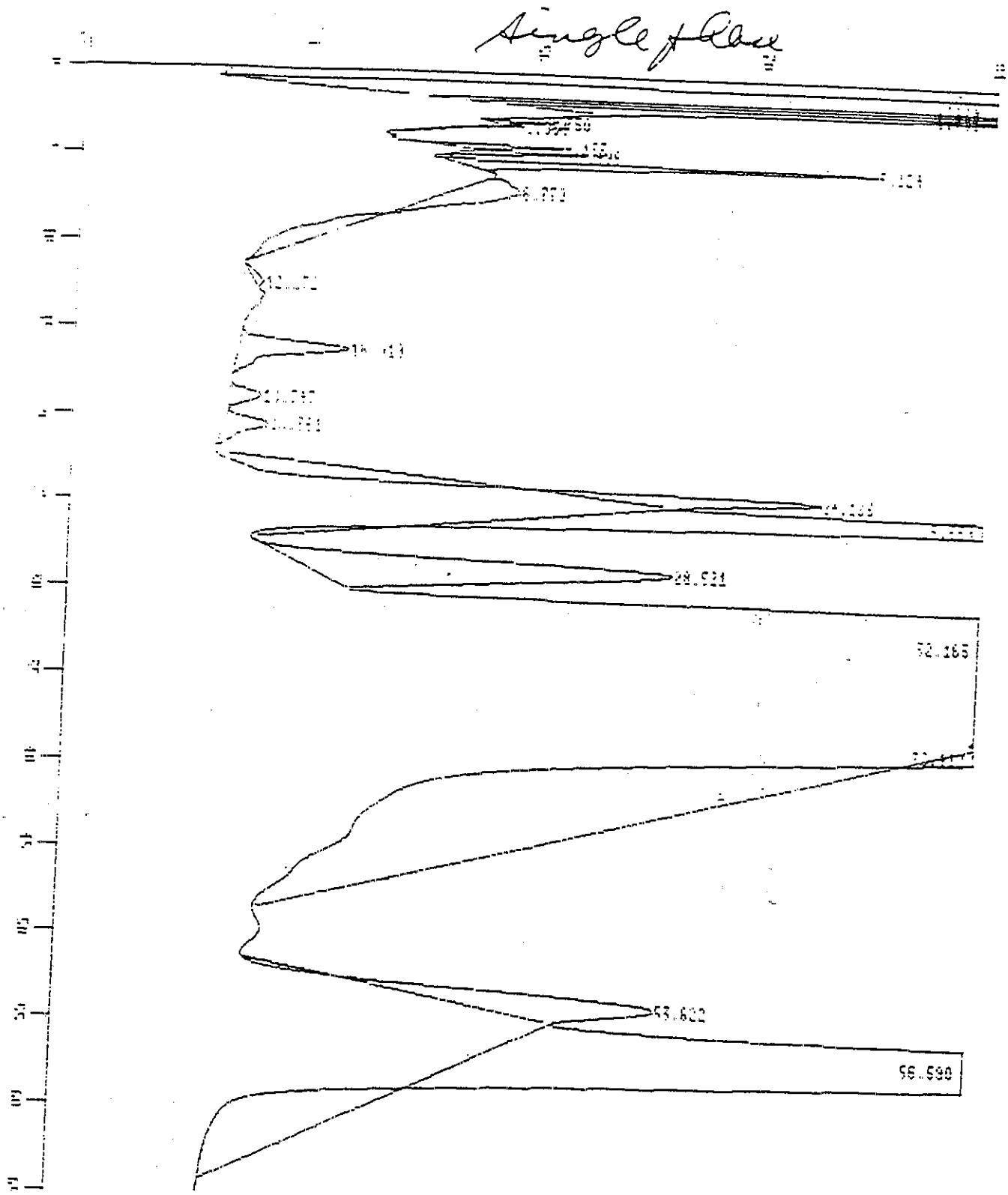
Analytic Parameter	Extraction Date/Time	Extractor's Initials	Analysis Date/Time	Analyst's Initials	Batch No.
Antimony	6/21/89	DC	6/24/89 3 4?	JM	1213
Arsenic			6/23/89 18.27		1271
Beryllium			6/22/89 14:36		1202
Cadmium			10:11		1153
Chromium			14:22		1176
Copper			10:47		1228
Lead			12.01		1201
Nickel			11 36		1223
Selenium			6/[illegible] [illegible]		[illegible]
Silver			6/[illegible] 12.23		1262
Thallium			6/24/89 11:16		1202
Zinc			6/[illegible] [illegible]		1222
Mercury	6/22/89	DC	6/26/89	DC	1231
PCB	6/23/89	DH/DC/AS	6/26/89	CR	1214



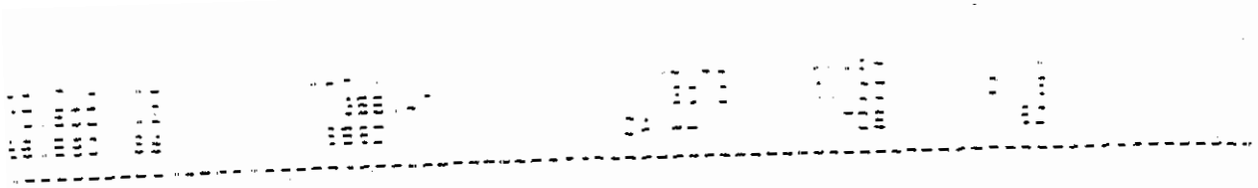
End of plot. Time = 0.00 to 65.00 minutes Chart speed = 0.31 cm/min



End of plot. Time = 0.00 to 65.00 minutes Chart speed = 0.31 cm/min



End of plot. Time = 0.00 to 55.00 minutes Chart speed = 0.2! in/min



[illegible]

*** Area Percent ***

Report [illegible] Signal

Operator: [illegible] [illegible] Jun [illegible] [illegible] 1:58 pm

Method File Name : [illegible]REPT.M

Sample Info : PCB SOIL [illegible] CONN #5440 [illegible]

Misc Info: [illegible]g [illegible]ml [illegible]

Integration File Name : DATA:F[illegible]SAA16A.I

Consisting of channels : [illegible] GC Signal [illegible] of F[illegible]SAA16A.D

[illegible] GC Signal

Bottle Number : 6 Repetition Number:

GC Signal [illegible] of F[illegible]SAA16A.D

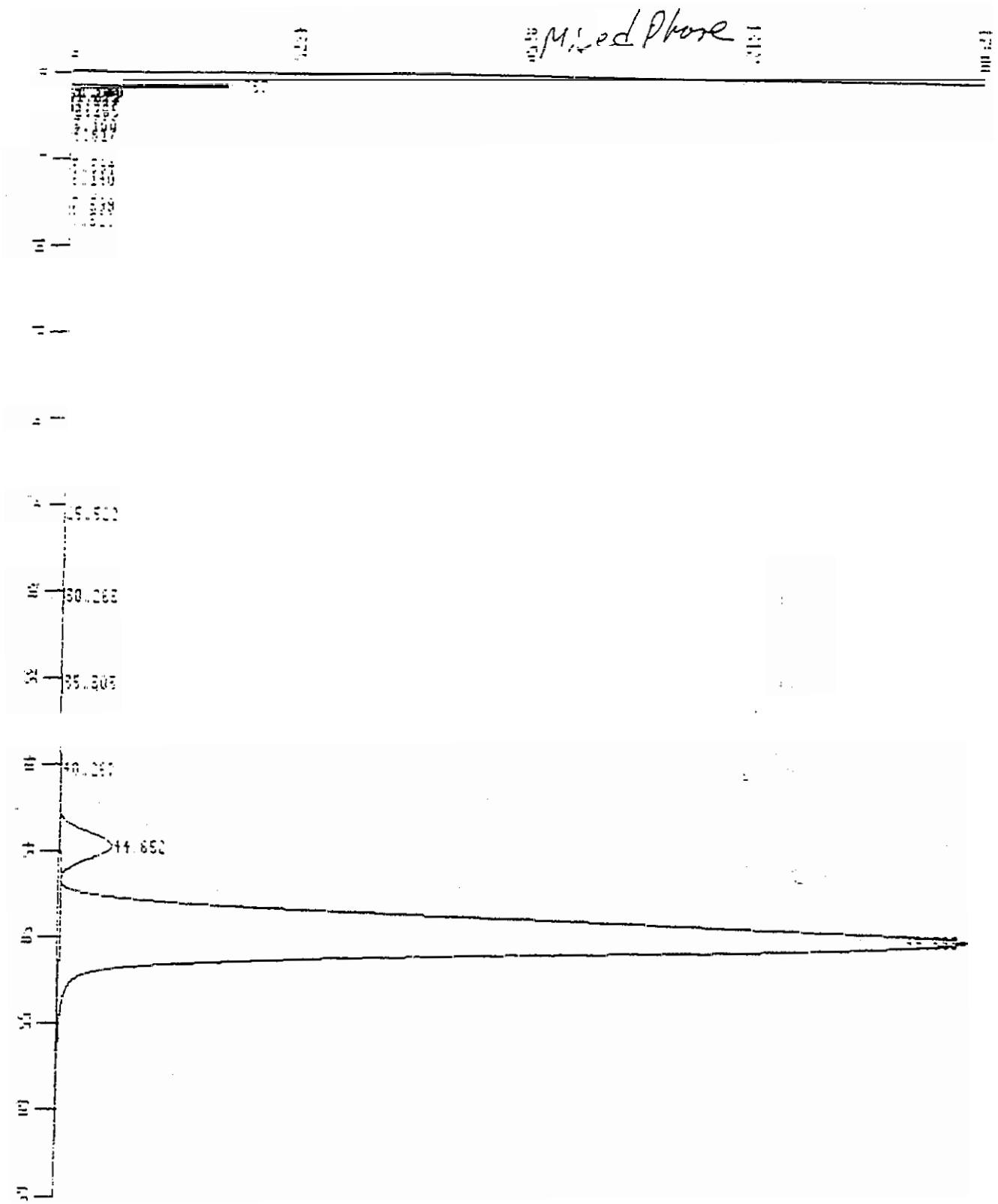
Ret Time	Type	Area	Height	Area %	Ratio %
[illegible]	[illegible]	[illegible]	[illegible]	0.597	[illegible]
[illegible]		[illegible]054	[illegible]	0.052	[illegible]
[illegible]		[illegible]	[illegible]	0.010	[illegible]
.804		[illegible]	[illegible]	0.010	[illegible]
[illegible].852	B	1101.[illegible]	28.4623	0.011	0.01
[illegible]	BB	2557.74	18.8357	0.004	0.00
3.095	BB	320.74	37.0380	0.010	0.01
3.514	BB	117.55	3.1582	0.001	0.00
4.165	BB	274.73	1.3442	0.000	0.00
5.449	BB	471.57	1.3899	0.001	0.00
6.118	BB	1732.48	2.8023	0.002	0.00
7.588	BB	536.86	8.8079	0.007	0.01
8.517	BB	1427.13	3.0200	0.002	0.00
24.636	BB	1463.05	6.5717	0.006	0.01
30.548	BB	2001.96	0.3459	0.006	0.01
35.354	BB	103243	2.0128	0.008	0.01
40.247	BB	25061	62.2511	0.408	0.43
44.653	BB	950061	33.0627	0.099	0.10
48.820	BBA	24010080	939.54	3.794	4.00
			17858	94.882	100.00

61.4%

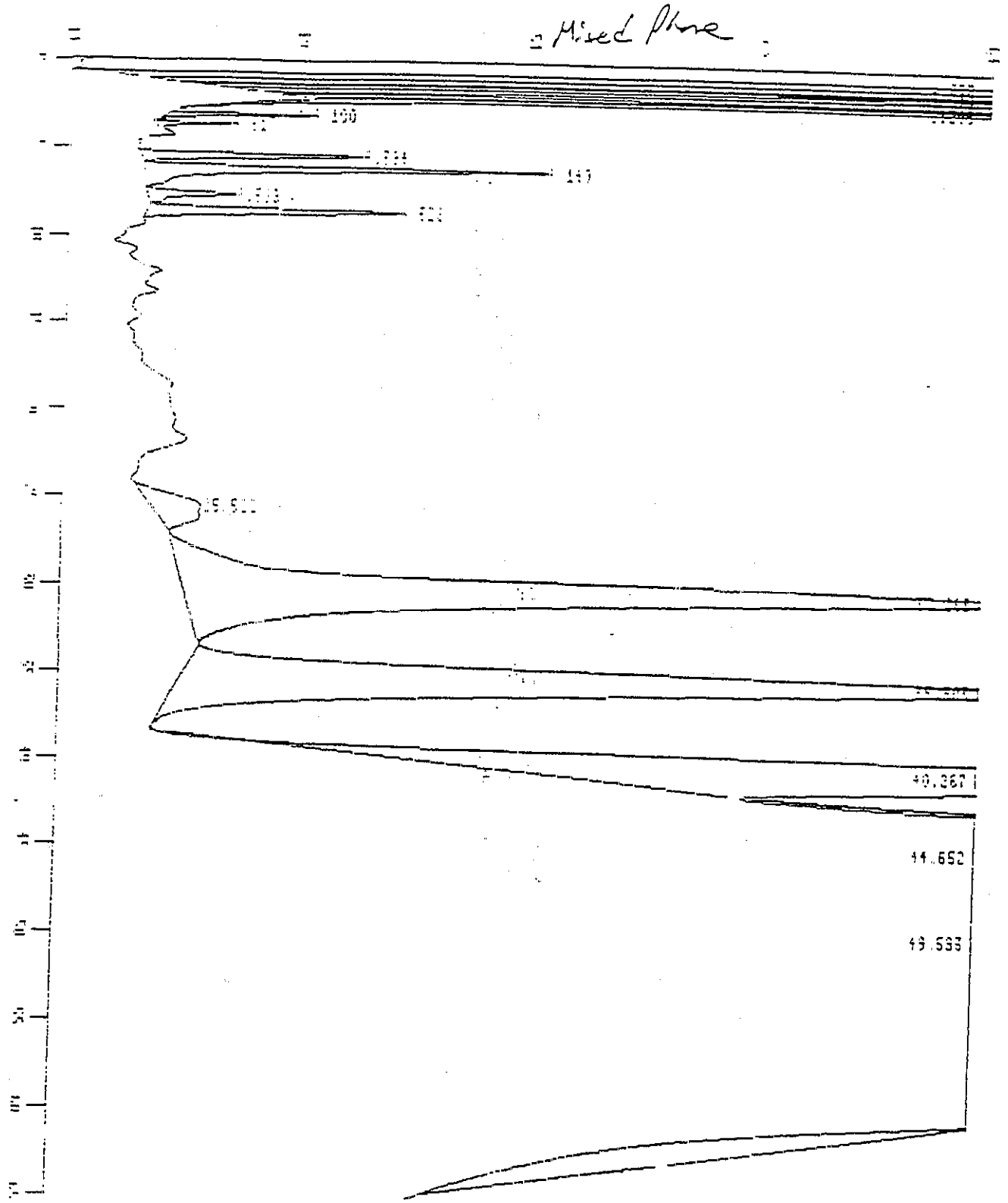
GC Signal 1 of FZSAA16A.D

Ret Time	Type	Area	Height	Area %	Ratio %
0.588	BV	460127	4376.89	6.812	7.53
1.467	VV	4734.04	66.1351	0.070	0.08
1.595	VV	4509.57	59.6412	0.067	0.07
1.791	VB	7114.69	79.7527	0.105	0.12
2.750	BB	262.93	3.2595	0.004	0.00
2.954	BB	36.3152	2.2108	0.001	0.00
4.133	BB	752.66	7.3702	0.011	0.01
4.496	BB	769.79	7.3238	0.011	0.01
5.124	BB	4075.16	25.8606	0.060	0.07
6.779	BB	273.28	4.1577	0.004	0.00
10.272	BB	298.34	0.5355	0.004	0.00
16.019	BB	3538.91	6.8422	0.052	0.06
19.747	BB	869.45	1.9941	0.013	0.01
20.391	BB	1483.91	2.7523	0.022	0.02
24.133	BB	1514.90	13.3774	0.022	0.03
25.359	BB	26544	62.4539	0.393	0.44
28.921	BB	15804	[illegible]	[illegible]	

PCB Soil 26471

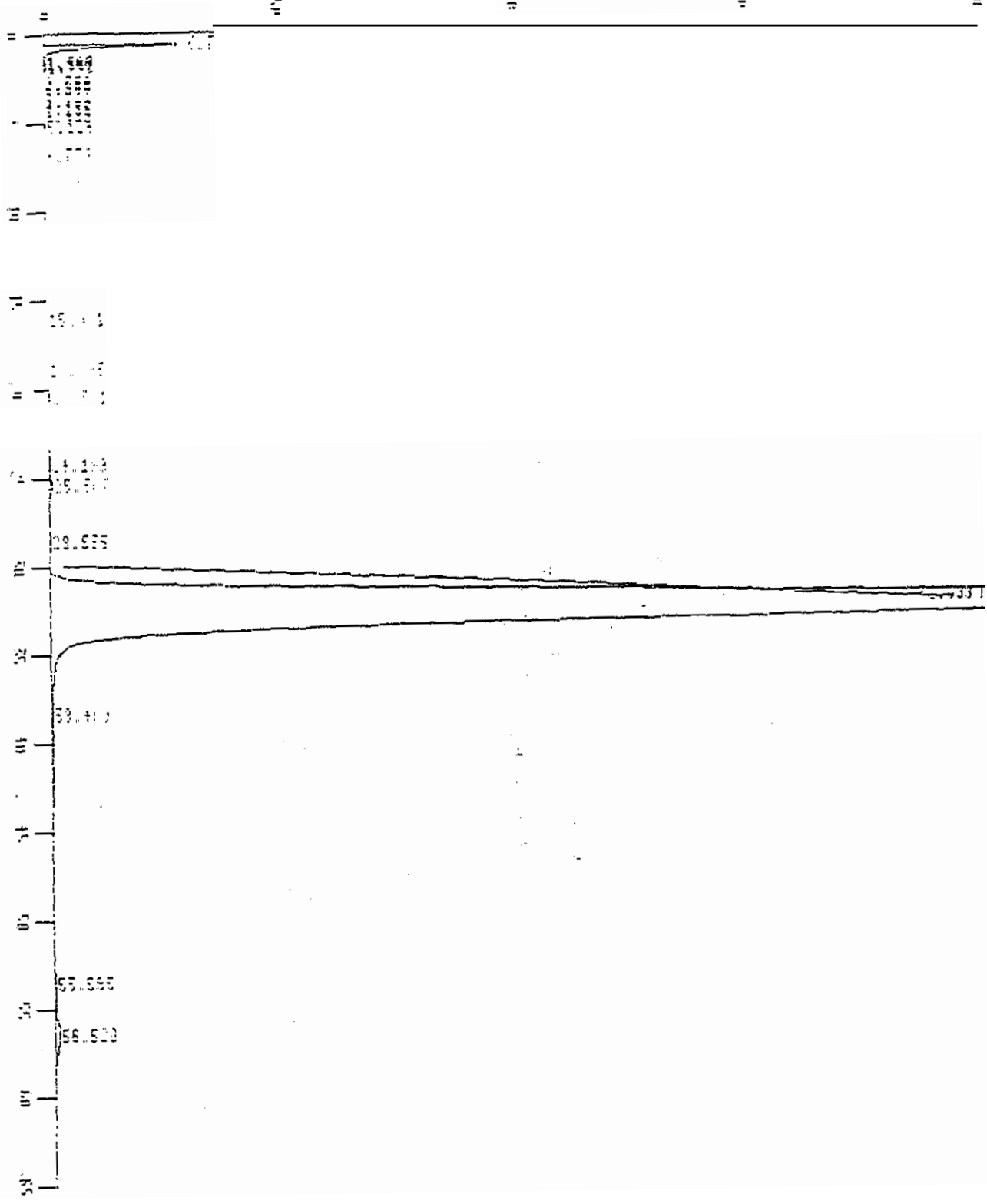


End of plot. Time = 0.00 to 55.00 minutes Chart speed = 0.31 cm/min

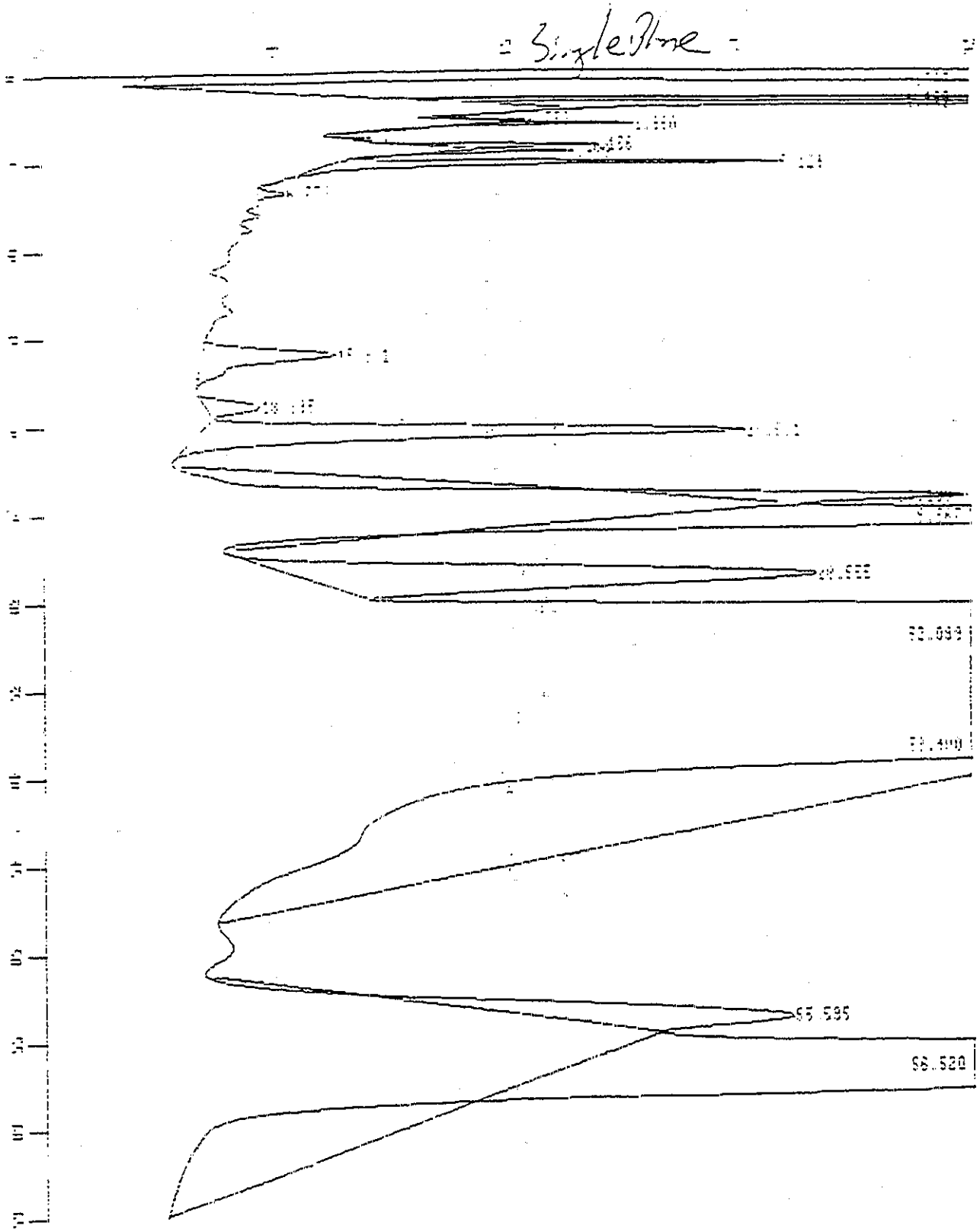


End of plot. Time = 0.00 to 65.00 minutes Chart speed = 0.31 cm/min

Single Phase



End of plot. Time = 0.00 to 65.00 minutes Chart speed = 0.31 cm/min


Single Line
55.595
56.520
End of plot Time = 1.00 to 55.00 minutes Chart speed = 0.31 cm/min

[illegible] Research
[illegible]

*** Area Percent ***

Report [illegible] Signal

Operator: [illegible] 27 Jun 88 27 Jun 88 [illegible] am
Method File Name : PCBREPT [illegible]
Sample Info : PCB [illegible] 2647 [illegible] #5443 [illegible]
Misc Info: [illegible]g/10ml [illegible]
Integration File Name : DATA:FISAA1SA.[illegible]
Consisting of channels : [illegible] GC Signal [illegible] of FISAA1SA.[illegible]
[illegible] GC Signal [illegible]
Bottle number : [illegible] Repetition Number:

GC Signal [illegible] of FISAA1SA.D

Ret Time	Type	Area	Height	Area %	Ratio %
[illegible]	[illegible]	55024	2385.03	0.574	[illegible]
[illegible]340		3770.38	[illegible]	0.040	[illegible]
[illegible]		[illegible]47.38	45.1318	0.003	[illegible]
[illegible]378		[illegible]	55.5881	0.012	0.01
[illegible]837		[illegible]432.19	25.7238	0.010	0.01
[illegible].357	[illegible]	1428.01	25.2244	0.006	0.01
[illegible].205	[illegible]	[illegible]383.57	33.7345	0.010	0.01
[illegible].100	[illegible]	275.35	3.1255	0.001	0.00
[illegible] 617	[illegible]	137.34	1.5297	0.001	0.00
5.394	[illegible]	798.55	4.7225	0.003	0.00
6.140	[illegible]	1848.78	9.7036	0.008	0.01
[illegible].599	[illegible]	374.53	1.8869	0.002	0.00
[illegible].528	[illegible]	1100.03	5.4393	0.004	0.00
[illegible].522	[illegible]	1069.33	1.1047	0.004	0.00
[illegible]	[illegible]	16342	18.0049	0.069	0.07
[illegible]	[illegible]	16842	19.4409	0.069	0.07
[illegible]	[illegible]	[illegible]	33.5951	0.107	0.11
[illegible].652	[illegible]	1006573	984.95	4.111	4.3[illegible]
[illegible].993	[illegible]BA	2323621[illegible]	17405	94.851	100.00

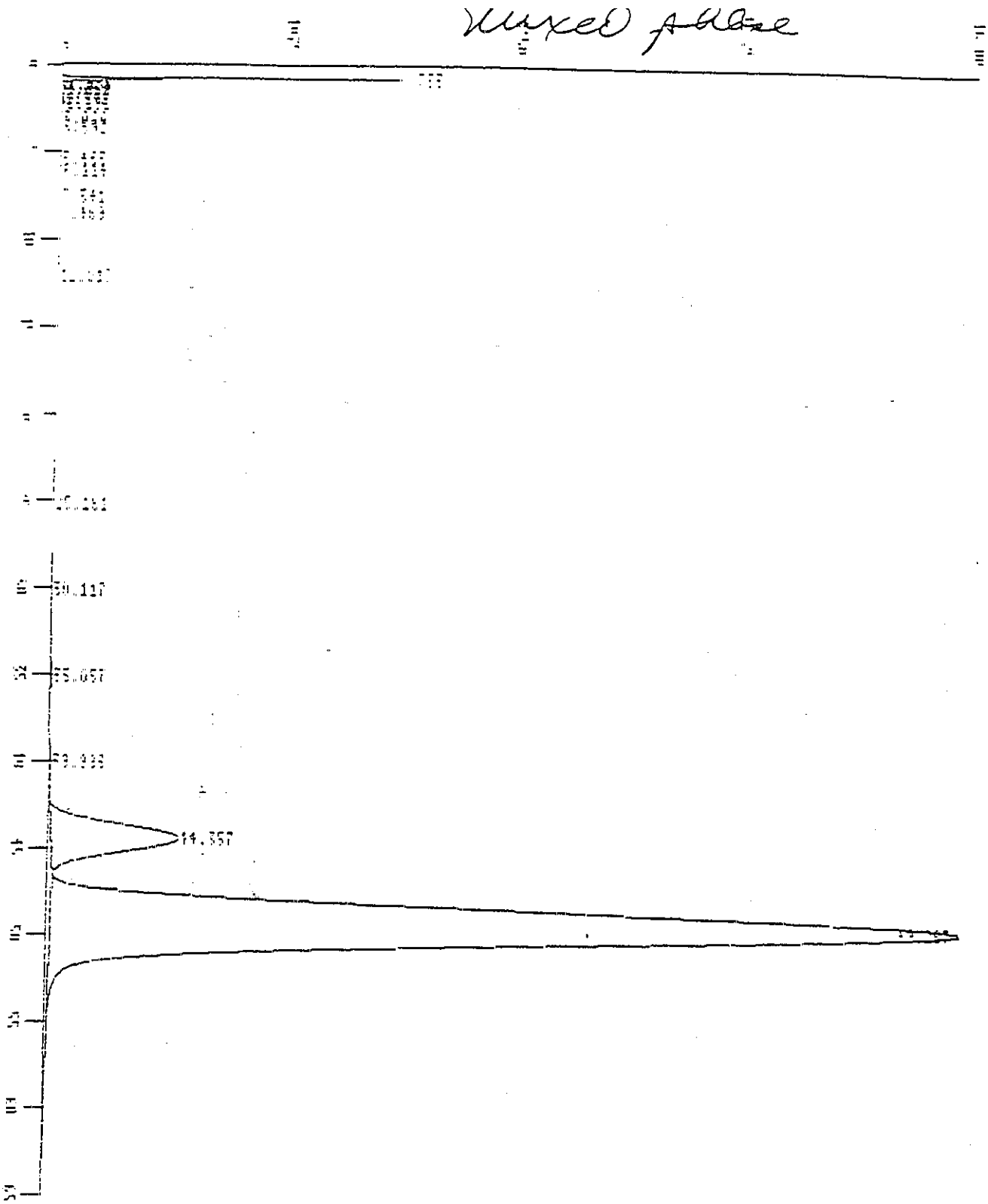
= (1) [illegible] 59.4%

GC Signal 1 of FISAA1SA.D

Ret Time	Type	Area	Height	Area %	Ratio %
0.587	BV	428243	3670.66	6.954	7.65
1.466	VV	3996.43	56.7648	0.065	0.07
1.587	VV	4327.41	56.7410	0.070	0.08
1.792	VB	6826.96	77.0099	0.111	0.12
[illegible].758	BB	176.93	2.4974	0.003	0.00
[illegible].960	BB	472.66	7.9298	0.008	0.00
[illegible]	BB	71.712[illegible]	1.0312	0.001	0.01
4.136	BB	945.04	7.6066	0.014	0.00
4.489	BB	563.63	6.1564	0.009	0.02
5.124	BB	3687.21	21.2534	0.060	0.01
6.778	BB	250.90	1.2792	0.004	0.07
[illegible].981	BB	3401.96	6.3069	0.055	0.00
[illegible].392	BB	1084.62	2.5358	0.018	0.06
[illegible].331	BB	11890	26.0185	0.193	0.02
[illegible].198	BB	2026.40	12.4384	0.033	0.22
[illegible].257	BB	23625	69.2020	0.481	0.04
[illegible].505	BB	18096	[illegible]	[illegible]	0.54

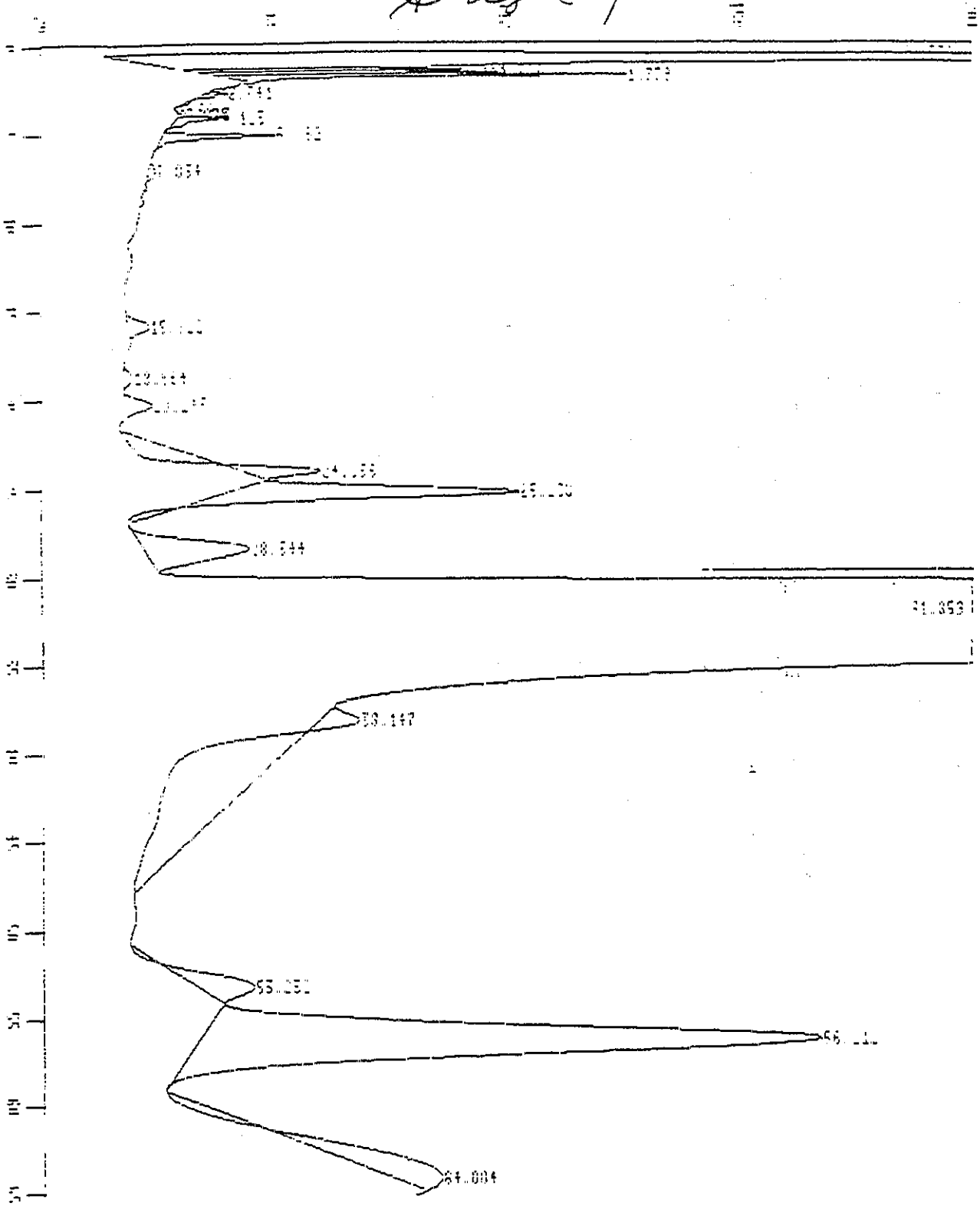
[illegible]

Mixed phase

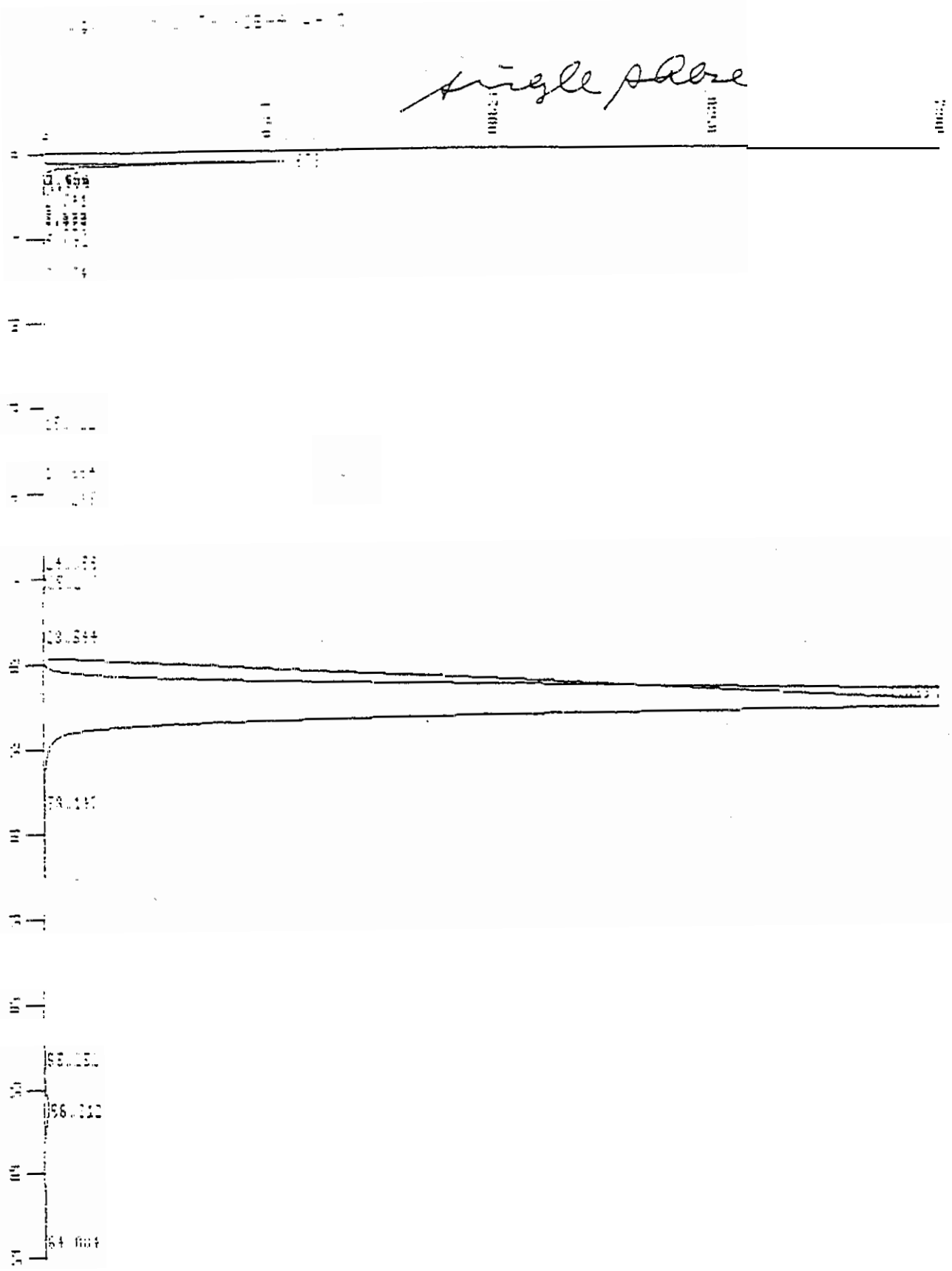


End of plot. Time = 0.00 to 65.01 minutes Chart speed = 0.31 cm/min

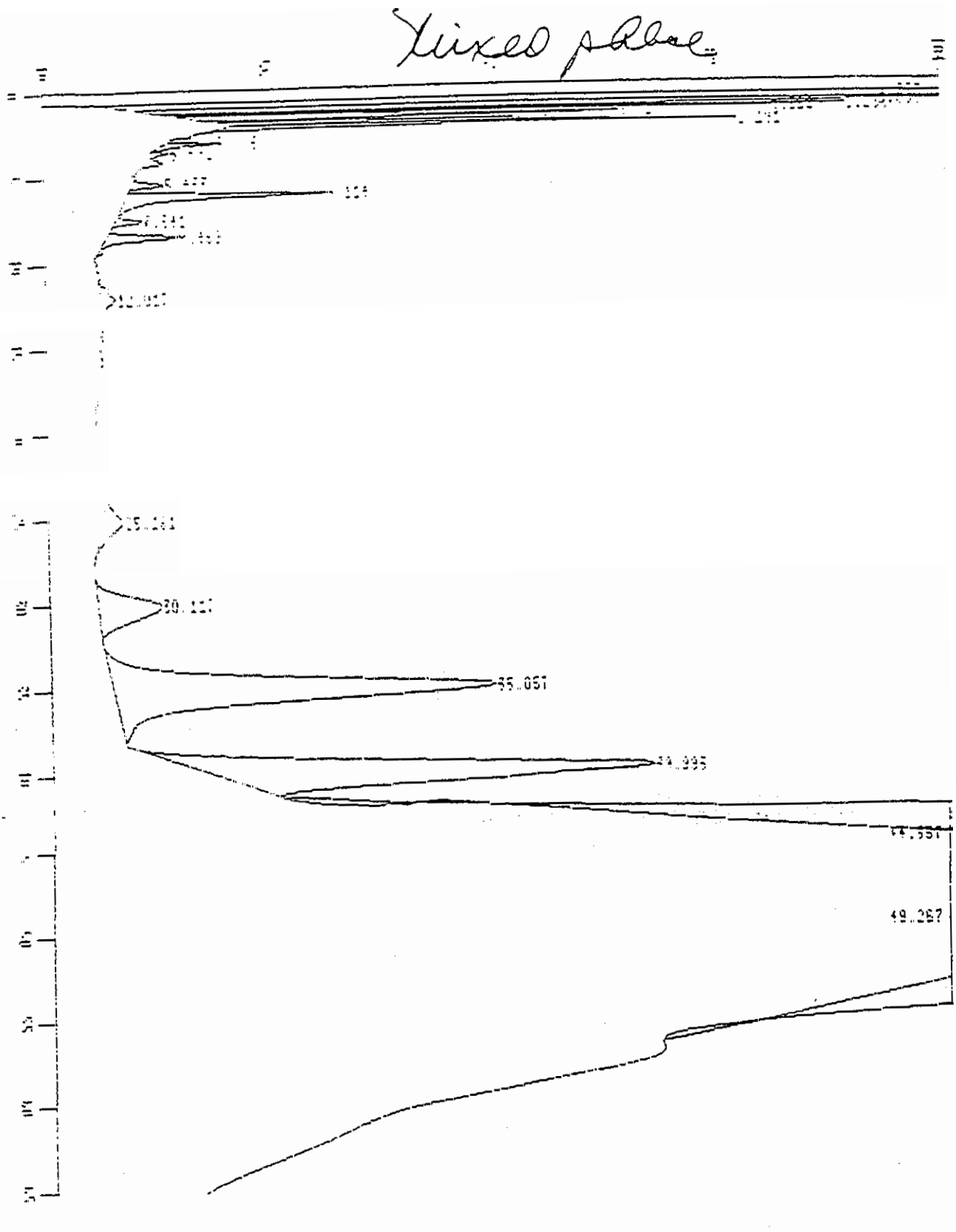
Single phase



End of plot. Time = 0.00 to 65.01 minutes Chart speed = 0.31 cm/min



Plot of plot. Time = 0.00 to 85.01 minutes Chart speed = 0.31 cm/min



End of plot. Time = 0.00 to 55.01 minutes Chart speed = 0.01 cm/min

[illegible]

*** Area Percent ***

Report by Signal

==

Operator: [illegible] 27 Jun 88 27 Jun 88 8:42 am

Method File Name : [illegible]

Sample Info : PCB SOIL [illegible]

Misc Info: 30g 2ml TBA

Integration File Name : DATA:FCBAA14A.D

consisting of channels : 1. GC Signal 2 of FCBAA14A.D

2. GC Signal

Bottle Number : 14 Repetition Number:

GC Signal 2 of FCBAA14A.D

Ret Time	Type	Area	Height	Area %	Ratio %
[illegible]	[illegible]	[illegible]	5563.21	0.399	[illegible]
[illegible]		1454.22	14.2880	0.031	0.04
[illegible]		728.41	28.4724	0.007	0.01
[illegible]		1328.22	48.2828	0.012	0.01
[illegible]		2324.81	30.3728	0.012	0.01
[illegible]	[illegible]	1221.57	20.6373	0.005	0.01
2.131	BB	2442.11	28.6131	0.010	0.01
3.086	BB	410.23	3.5449	0.002	0.00
3.582	BB	133.13	1.3576	0.001	0.00
5.433	BB	390.42	2.2504	0.002	0.00
6.114	BB	2935.95	14.0446	0.012	0.01
7.541	BB	322.53	1.9154	0.001	0.00
9.463	BB	1183.12	5.1172	0.005	0.01
12.017	BB	534.15	0.9943	0.002	0.00
[illegible]	BB	1198.22	1.3853	0.005	0.01
[illegible]	BB	4208.83	1.5446	0.018	0.02
[illegible]	BB	25044	27.1577	0.105	0.12
[illegible]	BB	24594	31.4939	0.103	0.12
[illegible]	BB	2389426	2269.05	3.976	11.25
49.257	BB	21243890/ [illegible]	16132	98.693	100.00

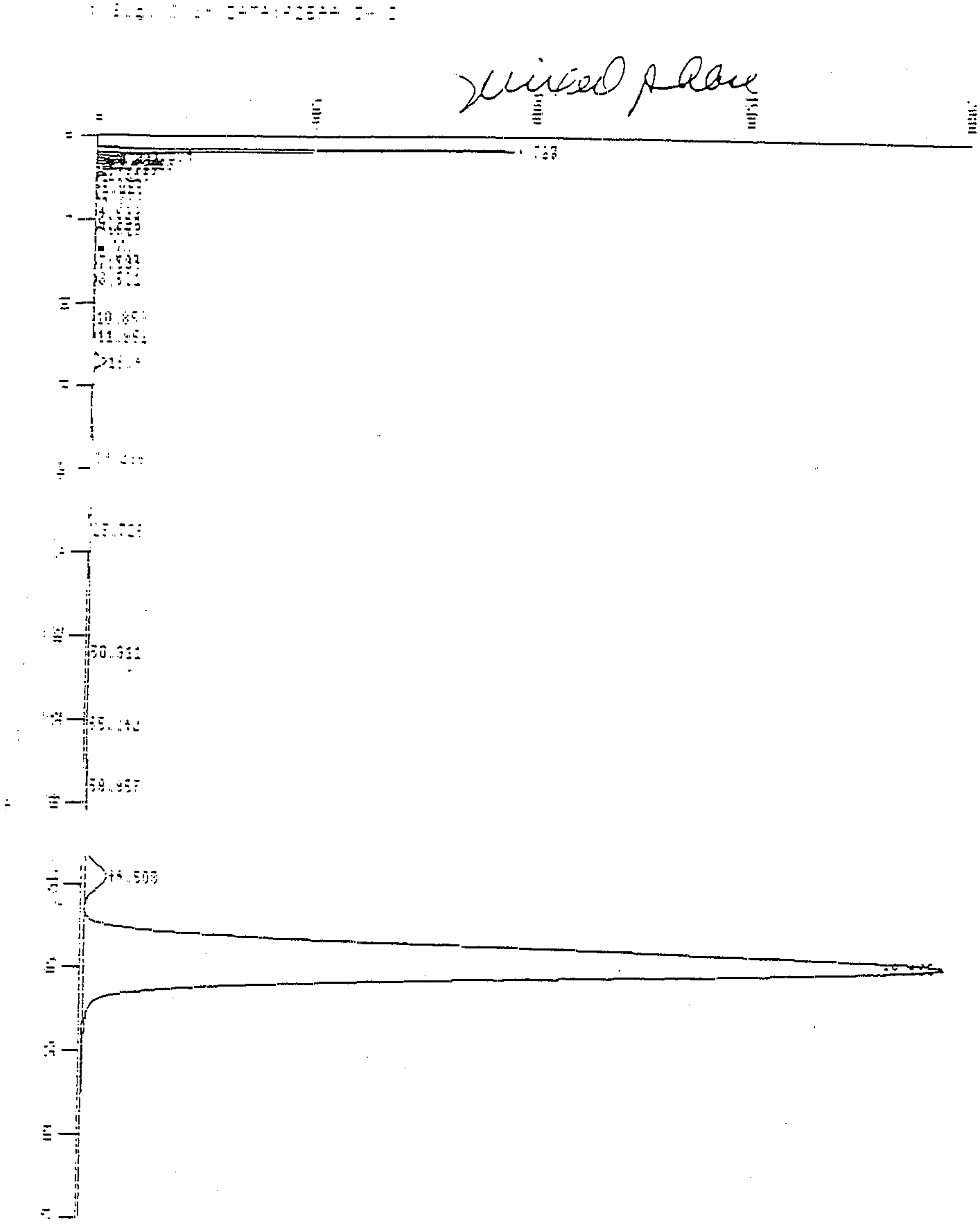
54.3%

[illegible] 1188692

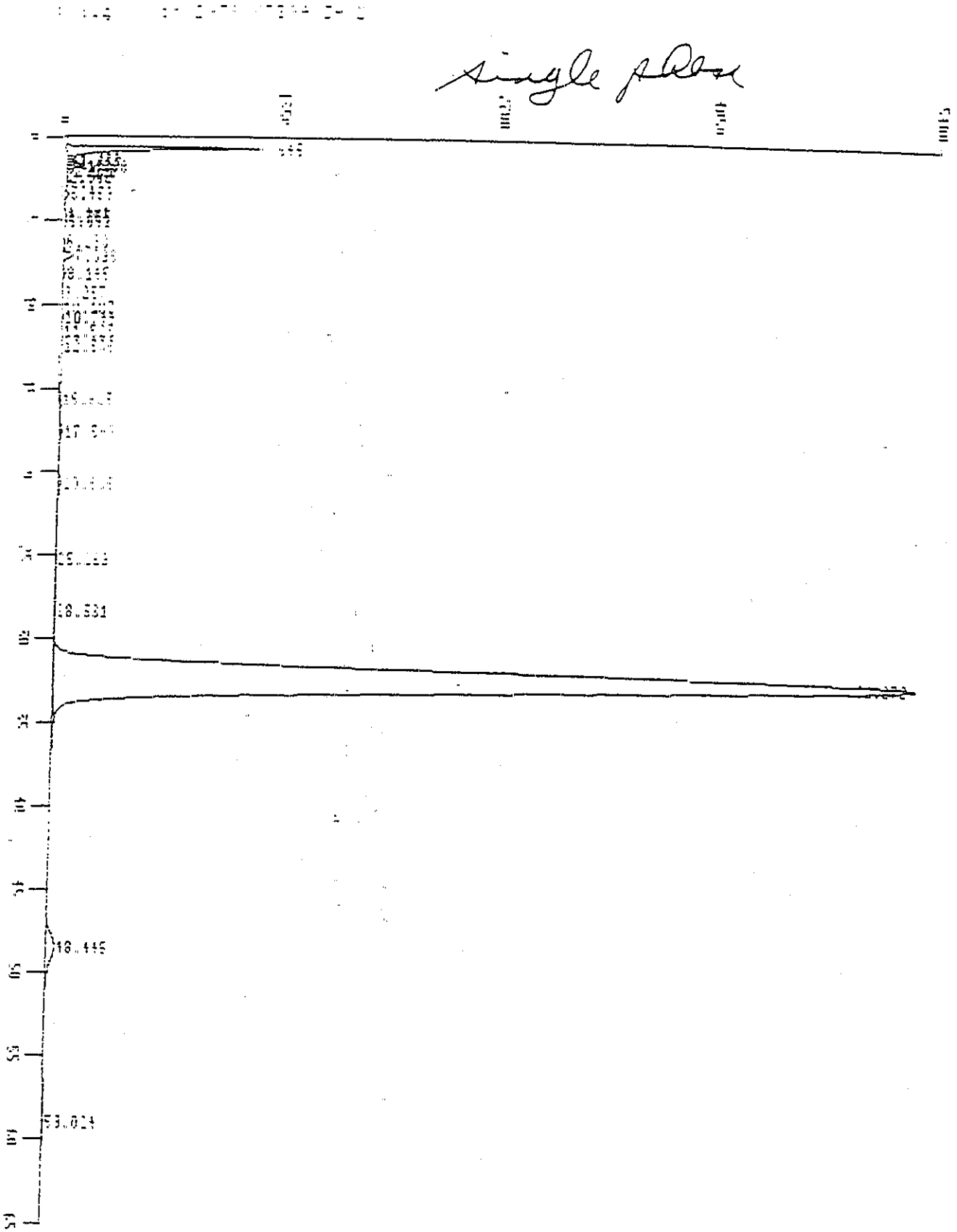
GC Signal 1 of FCBAA14A.D

Ret Time	Type	Area	Height	Area %	Ratio %
0.578	PV	548113	7245.75	12.388	15.97
1.456	VV	3904.30	53.1835	0.078	0.10
1.526	[illegible]	4479.37	58.1944	0.090	0.11
1.778	VB	7397.35	90.1010	0.148	0.19
2.741	BB	289.55	1.5353	0.018	0.02
3.883	BB	21.0803	0.3721	0.000	0.00
3.873	BB	22.7443	0.4603	0.000	0.00
4.125	BB	1461.10	8.3072	0.029	0.04
5.082	BB	3714.42	22.1807	0.074	0.09
7.034	BB	619.79	1.3949	0.012	0.02
8.822	BB	1955.86	4.2493	0.037	0.05
9.884	BB	796.81	1.8669	0.016	0.02
[illegible]	BB	2386.22	6.0284	0.058	0.07
14.029	BB	2593.81	14.7698	0.052	0.06
[illegible]	BB	23692	57.9457	0.475	0.53
[illegible]	BB	15094	20.8927	[illegible]	[illegible]

PCB xxxx 7646



End of plot Time = 0.00 to 55.01 minutes Chart speed = 0.31 cm/min



End of plot. Time = 0.00 to 55.01 minutes Chart speed = 0.31 cm/min

APPENDIX G
ANALYTICAL RESULTS

Professional Service Industries, Inc.

Report of Bulk Sample Analysis for Asbestos by Polarized Llght Microscopy

Client: Lennar Partners
c/o Douglas M Halsey, P A
First Union Financial Center
200 South Biscayne Boulevard
Miami. Fla **33131-5309**

Attn:

Project #: 878-4E323
Phase I ESA-Blg N Plaza
Schenectady. NY
Control No **3704**

Report #: B554

Date: 8/29/94

								ASBESTOS					NON-ASBESTOS			
Serial Number	Sample Location/ Material Description	Homo	Layers	Fibrous	Color	Asbestos Present	Total Asb.	Chry.	Amo.	Cro.	Ant.	Act /Tre	Glass Fibers	Cell	Syn	Non-Fibrous Material
949732B	1-Visiting Nurses Office Electric Load Room Mudded Joint on Fiberglass	YES	NO	YES	Gray	YES	70%	70%						<1%		29%
949733B	2-Visiting Nurses Office Electric Load Room Mudded Joint on Fiberglass	YES	NO	YES	Gray	YES	64%	64%					3%	1%		32%
949734B	3-Visiting Nurses Office Electric Load Room Mudded Joint on Fiberglass	YES	NO	YES	Gray	YES	72%	72%						<1%		27%
* 949735B	4-Vacant Space Near SW Door 9" X 9" Brown Floor Tile	YES	NO	NO	Tan	YES	2%	2%						<1%		97%
* 949736B	5-Vacant Space Mid South Wall 9" X 9" Brown Floor Tile	YES	NO	NO	Brown	YES	2%	2%						<1%		97%
* 949737B	6-Vacant Space Mid North Wall 9" X 9" Brown Floor Tile	YES	NO	YES	Brown	YES	2%	2%						<1%		97%

N/D = None Detected

The results are valid only for the item tested This report may not be used by the client to claim product endorsement by NVLAP or any agency of the U S Government. Method used: **E** P A Interim Method for the Determination of Asbestos in Bulk Insulation Samples EPA-600/MR-82-020 Dec 1982 Samples will be disposed of within 60 days unless otherwise notiiied in writing by client This report must be reproduced in lull and may only be reproduced with the written permission of PSI

Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials Quantitative transmission electron microscopy is currently the only method that cam be used to determine if this material can be considered or treated as non-asbestos-containing

ANALYST:Elizabeth Hine

SAMPLED BY:Jeff Mt Pleasant

Respectfully submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.

ELAP #10849 NVLAP #1173

Professional Service Industries, Inc.

Report of Bulk Sample Analysis for Asbestos by Polarized Light Microscopy

Client: Lennar Partners
c/o Douglas M Halsey, P A
First Union Financial Center
200 South Biscayne Boulevard
Miami, Fla 33131-5309

Attn:

Project #: 878-4E323
Phase I ESA-Big N Plaza
Schenectady, NY
Control No 3704

Date: 8/29/94

Report #: B554

Serial Number	Sample Location/ Material Description	Homo	Layers	Fibrous	Color	Asbestos Present	Total Asb.	ASBESTOS					NON-ASBESTOS			
								Chry.	Amo.	Cro.	Ant.	Act /Tre	Glass Fibers	Cell	Syn	Non-Fibrous Material
* 949738B	7-Vacant Space Near SW Door Floor Tile Mastic	YES	YES	NO	Black Gray	N/D	N/D							<1%		99%
* 949739B	8-Vacant Space Mid South Wall Floor Tile Mastic	YES	YES	NO	Black Gray	N/D	N/D							<1%		99%
* 9497408	9-Vacant Space Mid North Wall Floor Tile Mastic	YES	NO	NO	Black	YES	<1%	<1%						<1%		99%

N/D = None Detected

The results are valid oniy for the item tested This report may not be used by the client to claim product endorsement by NVLAP or any agency of the U S Government Method used: E P A interim Method for the Determination of Asbestos in Bulk insulation Samples EPA-600/MR-82-020 Dec. 1982 Samples will be disposed of within 60 days unless otherwise notified in writing by client This report must be reproduced in fuii and may oniy be reproduced with the written permission of PSI

* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non friable organically bound materials Quantitative transmission electron microscopy is currently the oniy method that cam be used to determine if this material can be considered or treated as non-asbestos-containing

ANALYST: Ellzabeth Hine

SAMPLED BY: Jeff Mt Pleasant

Respectfully submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.

ELAP #10849 NVLAP #1173

423A New Karner Road Shaker Park West • Albany, NY 12205 • Phone: 518/452-0777 • Fax: 518/452-0780

APPENDIX H
AUTHOR CREDENTIALS

Professional Service Industries, Inc.

This is to certify that

JEFFREY T. Mt. PLEASANT

has successfully completed Educational Curriculum, the required demonstrated proficiency, and examination on the subject of

ENVIRONMENTAL SITE ASSESSMENT SEMINAR

PHASE I

Presented by _____

W. K. Swartzendruber, P.E.
Director of Training

PROFESSIONAL SERVICE INDUSTRIES INC CORPORATE SEAL DELAWARE

Given this 14th *day of* November *19* 90

Professional Service Industries, Inc.

This is to certify that

JEFFREY MT. PLEASANT

has successfully completed Educational Curriculum, the required demonstrated proficiency, and examination on the subject of

ENVIRONMENTAL SITE ASSESSMENT SEMINAR

PHASE II

Presented by W. R. Swartzendruber

W. R. Swartzendruber, P.E.
Director of Training

PROFESSIONAL SERVICE INDUSTRIES, INC. CORPORATE SEAL DELAWARE

Given this 30th *day of* October *19* 91

PSI Professional Service Industries, Inc.

Environmental Professional

Jeff Mt. Pleasant

S. S. No. 089-60-0664

has fulfilled the requirements of ASTM Standard E 1527-93 and current PSI policies and procedures and is hereby designated an Environmental Professional by Professional Service Industries, Inc., 510 East 22nd Street, Lombard, Illinois.60148, 708-691-1490. This designation is effective for a period of 12 months after the date below.

The Continuing Education Unit™

Date of Designation: *06/30/94* *Renewal:*

Director of Training:

PROFESSIONAL SERVICE INDUSTRIES, INC. PSI

5PSI 41806 EP

JEFFREY T. MT. PLEASANT
PROJECT INDUSTRIAL HYGIENIST

EDUCATION

B A Environmental Studies (1988)
- Major Focus in Chemistry
- Minor Focus in Biology
Internship in Environmental Chemistry
PCB Degradation in the Hudson River

PREVIOUS WORK EXPERIENCE

Environmental Chemistry Intern with DEC (1984)

U S Department of Interior - Geological Survey (1989)
- Hydrologic Technician - collected and compiled data for *Hudson* River PCB Project in *co-op with DEC*

PSI WORK EXPERIENCE

indoor Air Quality Investigations (IAQ)

NY Telephone Office - Watervliet, NY (General Survey)
NY Teiephone Office - Saratoga Springs, NY (General Survey)
NY Telephone Office -Glens Falls. NY (General Survey)
General Electric Company - Westborough, MA (General Survey)
Saugerties High School - Saugerties, NY (Baseline Survey)
Guilderland High School . Guilderland, N (Special Survey)
Mohonasen High School - Rotterdam, NY (Microbiological Sampling)
Bingharnton Psychiatric Center. Binghamton, NY (Pesticide, Herbicide, Metals, Vdatile & Semi-Volatile Sampling)
Lydail-Manning Corporation - Green Island, NY (Fiberglass Air Monitoring)

Environmental Site Assessments (ESA)

Crown American Corporation - Hess's Department Stores (7 NY Stores)
Rosetti Associates - Albany, NY
Stuyvesant Plaza, Inc - Albany, NY
The Home Depot - Wappingers Falls &Clarence, NY
ALCO Standard Company - Nova Scotia. Canada & Farmington, NY
Tiger Racquet Fitness & Exercise Center, Inc - Kingston, NY
Hardee's Food Systems - Syracuse. NY (2 Sites)
The Kerber Corporation - Albany, NY
Weintraub Corporation - Lauderhill, FL
Landstar Homes - Sunrise. FL
Levitt Homes, Inc - Delray Beach, FL
K-Mart - Fairfield, NJ &Valley Stream, NY
Halsey/Lennar - Clay, NY
New Plan Realty Trust. Buifalo. NY. Rome. NY & Geneva NY
Federal Deposit Insurance Corporation (FDIC) - Boston. MA (2 Sites)

SUMMARY

Mr. Mt. Pleasant is responsible for performing Indoor Air Quality investigations in various types of work environments, He has had survey experience in institutions ranging from office buildings to schools and industrial settings He has experience in investigating acute problems and developing comprehensive sampling plans in accordance with the supplied information He has attained deadlines without sacriiicing quality and thoroughness of reports The follow-up on projects is always prompt and iniormative

Mr Mt. Pleasant assembies the facts and data for a project and arranges methodical and comprehensive procedures to attain the clients' goals He works in close association with Mr Lawrence Bergie, PSI's Certified Industrial Hygienist and Mr Joseph Kuchinicki, PSI's Senior Author to provide the professional and concise reports which are representative of PSI's dedication to a high quality professional product

M r Mt Pleasant also performs Phese I Environmental Site Assessments for properties.. Clients often request this service when they are purchasing a property or when they want to update the property value. Mr. Mt Pleasant performs a site reconnaissance and a record search to ascertain information 'on the site He also contacts the building occupants, local government officials, and other sources familiar with the site The result is a comprehensive report summarizing the environmental concerns associated with the site

CERTIFICATIONS

EPA Accredited Contractor/Supervisor
EPA Accredited Inspector
NIOSH 532
New York State -Air Sampling
New York State - inspector
New York State - Project Monitor
New York State Department of Environmental Consewation
- Radon Workshop
Environmental Site Assessment Phase I
Environrnental Site Assessment Phase II
Environmental Specialist
OSHA 40 Hour Hazardous Waste Worker & Supervisor
State of Rhode Isiand - Asbestos Inspector

APPENDIX C

FIELD GC CHROMATOGRAPHS

STANDARDS

RAW DABA SHEET

Date: 2/16/05 **Page:** 1 of 2

Big N Plaza
Schenectady, N.Y.

PHOTOVAC

START

STOP * 606.0
SAMPLE LIBRARY 3 FEB 16 2004 18: 2
ANALYSIS # 2 KARNER PLAZA
INTERNAL TEMP 21 DRY RUN
GAIN 1X

COMPOUND NAME	PEAK	R.T.	AREA/PPM
ETHYLBENZENE	1	338.2	3.475 PPB

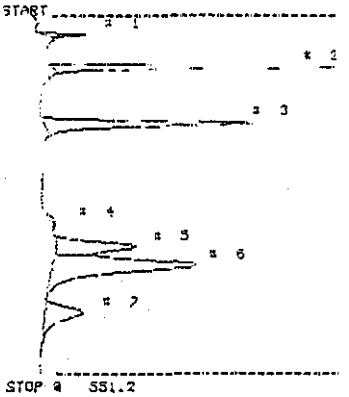
PHOTOVAC

3 COMPOUND	ID #	R.T.	LIMIT
PERC	1	239.6	0.000 PPB
TCE	2	97.1	0.000 PPB
TOLUENE	3	184.5	0.000 PPB
ETHYLBENZENE	4	355.5	0.000 PPB
M-P XYLENE	5	385.0	0.000 PPB
O-XYLENE	6	457.3	0.000 PPB
BENZENE	7	77.6	0.000 PPB
VINYL CHLORIDE	8	28.4	0.000 PPB

Perfect Std Line

PHOTOVAC

START



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SAMPLE LIBRARY 3 FEB 16 2004 18:23
ANALYSIS # 3 KARNER PLAZA
INTERNAL TEMP 22 STANDARD
GAIN 1X 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
VINYL CHLORIDE	1	31.4	54.99 PPB
BENZENE	2	79.1	77.18 PPB
TOLUENE	3	167.3	180.7 PPB
ETHYLBENZENE	5	353.7	176.7 PPB
M-P XYLENE	6	388.3	172.3 PPB
O-XYLENE	7	462.5	130.8 PPB

PHOTOVAC

CALIBRATED PEAK 3.:OLUENE

SAMPLE LIBRARY 3 FEB 16 2004 18:31
ANALYSIS # 3 KARNER PLAZA
INTERNAL TEMP 21 STANDARD
GAIN 1X 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
VINYL CHLORIDE	1	31.4	29.93 PPB
BENZENE	2	79.1	42.31 PPB
TOLUENE	3	167.3	130.3 PPB
ETHYLBENZENE	5	353.7	36 23 PPB
M-P XYLENE	6	388.3	93 32 PPB
O-XYLENE	7	462.5	82 4 PPB

PHOTOVAC

3 COMPOUND	ID #	R.T.	LIMIT
PERC	1	240.7	0.000 PPB
TCE	2	98.8	0.000 PPB
TOLUENE	3	187.3	0.000 PPB
ETHYLBENZENE	4	361 6	0.000 PPB
M-P XYLENE	5	331 6	0.000 PPB
O-XYLENE	6	465 7	0.000 PPB
BENZENE	7	78.3	0.000 PPB
VINYL CHLORIDE	8	28.3	0.000 PPB

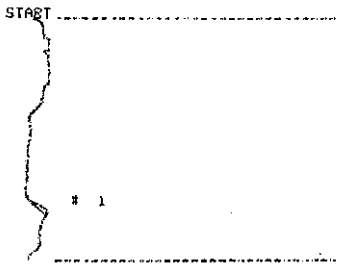
NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORP.
1478 Route 50, P.O. Box 2167 Ballston Spa, NY 12020
Phone (518) 884-8545 Fax (518) 884-9710 e-mail: neTC@nycap.rr.com

RAW DATA SHEET

Date: 2/16/05 **Page:** 2 of 2

Big N Plaza
Schenectady, N.Y.

PHOTOVAC



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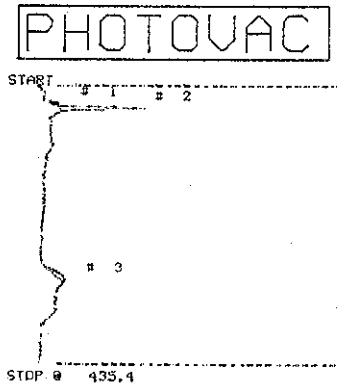
SAMPLE LIBRARY 3 FEB 16 2004 15:39
ANALYSIS # 5 BIG N
INTERNAL TEMP 25 DRY RUN
GAIN 10

COMPOUND NAME	PEAK	R.T	AREA/PPM
UNKNOWN	1	306.5	203.7 mVS

PHOTOVAC

3 COMPOUND	ID #	R.T.	LIMIT
PERC	1	239.6	0.000 PPB
TCE	2	97.1	0.000 PPB
TOLUENE	3	164.5	0.000 PPB
ETHYLBENZENE	4	355.5	0.000 PPB
M-P XYLENE	5	385.0	0.000 PPB
O-XYLENE	6	457.3	0.000 PPB
BENZENE	7	77.6	0.000 PPB
VINYL CHLORIDE	8	28.4	0.000 PPB

PHOTOVAC



STOP @ 435.4
SAMPLE LIBRARY 3 FEB 16 2004 15:47
ANALYSIS # 6 BIG N
INTERNAL TEMP 25 SYRINGE BLANK
GAIN 10 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	36.6	343.0 mVS
UNKNOWN	3	306.2	236.4 mVS

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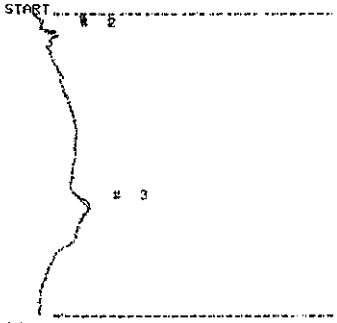
SOIL GAS SAMPLE RESULTS

NORTHEASTERN
ENVIRONMENTAL
TECHNOLOGIES CORP

RAW DATA SHEET

Date: 2/16/05 **Page : of** 3 **Big N Plaza Schenectady, N.Y.**

PHOTOVAC



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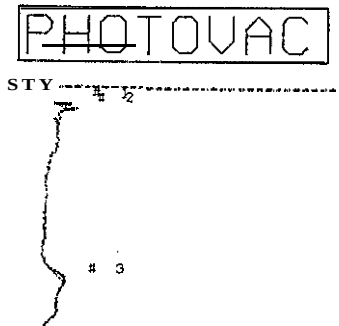
ANALYSIS # 7 BIG N
INTERNAL TEMP 24 SG-1
GAIN 10 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	3	304.7	186.8 mVS

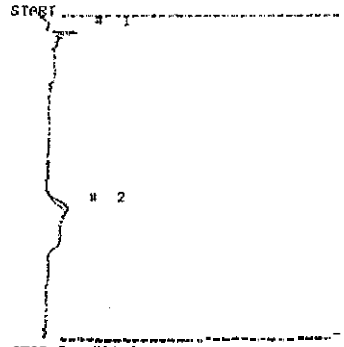
PHOTOVAC



STOP @ 534.1
SAMPLE LIBRARY 3 FEB 16 2004 16: 5
ANALYSIS # 8 BIG N
INTERN* TEMP 22 SG-3
GAIN 10 250 MICROLITERS

COMPOUND W E	PEAK	6 I	AREA/PPM
UNKNOWN	3	305.6	213.6 mVS

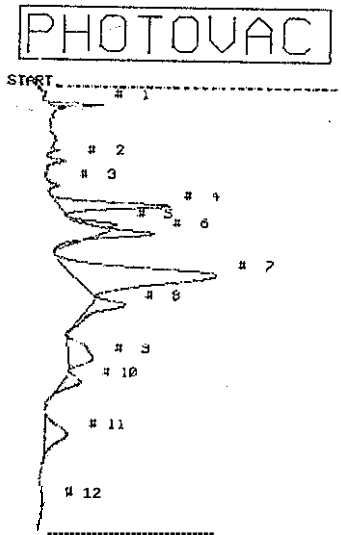
PHOTOVAC



STOP @ 506.9
SAMPLE LIBRARY 3 FEB 16 2004 16:15
ANALYSIS # 9 BIG N
INTERNAL TEMP 25 SG-4
GAIN 10 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	305.3	201.1 mVS

PHOTOVAC



STOP @ 700.0
SAMPLE LIBRARY 3 FEB 16 2004 16:28
ANALYSIS # 10 BID N
INTERNAL TEMP 25 SG-5
GAIN 10 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
VINYL CHLORIDE	1	30.6	66.03 PPB
UNKNOWN	2	126.1	203.5 mVS
TOLUENE	3	158.7	3 721 PPB
UNKNOWN	4	189.1	3.9 VS
PERC	5	218.3	13.49 PPB
PERC	6	233.1	47.10 PPB
UNKNOWN	7	297.2	12.7 VS
ETHYLBENZENE	8	345.8	79.03 PPB
O-XYLENE	9	430.5	149.2 PPB
O-XYLENE	10	467.7	60.41 PPB
UNKNOWN	11	551.3	2.1 VS

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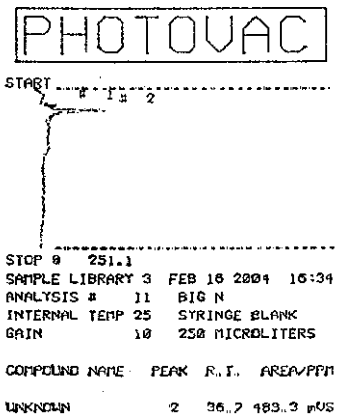
Phone:(518) 884-8545 Fax:(518) 884-9710 e-mail: jeffNETC@nycap.rr.com

RAW DATA SHEET

Date: 2/16/05

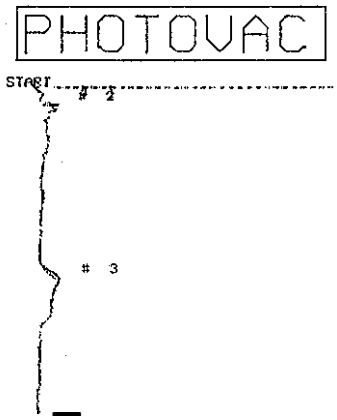
Page: 2 of 3

Big N Plaza
Schenectady, N.Y.



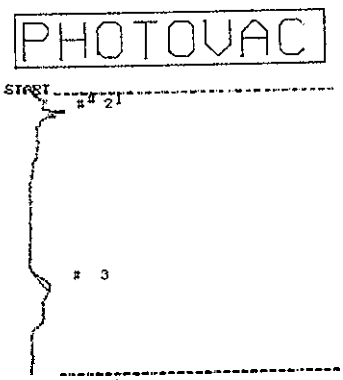
STOP @ 251.1
SAMPLE LIBRARY 3 FEB 16 2004 16:34
ANALYSIS # 11 BIG N
INTERNAL TEMP 25 SYRINGE BLANK
GAIN 10 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	36.7	483.3 mVS



STOP @ 514.4
SAMPLE LIBRARY 3 FEB 16 2004 16:52
ANALYSIS # 13 BIG N
INTERNAL TEMP 24 SG-9
GAIN 10 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	3	305.0	189.7 mVS



STOP @ 440.4
SAMPLE LIBRARY 3 FEB 18 200.1 16:43
ANALYSIS # 12 BIG N
INTERNAL TEW 25 SG-6
GAIN 10 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	3	305.3	236.4 mVS

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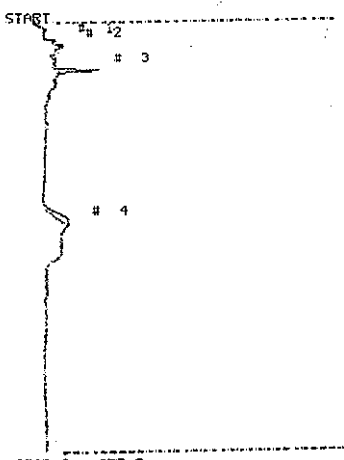
RAW DATA SHEET

Date: 2/16/05 **Page:** 3 of 3

Big N Plaza
Schenectady, N.Y.

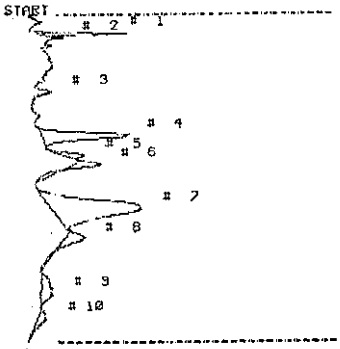
PHOTOVAC



STOP @ 673.3
SAMPLE LIBRARY 3 FEB 16 2004 19: 4
ANALYSIS # 6 ~~KARNER PLAZA~~ BIG N
INTERNAL TEMP 23
GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
BENZENE	3	76.4	1.030 PPB
UNKNOWN	4	314.3	272.7 mUS

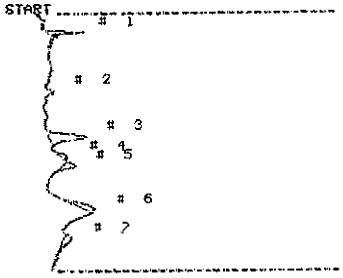
PHOTOVAC



STOP @ 514.4
SAMPLE LIBRARY 3 FEB 16 2004 18:50
ANALYSIS # 5 ~~KARNER PLAZA~~ BIG N
INTERNAL TEMP 23 SG-5
GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
VINYL CHLORIDE	1	30.3	23.65 PPB
UNKNOWN	3	123.3	118.0 mUS
UNKNOWN	4	193.5	3.1 US
PERC	5	224.2	3.324 PPB
PERC	6	238.5	6.555 PPB
UNKNOWN	7	308.0	8.3 US
ETHYLBENZENE	8	354.8	12.11 PPB
O-XYLENE	9	440.5	17.95 PPB
O-XYLENE	10	478.5	6.308 PPB

PHOTOVAC



STOP @ 404.9
SAMPLE LIBRARY 3 FEB 16 2004 18:40
ANALYSIS # 4 ~~KARNER PLAZA~~ BIG N
INTERNAL TEMP 23 SG-5
GAIN 10 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
VINYL CHLORIDE	1	30.7	23.00 PPB
UNKNOWN	3	194.5	1.2 US
PERC	5	240.2	5.547 PPB
UNKNOWN	6	303.8	302.7 mUS
ETHYLBENZENE	7	356.6	10.53 PPB

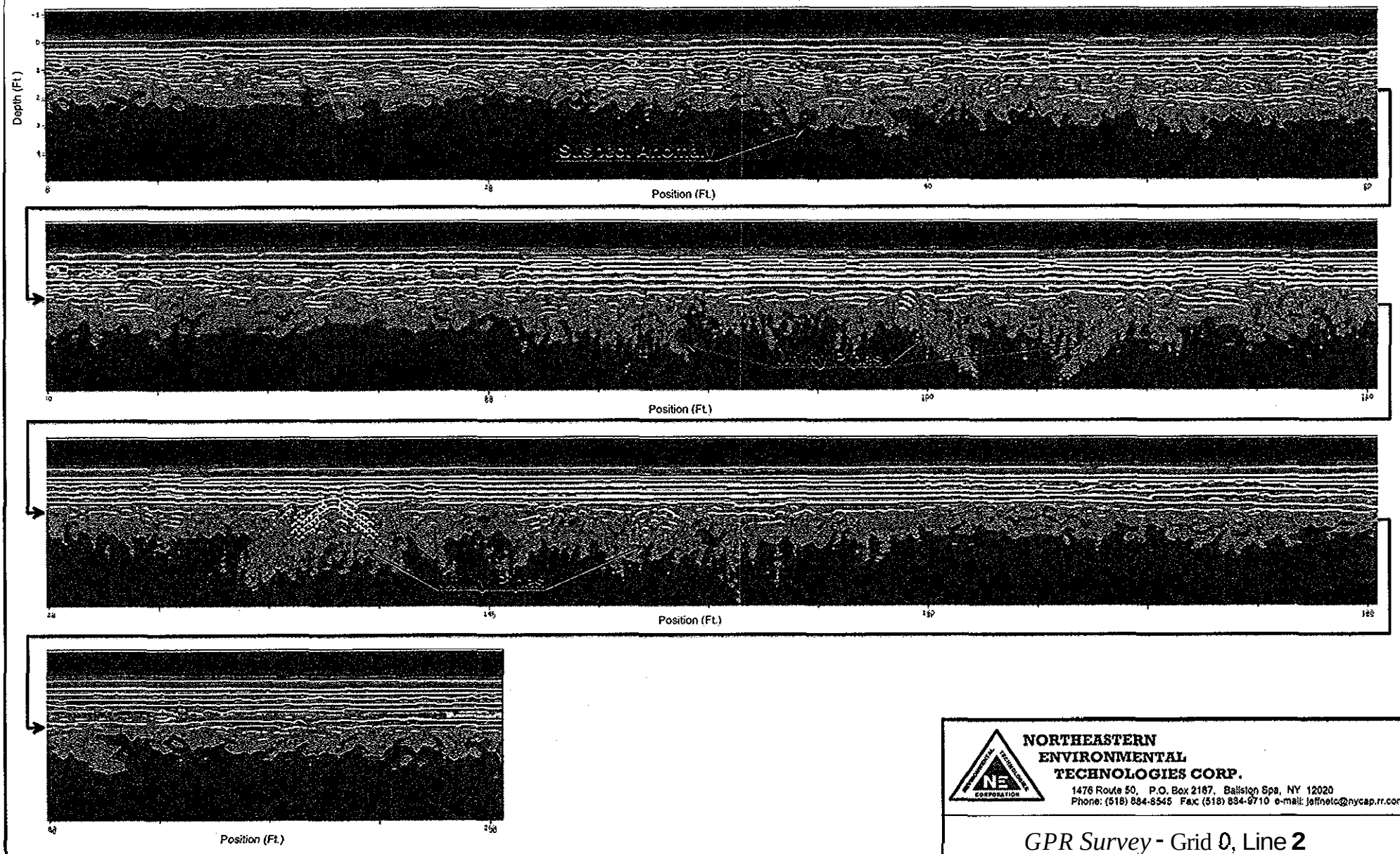
NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORP.
1478 Route 50, P.O.Box 2167, Ballston Spa, NY 12020
Phone:(518) 884-8545 Fax:(518) 884-9710 e-mail: jeffNETC@nycap.rr.com

APPENDIX D

GPR SURVEY RESULTS

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORP.

GPR Survey - Grid 0, Line 2



NOTE: All graph features are approximate. This graph is intended for illustration purpose associated with a GPR Survery performed the Big N Plaza.

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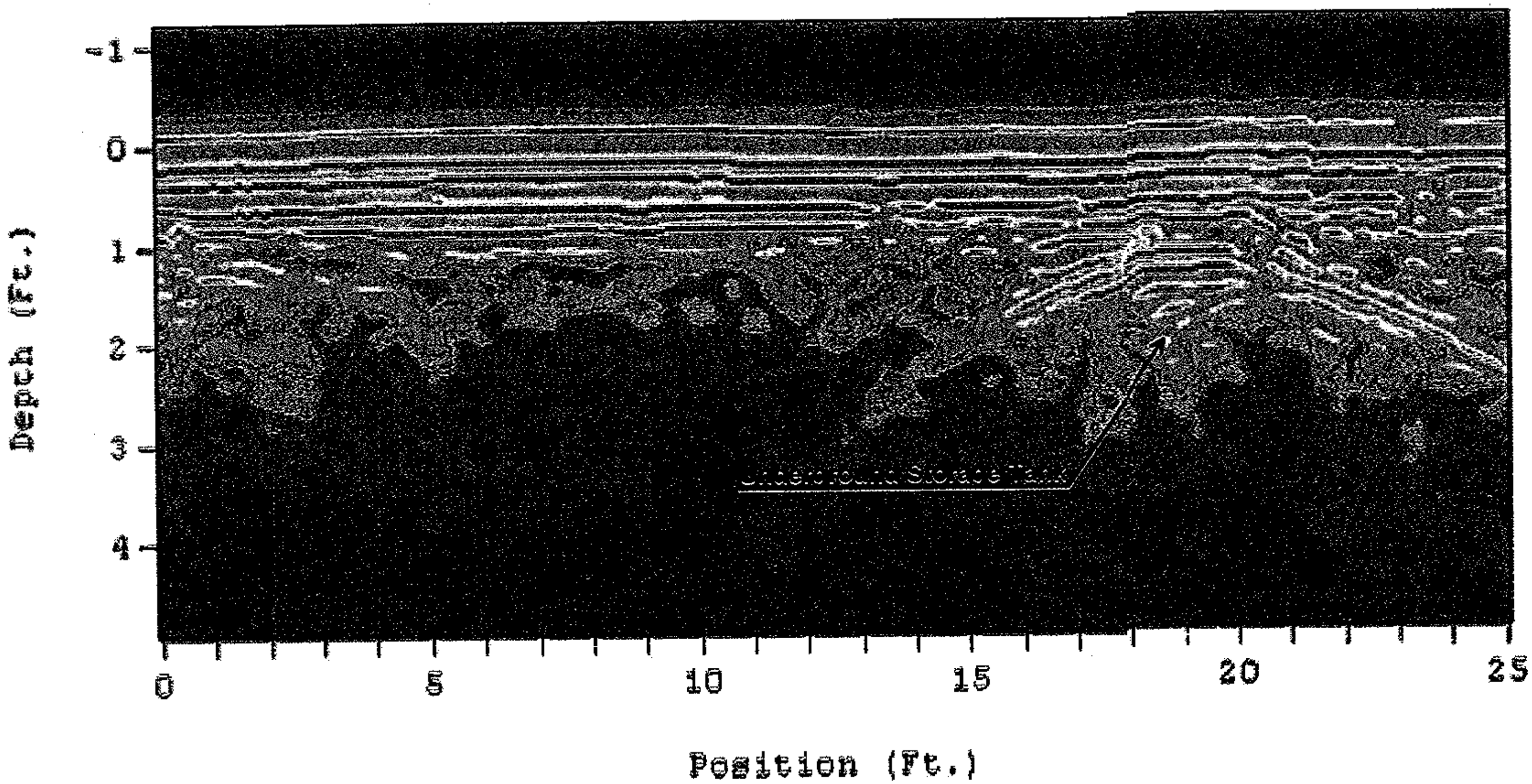
GPR Survey - Grid 0, Line **2**

Big N Plaza - Schenectady, New York

Project # 04.12144	Date: February 17, 2005

common/netc/sites/youngsommer/bign/gprdata/maps/GOL2

GPR Survey - Project 1, Line 3



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GPR Survey - Project 1, Line 3

Big N Plaza - Schenectady, New York

Project # 04.12144	Date: February 17,2005

NOTE: All graph features are approximate
This graph is intended for illustration purpose
associated with a GPR Survery performed
the Big N Plaza

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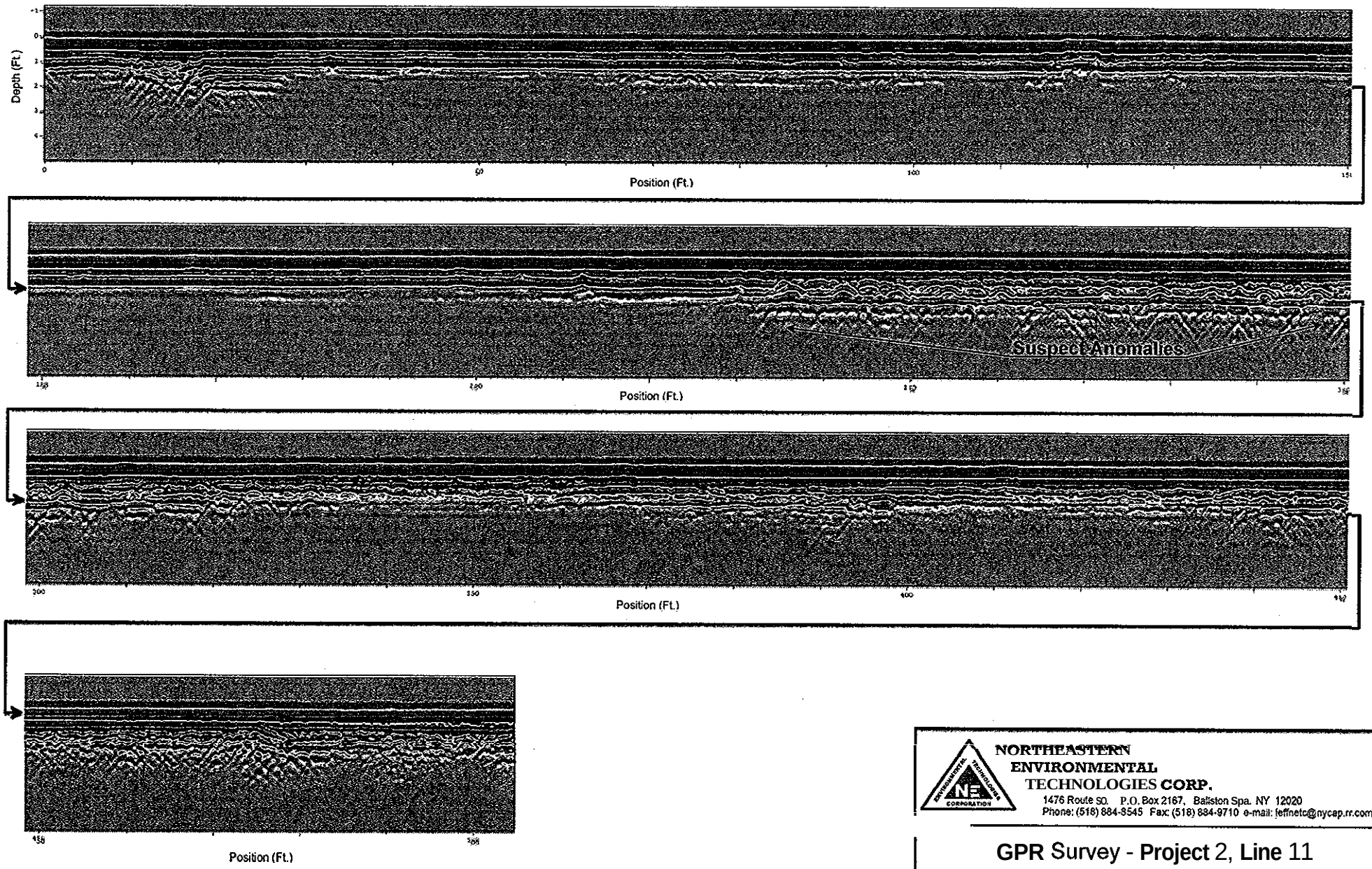
GPR Survey - Project 2, Line 11



NOTE: All graph features a n approximate. This graph is intended for illustration purpose associated with a GPR Survery performed the Big N Plaza.

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GPR Survey - Project 2, Line 11

Big N Plaza - Schenectady, New York

Project # 04.12144 | Date: February 17, 2005

common/ ites/youngsommer/bign/gprdata/maps/P2L11

APPENDIX E

TEST PIT LOGS

PRESENTATION OF IDENTIFICATIONS

BASED ON THE

BURMISTER SYSTEM

Fully Written Descriptions

start the description with the color, first letter of first color capitalized (e.g. Brown, Yellow brown, Yellow and brown). The color should be the same as field description, since with oxidation the color sometimes changes between the time the sample is recovered and when it is viewed in the laboratory.

Determine the primary component (e.g. sand, gravel, or silt) and whether the component represents 50% (by weight) or more of the sample.

1. If more than 50% sand, the word sand gets fully capitalized. Preceding the word sand, are the terms coarse, medium and/or fine as follows:

   a. If there are approximately equal amounts of coarse, medium and fine sand, the description reads "coarse to fine SAND". If there is more coarse sand, the description reads "coarse (+) to fine SAND". The same holds true for the fine sand predomination. If medium sand predominates, the description reads "coarse medium (+) to fine SAND". In order for a term coarse, medium or fine to be included in a description, it must represent at least 10% of the sand fraction.. For example, if a sample contains 70% sand, the sample must contain at least 17% of coarse sand for the word coarse to be included in the description. The above usage of coarse, medium and fine applies to gravel as well as sand.

   Unless advised to the contrary on a specific job, the differentiation between coarse and fine silt shall not: be made.

   b. A comma always appears immediately after the word sand. Next comes the' adjective giving the approximate percentage of soil by weight passing the #200 sieve as follows:

and:	35-50%	some:	20-35%
little:	10-20%	trace:	1-10%

   with a (+) sign indicating the upper third of percentage, a (-) sign indicating the lower third of percentage, and no sign indicating the middle third of percentage. Next comes a description of the soil passing the #200 sieve, based exclusively on plasticity as follows:

PI	Description	Organic
0 - 1%	Silt	(non-plastic)
1 - 5%	Clayey Silt	(Slight P.I.)
5 - 10%	Silt & Clay	(Low P.I.)
10 - 20%	Clay & Silt	(Medium P.I.)
20 - 40%	Silty Clay	(High P.I.)
40% and more	Clay	(Very High P.I.)

If the soil is organic, the term Organic Silt is used instead of the terms listed under "Description" and the terms listed under "Organic" are used at the very end of the full description (in parentheses).

c. A comma is placed immediately after the term describing the soil passing the #200 sieve (e.g. Silt & Clay). Next the usage of and, some, little or trace (with a (+) or (-) if needed) is used to indicate the percent of gravel, followed by the use of coarse, medium and/or fine to describe the gravel gradation, with the word gravel always using a capital "G".

d. An illustration of description of a soil having more than 50% sand is as follows:

Brown coarse to fine SAND, little Clayey Silt, some (-) medium to fine (+) Gravel.

2. If the major component is less than 503 of the total sample, the description is written exactly as for item 1. above (with sand coming first), except that in the word sand, only the S is capitalized rather than the full word.

3. if there is more than 50% aravel, the description once more starts with the color, followed by the applicable terms of coarse, medium and fine, followed by the word GRAVEL in all capitals.

a. The adjective giving the percentage of all the soil except gravel is placed after the word gravel, and then a comma (e.g. if there is 62% gravel, a partial description would be "Brown medium to fine (+) GRAVEL and (-),...."). The sand is then described by coarse, medium and/or fine without its own percent adjective (with only the S in sand being capitalized). A comma is placed immediately after the word Sand, after which the soil passing the $200 sieve is indicated with the adjective for percentage as given in Item 1b above..

b. An example is: Gray medium to fine (+) GRAVEL and (-), coarse to fine Sand. trace Silt.

4. If there is more than 50% passing the #200 sieve, the description once more starts with the color, followed by the #200 description based exclusively on plasticity as follows:

PI	Description	Organic
0 - 1%	SILT	(non-plastic)
1 - 5%	Clayey SILT	(Slight P.I.)
5 - 10%	SILT & CLAY	(Low P.I.)
10 - 20%	CLAY & SILT	(Medium P.I.)
20 - 40%	Silty CLAY	(High P.I.)
40% or more	CLAY	(Very High P.I.)

If the soil is organic, the term Organic SILT is used instead of the terms listed under "Description", and the terms listed under "Organic" are used at the very end of the full description (in parentheses).

a. The description is written as discussed in Section 3, with sand preceding gravel.

b. An example is: Brown Clayey SILT some (+), coarse to fine Sand, trace fine Gravel.

c. In the foregoing example, if the fines are organic the identification would be:

Brown Organic SILT some (+), coarse to fine Sand, trace fine Gravel (Slight P.I.).

5. If pockets, layers, etc., of other soil are present in the sample, include it at the end of the previously written description with a comma at the end of the previously written description.

6. If closely layered (partings, seams, or layers) soils, such as varved clays, are involved, each layer must be completely identified along with a sketch in the remarks column showing Layer thicknesses.

7. Organic soils are identified as Organic Silt (as previously described) or as Peat.

a. Characteristics of Organic Silt are:

(1) Usually light gray to very dark gray (or black) color

(2) Odor caused by decomposition of plant or animal, life imparting H_2S, CO_2 and other organic gases

(3) Plastic properties, usually very compressible

(4) May contain shells and fragments of partly decayed vegetable matter

b. Characteristics of Peat are:

(1) Fibrous aggregate of undecayed or' partially decayed vegetable matter, found in swamps

(2) Frequently contains organic silt

(3) usually light brown to black in color

(4) Distinctive odor, as for organic silt

VISUAL IDENTIFICATION OF SAMPLES

The samples were identified in accordance with the American Society for Engineering Education System of Definition

I. Definition of Soil Components and Fractions

Material	Symbol	Fraction	Sieve Size	Definition
Boulden	Bldr	—	9" +	Material retained on 9" sieve
Cobbles	Cbl	—	3" to 9"	Material passing the 9" sieve and retained on the 3" sieve,
Gravel	G	coarse (c) medium (m) fine (f)	1" to 3" ⅜" to 1" No 10 to ¾"	Material passing the 3" sieve and retained on the No 10 sieve.
Sand	S	coarse (c) medium (m) fine (f)	No 30 to No 10 No 60 to No 30 No 200 to No 60	Material passing the No. 10 sieve and retained on the No 200 sieve,,
Silt	$	—	Passing No 200 (0 074 mm)	Material passing the No 200 sieve that is non plastic in character and exhibits little or no strength when air dried

Organic Silt (Of)

Material parsing the No 200 sieve which exhibits plastic properties within a certain range of moisture content, and exhibits fine granular and organic characteristics

		Plasticity	Plasticity Index
Clayey SILT	Cy$	Slight (Sl)	1 to 5
SILT & CLAY	$&C	Low (L)	5 to 10
CLAY & SILT	C&$	Medium (M)	10 to 20
Silty CLAY	$yC	High (H)	20 to 40
CLAY	C	Very High (VH)	40 plus

Clav-Soil

Material passing the No 200 sieve which can be made to exhibit plasticity and clay qualities within a certain range of moisture content and which exhibits considerable strength when air dried,

II. Definition of Component Proportions

Component	Written	Proportions	Symbol	Percentage Range by Weight *
Principal	CAPITALS	—		50 or more
Minor	Lower Case	and	a.	35 to 50
		some	s.	20 to 35
		little	l.	10 to 20
		trace	t.	1 to 10

* Minus sign (—) lower limit, plus sign (+) upper limit, no sign middle range.

III. Glossary of Modifying Abbreviations

Category	Symbol	Term	Symbol	Term	Symbol	Term
A Borings	U/D	Undisturbed	B	Exploratory	A	Auger
B. Sampler	C	Casing	L	Lost	U	Undisturbed
	D	Denison	S	Spoon	W	Wash
	O E	Open End				
C Colors	bk	black	gn	green	wh	white
	bl	blue	or	orange	yw	yellow
	br	brown	rd	red	dk	dark
	gr	gray	tn	tan	lt	light
D. Organic Soils	dec	decayed	a	organic		vegetation
	dec'g	decaying	rts	roots	pt	peat
	lig	lignite	ts	topsoil		
E. Rock	LS	Limestone	rk	rock	Shst	Schist
	Gns	Gneiss	SS	Sandstone	Sh	Shale
F. Fill and Miscellaneous Materials	bldr (s)	boulder(s)	cbl (s)	cobble(s)	gls	glass
	brk (s)	brick (s)	wd	wood	misc	miscellaneous
	cndr (s)	cinder (s)	dbr	debris	rbl	rubble
G. Miscellaneous Terms	do	ditto	PP	pocket penetrometer	ref	refusal
	el. El	elevation			sm	small
	fgmt (s)	fragment(s)	P I.	Plasticity Index	W L	water level
	frqt	frequent			W H	weight of hammer
	lrg	large	P	pushed pressed	W R.	weight of rods
	mtld	mottled				
	no rec	no recovery	pc (s)	piece (s)		
	pen	penetration	rec or R	recovered		
H. Stratified Soils	alt	alternating				
	thk	thick				
	thn	thin				
	w	with				
	prt	parting	— 0 to 1/16' thickness			
	seam	seam	— 1/16 to ½" thickness			
	lyr	layer	— ½ to 12" thickness			
	stra	stratum	— greater than 12" thickness			
	wd c	varved Clay	— alternating seams or layers of sand, silt and clay			
	pkt	pocket	— small, erratic deposit, usually less than 1 foot			
	Ins	lens	— lenticular deposit			
	occ	occasional	— one or less per foot of thickness			
	freq	frequent	— more than one per foot of thickness			

MODIFIED BURMISTER SYSTEM

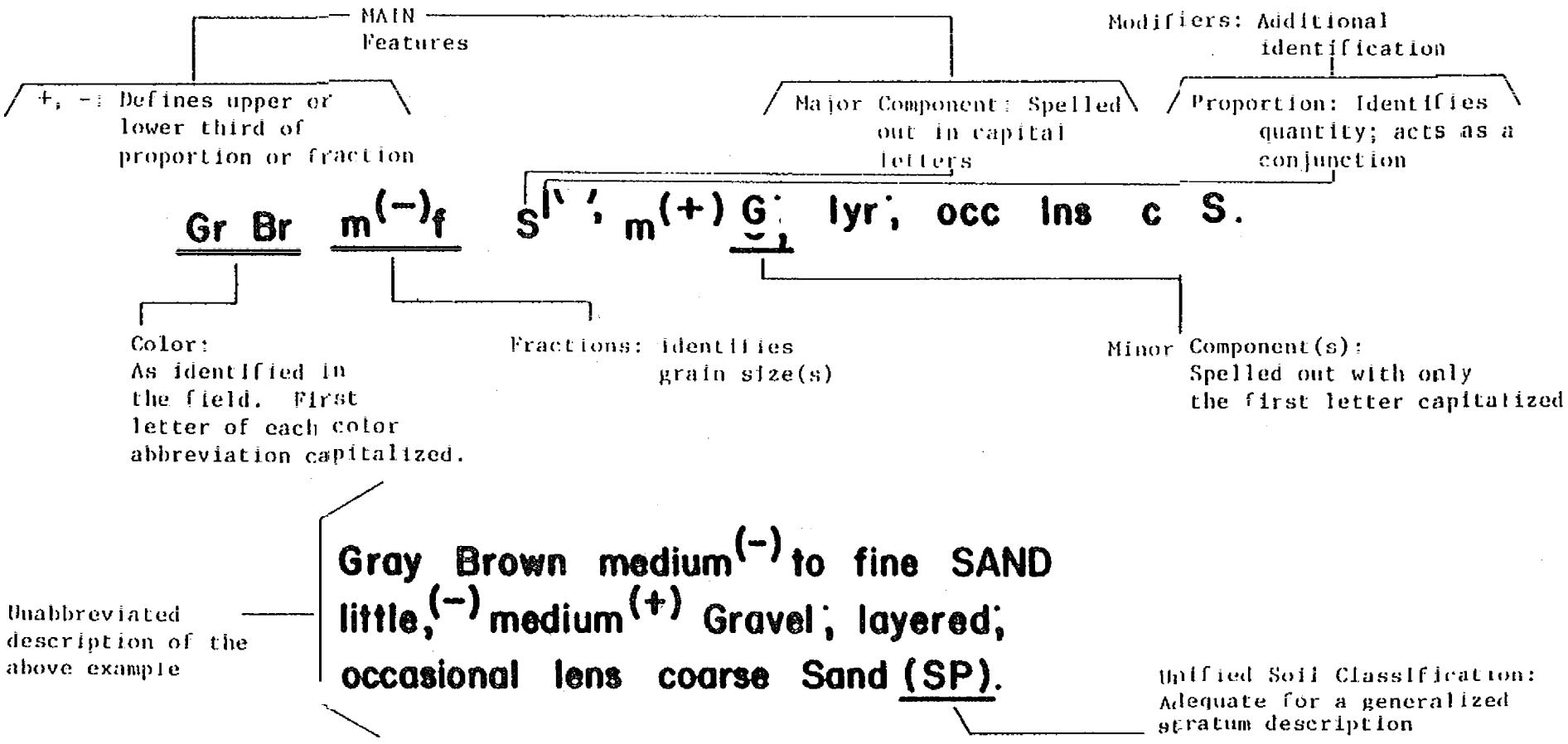
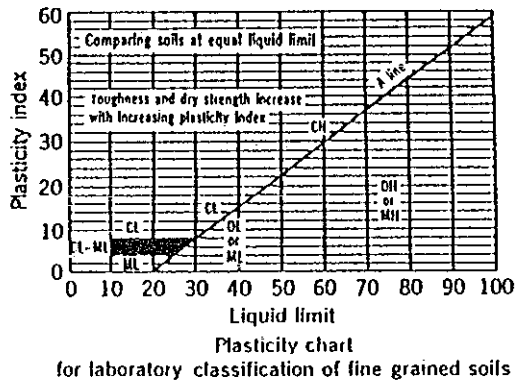


Table 3.5 Unified Soil Classification

Field Identification Procedures (Excluding particles larger than 3 in. and basing fractions on estimated weights)			Group Symbols[a]	Typical Names	Information Required for Describing Soils	Laboratory Classification Criteria
Coarse-grained soils More than half of material is *larger* than No. 200 sieve size[b]	**Gravels** More than half of coarse fraction is larger than No. 4 sieve size (For visual classification, ¼ in. size may be used as equivalent to the No. 4 sieve size)	Clean gravels (Little or no fines)	*GW*	Well graded gravels, gravel-sand mixtures, little or no fines	Give typical name; indicate approximate percentages of sand and gravel; maximum size; angularity, surface condition, and hardness of the coarse grains; local or geologic name and other pertinent descriptive information; and symbols in parentheses For undisturbed soils add information on stratification, degree of compactness, cementation, moisture conditions and drainage characteristics Example: *Silty sand*, gravelly; about 20% hard, angular gravel particles ½-in. maximum size; rounded and subangular sand grains coarse to fine, about 15% nonplastic fines with low dry strength; well compacted and moist in place; alluvial sand; (*SM*)	Determine percentages of gravel and sand from grain size curve Depending on percentage of fines (fraction smaller than No. 200 sieve size) coarse grained soils are classified as follows: Less than 5% *GW, GP, SW, SP* More than 12% *GM, GC, SM, SC* 5% to 12% *Borderline* cases requiring use of dual symbols Use grain size curve in identifying the fractions as given under field identification $C_U = \frac{D_{60}}{D_{10}}$ Greater than 4 $C_C = \frac{(D_{30})^2}{D_{10} \times D_{60}}$ Between 1 and 3
		Gravels with fines (appreciable amount of fines)	*GP*	Poorly graded gravels, gravel-sand mixture, little or no fines		Not meeting all gradation requirements for *GW*
			GM	Silty gravels, poorly graded gravel-sand-silt mixtures		Atterberg limits below "A" line, or *PI* less than 4 — Above "A" line with *PI* between 4 and 7 are *borderline* cases requiring use of dual symbols
			GC	Clayey gravels, poorly graded gravel-sand-clay mixtures		Atterberg limits above "A" line, with *PI* greater than 7
	Sands More than half of coarse fraction is smaller than No. 4 sieve size	Clean sands (Little or no fines)	*SW*	Well graded sands, gravelly sands, little or no fines		$C_U = \frac{D_{60}}{D_{10}}$ Greater than 6 $C_C = \frac{(D_{30})^2}{D_{10} \times D_{60}}$ Between 1 and 3
			SP	Poorly graded sands, gravelly sands, little or no fines		Not meeting all gradation requirements for *SW*
		Sands with fines (Appreciable amount of fines)	*SM*	Silty sands, poorly graded sand-silt mixtures		Atterberg limits below "A" line or *PI* less than 5 — Above "A" line with *PI* between 4 and 7 are *borderline* cases requiring use of dual symbols
			SC	Clayey sands, poorly graded sand-clay mixtures		Atterberg limits below "A" line with *PI* greater than 7
Fine-grained soils More than half of material is *smaller* than No. 200 sieve size (The No. 200 sieve size is about the smallest particle visible to naked eye)	**Identification Procedures on Fraction Smaller than No. 40 Sieve Size**					
		Dry Strength (crushing characteristics)	**Dilatancy (reaction to shaking)**	**Toughness (consistency near plastic limit)**		
	Silts and clays liquid limit less than 50	None to slight	Quick to slow	None	*ML*	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands with slight plasticity
		Medium to high	None to very slow	Medium	*CL*	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
		Slight to medium	Slow	Slight	*OL*	Organic silts and organic silt-clays of low plasticity
	Silts and clays liquid limit greater than 50	Slight to medium	Slow to none	Slight to medium	*MH*	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
		High to very high	None	High	*CH*	Inorganic clays of high plasticity, fat clays
		Medium to high	None to very slow	Slight to medium	*OH*	Organic clays of medium to high plasticity
Highly Organic Soils		Readily identified by colour, odour, spongy feel and frequently by fibrous texture			*Pt*	Peat and other highly organic soils



Plasticity chart
for laboratory classification of fine grained soils

From Wagner, 1957.

[a] *Boundary classifications.* Soils possessing characteristics of two groups are designated by combinations of group symbols. For example *GW-GC*, well graded gravel-sand mixture with clay binder.

[b] All sieve sizes on this chart are U.S. standard.

Field Identification Procedure for Fine Grained Soils or Fractions

These procedures are to be performed on the minus No. 40 sieve size particles, approximately ¼ in. For field classification purposes, screening is not intended, simply remove by hand the coarse particles that interfere with the tests.

Dilatancy (Reaction to shaking):

After removing particles larger than No. 40 sieve size, prepare a pat of moist soil with a volume of about one-half cubic inch. Add enough water if necessary to make the soil soft but not sticky.

Place the pat in the open palm of one hand and shake horizontally, striking vigorously against the other hand several times. A positive reaction consists of the appearance of water on the surface of the pat which changes to a livery consistency and becomes glossy. When the sample is squeezed between the fingers, the water and gloss disappear from the surface, the pat stiffens and finally it cracks or crumbles. The rapidity of appearance of water during shaking and of its disappearance during squeezing assist in identifying the character of the fines in a soil.

Very fine clean sands give the quickest and most distinct reaction whereas a plastic clay has no reaction. Inorganic silts, such as a typical rock flour, show a moderately quick reaction.

Dry Strength (Crushing characteristics):

After removing particles larger than No. 40 sieve size, mould a pat of soil to the consistency of putty, adding water if necessary. Allow the pat to dry completely by oven, sun or air drying, and then test its strength by breaking and crumbling between the fingers. This strength is a measure of the character and quantity of the colloidal fraction contained in the soil. The dry strength increases with increasing plasticity.

High dry strength is characteristic for clays of the CH group. A typical inorganic silt possesses only very slight dry strength. Silty fine sands and silts have about the same slight dry strength, but can be distinguished by the feel when powdering the dried specimen. Fine sand feels gritty whereas a typical silt has the smooth feel of flour.

well Graded soils contain all sizes of soil particles.
well Graded = poorly sorted

Toughness (Consistency near plastic limit):

After removing particles larger than the No. 40 sieve size, a specimen of soil about one-half inch cube in size, is moulded to the consistency of putty. If too dry, water must be added and if sticky, the specimen should be spread out in a thin layer and allowed to lose some moisture by evaporation. Then the specimen is rolled out by hand on a smooth surface or between the palms into a thread about one-eight inch in diameter. The thread is then folded and re-rolled repeatedly. During this manipulation the moisture content is gradually reduced and the specimen stiffens, finally loses its plasticity, and crumbles when the plastic limit is reached.

After the thread crumbles, the pieces should be lumped together and a slight kneading action continued until the lump crumbles.

The tougher the thread near the plastic limit and the stiffer the lump when it finally crumbles, the more potent is the colloidal clay fraction in the soil. Weakness of the thread at the plastic limit and quick loss of coherence of the lump below the plastic limit indicate either inorganic clay of low plasticity, or materials such as kaolin-type clays and organic clays which occur below the A-line.

Soil Characteristics Pertinent to Roads and Airfields

Major Divisions		Letter (1)	Name	Value as Subgrade When Not Subject to Frost Action	Value as Subbase When Not Subject to Frost Action	Value as Base When Not Subject to Frost Action	Potential Frost Action	Compressibility and Expansion	Drainage Characteristics	Compaction Equipment	Unit Dry Weight lb. per cu. ft.	Typical Design Values	
												CBR (2)	Subgrade Modulus k lb. per cu. in.
Coarse-grained Soils	Gravel and Gravelly Soils	GW	Well-graded gravels or gravel-sand mixtures, little or no fines	Excellent	Excellent	(d)	None to very slight	Almost none	Excellent	Crawler-type tractor, rubber-tired roller, steel-wheeled roller	125-140	40-80	300-500
		GP	Poorly graded gravels or gravel-sand mixtures, little or no fines	Good to excellent	Good	Fair to good	None to very slight	Almost none	Excellent	Crawler-type tractor, rubber-tired roller, steel-wheeled roller	110-140	30-60	300-500
		GM d	Silty gravels, gravel-sand-silt mixtures	Good to excellent	Good	Fair to good	Slight to medium	Very slight	Fair to poor	Rubber-tired roller, sheepsfoot roller; close control of moisture	125-145	40-60	300-500
		GM u		Good	Fair	Poor to not suitable	Slight to medium	Slight	Poor to practically impervious	Rubber-tired roller, sheepsfoot roller	115-135	20-30	200-500
		GC	Clayey gravels, gravel-sand-clay mixtures	Good	Fair	Poor to not suitable	Slight to medium	Slight	Poor to practically impervious	Rubber-tired roller, sheepsfoot roller	130-145	20-40	200-500
	Sand and Sandy Soils	SW	Well graded sands or gravelly sands little or no fines	Good	Fair to good	Poor	None to very slight	Almost none	Excellent	Crawler-type tractor, rubber-tired roller	110-130	20-40	200-400
		SP	Poorly graded sands or gravelly sands, little or no fines	Fair to good	Fair	Poor to not suitable	None to very slight	Almost none	Excellent	Crawler-type tractor, rubber-tired roller	105-135	10-40	150-400
		SM d	Silty sands, sand-silt mixtures	Fair to good	Fair to good	Poor	Slight to high	Very slight	Fair to poor	Rubber-tired roller, sheepsfoot roller; close control of moisture	120-135	15-40	150-400
		SM u		Fair	Poor to fair	Not suitable	Slight to high	Slight to medium	Poor to practically impervious	Rubber-tired roller, sheepsfoot roller	100-130	10-20	100-300
		SC	Clayey sands, sand-clay mixtures	Poor to fair	Poor	Not suitable	Slight to high	Slight to medium	Poor to practically impervious	Rubber-tired roller, sheepsfoot roller	100-135	5-20	100-300
Fine-grained Soils	Silts and Clays L.L. is less than 50	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity	Poor to fair	Not suitable	Not suitable	Medium to very high	Slight to medium	Fair to poor	Rubber-tired roller, sheepsfoot roller; close control of moisture	90-130	15 or less	100-200
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays	Poor to fair	Not suitable	Not suitable	Medium to high	Medium	Practically impervious	Rubber-tired roller, sheepsfoot roller	90-130	15 or less	50-150
		OL	Organic silts and organic silt-clays of low plasticity	Poor	Not suitable	Not suitable	Medium to high	Medium to high	Poor	Rubber-tired roller, sheepsfoot roller	90-105	5 or less	50-100
	Silts and Clays L.L. is Greater than 50	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts	Poor	Not suitable	Not suitable	Medium to very high	High	Fair to poor	Sheepsfoot roller, rubber-tired roller	80-105	10 or less	50-100
		CH	Inorganic clays of medium to high plasticity, organic silts	Poor to fair	Not suitable	Not suitable	Medium	High	Practically impervious	Sheepsfoot roller, rubber-tired roller	90-115	15 or less	50-150
		OH	Organic clays of high plasticity, fat clays	Poor to very poor	Not suitable	Not suitable	Medium	High	Practically impervious	Sheepsfoot roller, rubber-tired roller	80-110	5 or less	25-100
Highly Organic Soils		Pt	Peat and other highly organic soils	Not suitable	Not suitable	Not suitable	Slight	Very high	Fair to poor	Compaction not practical	—	—	—

Note:

(1) Unit Dry Weights are for compacted soil at optimum moisture content for modified AASHO compaction effort. Division of GM and SM groups into subdivision of d and u are for roads and airfields only. Subdivision is basis of Atterberg limits; suffix d (e.g., GMd) will be used when the liquid limit (L.L.) is 25 or less and the plasticity index is 6 or less; the suffix u will be used otherwise.

(2) The maximum value that can be used in design of airfields is, in some cases, limited by gradation and plasticity requirements

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST PIT LOG

Test Pit No. TP-1

PROJECT:	Big N - Plaza Maxon Rd. Schenectady	**PROJECT #**	04.12144
CLIENT:	Young, Sommer LLC	M.P. ELEV.	-----
PURPOSE:	Phase 2 Site Assessment Services	GR. ELEV.	-----
CONTRACTOR	NETC	DATUM	-----
EQUIPMENT:	Kobelco PC 160	DATE START	02/23/2005
GROUND WATER LEVEL:	Dry	DATE **FINISH**	02/23/2005
MEASURING PT.:	Ground	OPERATOR	Rick Earl
DATE:	02/23/05	INSPECTOR	Joe Naselli

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	GEOLOGIC DESCRIPTION	REMARKS
1.0	S-1	BKG	Asphalt - Br c-fS, a c-fG, s $	No odor. Dry
2.0			Brown coarse to fine SAND and coarse to fine Gravel some Silt	
3.0	S-2	BKG	Gr m-f S, a Cy$, I mfG +/- 5'	Tight Till
4.0			Gray medium to fine SAND, and Clavey Silt, little medium to fine Gravel	No Odor
5.0	S-3	BKG		
6.0				
7.0			End of Test Pit @ 6 0 feet - Hard Till	
8.0				
9.0				
10.0				
11.0				
12.0				
13.0				
14.0				
15.0				
16.0				
17.0				
18.0				
19.0				
20.0			Test Pit Completed @ 6 0 Feet	

Shipping Address: 1476 Route 50 Ballston Spa NY 1 (518) 884-8545 -Phone
Mailing Address: P O Box2167 Ballston Spa, NY 1 (518) 884-9710 - Fax

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST PIT LOG — TP-2

PROJECT:	Big N - Plaza Maxon Rd. Schenectady	PROJECT #	04.12144
CLIENT:	Young, Sommer LLC	M.P. ELEV.	-----
PURPOSE:	Phase 2 Site Assessment Services	GR. ELEV.	
CONTRACTOR	NETC	DATUM	-----
EQUIPMENT:	Kobelw PC 160	DATE START	02/23/2005
GROUND WATER LEVEL:	+/- 4.0ft.	DATE FINISH	02/23/2005
MEASURING PT.:	Ground	OPERATOR	Rick Earl
DATE:	02/23/05	INSPECTOR	Joe Naselli

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	GEOLOGIC DESCRIPTION	REMARKS
1.0	S-1	BKG	Br c-f S a c-f G, s(+) $	Moist, no odor
2.0			Brown Coarse to fine SAND and coarse to fine GRAVEL, some(+) Silt	
3.0	S-2	30	Gr m-f S, a Cy$, I mfG +/- 1 5'	Tight Till
4.0			Gray medium to fine SAND, and Clayey Silt, little medium to fine Gravel	Strong Petroleum odor, WET
5.0			concrete +/- 4 0'	
6.0	S-3	BKG	Gr c-f S a Cy$, s(+) c-f G, occ lens Br f S +/- 4 5	Tight Till
7.0	S-4	BKG		Strong Petroleum odor. WET
8.0				
9.0			End of Test Pit @ 8.0 feet - Hard Till	
10.0				
11.0				
12.0				
13.0				
14.0				
15.0				
16.0				
17.0				
18.0				
19.0				
20.0				

Test Pit Completed @ 8 0 Feet

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Mailing Address P O Box 2167 Ballston Spa. NY 1 (518) 884-9710 - Fax

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST PIT LOG

Test Pit No. TP-3

PROJECT:	Big N - Plaza Maxon Rd. Schenectady	PROJECT #	04.12144
CLIENT:	Young. Sommer LLC	M.P. ELEV.	-----
PURPOSE:	Phase 2 Site Assessment Services	GR. ELEV.	-----
CONTRACTOR	NETC	DATUM	-----
EQUIPMENT:	Kobelco PC 160	DATE START	02/23/2005
GROUND WATER LEVEL:	Dry	DATE FINISH	02/23/2005
MEASURING PT.:	Ground	OPERATOR	Rick Earl
DATE:	02/23/05	INSPECTOR	Joe Naselli

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	GEOLOGIC DESCRIPTION	REMARKS
1.0	S-1	BKG	Br c-f S a c-f G, s(+) $	Moist, no odor
2.0			Brown Coarse to fine SAND and coarse to fine GRAVEL some(+) Silt	
3.0	S-2	50	Gr m-f S, a Cy$, l mfG, occ lens Gr f S +/- 2 0'	Tight Till
4.0			Grav medium to fine SAND, and Clavev Silt. little medium to fine Gravel, occasional lens Grav fine Sand	Strong Petroleum odor
5.0				Concrete Footings / Brick
6.0			End of Test Pit @ 5 0 feet. concrete	
7.0				
8.0				
9.0				
10.0				
11.0				
12.0				
13.0				
14.0				
15.0				
16.0				
17.0				
18.0				
19.0				
20.0				

Test Pit Completed @ 5 0 Feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST PIT LOG

Test Pit No. TP-4

PROJECT:	Big N - Plaza Maxon Rd. Schenectady	PROJECT #	04.12144
CLIENT:	Young, Sommer LLC	M.P. ELEV.	-----
PURPOSE:	Phase 2 Site Assessment Services	GR. ELEV.	-----
CONTRACTOR	NETC	DATUM	-----
EQUIPMENT:	Kobelco PC 160	DATE START	02/23/2005
GROUND WATER LEVEL:	NM	DATE FINISH	02/23/2005
MEASURING PT.:	Ground	OPERATOR	Rick Earl
DATE: 02/23/05		INSPECTOR	Joe Naselli

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	GEOLOGIC DESCRIPTION	REMARKS
1.0	S-1	BKG	Br c-f S a c-f G, s(+) $	Moist, no odor
2.0			Brown Coarse to fine SAND and coarse to fine GRAVEL, some(+) Silt	
3.0			Gr m-f S, a Cy$, l mfG +/- 1 5'	Tight Till
4.0			Gray medium to fine SAND, and Clayey Silt, little medium to fine Gravel	Strong Petroleum odor, Moist
5.0	S-2	BKG		concrete footings
6.0				
7.0				
8.0				
9.0	S-3	BKG		
10.0			End of Test Pit @ 9.0 feet - Hard Till	
11.0				
12.0				
13.0				
14.0				
15.0				
16.0				
17.0				
18.0				
19.0				
20.0				

Test Pit Completed @ 9 0 Feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST PIT LOG

Test Pit No. TP-5

PROJECT: Big N - Plaza Maxon Rd. Schenectady	**PROJECT #** 04.12144
CLIENT: Young, Sommer LLC	**M.P. ELEV.** -----
PURPOSE: Phase 2 Site Assessment Services	**GR. ELEV.** -----
CONTRACTOR NETC	**DATUM** -----
EQUIPMENT: Kobelco PC 160	**DATE START** 02/23/2005
GROUND WATER LEVEL: Dry	**DATE FINISH** 02/23/2005
MEASURING PT.: Ground	**OPERATOR** Rick Earl
DATE: 02/23/05	**INSPECTOR** Joe Naselli

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	GEOLOGIC DESCRIPTION	REMARKS
1.0	N/A	N/A	Asphalt - Br c-fS, a c-fG, s $	No odor, Dry
2.0			concrete	
3.0			End of Test Pit @ 1 5 feet. concrete	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				
12.0				
13.0				
14.0				
15.0				
16.0				
17.0				
18.0				
19.0				
20.0				

Test Pit Completed @ 1 5 Feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST PIT LOG

'Test Pit No TP6

PROJECT:	Big N - Plaza Maxon Rd. Schenectady	**PROJECT #**	04.12144
CLIENT:	Young, Sommer LLC	**M.P. ELEV.**	.----
PURPOSE:	Phase 2 Site Assessment Services	**OR. ELEV.**	-----
CONTRACTOR	NETC	**DATUM**	.----
EQUIPMENT:	Kobelco PC 160	**DATE START**	02/24/2005
GROUND WATER LEVEL:	Dry	**DATE FINISH**	02/24/2005
MEASURING PT.:	Ground	**OPERATOR**	Rick Earl
DATE:	02/23/05	**INSPECTOR**	Joe Naselli

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	GEOLOGIC DESCRIPTION	REMARKS
1.0			Asphalt - Br c-fS, a c-fG, s $	Moist, no odor
2.0			concrete +/- 0 5'	Fill - slag & brick
3.0	S-1	BKG	Bk c-f S a m-f G, t $ +/- 1 5'	Dry
4.0	S-2	BKG	*Br mtld Gr m-f S a Cy$, s m-f G* +/- 2 5'	
5.0	S-3	BKG	Gr Gn c-f S a $yC, s I m-f G +/-4 0'	STG Petroleum odor
6.0	S-4	BKG	Gr m-f S, a Cy$, I mfG	Tight Till, no odor
7.0			Grav medium to fine SAND. and Clayey Silt little medium to fine Gravel	Dry
8.0				
9.0				
10.0				
11.0				
12.0			End of Test Pit @ 11 0 feet - Hard Till	
13.0				
14.0				
15.0				
16.0				
17.0				
18.0				
19.0				
20.0				

Test Pit Completed @11 0 Feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST PIT LOG

Test Pit No TP-7

PROJECT: Big N - Plaza Maxon Rd. Schenectady	**PROJECT #** 04.12144
CLIENT: Young, Sommer **LLC**	**M.P. ELEV.** .....
PURPOSE: Phase 2 Site Assessment Services	**GR. ELEV.** .....
CONTRACTOR NETC	**DATUM** .....
EQUIPMENT: Kobelco PC 160	**DATE START** 02/24/2005
GROUND WATER LEVEL: Dry	**DATE FINISH** 0212412005
MEASURING PT.: Ground	**OPERATOR** Rick Earl
DATE: 02/23/05	**INSPECTOR** Joe Naselli

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	GEOLOGIC DESCRIPTION	REMARKS
1.0			Asphalt - Br c-fS, a c-fG, s $	Dry, no odor
2.0			+/- 0 5' concrete	Fill -slag & brick
3.0	S-1	BKG	+/- 1 5' Br c-f S a m-f G, t $	
4.0			Brown coarse to fine SAND and medium to fine Gravel. trace Silt	
5.0	S-2	100	+/-3 5' Gr Gn c-f S a $yC, l m-f G	STG Petroleum odor
6.0			Gray Green coarse to fine SAND and SILTY CLAY, little medium to fine Gravel	Moist
7.0	S-3	BKG	+/-6 0' Br c-f S a m-f G, t $, s cbl a bldr	
8.0				
9.0	S-4	BKG	+/-7 5' Gr m-f S, a Cy$, l mfG	Tight Till, no odor
10.0			Gray medium to fine SAND, and Clayey Silt, little medium to fine Gravel	Dry
11.0			End of Test Pit @ 10 5 feet - Hard Till	
12.0				
13.0				
14.0				
15.0				
16.0				
17.0				
18.0				
19.0				
20.0				

Test Pit Completed @10 5 Feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

BEST PIT LOG

Test Pit No. TP-8

PROJECT:	Big N - Plaza Maxon Rd. Schenectady	**PROJECT #**	04.12144
CLIENT:	Young, Sommer LLC	**M.P. ELEV.**	-----
PURPOSE:	Phase 2 Site Assessment Services	**GR. ELEV.**	-----
CONTRACTOR	NETC	**DATUM**	-----
EQUIPMENT:	Kobelco PC 160	**DATE START**	02/24/2005
GROUND WATER LEVEL:	Dry	**DATE FINISH**	02/24/2005
MEASURING PT.:	Ground	**OPERATOR**	Rick Earl
DATE:	02/23/05	**INSPECTOR**	Joe Naselli

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	GEOLOGIC DESCRIPTION	REMARKS
1.0	S-1	BKG	Asphalt - Br c-fS, a c-fG, s $	Dry, no odor
2.0				Fill - slag & brick
3.0	S-2	BKG	+/- 2 0' Br c-f S a m-f G, t $	
4.0			Brown coarse to fine SAND and medium to fine Gravel, trace Silt	
5.0	S-3	BKG	+/-4 0' Gr Gn c-f S a $yC, l m-f G	Septic odor
6.0			Gray Green coarse to fine SAND and SILTY CLAY, little medium to fine Gravel	Moist
7.0	S-4	BKG	+/-6 0 Gr m-f S, a Cy$, l mfG	Tight Till, no odor
8.0			Gray medium to fine SAND, and Clayey Silt, little medium to fine Gravel	Dry
9.0				
10.0				
11.0			End of **Test** Pit @ **10 0** feet - Hard Till	
12.0				
13.0				
14.0				
15.0				
16.0				
17.0				
18.0				
19.0				
20.0				

Test Pit Completed @10 0 Feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST PIT LOG

Test Pit No TP-9

PROJECT: Big N - Plaza Maxon Rd. Schenectady	PROJECT # 04.12144
CLIENT: Young, Sommer LLC	M.P. ELEV. -----
PURPOSE: Phase 2 Site Assessment Services	GR. ELEV. -----
CONTRACTOR NETC	DATUM -----
EQUIPMENT: Kobelco PC 160	DATE START 02/24/2005
GROUND WATER LEVEL: Dry	DATE FINISH 02/24/2005
MEASURING PT.: Ground	OPERATOR Rick Earl
DATE: 02/23/05	INSPECTOR Joe Naselli

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	GEOLOGIC DESCRIPTION	REMARKS
1.0	S-1	BKG	Asphalt - Br c-f S a c-f G, l $	Dry, no odor
			Brown Coarse to fine SAND and coarse to fine GRAVEL, little	
2.0				
	S-2	BKG		
3.0				
4.0				
	S-3	BKG	Gr m-f S, a Cy$, l mfG +/- 4.0'	Tight Till
5.0				
			Gray medium to tine SAND, and Clayey Silt, little medium to	Dry, no odor
6.0			fine Gravel	
7.0				
8.0				
9.0			End of Test Pit @ 9.0 feet - Hard Till	
10.0				
11.0				
12.0				
13.0				
14.0				
15.0				
16.0				
17.0				
18.0				
19.0				
20.0				

Test Pit Completed @ 9.0 Feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST PIT LOG

Test Pit No TP-10

[PROJECT: Big N - Plaza Maxon Rd. Schenectady	/PROJECT# 04.12144
CLIENT: Young, Somrner LLC	M.P. ELEV. -----
PURPOSE: Phase 2 Site Assessment Services	GR. ELEV. -----
CONTRACTOR NETC	DATUM -----
EQUIPMENT: Kobelco PC 160	DATE START 02/24/2005
GROUND WATER LEVEL: Dry	DATE FINISH 02/24/2005
MEASURING PT.: Ground	OPERATOR Rick Earl
DATE: 02/23/05	INSPECTOR Joe Naselli

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0 0	GEOLOGIC DESCRIPTION	REMARKS
1.0	S-I	BKG	Br c-f S a c-f G, l $	Dry, no odor
2 0			Brown Coarse to fine SAND and coarse to fine GRAVEl little Silt	3 0 inch steel pipe
3.0				
4.0				
5.0			End of Test Pit @ 3 5 feet	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				
12.0				
13.0				
14.0				
15.0				
16.0				
17.0				
18.0				
19.0				
20.0				

Test Pit Completed @ 3 5 Feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST PIT LOG

~~PROJECT: Big N - Plaza Maxon Rd. Schenectady	Test Pit No TP-11
CLIENT: Young, Sommer LLC	PROJECT # 04.12144
PURPOSE: Phase 2 Site Assessment Services	M.P. ELEV. -----
CONTRACTOR NETC	GR. ELEV. -----
EQUIPMENT: Kobelco PC 160	DATUM -----
GROUND WATER LEVEL: Dry	DATE START 02/24/2005
MEASURING PT.: Ground	DATE FINISH 02/24/2005
DATE: 02/23/05	OPERATOR Rick Earl
	INSPECTOR Joe Naselli

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	GEOLOGIC DESCRIPTION	REMARKS
1.0	S-1	BKG	Br c-f S a c-f G, l $	Dry, no odor
2.0			Brown Coarse to fine SAND and coarse to fine GRAVEL, little Silt	3.0 inch steel pipe
3.0				
4.0				
5.0			End of Test Pit @ 3 5 feet	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				
12.0				
13.0				
14.0				
15.0				
16.0				
17.0				
18.0				
19.0				
20.0				

Test Pit Completed @ 3 5 Feet

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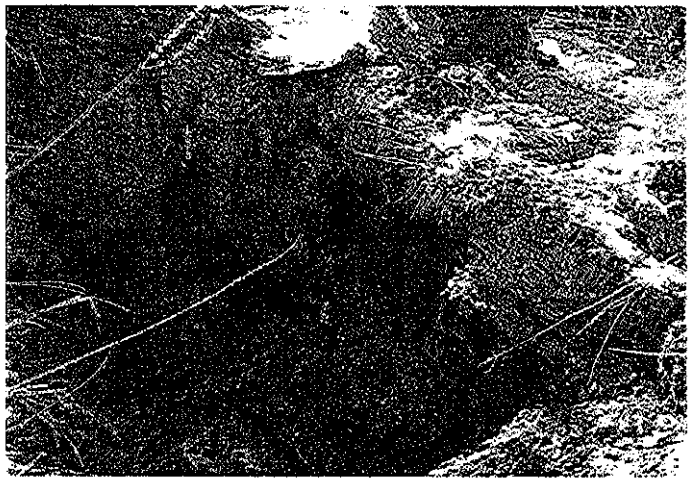
APPENDIX F

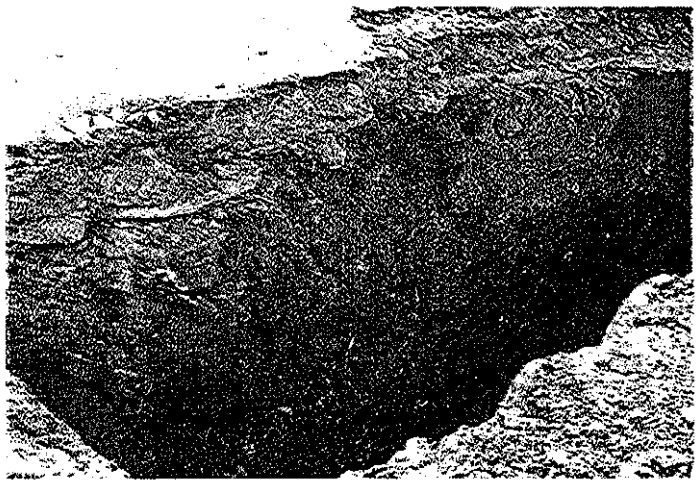
TEST PIT PHOTOGRAPHIC LOG

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORPORTATION

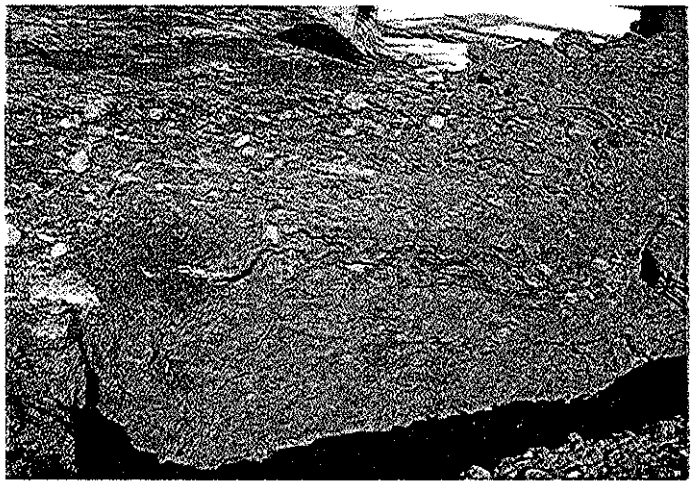
Test Pit 2 east of the Big N Plaza



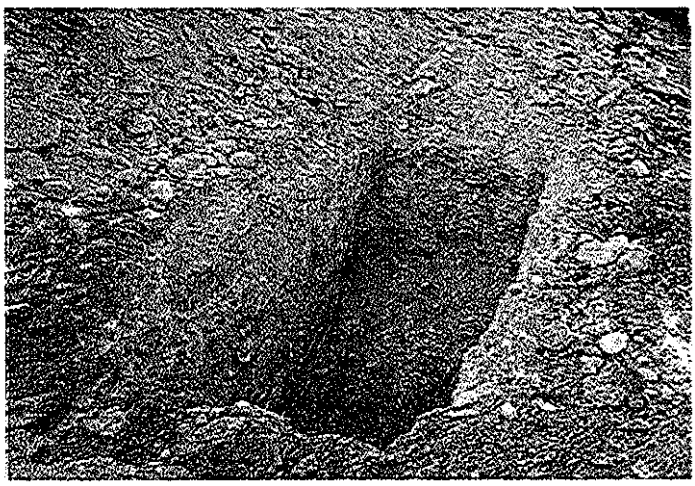
Bottom of Test Pit 4



Test Pit 6 west of the Big N Plaza



Test Pit 7 southwest of the Big N Plaza and east of the Hess Gas Station



Test Pit 8 west of the Big N Plaza

Backfilling of Test Pit 9 Big N Plaza parking lot facing south

Big N Plaza

1520 Maxon Road Schenectady, New York

APPENDIX G

SOIL BORING LOGS

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG

Boring No. GP-1

PROJECT:	Big N Plaza - Maxon Road Schenectady, New York					SHEET NO.	1 of 1
CLIENT:	Young. Sommer					JOB NO.	04.12144
DRILLING CONTRACTOR:	Northeastern Environmental Technologies Corporation					M.P. ELEV.	-----
PURPOSE:	Subsurface Investigation					GR. ELEV.	-----
DRILLING METHOD:	Direct Push		Soil **Sample**	**GW Sample**	GW Sample Method	DATUM	-----
DRILL RIG:	Geoprobe 540U	**TYPE**	Macro	-----	-----	DATE START	02/28/2005
GROUND WATER LEVEL:	NM	DIAM.	2.0"	-----	-----	DATE **FINISH**	02/28/2005
MEASURING PT.:	Ground	**Sample**	Yes	No	No	DRILLER	R. Earl
DATE:	02/28/05	**Screen**	-----	-----	-----	INSPECTOR	T. Scott

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	Unified Soil Class System	GEOLOGIC DESCRIPTION	REMARKS
1.0				Bk c-fS, a mfG, t $ (FILL)	R=4.0'
2.0	S-1	Bkg	SM	Black coarse to fine SAND, and medium to fine Gravel, trace Silt (FILL)	No Odor
3.0				Br mtld Gr c-fS a Cy$, s mfG (+/- 1.5 ft.)	Dry
4.0	S-2	Bkg	SC	Brown mottled Gray coarse to fine SAND, and Clayey Silt, some medium to fine Gavel	
5.0				Same as above	R=4.0'
6.0				Gr c-fS, a Cy$, s c-fG (TILL) (+/- 5.0 ft.)	No Odor
7.0	S-3	Bkg	SC	Gray coarse to fine SAND, and Clayey Silt, some coarse to fine Gravel (TILL)	Dry
8.0					
9.0				Same as above	R=4.0'
10.0					No Odor
11.0	S-4	Bkg	SC		Damp
12.0					
13.0				Same as above; lyr Gr c-fS, a fG, s $	R=3.8'
14.0	S-5/S-6	Bkg	SC		No Odor WET Layers
15.0				End of Boring @ 14.5 feet - Refusal	
16.0					
17.0					
18.0					
19.0					
20.0					

Groundwater sample not collected

Soil Boring Completed @ 14.5 feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG

Boring No. GP-2

PROJECT:	Big N Plaza - Maxon Road Schenectady, New York					SHEET NO.	1 of 1
CLIENT:	Young, Sommer					**JOB** NO.	04.12144
DRILLING CONTRACTOR:	Northeastern Environmental Technologies Corporation					M.P. ELEV.	-----
PURPOSE:	Subsurface Investigation					**GR. ELEV.**	-----
DRILLING METHOD:	Direct Push		**Soil Sample**	**GW Sample**	**GW Sample Method**	**DATUM**	-----
DRILL RIG:	Geoprobe **540U**	TYPE	Macro	-----	-----	DATE START	**02/28/2005**
GROUND WATER LEVEL:	NM	DIAM.	2 0	-----	-----	DATE FINISH	**02/28/2005**
MEASURING PT.:	Ground	**Sample**	Yes	No	No	DRILLER	**R** Earl
DATE:	**02/28/05**	**Screen**	-----	-----	-----	/INSPECTOR	T. Scott

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	Unified Class System	GEOLOGIC DESCRIPTION	REMARKS
1.0				Auger to +/- 2 5 feet - Bk c-fS, a G; occ slag frgmts (FILL)	R=1 5'
2.0			SM	Black coarse to fine SAND. and Gravel: occasional slag fraaments (FILL)	No Odor
3.0	S-1	Bkg	SC	Br c-fS, a Cy$, s mfG (+/- 2.5 ft.)	Dry
4.0				Brown coarse to fine SAND, and Clayey Silt. some medium to fine Gravel	
5.0				Same as above color change to Green Brown; occ Lyr Gn Br c-fS, t $ (+/- 4 0 ft.)	R=4 0'
6.0	S-3	Bkg	SC		No Odor
7.0					Dry / WET Lyrs
8.0					
9.0				End of Boring @ 8 0 feet - Refusal	
10.0					
11.0					
12.0					
13.0					
14.0					
15.0					
16.0					
17.0					
18.0					
19.0					
20 0					

Groundwater sample not collected

Soil Boring Completed @ 8 0 feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG

Boring No. GP-3

PROJECT:	Big N Plaza - Maxon Road Schenectady, New York				**SHEET NO.**	1 of 1
CLIENT:	Young, Sommer				**JOB NO.**	04.12144
DRILLING CONTRACTOR:	Northeastern Environmental Technologies Corporation				**M.P. ELEV.**	96.41 ft.
PURPOSE:	Subsurface Investigation				**GR. ELEV.**	96.60 ft.
DRILLING METHOD:	Direct Push		**Soil Sample**	**GW Sample**	**Sample Method**	**DATUM**	100.0 ft.
DRILL RIG:	Geoprobe 540U	**TYPE**	Macro	-----	Sch40PVC	**DATE START**	02/28/2005
GROUND WATER LEVEL:	3.99 ft.	**DIAM.**	2.0"	-----	1.0"	**DATE FINISH**	02/28/2005
MEASURING PT.:	Ground	**Sample**	Yes	No	No	**DRILLER**	R. Earl
DATE:	03/03/05	**Screen**	-----	-----	13.0'	**INSPECTOR**	T. Scott

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	Unified Soil Class System	GEOLOGIC DESCRIPTION	REMARKS
1.0				Auger to +I- 2 5 feet	R=1.9'
2.0				Br mfS, a $	No Odor
3.0	S-1	Bkg	SM	Brown medium to fine SAND, and Silt	Dry
4.0					
5.0				Br Gn c-fS, a Cy$, I mfG (+/- 4 0 ft)	R=3 2'
6.0	S-2	Bkg	SC	Brown green coarse to fine SAND. and Clavev Silt little medium to fine Gravel	No Odor
7.0					Dry
8.0					
9.0				Same as above - WET	R=3 8'
10.0				Gr mfS, a Cy$, I mfG (TILL) - Damp (+/- 9.0 ft.)	No Odor
11.0	S-3	Bkg	SC	Gray medium to fine SAND. and Clavev Silt. little medium to fine Gravel (TILL)	WET to Damp
12.0					
13.0				Same as above	R=3.9'
14.0	S-4	Bkg	SC		No Odor
15.0					Damp
16.0					
17.0				End of Boring @ 16 0 feet - Refusal	
18.0					
19.0					
20.0					

Groundwater sample not collected

Soil Boring Completed @ 16 0 feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BOWING LOG

Boring No. GP-4

PROJECT: Big N Plaza - Maxon Road Schenectady, New York					SHEET NO.	1 of 1
CLIENT: Young, Sommer					JOB NO.	04.12144
DRILLING CONTRACTOR: Northeastern Environmental Technologies Corporation					M.P. ELEV.	-----
PURPOSE: Subsurface Investigation					GR. ELEV	
DRILLING METHOD: Direct Push		Soil Sample	GW Sample	GW Sample Method	DATUM	-----
DRILL RIG: Geoprobe 540U	TYPE	Macro	-----	-----	DATE START	02/28/2005
GROUND WATER LEVEL: NM	DIAM.	2.0	-----	-----	DATE FINISH	02/28/2005
MEASURING PT.: Ground	Sample	Yes	No	No	DRILLER	R. Earl
DATE: 02/28/05	Screen		-----	-----	INSPECTOR	T. Scott

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	Unified Soil Class. System	GEOLOGIC DESCRIPTION	REMARK:
1.0				Augered to +/- 1 5 ft - Bk c-fS, s $ & C, t fG; occ wd fgmts (FILL	R=3 0'
2.0	S-IA	Bkg	SM	Black coarse to fine SAND, some Silt 8 Clay trace fine gl; occasional wood fragments (FILL)	No Odor
3.0	S-1B	Bkg	SC	(Gnm-fS, a Cy$, I mfG (+/- 2.0 ft.)	Damp to Dry
4.0				Green medium to fine SAND, and Clayey Silt, little medium to fine Gravel	
5.0				Same as above color change to Brown	R=3 8'
6.0	S-2A	Bkg	SC		No Odor
7.0	S-2B	Bkg	SC	Same as above color change to Gray; Tight TILL (+/- 6 0 ft)	Damp to Dry
8.0					
9.0				Same as above	R=3 9'
10.0					No Odor
11.0	S-3	Bkg	SC		Dry
12.0					
13.0				End of Boring @ 12 0 feet - Refusal	
14.0					
15.0					
16.0					
17.0					
18.0					
19.0					
20.0					

Groundwater sample not collected

Soil Boring Completed @ 12 0 feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG

Boring No. GP-5

PROJECT: Big N Plaza - Maxon Road Schenectady, New York					**SHEET** NO.	1 of 1
CLIENT: Young, Sommer					JOB NO.	04.12144
DRILLING CONTRACTOR: Northeastern Environmental Technologies Corporation					M.P. ELEV.	—
PURPOSE: Subsurface Investigation					GR. ELEV.	-----
DRILLING METHOD: Direct Push		Soil Sample	GW Sampl	Sample Method	DATUM	-----
DRILL RIG: Geoprobe 540U	TYPE	Macro	-----	-----	DATE START	02/28/2005
GROUND WATER LEVEL: NM	DIAM.	2 0"	-----	-----	DATE FINISH	02/28/2005
MEASURING PT.: Ground	Sample	Yes	No	No	DRILLER	R. Earl
DATE: 02/28/05	Screen		-----	-----	INSPECTOR	T. Scott

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	Unified Soil Class System	GEOLOGIC DESCRIPTION	REMARKS
1.0				Br c-fS, a Cy$, l mfG; occ brk, conc, slag, wd, fgmts (FILL)	R:
2.0	S-1A	Bkg	SC	Brown coarse to fine SAND, and Clayey Silt, little medium to fine Gravel; occasional brick, concrete, slag, wood fragments (FILL)	No to Strg. Odor
3.0	S-1B	246	SC	Gn c-fS, a Cy$, l mfG (+/- 2 5 ft)	Dry
4.0				Green coarse to fine SAND, and Clayey Silt, little medium to fine Gravel	
5.0				Same as above	R=4 0'
6 0	S-2A	130.0			Strong Odor
7.0	S-2B	204.0	SM	Gn c-fS, t $ (-16'-)	Dry to Damp
8.0				Green coarse to fine SAND, trace Silt	
9.0				End of Boring @ 7 5 feet - Refusal	
10.0					
11.0					
12 0					
13.0					
14.0					
15.0					
16.0					
17.0					
18 0					
19.0					
20.0					

Groundwater sample not collected

Soil Boring Completed @ 7 5 feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG

Boring No. GP-6

PROJECT:	Big N Plaza - Maxon Road Schenectady, New York				**SHEET NO.**	1 of 1
CLIENT:	Young, Sommer				**JOB NO.**	04.12144
DRILLING CONTRACTOR:	Northeastern Environmental Technologies Corporation				**M.P. ELEV.**	-----
PURPOSE:	Subsurface Investigation				**GR. ELEV.**	-----
DRILLING METHOD:	Direct Push		**Soil Sample**	**GW Sample**	**Sample Method**	**DATUM** -----
DRILL RIG:	Geoprobe 540U	**TYPE**	Macro	-----	-----	**DATE START** 03/01/2005
GROUND WATER LEVEL:	NM	**DIAM.**	2.0"	-----	-----	**DATE FINISH** 03/01/2005
MEASURING PT.:	Ground	**Sample**	Yes	No	No	**DRILLER** R. Earl
DATE:	03/01/2005	**Screen**	-----	-----	-----	**INSPECTOR** T. Scott

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	Unified Soil Class System	GEOLOGIC DESCRIPTION	REMARKS
1.0				Augered to +/- 1 5' - Br mfS, a Cy$, I mfG (TILL)	R=3.5'
2.0	S-1A	Bkg	SC	Brown medium to fine SAND, and Clayey Silt, little medium to fine Gravel (Till)	No Odor
3 0	S-1B	Bkg	SC	iame as above color change to Gray (TILL) (+/- 2 0 fl)	Dry
4.0					
5.0				iame as above	R=4 0'
6.0					No Odor
7.0	S-2	Bkg	SC		Dry
8.0					
9.0				End of Boring @ 7 5 feet - Refusal	
10.0					
11.0					
12.0					
13.0					
14.0					
15.0					
16.0					
17.0					
18.0					
19.0					
20 0					

Groundwater sample not collected

Soil Boring Completed @ 7 5 feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG

Boring No. GP-7

PROJECT: Big N Plaza - Maxon Road Schenectady, New York	**SHEET NO.** 1 of 1
CLIENT: Young, Sommer	**JOB NO.** 04.12144
DRILLING CONTRACTOR: Northeastern Environmental Technologies Corporation	**M.P. ELEV.** -----
PURPOSE: Subsurface Investigation	**GR. ELEV.** -----
DRILLING METHOD: Direct Push	**DATUM** -----
DRILL RIG: Geoprobe 540U	**DATE START** 03/01/2005
GROUND WATER LEVEL: NM	**DATE FINISH** 03/01/2005
MEASURING PT.: Ground	**DRILLER** R. Earl
DATE: 03/01/2005	**INSPECTOR** T. Scott

	Soil Sample	GW Sample	Sample Method
TYPE	Macro	-----	-----
DIAM.	2.0"	-----	-----
Sample	Yes	No	No
Screen	-----	-----	-

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	Unified Soil Class System	GEOLOGIC DESCRIPTION	REMARKS
1.0				Augered to +/- 1 5'	R=1.5'
2.0				Br c-fS, a Cy$, I mfG; occ brk, conc, slag, wd, fgmts (FILL)	No Odor
3.0	S-1	Bkg	SC	Brown coarse to fine SAND, and Clayey Silt. little medium to fine Gravel: occasional brick. concrete. slag. wood fraaments (FILL)	Dry
4.0					
5.0				End of Boring @ 3 5 feet - Refusal	
6.0					
7.0					
8.0					
9.0					
10.0					
11.0					
12.0					
13.0					
14.0					
15.0					
16.0					
17.0					
18 0					
19 0					
20.0					

Groundwater sample not collected

Soil Boring Completed @ 3 5 feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG

Boring No. GP-8

PROJECT: Big N Plaza - Maxon Road Schenectady, New York					SHEET NO.	1 of 1
CLIENT: Young, Sommer					JOB NO.	04.12144
DRILLING CONTRACTOR: Northeastern Environmental Technologies Corporation					M.P. ELEV.	---
PURPOSE: Subsurface Investigation					GR. ELEV.	---
DRILLING METHOD: Direct Push		**Soil Sample**	GW **Sample**	Sample Method	DATUM	---
DRILL RIG: Geoprobe 540U	TYPE	Macro		---	DATE START	03/01/2005
GROUND WATER LEVEL: NM	DIAM.	2.0"		---	DATE **FINISH**	03/01/2005
MEASURING PT.: Ground	**Sample**	Yes	No	No	DRILLER	R. Earl
DATE: 03/01/2005	**Screen**		---	---	INSPECTOR	T Scott

Depth (	Sample	Peak PID (ppm) bkg=0.0	Unified Soil Class System	GEOLOGIC DESCRIPTION	REMARKS
				Augered to +/- 3.0'	R=0.5' No Odor
4.0		Bkg	SC	Gr mfS, a Cy$, I mfG (TILL) (+/- 2.0 ft.) Gray medium to fine SAND, and Clayey Silt, little medium to fine Gravel (TILL)	Dry
5.0	S-2	Bkg	SC	Same as above	R=3.8' Slt. Petro. Odor
7.0				End of Boring @ 6.0 feet - Refusal	Dry
8.0					
9.0					
10.0					
11.0					
12.0					
13.0					
14.0					
15.0					
16.0					
17.0					
18.0					
19.0					
20.0					

Groundwater sample not collected

Soil Boring Completed @ 7.5 feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG

Boring No. GP-9

PROJECT: Big N Plaza - Maxon Road Schenectady, New York					SHEET NO. 1 of 1
CLIEMT: Young, Sommer					JOB NO. 04.12144
DRILLING CONTRACTOR: Northeastern Environmental Technologies Corporation					M.P. ELEV. —
PURPOSE: Subsurface Investigation					GR. ELEV. -----
DRILLING METHOD: Direct Push		Soil Sample	GW Sample	Sample Method	DATUM -----
DRILL RIG: Geoprobe 540U	TYPE	Macro	-----	-----	DATE START 03/01/2005
GROUND WATER LEVEL: NM	DIAM.	2.0"	-----	-----	DATE **FINISH** 03/01/2005
MEASURING PT.: Ground	Sample	Yes	No	No	DRILLER R Earl
DATE: 03/01/2005	Screen	-----	-----	-----	INSPECTOR T. Scott

Depth (feet)	Sample ID	Peak PID (pprn) bkg=0.0	Unified Soil Class, S stem	GEOLOGIC DESCRIPTION	REMARKS
1.0				Augered to +/- 1.5'	R=3.0'
2.0					No Odor
3.0	S-1	Bkg	SC	Gr mfS, a Cy$, I mfG (Tight TILL) (+/- 1.5 ft.)	Dry
4.0				gray medium to fine SAND, and Clayey Silt, little medium to fine Gravel (Tight TILL)	
5.0				Same as above	R=4.0'
6.0	S-2	Bkg	SC		(No Odor
7.0					Dry
8.0					
9.0				Same as above	R=4.0'
10.0	S-3	Bkg	SC		Dry
11.0					Damp seams
12.0				End of Boring @ 11.0 feet - Refusal	
13.0					
14.0					
15.0					
16.0					
17.0					
18.0					
19.0					
20.0					

Groundwater sample not collected

Soil Boring Completed @ 11.0 feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG

Boring No. GP-10

PROJECT: Big N Plaza - Maxon Road Schenectady, New York					SHEET NO.	I o f I
CLIENT: Young, Sommer					JOB NO.	04 12144
DRILLING CONTRACTOR: Northeastern Environmental Technologies Corporation					M.P. ELEV.	-----
PURPOSE: Subsurface Investigation					GR. ELEV.	-----
DRILLING METHOD: Direct Push		Soil Sample	GW **Sampl**	Sample Method	DATUM	-----
DRILL RIG: Geoprobe 540U	N P E	Macro	-----	-----	DATE START	03/01/2005
GROUND WATER LEVEL: NM	**DIAM.**	2.0"	-----	-----	DATE **FINISH**	03/01/2005
MEASURING PT.: Ground	**Sampl**	Yes	No	No	DRILLER	R. Earl
DATE: 03/01/2005	**Screen**		-----	-----	INSPECTOR	T. Scott

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	Unified Soil Class System	GEOLOGIC DESCRIPTION	REMARKS
1.0				Gr Gn Br c-fS, a Cy$, I mfG; occ brk, conc, slag, wd, coal fgmts (FILL)	R=1.5'
2.0	S-1	Bkg	SC	Gray Green Brown coarse to fine SAND, and Clayey Silt, little medium to fine Gravel; occasional brick. concrete, slag, wood fragments (FILL)	Slt Odor / Dam
3.0				End of Boring @ 2 0 feet - Refusal	
4.0					
5.0					
6.0					
7.0					
8.0					
9.0					
10.0					
11.0					
12.0					
13 0					
14.0					
15.0					
16.0					
17.0					
18.0					
19.0					
20.0					

Groundwater sample not collected

Soil Boring Completed @ 2.0 feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG

Boring No. GP-11

PROJECT:	Big N Plaza - Maxon Road Schenectady, New York				**SHEET NO.**	1 of 1
CLIENT:	Young, Sommer				**JOB NO.**	04.12144
DRILLING CONTRACTOR:	Northeastern Environmental Technologies Corporation				**M.P. ELEV.**	-----
PURPOSE:	Subsurface Investigation				**GR. ELEV.**	-----
DRILLING METHOD:	Direct Push		**Soil Sample**	**GW Sample**	**Sample Method**	**DATUM** -----
DRILL RIG:	Geoprobe 540U	**TYPE**	Macro	-----	-----	**DATE START** 03/01/2005
GROUND WATER LEVEL:	NM	**DIAM.**	2.0"	-----	-----	**DATE FINISH** 03/01/2005
MEASURING PT.:	Ground	**Sample**	Yes	No	No	**DRILLER** R. Earl
DATE:	03/01/2005	**Screen**	-----	-----	-----	**INSPECTOR** T. Scott

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	Unified Soil Class System	GEOLOGIC DESCRIPTION	REMARKS
1.0				Gr Gn Br c-fS, a Cy$, I mfG; occ brk, conc, slag, wd, coal fgmts (FILL)	R=2 0'
2.0	S-1	Bkg	SC	Gray Green Brown coarse to fine SAND, and Clayey Silt, little medium to fine Gravel, occasional brick, concrete, slag, wood fragments (FILL)	Slt Odor / Damp
3.0				End of Boring @ 2 0 feet - Refusal	
4.0					
5.0					
6 0					
7.0					
8.0					
9 0					
10.0					
11.0					
12.0					
13.0					
14.0					
15.0					
16.0					
17.0					
18.0					
19.0					
20.0					

Groundwater sample not collected

Soil Boring Completed @ 2 0 feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG

Boring No. GP-12

PROJECT: Big N Plaza - Maxon Road Schenectady, New York					**SHEET** NO.	1 of 1
CLIENT: Young, Sommer					**JOB** NO.	04.12144
DRILLING CONTRACTOR: Northeastern Environmental Technologies Corporation					M.P. ELEV.	100.57 ft
PURPOSE: Subsurface Investigation					GR. ELEV.	98.15 ft.
DRILLING METHOD: Direct Push		Soil Sample	GW Sample	Sample Method	DATUM	100.0 ft.
DRILL RIG: Geoprobe 540U	TYPE	Macro	-----	Sch40PVC	DATE START	03/01/2005
GROUND WATER LEVEL: 9.54 ft.	**DIAM.**	2.0"		1.0"	DATE FINISH	03/01/2005
MEASURING PT.: Ground	**Sample**	Yes	No	No	DRILLER	R. Earl
DATE: 03/03/2005	**Screen**	-----	-----	7.0'	**INSPECTOR**	T. Scott

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	Unified Soil Class System	GEOLOGIC DESCRIPTION	REMARKS
1.0				Augered to +/- 1.0'	R=4.0'
2.0				Br Gn c-fS, a Cy$, l mfG; occ slag brk fgrnts (FILL)	No Odor
3.0	S-1	Bkg	SM	Brown Green coarse to fine SAND, and Clayey Silt, little medium to fine Gravel; occasional slag, brick fraaments (FILL)	Dry
4.0					
5.0				Br Gn mfS, a Cy$, l mfG (TILL) (+/- 4.0 ft.)	R=4.0'
6.0	S-2	Bkg	SC	Gray medium to fine SAND, and Clayey Silt, little medium to fine Gravel (Till)	No Odor
7.0					Dry
8.0	S-3	Bkg	SC	Same as above color change to Gray; seams Gr c-fS, a Cy$, t fG - Damp (+/- 7.0 ft.)	
9.0					R=4.0'
10.0	S-4	Bkg	SC		No Odor
11.0					Dry to Damp seams
12.0				End of Boring @ 11.0 feet - Refusal	
13.0					
14.0					
15.0					
16.0					
17.0					
18.0					
19.0					
20.0					

Groundwater sample not collected

Soil Boring Completed @ 11.0 feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG

Boring No. GP-13

PROJECT:	Big N Plaza - Maxon Road Schenectady, New York			**SHEET NO.**	1 of 1
CLIENT:	Young, Sommer			**JOB NO.**	04.12144
DRILLING CONTRACTOR:	Northeastern Environmental Technologies Corporation			**M.P. ELEV.**	101.64 ft.
PURPOSE:	Subsurface Investigation			**GR. ELEV.**	101.88 ft.
DRILLING METHOD:	Direct Push	**Soil Sample**	**GW Sample**	**Sample Method**	**DATUM** 100.0 ft.
DRILL RIG:	Geoprobe 540U	**TYPE** Macro	-----	Sch40PVC	**DATE START** 03/02/2005
GROUND WATER LEVEL:	6.36 ft.	**DIAM.** 2.0"	-----	1.0"	**DATE FINISH** 03/02/2005
MEASURING PT.:	Ground	**Sample** Yes	No	No	**DRILLER** R. Earl
DATE:	03/03/2005	**Screen** -----	-----	7.0'	/INSPECTOR T. Scott

Depth (feet)	Sample ID	(ppm) bkg=0.0	Class S stem	GEOLOGIC DESCRIPTION	REMARKS
1.0				Augered to +/- ▮ 5 5 - Bk c-fS, s $ & C, t fG; occ wd fgmts	R=3 6'
2.0				Gn Br c-fS, a Cy$, I mfG	Strong Petro Odor
3.0	S-1	143.0	SC	Green brown coarse to fine SAND. and Clayey S t. little medium to fine Gravel	Dry
4.0					
5.0				Same as above	R=3 2'
6.0					Strong Petro Odor
7.0	S-2	110.0	SC		Damp
8.0					
9.0				Same as above	R=I 0'
10.0	S-3	77.7	SC		Strong Petro Odor
11.0				End of Boring @ 9 5 feet - Refusal	WET
12.0					
13.0					
14.0					
15.0					
16.0					
17.0					
18.0					
19.0					
20.0					

Groundwater sample not collected

Soil Boring Completed @ 9 5 feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG

Boring No. GP-14

PROJECT: Big N Plaza - Maxon Road Schenectady, New York					SHEET NO.	1 of 1
CLIENT: Young, Sommer					JOB NO.	04.12144
DRILLING CONTRACTOR: Northeastern Environmental Technologies Corporation					M.P. ELEV.	
PURPOSE: Subsurface Investigation					GR. ELEV.	-----
DRILLING METHOD: Direct Push		Soil Sample	GW Sample	Sample Method	DATUM	-----
DRILL RIG: Geoprobe 540U	TYPE	Macro	-----	-----	DATE START	03/02/2005
GROUND WATER LEVEL: NM	DIAM.	2.0	-----	-----	DATE FINISH	03/02/2005
MEASURING PT.: Ground	Sample	Yes	No	No	DRILLER	R. Earl
DATE: 03/02/2005	Screen		-----	-----	INSPECTOR	T. Scott

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	Unified Soil Class. System	GEOLOGIC DESCRIPTION	REMARKS
1.0	N/A	NM		Asphalt / Concrete +/- 1.0 ft.	R=NR
2.0				VOID +/- 2.0 ft.	
3.0				Concrete	
4.0				End of Boring @ 3.5 feet - Refusal	
5.0					
6.0					
7.0					
8.0					
9.0					
10.0					
11.0					
12.0					
13.0					
14.0					
15.0					
16.0					
17.0					
18.0					
19.0					
20.0					

Groundwater sample not collected

Soil Boring Completed @ 3.5 feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG

Boring No. GP-15

PROJECT: Big N Plaza - Maxon Road Schenectady, New York	SHEET NO. 1 of 1
CLIENT: Young. Sommer	JOB NO. 04.12144
DRILLING CONTRACTOR: Northeastern Environmental Technologies Corporation	M.P. ELEV. ---
PURPOSE: Subsurface Investigation	GR. ELEV. -----
DRILLING METHOD: Direct Push	DATUM -----
DRILL RIG: Geoprobe 540U	DATE START 03/02/2005
GROUND WATER LEVEL: NM	DATE FINISH 03/02/2005
MEASURING PT.: Ground	DRILLER R. Earl
DATE: 03/01/2005	INSPECTOR T. Scott

	Soil Sample	GW Sample	Sample Method
TYPE	Macro	-----	-----
DIAM.	2.0"	-----	-----
Sample	Yes	No	No
Screen	-----	-----	-----

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	Unified Soil Class System	GEOLOGIC DESCRIPTION	REMARKS
1.0				Br Gr c-fS, a Cy$, I mfG; occ brk, conc, slag, wd, fgmts (FILL)	R=3 0'
2.0	S-1A	Bkg	SC	Grav coarse to fine SAND, and Clayey Silt, little medium to [illegible] occasional brick, [illegible] slag, [illegible] fragments (FILL)	Strg petro /sewer
3.0	S-1B	Bkg	SP	Bk c-fS, a G, s Cy$; wd fgmts (FILL) (+/- 2.0 ft.)	odor
4.0				Black coarse to fine SAND, and Gravel, some Clayey Silt; wood fragments (Fill L)	WET
5.0	S-2	7.1	SP	Same as above	R=I.0'
6.0				End of Boring @ 5 0 feet - Refusal	Strg petrokewer
7.0					odor
8 0					WET
9.0					
10.0					
11.0					
12.0					
13.0					
14.0					
15.0					
16.0					
17.0					
18 0					
19.0					
20.0					

Groundwater sample not collected

Soil Boring Completed @ 5 0 feet

Shipping Address: 1476 Route 50 Ballston Spa NY 12020 (518) 884-8545 -Phone
Mailing Address: P O Box 2167 Ballston Spa NY 12020 (518) 884-9710 -Fax

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG

Boring No. GP-16

PROJECT: Big N Plaza - Maxon Road Schenectady. New York					SHEET NO.	1 of 1
CLIENT: Young, Sommer					JOB NO.	04.12144
DRILLING CONTRACTOR: Northeastern Environmental Technologies Corporation					M.P. ELEV.	------
PURPOSE: Subsurface Investigation					GR ELEV.	------
DRILLING METHOD: Direct Push		Soil Sample	GW Sample	Sample Method	DATUM	—
DRILL RIG: Geoprobe 540U	TYPE	Macro	-----	-----	DATE START	03/02/2005
GROUND WATER LEVEL: NM	DIAM.	2.0"	-----	-----	DATE FINISH	03/02/2005
MEASURING PT.: Ground	Sample	Yes	No	No	DRILLER	R Earl
DATE: 03/01/2005	Screen	-----	-----	-----	/INSPECTOR	T. Scott

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	Unified Soil Class System	GEOLOGIC DESCRIPTION	REMARKS
1.0				Br Gr c-fS, a Cy$, I mfG; occ brk, conc, slag, wd, fgmts (FILL)	R=2 8'
2.0	S-1A	Bkg	SC	Brown Gray coarse to fine SAND, and Clavey Silt, little medium to fine Gravel; occasional brick, concrete, slag, wood fragments (FILL)	Slt Petro Odor
3.0	S-1B	2280	SP	Bk c-fS, a G, s Cy$; wd fgmts (FILL) (+/- 2.0 ft.)	WET
4.0				Black coarse to fine SAND. and Gravel, some Clavey Silt: wood fragments (FILL)	
5.0	S-2	51.2	SP	Same as above	R=1.0'
6.0				End of Boring @ 5 0 feet - Refusal	Slt Petro Odor
7.0					WET
8.0					
9.0					
10.0					
11.0					
12.0					
13.0					
14.0					
15.0					
16.0					
17.0					
18.0					
19.0					
20.0					

Groundwater sample not collected

Soil Boring Completed @ 5.0 feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG

Boring No. GP-17

PROJECT:	Big N Plaza - Maxon Road Schenectady, New York					SHEET NO.	1 of 1
CLIENT:	Young, Sommer					JOB NO.	04.12144
DRILLING CONTRACTOR:	Northeastern Environmental Technologies Corporation					**M.P.** ELEV.	106.88 ft.
PURPOSE:	Subsurface Investigation					GR. ELEV	100.92 ft.
DRILLING METHOD:	Direct Push		**Soil** Sample	GW Sample	Sample 'Method	DATUM	100.00 ft.
DRILL RIG:	Geoprobe 540U	TYPE	Macro	-----	Sch40PVC	DATE START	03/02/2005
GROUND WATER LEVEL:	6.81 fl	**DIAM.**	2.0"	-----	1.0"	DATE **FINISH**	03/02/2005
MEASURING PT.:	Ground	Sample	Yes	No	No	DRILLER	R Earl
DATE:	03/03/2005	Screen		-----	15.0'	INSPECTOR	T. Scott

Depth (feet)	Sample ID	Peak PID (ppm) bkg=0.0	Unified Soil Class. System	GEOLOGIC DESCRIPTION	REMARKS
1.0				Gravel	R=1 5'
2.0				Br Gr c-fS, a Cy$, I mfG	No Odor
3.0	S-1	Bkg	SC	Brown Gray coarse to fine SAND and Clayey Silt. little medium to fine Gravel	Damp
4.0				Refusal concrete augered through	
5.0				Gn Gr c-fS, a Cy$, I mfG (+/- 4.0 ft)	R=2.1'
6.0				Green Gray coarse to fine SAND. and Clayey Silt. little me to fine Gravel	Strg Gas Odor
7.0	S-2	211.0	SC		Damp
8.0					
9.0				/Sameas above	R=3.0'
10.0					V. Strg Gas Odor
11.0	S-3	312.0	SC		Damp / Moist
12.0					
13.0				Gr Gn c-fS, a Cy$, I mfG; occ wd fgmts	R=4.0'
14.0	S-4A	189.0	SC	Gray Green coarse to fine SAND. and Clayey Silt. little medium to fine Gravel: occasional wood fragments	V Strg Gas Odor
15.0	S-4B	Bkg	SC	Gr mfS, a Cy$, I mfG (TILL) - Dry (+/- 13 5 ft)	WET / Dry
16 0				Gray medium to fine SAND. and vev Silt. little medium to fine Gravel (TILL) - Dry	
17 0	S-5A	13 3	SC	Same as above	R=1 5'
18.0	S-5B	Bkg	SC		Slt. Odor / Dry
19.0				End of Boring @ 175 feet - Refusal	
20.0					

Groundwater sample not collected

Soil Boring Completed @ 17 5 feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG

Boring No. GP-18

PROJECT:	Big N Plaza - Maxon Road Schenectady, New York					**SHEET NO.**	1 of 1
CLIENT:	Young, Sommer					**JOB NO.**	04.12144
DRILLING CONTRACTOR:	Northeastern Environmental Technologies Corporation					**M.P. ELEV.**	107.10 ft.
PURPOSE:	Subsurface Investigation					**GR. ELEV.**	103.12 ft.
DRILLING METHOD:	Direct Push		**Soil Sample**	**GW Sample**	**Sample Method**	**DATUM**	100.0 ft.
DRILL RIG:	Geoprobe 540U	**TYPE**	Macro	-----	Sch40PVC	**DATE START**	03/02/2005
GROUND WATER LEVEL:	10.05 ft.	**DIAM.**	2.0"	-----	1.0"	**DATE FINISH**	03/02/2005
MEASURING PT.:	Ground	**Sample**	Yes	No	No	**DRILLER**	R. Earl
DATE:	03/03/2005	**Screen**	-----	-----	8.0'	**INSPECTOR**	T. Scott

Depth	Sample	Peak PID (ppm) bkg=0.0	Unified Soil Class System	GEOLOGIC DESCRIPTION	REMARKS
		Bkg	SC	Br to Bk c-fS, a Cy$, I mfG; occ brk, slag, fgmts (FILL) Brown to Black coarse to fine SAND, and Clayey Silt, little medium to fine Gravel; occasional brick, slag, fragments (FILL)	R=3 6' No Odor Dry
7 0	S-2	Bkg	SC	Gr c-fS, a Cy$, I mfG (TILL) (+/- 4 0 ft) Gray coarse to fine SAND, and Clavey Silt. little medium to fine Gravel (Till)	R=4 O' No Odor Dry
8.0					
9 0				Same as above	R=1 0'
10.0	S-3	Bkg	SC		No Odor / Dry
11.0				**End of Boring @ 9 5 feet - Refusal**	
12.0					
13.0					
14.0					
15.0					
16.0					
17.0					
18 0					
19.0					
20.0					

Groundwater sample not collected

Soil Boring Completed @ 9 5 feet

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NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

TEST BORING LOG

Boring No. GP-19

PROJECT:	Big N Plaza - Maxon Road Schenectady, New York					**SHEET** NO.	1 of 1
CLIENT:	Young. Sommer					**JOB** NO.	04.12144
DRILLING CONTRACTOR:	Northeastern Environmental Technologies Corporation					M P. ELEV.	-—
PURPOSE:	Subsurface Investigation					GR. ELEV.	—
DRILLING METHOD:	Direct Push		Soil Sample	GW Sampl	Sample Method	DATUM	-----
DRILL RIG:	Geoprobe 540U	TYPE	Macro	-----	-----	DATE START	03/02/2005
GROUND WATER LEVEL:	NM	**DIAM**	2.0"	-----	-----	DATE FINISH	03/02/2005
MEASURING PT.:	Ground	**Sample**	Yes	No	No	**DRILLER**	R. Earl
DATE:	03/02/2005	**Screen**	-----	-----	-----	/INSPECTOR	T. Scott

Depth /(feet)	Sample ID	Peak PID (ppm) bkg=0.0	Unified Soil Class. System	GEOLOGIC DESCRIPTION	REMARKS
1.0				Augered to +/- 15'	R=3.1'
2.0				Br Gr mfS, a $, t mG	No Odor
3.0	S-1	Bkg	SM	Brown Grav medium to fine SAND. and Silt. trace medium Gravel	Dry
4.0					
5.0				Br c-fS, a Cy$, I mfG (+/- 4.0 ft.)	R=3 5'
6.0				Brown coarse to fine SAND, and Clavey Silt. little medium to fine Gravel	No Odor
7.0	S-2	Bkg	SC		Moist
8.0					
9.0				Same as above	R=I 2'
10.0	S-3	Bkg	SC		No Odor / WET
11.0				End of Boring @ 9 5 feet - Refusal Gray Shale	
12.0					
13.0					
14.0					
15.0					
16.0					
17.0					
18.0					
19.0					
20 0					

Groundwater sample not collected

Soil Boring Completed @ 9 5 feet

Shipping Address: 1476 Route 50 Ballston Spa NY 12020 (518) 884-8545 -Phone
Mailing Address: P O Box 2167 Ballston Spa, NY 12020 (518) 884-9710 - Fax

APPENDIX H

WELL COMPLETION LOGS

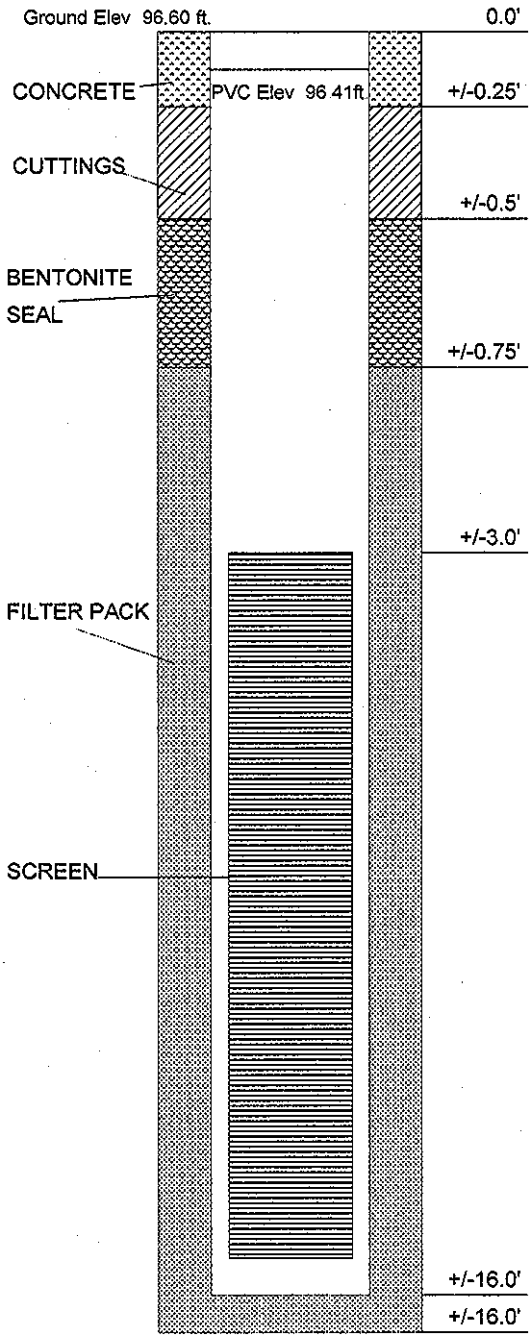
NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

MONITORING WELL COMPLETION LOG WELL NO. MW-3

PROJECT: Big N Plaza - Maxon Road Schenectady, N Y
CLIENT: Young, Sommer
PROJECT NO. 04.12144

DATE DRILLED February 28,2005
DATE DEVELOPED: March 3,2005

WELL CONSTRUCTION DETAIL



NOT TO SCALE

INSPECTOR: Todd Scott
DRILLING CONTRACTOF Northeastern Environmental Technologies Corp

TYPE OF WELI Monitoring Well
STATIC WATER LEVE 3 99 feet — DATE: March 3 2005
MEASURING POINT Top of PVC
TOTAL DEPTH OF WELL +/-16 0 feet
TOTAL DEPTH OF BORIN +I-16 0 feet

DRILLING METHOD:
TYPE: Direct Push — DIAMETER 2 0"
CASING: N/A

SAMPLING METHOD:
TYPE: MACRO — DIAMETER 2 0"
WEIGHT: NIA — FALL: NIA
INTERVAI 4 0 feet

RISER PIPE LEFT IN PLACE.
MATERIA Sch40PVC — DIAMETER 1 0"
LENGTH: +/-3 0' — JOINT TYPI Flush Thread

SCREEN:
MATERIA Sch40PVC — DIAMETER 1 0"
SLOT SIZE: Slot 10 — INTERVAL: +I-3 0 - 16 0'
STRATEGIC UNIT SCREENE Sand. Silt and Clay

FILTER PACK:
TYPE: Sand
GRADE: #1
AMOUNT: 25lbs — INTERVAL: +I-0 75 - 16 0'

SEAL (S):
TYPE: Bentonite — INTERVAL: +/-0 5 - 0 75'
TYPE: Cuttings — INTERVAL: +/-0 25 - 0 5'
TYPE: Concrete — INTERVAL: +/-0 0 - 0 25'

NOTES:

Road Box Installed

Shipping Address: 1476 Route 50 Malta NY 12020 (518) 884-8545 -Phone
Mailing Address: P O Box 2167 Malta NY 12020 (518) 884-9710 - Fax

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

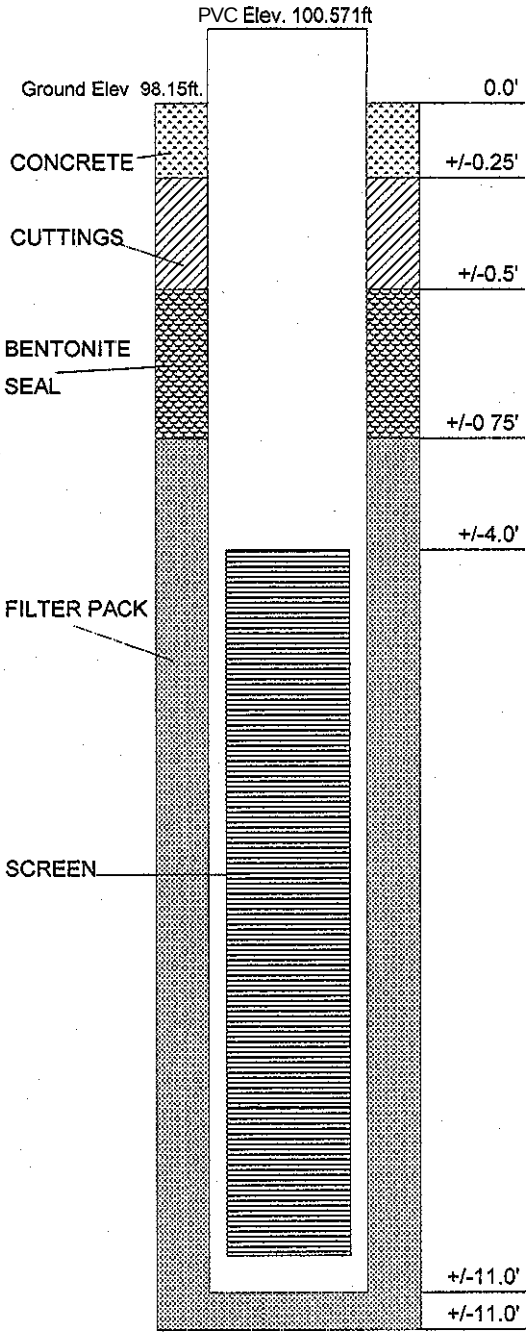
MONITORING WELL COMPLETION LOG

WELL NO. **MW-12**

PROJECT: Big N Plaza - Maxon Road Schenectady, N Y
CLIENT: Young, Sommer
PROJECT NO. 04.12144

DATE DRILLED February 28,2005
DATE DEVELOPED: March 3,2005

WELL CONSTRUCTION DETAIL



NOT TO SCALE

INSPECTOR: Todd Scott
DRILLING CONTRACTOF Northeastern Environmental Technologies Corp

TYPE OF WELL Monitoring Well
STATIC WATER LEVE 9 54 feet — DATE: March 3.2005
MEASURING POINT Top of PVC
TOTAL DEPTH OF WELL +/-11 0 feet
TOTAL DEPTH OF BORIN +/-11 0 feet

DRILLING METHOD:
PIPE: Direct Push — DIAMETER 2 0"
CASING: NIA

SAMPLING METHOD:
TYPE: MACRO — DIAMETER 2 0"
WEIGHT: N/A — FALL: N/A
INTERVAL 4 0 feet

RISER PIPE LEFT IN PLACE.
MATERIA Sch40PVC — DIAMETER: 1 0"
LENGTH: +/-5 0' — JOINT TYPI Flush Thread

SCREEN:
MATERIA Sch40PVC — DIAMETER 1 0
SLOT SIZE: Slot 10 — INTERVAL: +/-4 0 - 11 0'
STRATEGIC UNIT SCREENE Sand. Silt and Clay

FILTER PACK.
TYPE: Sand
GRADE: #1
AMOUNT: 25lbs — INTERVAL: +/-0 75 - 11 0'

SEAL (S):
TYPE: Bentonite — INTERVAL: +/-0 5 - 0 75'
PIPE: Cuttings — INTERVAL: +/-0 25 - 0 5'
TYPE: Concrete — INTERVAL: +/-0 0 - 0 25'

NOTES:

PVC stick up left in place

Shipping Address: 1476 Route 50 Malta NY 12020 (518) 884-8545 - Phone
Mailing Address: P O Box 2167 Malta NY 12020 (518) 884-9710 - Fax

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

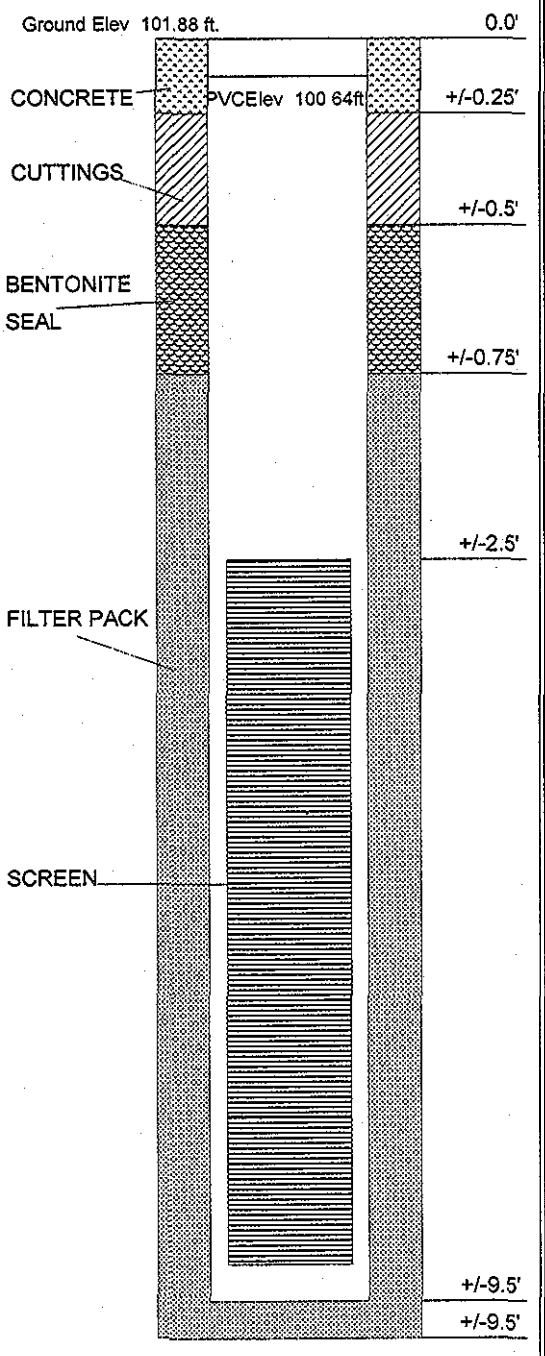
MONITORING WELL COMPLETION LOG

WELL NO. MW-13

PROJECT: Big N Plaza - Maxon Road Schenectady, N Y
CLIENT: Young, Sornrner
PROJECT NO. 04.12144

DATE DRILLED February 28,2005
DATE DEVELOPED: March 3,2005

WELL CONSTRUCTION DETAIL



NOT TO SCALE

INSPECTOR: ~ o d Scott
DRILLING CONTRACTOF Northeastern Environmental Technologies Corp

TYPE OF WELl Monitoring Well
STATIC WATER LEVE 6 36 ft — DATE: March 3,2005
MEASURING POINT Top of PVC
TOTAL DEPTH OF WELL +/-9 5 feet
TOTAL DEPTH OF BORI+/-9 5 feet

DRILLING METHOD:
TYPE: Direct Push — DIAMETER 2 0
CASING: N/A

SAMPLING METHOD:
TYPE: MACRO — DIAMETER 2 0
WEIGHT: NIA — FALL: N/A
INTERVAl 4 0 feet

RISER PIPE LEFT IN PLACE:
MATERIA Sch40PVC — DIAMETER 1 0
LENGTH: +/-2 5' — JOINT TYPI Flush Thread

SCREEN:
MATERIA Sch40PVC — DIAMETER 1 0
SLOT SIZE: Slot 10 — INTERVAL: +/-2 5 - 9 5'
STRATEGIC UNIT SCREENE Sand. Silt and Clay

FILTER PACK:
TYPE: Sand
GRADE: #1
AMOUNT: 25lbs — INTERVAL: +/-0 75 - 9 5'

SEAL (S):
TYPE: Bentonite — INTERVAL: +/-0 5 - 0 75'
TYPE: Cuttings — INTERVAL: +/-0 25 - 0 5'
TYPE: Concrete — INTERVAL: +I-0 0 - 0 25'

NOTES:

Road Box Installed

Shipping Address: 1476 Route 50 Malta NY 12020 (518) 884-8545 - Phone
Mailing Address: P O Box2167 Malta. NY 12020 (518) 884-9710 -Fax

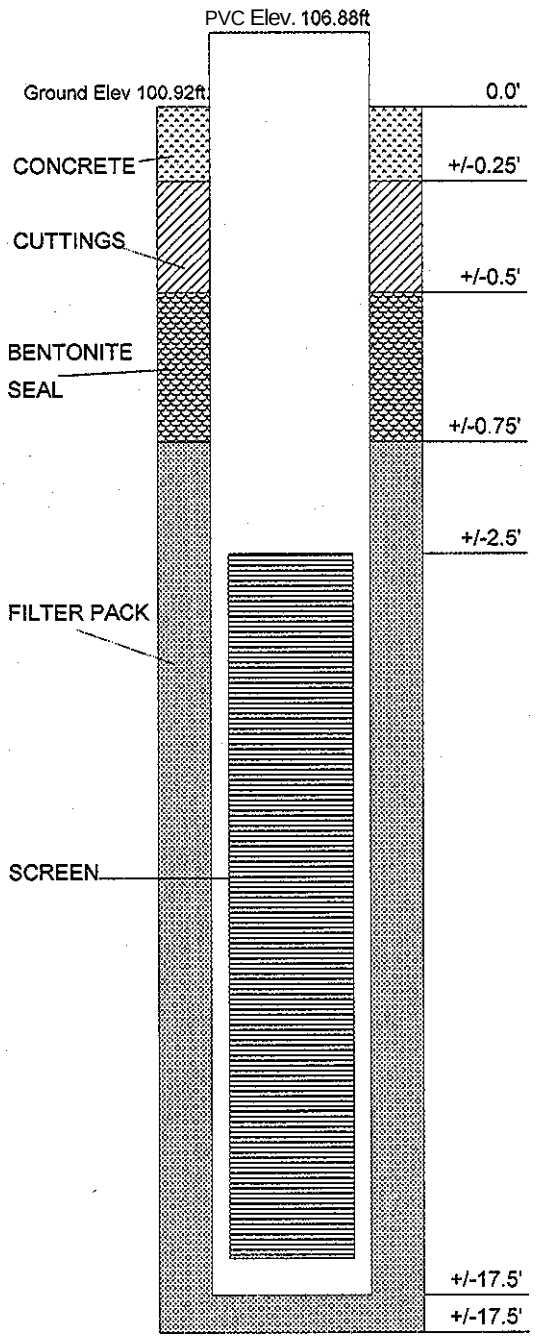
NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

MONITORING WELL COMPLETION LOG — WELL NO. MW-17

PROJECT: Big N Plaza - Maxon Road Schenectady, N Y
CLIENT: Young, Sommer
PROJECT NO. 04.12144

DATE DRILLED: February 28,2005
DATE DEVELOPED: March 3,2005

WELL CONSTRUCTION DETAIL



NOT TO SCALE

INSPECTOR: Todd Scott
DRILLING CONTRACTOF NortheasternEnvironmentalTechnologies Corp

TYPE OF WELL: Monitoring Well
STATIC WATER LEVE 6 81 feet — DATE: March 3.2005
MEASURING POINT Top of PVC
TOTAL DEPTH OF WELL +/-17 5 feet
TOTAL DEPTH OF BORIN +/-17 5 feet

DRILLING METHOD:
TYPE: Direct Push — DIAMETER 2 0
CASING: N/A

SAMPLING METHOD:
TYPE: MACRO — DIAMETER.2 0
WEIGHT: N/A — FALL: N/A
INTERVAL 4 0 feet

RISER PIPE LEFT IN PLACE:
MATERIA Sch40PVC — DIAMETER 1 0
LENGTH: +/-5 0' — JOINT TYPI Flush Thread

SCREEN:
MATERIA Sch40PVC — DIAMETER 1 0
SLOT SIZE: Slot 10 — INTERVAL: +/-2 5 - 17 5'
STRATEGIC UNIT SCREENE Sand. Silt and Clay

FILTER PACK:
TYPE: Sand
GRADE: #1
AMOUNT 25lbs — INTERVAL: +I-0 75 - 17 5'

SEAL (S):
TYPE: Bentonite — INTERVAL: +/-0 5 - 0 75'
TYPE: Cuttings — INTERVAL: +/-0 25 - 0 5'
TYPE: Concrete — INTERVAL: +/-0 0 - 0 25'

NOTES:

PVC stick up left in place

Shipping Address: 1476 Route 50 Malta. NY 12020 (518) 884-8545 - Phone
Mailing Address: P O Box 2167 Malta, NY 12020 (518) 884-9710 - Fax

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES

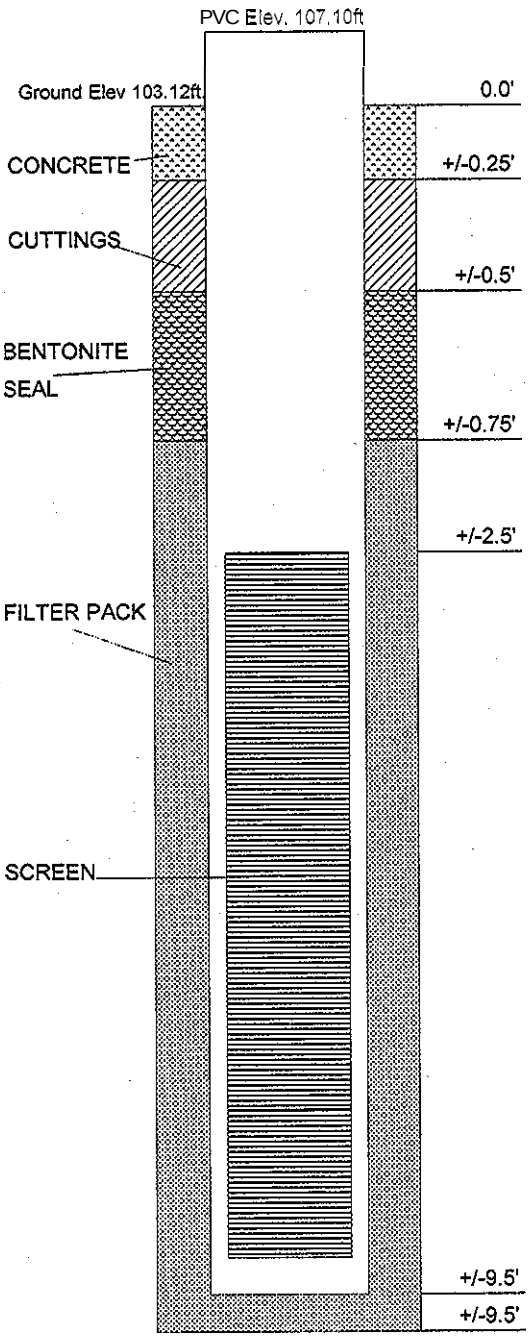
MONITORING WELL COMPLETION LOG

WELL NO. MW-18

PROJECT: Big N Plaza - Maxon Road Schenectady, N Y
CLIENT: Young. Sommer
PROJECT NO. 04.12144

DATE DRILLEI February 28,2005
DATE DEVELOPED: March 3.2005

WELL CONSTRUCTION DETAIL



NOT TO SCALE

INSPECTOR: Todd Scott
DRILLING CONTRACTOF Northeastern Environmental Technologies Corp

N P E OF WELI Monitoring Well
STATIC WATER LEVE 10 05 feet — DATE: March 3,2005
MEASURING POINT Top of PVC
TOTAL DEPTH OF WELL +/-9 5 feet
TOTAL DEPTH OF BORI +/-9 5 feet

DRILLING METHOD:
TYPE: Direct Push — DIAMETER 2 0
CASING: NIA

SAMPLING METHOD:
TYPE: MACRO — DIAMETER 2 0"
WEIGHT: N/A — FALL: N/A
INTERVAI 4 0 feet

RISER PIPE LEFT IN PLACE:
MATERIA Sch40PVC — DIAMETER 1 O
LENGTH: +I-5 0' — JOINT N P I Flush Thread

SCREEN:
MATERIA Sch40PVC — DIAMETER 1 0"
SLOT SIZE: Slot 10 — INTERVAL: +/-2 5 - 9 5'
STRATEGIC UNIT SCREENE Sand, Silt and Clay

FILTER PACK:
NPE: Sand
GRADE: #1
AMOUNT: 25lbs — INTERVAL: +/-0 75 - 9 5'

SEAL (S):
NPE: Bentonite — INTERVAL: +/-0 5 - 0 75'
TYPE: Cuttings — INTERVAL: +/-0 25 - 0 5'
NPE: Concrete — INTERVAL: +/-0 0 - 0 25'

NOTES:

PVC stick up left in place

Shipping Address: 1476 Route 50 Malta NY 12020 (518) 884-8545 - Phone
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APPENDIX I

INTERIOR AIR QUALITY REPORT

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORP.

EMSL Analytical Inc , IH Laboratory, 3 Cooper Street, Westmont, N J 08108 phone (800)220-3675

March 11,2005

Joe Naselli
Northeastern Environ Tech Corp
1476 Route 50
Ballston Spa, NY 12020

Fax: (518) 884-9710

R E EMSL 280500213
Project:
TO-15 ANALYSIS

Dear. Joe:

Attached please find the lab xeport and results for the above referenced analysis If you have any questions or need further information please do not hesitate to contact me at extension 1275

Sincerely,

SEfretH

Scott VanEtten
Senior Chemist
IH Laboratory Manager

AIHA Laboratory No 100194

NJ-NELAP Laboratory No 04653

VOLATILE ORGANICS DATA ANALYSIS SUMMARY
EPA COMPENDIUM **TO-15**

Lab Name:	EMSL ANALYTICAL	Air Results for Project:	EMSL 280500213
Lab City:	WESTMONT. NJ	Field ID Number:	BN IAS-1
Instrument ID:	5972-VOA#4	Laboratory ID Number:	280500213-1
GC Column:	RTX-502 2 60m 0 25mm 1 4u	Sampling Date:	3/1/05
Acquisition Method:	031005TO M	Lab File ID:	j6987 d
Calibration Date:	3110105	Analysis Date:	03111/05
Matrix:	Air	Time Acquired:	5:10am
Latest **MDL** Date:	8/9/04	Sample ***Volume(mL):***	250
Analyst:	SWV/mh	Dilution Factor:	1
		Can **ID:**	R3552

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	Reporting Limit(PQL) ppbv at 250mL
Propylene	115-07-1	42	1.0	U	1.7	1.0
Freon 12(Dichlorodifluoromethane)	75-71-8	121	0.50	U	2.5	0.50
Freon 114(1,2-Dichlorotetrafluoroethan	76-14-2	171	0.50	U	3.5	0.50
Chloromethane	74-87-3	50	0.52		1.1	0.50
Vinyl chloride	75-01-4	63	0.50	U	1.3	0.50
1,3-Butadiene	106-99-0	54	0.50	U	1.1	0.50
Bromomethane	74-83-9	95	0.50	U	1.9	0.50
Chloroethane	75-00-3	65	0.50	U	1.3	0.50
Ethanol	64-17-5	46	2.6		4.9	1.5
Freon 11(Trichlorofluoromethane)	75-69-4	137	0.50	0	2.8	0.50
Isopropyl alcohol(2-Propanol)	67-63-0	60	1.5	U	3.7	1.5
Freon 113(1,1,2-Trichlorotrifluoroethan	76-13-1	187	0.50	U	3.8	0.50
Acetone	67-64-1	58	46	D	110	3.0
1,1-Dichloroethene	75-35-4	97	0.50	U	2.0	0.50
Carbon disulfide	75-15-0	76	0.50	U	1.6	0.50
Methylene chloride	75-09-2	85	1.5	U	5.2	1.5
Methyl-tert-butyl ether(MTBE)	1634-04-4	88	0.50	U	1.8	0.50
trans-1,2-Dichloroethene	156-60-5	97	0.50	U	2.0	0.50
n-Hexane	110-54-3	86	0.50	U	1.8	0.50
1,1-Dichloroethane	75-34-3	99	0.50	U	2.0	0.50
Vinyl acetate	108-05-4	86	0.50	U	1.8	0.50
2-Butanone(MEK)	78-93-3	72	0.50	U	1.5	0.50
cis-1,2-Dichloroethene	156-59-2	97	0.50	U	2.0	0.50
Ethyl acetate	141-78-6	88	0.50	U	1.8	0.50
Chloroform	67-66-3	119	0.50	U	2.4	0.50
Tetrahydrofuran	109-99-9	72	0.50	U	1.5	0.50
1,1,1-Trichloroethane	71-55-6	133	0.50	U	2.7	0.50
Cyclohexane	110-82-7	84	0.50	U	1.7	0.50
Carbon tetrachloride	56-23-5	154	0.50	U	3.1	0.50
n-Heptane	142-82-5	100	0.50	U	2.0	0.50
1,2-Dichloroethane	107-06-2	99	0.50	U	2.0	0.50
Benzene	71-43-2	78	0.50	U	1.6	0.50
Trichloroethene	79-01-6	131	0.50	U	2.7	0.50
1,2-Dichloropropane	78-87-5	113	0.50	U	2.3	0.50
Bromodichloromethane	75-27-4	164	0.50	U	3.3	0.50
1,4-Dioxane	123-91-1	88	0.50	U	1.8	0.50
4-Methyl-2-pentanone(MIBK)	108-10-1	100	0.50	U	2.0	0.50
cis-1,3-Dichloropropene	10061-01-5	111	0.50	U	2.3	0.50
Toluene	108-88-3	92	0.66		2.5	0.50
trans-1,3-Dichloropropene	10061-02-6	111	0.50	U	2.3	0.50

VOLATILE ORGANICS DATA ANALYSIS SUMMARY
EPA COMPENDIUM TO-15

Lab Name:	EMSL ANALYTICAL	Air Results for Project:	EMSL 280500213
Lab City:	WESTMONT, NJ	Field ID Number:	BN IAS-1
Instrument ID:	5972-VOA#4	Laboratory ID Number:	280500213-1
GC Column:	RTX-502 2 60m 0 25mm 1 4u	Sampling Date:	3/1/05
Acquisition Method:	031005TO M	Lab File ID:	j6987 d
Calibration Date:	3/10105	Analysis Date:	03111/05
Matrix:	Air	Time Acquired:	5:10am
Latest MDL Date:	8/9/04	Sample Volume(mL):	250
Analyst:	SWV/mh	Dilution Factor:	1
		Can ID:	R3552

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	Reporting Limit(PQL) ppbv at 250mL
1,1,2-Trichloroethane	79-00-5	133	0.50	U	2.7	0.50
2-Hexanone(MBK)	591-78-6	100	0.50	U	2.0	0.50
Tetrachloroethene	127-18-4	166	0.50	U	3.4	0.50
Dibromochloromethane	124-48-1	208	0.50	U	4.3	0.50
1,2-Dibromoethane	106-93-4	188	0.50	U	3.8	0.50
Chlorobenzene	108-90-7	113	0.50	U	2.3	0.50
Ethylbenzene	100-41-4	106	0.50	U	2.2	0.50
Xylene (para & meta)	1330-20-7	106	0.50	U	2.2	0.50
Xylene (Ortho)	95-47-6	106	0.50	U	2.2	0.50
Styrene	100-42-5	104	0.50	U	2.1	0.50
Bromoform	75-25-2	253	0.50	U	5.2	0.50
1,1,2,2-Tetrachloroethane	79-34-5	168	0.50	U	3.4	0.50
4-Ethyltoluene	622-96-8	120	0.50	U	2.5	0.50
1,3,5-Trimethylbenzene	108-67-8	120	0.50	U	2.5	0.50
1,2,4-Trimethylbenzene	95-63-6	120	0.50	U	2.5	0.50
1,3-Dichlorobenzene	541-73-1	147	0.50	U	3.0	0.50
1,4-Dichlorobenzene	106-46-7	147	0.50	U	3.0	0.50
Benzyl chloride	100-44-7	179	0.50	U	3.7	0.50
1,2-Dichlorobenzene	95-50-1	147	0.50	U	3.0	0.50
1,2,4-Trichlorobenzene	120-82-1	182	0.50	U	3.7	0.50
Hexachloro-1,3-butadiene	87-68-3	261	0.50	U	5.3	0.50

Surrogate	Result(ppbv)	True(ppbv)	%Recovery	Limits %
4-Bromofluorobenzene	977	1000	98	70 - 130

= COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3
U= UNDETECTED
D = DILUTED..REPORTED FROM DILUTION RUN.
B= DETECTED IN BLANK
E = ESTIMATED CONCENTRATION. EXCEEDED :ATION LIMIT.
J= DETECTED BELOW PRACTICAL QUANTITATION EL, BUT ABO\ MDL

1E

SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

213-1

Lab Name: EMSL ANALYTICAL Contract: _____

Project No _____ Site: _____ Location: _____ Group: _____

Matrix: AIR Lab Sample ID: 213-1

Sample wt/vol: 250 ML Lab File ID: J6987.D

Date Received: _____

Date Analyzed: 3/11/05

GC Column: RTX-502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Concentration Units:

Number TICs found: 8 ppbv

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Unknown	4.29	1	J
2.	Unknown	4.31	1	J
3.	Unknown	4.67	1	J
4.	Unknown Hydrocarbon	5.05	1	J
5.	Unknown Hydrocarbon	6.07	1	J
6. 78-78-4	Butane, 2-methyl-	6.32	1	J
7.	Unknown	7.06	1	J
8.	Unknown	7.87	1	J
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

J = Estimated Concentration
B = Detected in Blank

EMSL ANALYTICAL, INC.
1 Cooper Street (TO-15 Lab)
Westmont, New Jersey 08108
856-858-4800 Extension 1301
856-858-0648 Fax or
mhowley@emsl.com

External
Chain of Custody / Analysis Request Form

EMSL Project # 280500215
PO#

Note: Please complete all required information. Incomplete shaded areas may hinder processing samples.

Project Name:

(Weather conditions: Bar. pressure: UKN Temp.: ±28°F % Humidity: UKN Snowing)

Custody and Sample Information - Print ALL information. Write N/A in blanks not applicable.

1. Report to: NETC Ballston Spa NY

2. Bill To: JEFF WINK NETC

Contact Person: (name and phone number) JOE NASELLI
Tel.#: (518) 584-5545
FAX #: (518) 584-9710

Sample Shipping and Transport Notice
The individual signing this document to relinquish the sample(s) is indicating that the sample(s) is/are being shipped in compliance with all applicable local, state or Federal as well as international laws, regulations and ordinances. EMSL Analytical, Inc. assumes no liability with respect to sampling, handling or shipping of the samples included in this shipment. The relinquishing signature in addition indicates agreement to hold harmless, defend and indemnify EMSL Analytical Inc. against any claim, demand, or action, related to the sampling, handling, or shipping of samples. Call the D.O.T. Hotline at (800) 467-4922 for questions about regulations.

3. Sampled by (Signature): [signature]
4. # of Samples in Shipment: 2
5. Date of Sample Shipment: 3/3/05
6. Date Results Needed:

Item #	Lab Sample ID	Canister ID	Client Sample ID	Sampling Date Start	Sampling Time Start	Sampling Date Stop	Sampling Time Stop	Regulator ID	Analyses Requested	Canister / Vacuum Initial "Hg	Final "Hg	Receipt "Hg
1		[illegible]	~~1564-1566 STATE ST.~~	3/1/05	[illegible]	3/1/05	3:35pm	R7348857	TO-15	-30 -32	-8	
2		[redacted]	Big N	3/1/05	9:37am	3/1/05	1:20pm	R2234570		-30	-7	-8
3												
4												
5												
6												
7												
8												

see order ID

SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL INC.

Relinquished by (Signature)	Company/Agency Affiliation	Date/Time Relinquished		Delivery Method or Reason for Change of External Custody	Received by (Signature)	Company/Agency Affiliation	Date/Time Received	
Steven Koski	EMSL	2/22/05	11am	FED EX	[signature]	NETC	2/25/05	16:00
[signature]	NETC	3/3/05	8am		[signature]			
					Steven Koski		3/4/05	8:30

Please indicate Turn Around Time needed: [X] Standard 5-10 Days* [ ] *96-Hour [ ] *72-Hour [ ] *48-Hour [ ] *24-Hour * TAT subject to laboratory workload.

Comments: 1564-1566 STATE ST. - VACANT COMMERCIAL SPACE
BIG N - VACANT COMMERCIAL/INDUSTRIAL SPACE

Please indicate reporting requirements: 1) Results only [ ] 2) Other (Attach a copy of requirements) [ ]
PLEASE PROVIDE RESULTS FOR EACH CANISTER IN SEPERATE LAB REPORTS (2) SEPERATE SITES)

8. Name / Title of Individual Resealing Canisters and Shipping Container: (Print/Sign)
Name: JOE NASELLI Title: PROJECT SCIENTIST
Date/Time Sample Shipping Container ReSealed: Laboratory Affixed Seal No: 550

9. Condition of cans and regulators at receipt in laboratory (See TO-15 Sample Canister Delivery / Acceptance Report): GOOD

10. Name / Title of Individual Preparing Canisters and Shipping Container: (Print/Sign)
Name: Steve Koski Title: Lab Tech
Date/Time Sample Shipping Container Sealed: 2/22/05 Laboratory Affixed Seal No: 901 [illegible]

11. Name / Title of Individual Breaking Shipping Container Seal and Accepting Responsibility at the Laboratory: (Print/Sign) Name: D BURNS / [signature] Title: Login Mgr
Date/Time Sample Shipping Container Opened: 3/4 10:10A
Date/Time internal Chain of Custody initiated on Form TO15-2/06 (Internal Chain of Custody):

TO-15 01 COC.doc

NJDEP Requires Strict Legal Custody -- Shipping Containers Must Include Custody Seals -- Items in "Bold" Border Boxes must be filled out.

APPENDIX J

SOIL QUALITY REPORTS

NORTHEASTERN
ENVIRONMENTAL
TECHNOLOGIES CORP

EPA METHOD 8260

SOIL ANALYTICAL DATA (EPA Method 8260) Page 1 of 2

Big N Plaza

1520 Maxon Road Schenectady New York

Sampled on February 28, 2005

PARAMETER	SOIL SAMPLE					DEC Req. Soil Cleanup Objective
	GP-5	GP-16	GP-17	Comp 1	Comp 2	
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	-----*
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	800
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	600
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	-----*
1,1-Dichloroethane	ND	ND	ND	ND	ND	200
1,1-Dichloroethene	ND	ND	ND	ND	ND	400
1,1-Dichloropropene	ND	ND	ND	ND	ND	-----*
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	-----*
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	400
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	3,400
1,2,4-Trimethylbenzene	ND	878	433	ND	ND	-----*
1,2-Dibromo-3-Chloropropane	ND	ND	ND	ND	ND	-----*
1,2-Dibromoethane	ND	ND	ND	ND	ND	-----*
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	7,900
1,2-Dichloroethane	ND	ND	ND	ND	ND	100
1,2-Dichloropropane	ND	ND	ND	ND	ND	-----*
1,3,5-Trimethylbenzene	ND	280	183	ND	ND	-----*
1,3-Dichlorobenzene	ND	306	ND	ND	ND	1,600
1,3-Dichloropropane	ND	ND	ND	ND	ND	300
1,4-Dichlorobenzene	ND	691	ND	ND	ND	8,500
2,2-Dichloropropane	ND	ND	ND	ND	ND	-----*
2-Butanone	ND	ND	ND	ND	ND	300
2-Chloroethylvinylether	ND	ND	ND	ND	ND	-----*
2-Chlorotoluene	ND	ND	ND	ND	ND	-----*
2-Hexanone	ND	ND	ND	ND	ND	-----*
4-Chlorotoluene	ND	ND	ND	ND	ND	-----*
4-Isopropyltoluene	ND	251	429	ND	ND	-----*
4-Methyl-2-pentanone	ND	ND	ND	ND	ND	1,000
Acetone	18.3	ND	ND	ND	43.9	200
Benzene	ND	ND	ND	ND	ND	60
Bromobenzene	ND	ND	ND	ND	ND	-----*
Bromochloromethane	ND	ND	ND	ND	ND	-----*
Bromodichloromethane	ND	ND	ND	ND	ND	-----*

Notes: All concentrations are in ug/kg or ppb (parts per billion)

DEC = Required Soil Cleanup Objective, NYSDEC - TAGM - Determination of Sail Cleanup Objectives and Cleanup Levels 1994

*= as per TAGM #4046; Total VOC < 10,000ppb; Total SVOC < 500,000ppb; Individual SVOC < 50,000ppb

SOIL ANALYTICAL DATA (EPA Method 8260) Page 2 of 2

Big N Plaza

1520 Maxon Road Schenectady New York

Sampled on February 28,2005

PARAMETER	SOIL SAMPLE DESCRIPTION					DEC Req. Soil Cleanup Objective
	GP-5	GP-16	GP-17	Comp 1	Comp 2	
Bromoform	ND	ND	ND	ND	ND	-----*
Bromomethane	ND	ND	ND	ND	ND	-----*
Carbon Disulfide	ND	ND	ND	ND	ND	2,700
Carbon Tetrachloride	ND	ND	ND	ND	ND	600
Chlorobenzene	ND	1,990	ND	ND	ND	1,700
Chloroethane	ND	ND	ND	ND	ND	1,900
Chloroform	ND	ND	ND	ND	ND	300
Chloromethane	ND	ND	ND	ND	ND	-----*
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	-----*
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	-----*
Dibromochloromethane	ND	ND	ND	ND	ND	-----*
Dibromomethane	ND	ND	ND	ND	ND	-----*
Dichlorodifluoromethane	ND	ND	ND	ND	ND	-----*
Ethylbenzene	ND	ND	ND	ND	ND	5,500
Hexachlorobutadiene	ND	ND	ND	ND	ND	-----*
Isopropylbenzene	17.1	ND	ND	ND	ND	-----*
m&p-Xylene	ND	443	ND	ND	ND	1,200
Methylene Chloride	ND	ND	ND	ND	ND	100
MTBE	ND	ND	ND	ND	ND	1,000
n-Butylbenzene	ND	ND	1,070	ND	ND	-----*
n-Propylbenzene	12.2	141	618	ND	ND	-----*
Napthalene	ND	41,000	762	3.51	ND	13,000
o-Xylene	ND	233	ND	ND	ND	1,200
sec-Butylbenzene	35.6	ND	524	ND	ND	-----*
Styrene	ND	ND	ND	ND	ND	-----*
tert-Butylbenzene	ND	ND	ND	ND	ND	-----*
Tetrachloroethene (Perc)	ND	ND	ND	ND	ND	1,400
Toluene	ND	ND	ND	ND	ND	1,500
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	300
Trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	-----*
Trichloroethene (TCE)	ND	ND	ND	ND	ND	700
Trichlorofluoromethane	ND	ND	ND	ND	ND	-----*
Vinyl Acetate	ND	ND	ND	ND	ND	-----*
Vinyl Chloride	ND	ND	ND	ND	ND	200
Non-target peaks	Positive	Positive	Positive	Negative	Negative	-----
Total VOCs	83.2	46,213	4,019	3.51	43.9	-----

Notes: All concentrations are in ug/kg or ppb (parts per billion)

DEC = Required Sail Cleanup Objective, NYSDEC - TAGM - Determination of Soil Cleanup Objectives and Cleanup Levels 1994

*= as per TAGM #4046; Total VOC < 10 000ppb; Total SVOC < 500 000ppb; Individual SVOC < 50 000ppb

NORTHEAST ANALYTICAL LABS

CERIIFICATE OF ANALYSIS
03/09/2005

NORTHEASTERN ENVIROMENTAL TECH
1476 ROUTE 50
BALLSION SPA, NY 12020
CONTACT: IODD SCOTT

CUSIOMER ID:	GP-5	**NEA ID:**	A1016.39
MATRIX:	**SOIL**	**DATE SAMPLED:**	02/28/2005 **IIME:** 14:30
DAIE RECEIVED:	03/04/2005 **TIME:** 11:20	**PROJECT:**	BIG-N
SAMPLED BY:	T SCOI'T	**LOCAIION:**	SCHENECTADY, NY
CUSIOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMEIER PERFORMED	RESULIS	PQL	UNIIS	DAIE COMPLETED	FLAGS
EPA Method 8260B					
1,1,1,2-Tetrachloroethane	ND	2.11	µg/kg	03/05/2005	
1,1,1-Trichloroethane	ND	2.11	µg/kg	03/05/2005	
1,1,2,2-Tetrachloroethane	ND	2.11	µg/kg	03/05/2005	
1,1,2-Trichloroethane	ND	2.11	µg/kg	03/05/2005	
1,1-Dichloroethane	ND	2.11	µg/kg	03/05/2005	
1,1-Dichloroethene	ND	2.11	µg/kg	03/05/2005	
1,1-Dichloropropene	ND	2.11	µg/kg	03/05/2005	
1,2,3-Trichlorobenzene	ND	2.11	µg/kg	03/05/2005	
1,2,3-Trichloropropane	ND	2.11	µg/kg	03/05/2005	
1,2,4-Trichlorobenzene	ND	2.11	µg/kg	03/05/2005	
1,2,4-Trimethylbenzene	ND	2.11	µg/kg	03/05/2005	
1,2-Dibromo-3-chloropropane	ND	2.11	µg/kg	03/05/2005	
1,2-Dibromoethane	ND	2.11	µg/kg	03/05/2005	
1,2-Dichlorobenzene	ND	2.11	µg/kg	03/05/2005	
1,2-Dichloroethane	ND	2.11	µg/kg	03/05/2005	
1,2-Dichloropropane	ND	2.11	µg/kg	03/05/2005	
1,3,5-Trimethylbenzene	ND	2.11	µg/kg	03/05/2005	
1,3-Dichlorobenzene	ND	2.11	µg/kg	03/05/2005	
1,3-Dichloropropane	ND	2.11	µg/kg	03/05/2005	
1,4-Dichlorobenzene	ND	2.11	µg/kg	03/05/2005	
2,2-Dichloropropane	ND	2.11	µg/kg	03/05/2005	
2-Butanone	ND	2.11	µg/kg	03/05/2005	
2-Chloroethylvinylether	ND	2.11	µg/kg	03/05/2005	
2-Chlorotoluene	ND	2.11	µg/kg	03/05/2005	
2-Hexanone	ND	2.11	µg/kg	03/05/2005	
4-Chlorotoluene	ND	2.11	µg/kg	03/05/2005	
4-Isopropyltoluene	ND	2.11	µg/kg	03/05/2005	
4-Methyl-2-pentanone	ND	2.11	µg/kg	03/05/2005	
Acetone	18.3	10.6	µg/kg	03/05/2005	
Benzene	ND	2.11	µg/kg	03/05/2005	
Bromobenzene	ND	2.11	µg/kg	03/05/2005	
Bromochloromethane	ND	2.11	µg/kg	03/05/2005	
Bromodichloromethane	ND	2.11	µg/kg	03/05/2005	
Bromoform	ND	2.11	µg/kg	03/05/2005	
Bromomethane	ND	2.11	µg/kg	03/05/2005	
Carbon Disulfide	ND	2.11	µg/kg	03/05/2005	
Carbon Tetrachloride	ND	2.11	µg/kg	03/05/2005	
Chlorobenzene	ND	2.11	µg/kg	03/05/2005	
Chloroethane	ND	2.11	µg/kg	03/05/2005	

2190 Technology Drive • Schenectady, NY 12308 • Phone: 518 346 4592 Fax: 518 381 6055 • Email: information@nealab.com

NEA
NORTHEAST ANALYTICAL LABS

CERTIFICATE OF ANALYSIS
03/09/2005

NORTHEASTERN ENVIROMENTAL TECH
1476 **ROUTE 50**
BALLSTON SPA, NY 12020
CONIACI: IODD SCOIT

CUSIOMER ID: GP-5
NEA ID: AI01639
MATRIX: SOIL
DATE SAMPLED: 02/28/2005 **TIME:** 14:30
DATE RECEIVED: 03/04/2005 **TIME:** 11:20
PROJECI: **BIG-N**
SAMPLED BY: T **SCOTT**
LOCAIION: **SCHENECTADY,** NY
CUSTOMER PO: N/A
LAB ELAP #: 11078

PARAMEIER PERFORMED	RESULIS	PQL	UNIIS	DAIE COMPLEIED	FLAGS
Chloroform	ND	2.11	µg/kg	03/05/2005	
Chloromethane	ND	2.11	µg/kg	03/05/2005	
cis-1,2-Dichloroethene	ND	2.11	µg/kg	03/05/2005	
cis-1,3-Dichloropropene	ND	2.11	µg/kg	03/05/2005	
Dibromochloromethane	ND	2.11	µg/kg	03/05/2005	
Dibromomethane	ND	2.11	µg/kg	03/05/2005	
Dichlorodifluoromethane	ND	2.11	µg/kg	03/05/2005	
Ethylbenzene	ND	2.11	µg/kg	03/05/2005	
Hexachlorobutadiene	ND	2.11	µg/kg	03/05/2005	
Isopropylbenzene	17.1	2.11	µg/kg	03/05/2005	
m&p-Xylene	ND	2.11	µg/kg	03/05/2005	
Methylene Chloride	ND	2.11	µg/kg	03/05/2005	
MTBE	ND	2.11	µg/kg	03/05/2005	
n-Butylbenzene	ND	2.11	µg/kg	03/05/2005	
n-Propylbenzene	12.2	2.11	µg/kg	03/05/2005	
Naphthalene	ND	2.11	µg/kg	03/05/2005	
o-Xylene	ND	2.11	µg/kg	03/05/2005	
sec-Butylbenzene	35.6	2.11	µg/kg	03/05/2005	
Styrene	ND	2.11	µg/kg	03/05/2005	
tert-Butylbenzene	ND	2.11	µg/kg	03/05/2005	
Tetrachloroethene	ND	2.11	µg/kg	03/05/2005	
Toluene	ND	2.11	µg/kg	03/05/2005	
trans-1,2-Dichloroethene	ND	2.11	µg/kg	03/05/2005	
trans-1,3-Dichloropropene	ND	2.11	µg/kg	03/05/2005	
Irichloroethene	ND	2.11	µg/kg	03/05/2005	
Trichlorofluoromethane	ND	2.11	µg/kg	03/05/2005	
Vinyl Acetate	ND	2.11	µg/kg	03/05/2005	
Vinyl Chloride	ND	2.11	µg/kg	03/05/2005	

Note: There were **many** non-target peaks

Note: ND (Not Detected) Denotes analyte not detected at a concentlation greater than the **POI**
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

Northeast Analytical, Inc
Robert E Wagner, Laboratory Director

2190 Technology Drive • Schenectady, NY 12308. Phone: 518 346 4592 Fax: 518 381 6055 • Email: information@nealab.com

NEA
NORTHEAST ANALYTICAL LABS

CERIIFICATE OF ANALYSIS
0310912005

NORTHEASTERN ENVIROMENTAL TECH
1476 ROUIE 50
BALLSION SPA, NY 12020
CONIACI: **IODD SCOTT**

CUSTOMER ID:	GP-16	**NEA ID:**	AI01640
MAIRIX:	SOIL	**DAIE SAMPLED:**	03/02/2005 **TIME:** 15:30
DAIE RECEIVED:	03/04/2005 **TIME:** 11:20	**PROJECT:**	**BIG-N**
SAMPLED BY:	T SCOTT	**LOCAIION:**	SCHENECTADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMEIER PERFORMED	RESULTS	PQL	UNIIS	DAIE COMPLEIED	FLAGS
EPA Method **8260B**					
1,1,1,2-Tetrachloroethane	ND	118	µg/kg	03/04/2005	
1,1,1-Trichloroethane	ND	118	µg/kg	03/04/2005	
1,1,2,2-Tetrachloroethane	ND	118	µg/kg	03/04/2005	
1,1,2-Trichloroethane	ND	118	µg/kg	03/04/2005	
1,1-Dichloroethane	ND	118	µg/kg	03/04/2005	
1,1-Dichloroethene	ND	118	µg/kg	03/04/2005	
1,1-Dichloropropene	ND	118	µg/kg	03/04/2005	
1,2,3-Trichlorobenzene	ND	118	µg/kg	03/04/2005	
1,2,3-Trichloropropane	ND	118	µg/kg	03/04/2005	
1,2,4-Trichlorobenzene	ND	118	µg/kg	03/04/2005	
1,2,4-Trimethylbenzene	878	118	µg/kg	03/04/2005	
1,2-Dibromo-3-chloropropane	ND	118	µg/kg	03/04/2005	
1,2-Dibromoethane	ND	118	µg/kg	03/04/2005	
1,2-Dichlorobenzene	ND	118	µg/kg	03/04/2005	
1,2-Dichloroethane	ND	118	µg/kg	03/04/2005	
1,2-Dichloropropane	ND	118	µg/kg	03/04/2005	
1,3,5-Trimethylbenzene	280	118	µg/kg	03/04/2005	
1,3-Dichlorobenzene	306	118	µg/kg	03/04/2005	
1,3-Dichloropropane	ND	118	µg/kg	03/04/2005	
1,4-Dichlorobenzene	691	118	µg/kg	03/04/2005	
2,2-Dichloropropane	ND	118	µg/kg	03/04/2005	
2-Butanone	ND	118	µg/kg	03/04/2005	
2-Chloroethylvinylether	ND	118	µg/kg	03/04/2005	
2-Chlorotoluene	ND	118	µg/kg	03/04/2005	
2-Hexanone	ND	118	µg/kg	03/04/2005	
4-Chlorotoluene	ND	118	µg/kg	03/04/2005	
4-Isopropyltoluene	251	118	µg/kg	03/04/2005	
4-Methyl-2-pentanone	ND	118	µg/kg	03/04/2005	
Acetone	ND	590	µg/kg	03/04/2005	
Benzene	ND	118	µg/kg	03/04/2005	
Bromobenzene	ND	118	µg/kg	03/04/2005	
Bromochloromethane	ND	118	µg/kg	03/04/2005	
Bromodichloromethane	ND	118	µg/kg	03/04/2005	
Bromoform	ND	118	µg/kg	03/04/2005	
Bromomethane	ND	118	µg/kg	03/04/2005	
Carbon Disulfide	ND	118	µg/kg	03/04/2005	
Carbon Tetrachloride	ND	118	µg/kg	03/04/2005	
Chlorobenzene	1990	118	µg/kg	03/04/2005	
Chloroethane	ND	118	µg/kg	03/04/2005	

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03/09/2005

NORIHEASIERN ENVIROMENIAL TECH
1476 ROUTE 50
BALLSTON SPA, NY 12020
CONIACI: IODDSCOII

CUSTOMER ID:	GP-16	**NEA ID:**	AI01640
MATRIX:	**SOIL**	**DATE SAMPLED:**	**0310212005 TIME: 15:30**
DATE RECEIVED:	**0310412005 TIME:** 11.20	**PROJECI:**	BIG-N
SAMPLED BY.	T SCOTT	**LOCATION:**	**SCHENECTADY, NY**
CUSTOMER PO:	**NIA**	**LAB ELAP #:**	11078

PARAMEIER PERFORMED	RESULTS	PQL	UNITS	DAIE COMPLEIED	FLAGS
Chloroform	ND	118	µg/kg	03/04/2005	
Chloromethane	ND	118	µg/kg	03/04/2005	
cis-1,2-Dichloroethene	ND	118	µg/kg	03/04/2005	
cis-1,3-Dichloropropene	ND	118	µg/kg	03/04/2005	
Dibromochloromethane	ND	118	µg/kg	03/04/2005	
Dibromomethane	ND	118	µg/kg	03/04/2005	
Dichlorodifluoromethane	ND	118	µg/kg	03/04/2005	
Ethylbenzene	ND	118	µg/kg	03/04/2005	
Hexachlorobutadiene	ND	118	µg/kg	03/04/2005	
Isopropylbenzene	ND	118	µg/kg	03/04/2005	
m&p-Xylene	443	118	µg/kg	03/04/2005	
Methylene Chloride	ND	118	µg/kg	03/04/2005	
MTBE	ND	118	µg/kg	03/04/2005	
n-Butylbenzene	ND	118	µg/kg	03/04/2005	
n-Propylbenzene	141	118	µg/kg	03/04/2005	
Naphthalene	41000	1180	µg/kg	03/04/2005	
o-Xylene	233	118	µg/kg	03/04/2005	
sec-Butylbenzene	ND	118	µg/kg	03/04/2005	
Styrene	ND	118	µg/kg	03/04/2005	
tert-Butylbenzene	ND	118	µg/kg	03/04/2005	
Tetrachloroethene	ND	118	µg/kg	03/04/2005	
Toluene	ND	118	µg/kg	03/04/2005	
trans-1,2-Dichloroethene	ND	118	µg/kg	03/04/2005	
trans-1,3-Dichloropropene	ND	118	µg/kg	03/04/2005	
Trichloroethene	ND	118	µg/kg	03/04/2005	
Trichlorofluoromethane	ND	118	µg/kg	03/04/2005	
Vinyl Acetate	ND	118	µg/kg	03/04/2005	
Vinyl Chloride	ND	118	µg/kg	03/04/2005	

Note: There were many non-target peaks

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

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Robert E Wagner, Laboratory Director

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03/09/2005

NORIHEASIERN ENVIROMENIAL IECH
1476 **ROUTE** 50
BALLSTON SPA, NY 12020
CONIACI: IODDSCOII

CUSTOMER ID:	GP-17	**NEA ID:**	AI01641
MATRIX :	**SOIL**	**DAIE SAMPLED:**	03/02/2005 **TIME:** 15:45
DAIE RECEIVED:	03/04/2005 **TIME:** 11:20	**PROJECI:**	BIG-N
SAMPLED BY:	T **SCOII**	**LOCATION:**	**SCHENECTADY,** NY
CUSIOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMEIER PERFORMED	RESULTS	PQL	UNIIS	DAIE COMPLEIED	FLAGS
EPA Method 8260B					
1,1,1,2-Tetrachloroethane	ND	99 4	µg/kg	03/04/2005	
1,1,1-Trichloroethane	ND	99 4	µg/kg	03/04/2005	
1,1,2,2-Tetrachloroethane	ND	99 4	µg/kg	03/04/2005	
1,1,2-Trichloroethane	ND	99 4	µg/kg	03/04/2005	
1,1-Dichloroethane	ND	99 4	µg/kg	03/04/2005	
1,1-Dichloroethene	ND	99 4	µg/kg	03/04/2005	
1,1-Dichloropropene	ND	99 4	µg/kg	03/04/2005	
1,2,3-Trichlorobenzene	ND	99 4	µg/kg	03/04/2005	
1,2,3-Trichloropropane	ND	99 4	µg/kg	03/04/2005	
1,2,4-Trichlorobenzene	ND	99 4	µg/kg	03/04/2005	
1,2,4-Trimethylbenzene	433	99 4	µg/kg	03/04/2005	
1,2-Dibromo-3-chloropropane	ND	99 4	µg/kg	03/04/2005	
1,2-Dibromoethane	ND	99 4	µg/kg	03/04/2005	
1,2-Dichlorobenzene	ND	99 4	µg/kg	03/04/2005	
1,2-Dichloroethane	ND	99 4	µg/kg	03/04/2005	
1,2-Dichloropropane	ND	99 4	µg/kg	03/04/2005	
1,3,5-Trimethylbenzene	183	99 4	µg/kg	03/04/2005	
1,3-Dichlorobenzene	ND	99 4	µg/kg	03/04/2005	
1,3-Dichloropropane	ND	99 4	µg/kg	03/04/2005	
1,4-Dichlorobenzene	ND	99 4	µg/kg	03/04/2005	
2,2-Dichloropropane	ND	99 4	µg/kg	03/04/2005	
2-Butanone	ND	99 4	µg/kg	03/04/2005	
2-Chloroethylvinylether	ND	99 4	µg/kg	03/04/2005	
2-Chlorotoluene	ND	99 4	µg/kg	03/04/2005	
2-Hexanone	ND	99 4	µg/kg	03/04/2005	
4-Chlorotoluene	ND	99 4	µg/kg	03/04/2005	
4-lsopropyltoluene	429	99 4	µg/kg	03/04/2005	
4-Methyl-2-pentanone	ND	99 4	µg/kg	03/04/2005	
Acetone	ND	497	µg/kg	03/04/2005	
Benzene	ND	99 4	µg/kg	03/04/2005	
Bromobenzene	ND	99 4	µg/kg	03/04/2005	
Bromochloromethane	ND	99 4	µg/kg	03/04/2005	
Bromodichloromethane	ND	99 4	µg/kg	03/04/2005	
Bromoform	ND	99 4	µg/kg	03/04/2005	
Bromomethane	ND	99 4	µg/kg	03/04/2005	
Carbon Disulfide	ND	99 4	µg/kg	03/04/2005	
Carbon Tetrachloride	ND	99 4	µg/kg	03/04/2005	
Chlorobenzene	ND	99 4	µg/kg	03/04/2005	
Chloroethane	ND	99 4	µg/kg	03/04/2005	

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03/09/2005

NORTHEASIERN ENVIROMENIAL TECH
1476 ROUTE **50**
BALLSION SPA, NY **12020**
CONIACI: IODD **SCOTT**

CUSIOMER ID: GP-17
MATRIX: SOIL
DAIE RECEIVED: 03/04/2005 TIME: 11 20
SAMPLED BY: I SCOT'I
CUSIOMER PO: N/A

NEA ID: AI01641
DATE SAMPLED: 03/02/2005 IIME: 15:45
PROJECI: BIG-N
LOCATION: SCHENECIADY, NY
LAB ELAP #: 11078

PARAMEIER PERFORMED	RESULIS	PQL	UNIIS	DAIE COMPLEIED	FLAGS
Chloroform	ND	99 4	µg/kg	03/04/2005	
Chloromethane	ND	99 4	µg/kg	03/04/2005	
cis-1,2-Dichloroethene	ND	99.4	µg/kg	03/04/2005	
cis-1,3-Dichloropropene	ND	99.4	µg/kg	03/04/2005	
Dibromochloromethane	ND	99 4	µg/kg	03/04/2005	
Dihromomethane	ND	99.4	µg/kg	03/04/2005	
Dichlorodifluoromethane	ND	99 4	µg/kg	03/04/2005	
Ethylbenzene	ND	99 4	µg/kg	03/04/2005	
Hexachlorohutadiene	ND	99 4	µg/kg	03/04/2005	
Isopropylbenzene	ND	99 4	µg/kg	03/04/2005	
m&p-Xylene	ND	99 4	µg/kg	03/04/2005	
Methylene Chloride	ND	99 4	µg/kg	03/04/2005	
MIBE	ND	99 4	µg/kg	03/04/2005	
n-Butylbenzene	1070	99 4	µg/kg	03/04/2005	
n-Ptopylbenzene	618	99 4	µg/kg	03/04/2005	
Naphthalene	762	99 4	µg/kg	03/04/2005	
o-Xylene	ND	99 4	µg/kg	03/04/2005	
sec-Butylbenzene	524	99 4	µg/kg	03/04/2005	
Styrene	ND	99.4	µg/kg	03/04/2005	
tert-Butylbenzene	ND	99 4	µg/kg	03/04/2005	
Tetrachloroethene	ND	99 4	µg/kg	03/04/2005	
Toluene	ND	99 4	µg/kg	03/04/2005	
trans-1,2-Dichloroethene	ND	99 4	µg/kg	03/04/2005	
trans-1,3-Dichloropropene	ND	99 4	µg/kg	03/04/2005	
Trichloroethene	ND	99 4	µg/kg	03/04/2005	
Trichlorofluoromethane	ND	99.4	µg/kg	03/04/2005	
Vinyl Acetate	ND	99 4	µg/kg	03/04/2005	
Vinyl Chloride	ND	99.4	µg/kg	03/04/2005	

Note: There were many non-target peaks

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the **PQL**
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

Northeast Analytical, Inc
Robert E Wagner, Laboratory Director

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CERTIFICATE OF ANALYSIS
0310912005

NORIHEASTERN ENVIROMENTAL TECH
1476 ROUIE 50
BALLSION SPA, NY 12020
CONIACI: TODD SCOTT

CUSTOMER ID:	COMP 1	**NEA ID:**	AI01642
MAIRIX :	**SOIL**	**DATE SAMPLED:**	**0.310212005** **TIME:** 16:00
DATE RECEIVED:	**0.310412005** **IIME:** 11:20	**PROJECI:**	**BIG-N**
SAMPLED BY:	**I** SCOTT	**LOCATION:**	**SCHENECTADY,** NY
CUSIOMER PO:	N/A	**LAB ELAP #:**	**11078**

PARAMEIER PERFORMED	RESULIS	PQL	UNITS	DAIE COMPLEIED	FLAGS
EPA Method **8260B**					
1,1,1,2-Tetrachloroethane	ND	2.09	µg/kg	03/04/2005	
1,1,1-Trichloroethane	ND	2.09	µg/kg	03/04/2005	
1,1,2,2-Tetrachloroethane	ND	2 09	µg/kg	03/04/2005	
1,1,2-Irichloroethane	ND	2 09	µg/kg	03/04/2005	
1,1-Dichloroethane	ND	2.09	µg/kg	03/04/2005	
1,1-Dichloroethene	ND	2 09	µg/kg	03/04/2005	
1,1-Dichloropropene	ND	2 09	µg/kg	03/04/2005	
1,2,3-Trichlorobenzene	ND	2.09	µg/kg	03/04/2005	
1,2,3-Trichloropropane	ND	2.09	µg/kg	03/04/2005	
1,2,4-Trichlorobenzene	ND	2 09	µg/kg	03/04/2005	
1,2,4-Trimethylbenzene	ND	2.09	µg/kg	03/04/2005	
1,2-Dibromo-3-chloropropane	ND	2.09	µg/kg	03/04/2005	
1,2-Dibromoethane	ND	2 09	µg/kg	03/04/2005	
1,2-Dichlorobenzene	ND	2 09	µg/kg	03/04/2005	
1,2-Dichloroethane	ND	2.09	µg/kg	03/04/2005	
1,2-Dichloropropane	ND	2.09	µg/kg	03/04/2005	
1,3,5-Trimethylbenzene	ND	2 09	µg/kg	03/04/2005	
1,3-Dichlorobenzene	ND	2.09	µg/kg	03/04/2005	
1,3-Dichloropropane	ND	2 09	µg/kg	03/04/2005	
1,4-Dichlorobenzene	ND	2 09	µg/kg	03/04/2005	
2,2-Dichloropropane	ND	2 09	µg/kg	03/04/2005	
2-Butanone	ND	2 09	µg/kg	03/04/2005	
2-Chlosoethylvinylether	ND	2 09	µg/kg	03/04/2005	
2-Chlorotoluene	ND	2.09	µg/kg	03/04/2005	
2-Hexanone	ND	2 09	µg/kg	03/04/2005	
4-Chlorotoluene	ND	2 09	µg/kg	03/04/2005	
4-Isopropyltoluene	ND	2.09	µg/kg	03/04/2005	
4-Methyl-2-pentanone	ND	2.09	µg/kg	03/04/2005	
Acetone	ND	10 4	µg/kg	03/04/2005	
Benzene	ND	2 09	µg/kg	03/04/2005	
Bromobenzene	ND	2 09	µg/kg	03/04/2005	
Bromochloromethane	ND	2 09	µg/kg	03/04/2005	
Bromodichloromethane	ND	2 09	µg/kg	03/04/2005	
Bromoform	ND	2 09	µg/kg	03/04/2005	
Bromomethane	ND	2 09	µg/kg	03/04/2005	
Carbon Disulfide	ND	2 09	µg/kg	03/04/2005	
Carbon Tetrachloride	ND	2 09	µg/kg	03/04/2005	
Chlorobenzene	ND	2 09	µg/kg	03/04/2005	
Chloroethane	ND	2.09	µg/kg	03/04/2005	

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03/09/2005

NORTHEASTERN ENVIROMENTAL IECH
14'76 ROUTE 50
BALLSION SPA, NY 12020
CONTACT: TODD SCOTT

CUSTOMER ID: COMP 1 **NEA UP:** AI01642

MAIRIX : SOIL **DAIE SAMPLED:** 0310212005 **TIME:** 16:00

DATE RECEIVED: 03/04/2005 **TIME:** 11 20 **PROJECT:** BIG-N

SAMPLED BY: T SCOTT **LOCAIION:** SCHENECIADY, NY

CUSTOMER PO: NIA **LAB ELAP #:** 11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DAIE COMPLEIED	FLAGS
Chlorofotm	ND	2.09	µg/kg	03/04/2005	
Chloromethane	ND	2.09	µg/kg	03/04/2005	
cis-1,2-Dichloraethene	ND	2.09	µg/kg	03/04/2005	
cis-1,3-Dichloropropene	ND	2.09	µg/kg	03/04/2005	
Dibromochloromethane	ND	2.09	µg/kg	03/04/2005	
Dibramomethane	ND	2.09	µg/kg	03/04/2005	
Dichlorodifluoromethane	ND	2.09	µg/kg	03/04/2005	
Ethylbenzene	ND	2.09	µg/kg	03/04/2005	
Hexachlorobutadiene	ND	2.09	µg/kg	03/04/2005	
Isopropylbenzene	ND	2.09	µg/kg	03/04/2005	
m&p-Xylene	ND	2.09	µg/kg	03/04/2005	
Methylene Chloride	ND	2.09	µg/kg	03/04/2005	
MTBE	ND	2.09	µg/kg	03/04/2005	
n-Butylbenzene	ND	2.09	µg/kg	03/04/2005	
n-Propylbenzene	ND	2.09	µg/kg	03/04/2005	
Naphthalene	3.51	2.09	µg/kg	03/04/2005	
o-Xylene	ND	2.09	µg/kg	03/04/2005	
sec-Butylbenzene	ND	2.09	µg/kg	03/04/2005	
Styrene	ND	2.09	µg/kg	03/04/2005	
tert-Butylbenzene	ND	2.09	µg/kg	03/04/2005	
Iehachloroethene	ND	2.09	µg/kg	03/04/2005	
Ioluene	ND	2.09	µg/kg	03/04/2005	
trans-1,2-Dichloroethene	ND	2.09	µg/kg	03/04/2005	
trans-1,3-Dichloropropene	ND	2.09	µg/kg	03/04/2005	
Trichloroethene	ND	2.09	µg/kg	03/04/2005	
Trichlorafluoromethane	ND	2.09	µg/kg	03/04/2005	
Vinyl Acetate	ND	2.09	µg/kg	03/04/2005	
Vinyl Chloride	ND	2.09	µg/kg	03/04/2005	

Note: There were no non-target peaks

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQI
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

Northeast Analytical, Inc
Robert E Wagner, Laboratory Director

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NORTHEAST ANALYTICAL LABS

CERTIFICATE OF ANALYSIS
03/09/2005

NORTHEASTERN ENVIROMENTAL TECH
14'76ROUIE 50
BALLSION SPA, NY 12020
CONIACI: IODDSCOII

CUSTOMER ID:	**COMP 2**	**NEA ID:**	AI01643
MAIRIX :	**SOIL**	**DATE SAMPLED:** 03/02/2005	**TIME:** 15:00
DAIE RECEIVED:	03/04/2005 **TIME;:** 11:20	**PROJECT:**	BIG-N
SAMPLED BY:	T **SCOI'T**	**LOCAIION:**	**SCHENECIADY,** NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	**11078**

PARAMETER PERFORMED	RESULTS	PQL	UNIIS	DAIE COMPLETED	FLAGS
EPA Method 8260B					
1,1,1,2-Tetrachloroethane	ND	2.30	µg/kg	03/05/2005	
1,1,1-Trichloroethane	ND	2.30	µg/kg	03/05/2005	
1,1,2,2-Tetrachloroethane	ND	2.30	µg/kg	03/05/2005	
1,1,2-Trichloroethane	ND	2.30	µg/kg	03/05/2005	
1,1-Dichloroethane	ND	2.30	µg/kg	03/05/2005	
1,1-Dichloroethene	ND	2.30	µg/kg	03/05/2005	
1,1-Dichloropropene	ND	2.30	µg/kg	03/05/2005	
1,2,3-Trichlorobenzene	ND	2.30	µg/kg	03/05/2005	
1,2,3-Trichloropropane	ND	2.30	µg/kg	03/05/2005	
1,2,4-Trichlorobenzene	ND	2.30	µg/kg	03/05/2005	
1,2,4-Trimethylbenzene	ND	2.30	µg/kg	03/05/2005	
1,2-Dibromo-3-chloropropane	ND	2.30	µg/kg	03/05/2005	
1,2-Dibromoethane	ND	2.30	µg/kg	03/05/2005	
1,2-Dichlorobenzene	ND	2.30	µg/kg	03/05/2005	
1,2-Dichloroethane	ND	2.30	µg/kg	03/05/2005	
1,2-Dichloropropane	ND	2.30	µg/kg	03/05/2005	
1,3,5-Trimethylbenzene	ND	2.30	µg/kg	03/05/2005	
1,3-Dichlorobenzene	ND	2.30	µg/kg	03/05/2005	
1,3-Dichloropropane	ND	2.30	µg/kg	03/05/2005	
1,4-Dichlorobenzene	ND	2.30	µg/kg	03/05/2005	
2,2-Dichloropropane	ND	2.30	µg/kg	03/05/2005	
2-Butanone	ND	2.30	µg/kg	03/05/2005	
2-Chloroethylvinylether	ND	2.30	µg/kg	03/05/2005	
2-Chlorotoluene	ND	2.30	µg/kg	03/05/2005	
2-Hexanone	ND	2.30	µg/kg	03/05/2005	
4-Chlorotoluene	ND	2.30	µg/kg	03/05/2005	
4-Isopropyltoluene	ND	2.30	µg/kg	03/05/2005	
4-Methyl-2-pentanone	ND	2.30	µg/kg	03/05/2005	
Acetone	43.9	11.5	µg/kg	03/05/2005	
Benzene	ND	2.30	µg/kg	03/05/2005	
Bromobenzene	ND	2.30	µg/kg	03/05/2005	
Bromochloromethane	ND	2.30	µg/kg	03/05/2005	
Bromodichloromethane	ND	2.30	µg/kg	03/05/2005	
Bromoform	ND	2.30	µg/kg	03/05/2005	
Bromomethane	ND	2.30	µg/kg	03/05/2005	
Carbon Disulfide	ND	2.30	µg/kg	03/05/2005	
Carbon Tetrachloride	ND	2.30	µg/kg	03/05/2005	
Chlorobenzene	ND	2.30	µg/kg	03/05/2005	
Chloroethane	ND	2.30	µg/kg	03/05/2005	

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03/09/2005

NORTHEASTERN ENVIROMENIAL IECH
1476 ROUIE 50
BALLSIION SPA, NY 12020
CONIACI: IODDSCOII

CUSIOMER ID: COMP 2 **NEA ID:** AI01643

MAIRIX : SOIL **DAIE SAMPLED:** 03/02/2005 **TIME:** 15:00

DATE RECEIVED: 03/04/2005 **TIME:** 11.20 **PROJECT:** BIG-N

SAMPLED BY: T SCOTT **LOCATION:** SCHENECTADY, NY

CUSIOMER PO: N/A **LAB ELAP #:** 11078

PARAMEIER PERFORMED	RESULIS	PQL	UNIIS	DAIE COMPLEIED	FLAGS
Chloroform	ND	2.30	µg/kg	03/05/2005	
Chloromethane	ND	2.30	µg/kg	03/05/2005	
cis-1,2-Dichloroethene	ND	2 30	µg/kg	03/05/2005	
cis-1,3-Dichloropropene	ND	2.30	µg/kg	03/05/2005	
Dibromochloromethane	ND	2 30	µg/kg	03/05/2005	
Dibromomethane	ND	2 30	µg/kg	03/05/2005	
Dichlorodifluoromethane	ND	2 30	µg/kg	03/05/2005	
Ethylbenzene	ND	2 30	µg/kg	03/05/2005	
Hexachlorobutadiene	ND	2 30	µg/kg	03/05/2005	
Isopropylbenzene	ND	2 30	µg/kg	03/05/2005	
m&p-Xylene	ND	2 30	µg/kg	03/05/2005	
Methylene Chloride	ND	2 30	µg/kg	03/05/2005	
MIBE	ND	2.30	µg/kg	03/05/2005	
n-Butylbenzene	ND	2.30	µg/kg	03/05/2005	
n-Propylbenzene	ND	2.30	µg/kg	03/05/2005	
Naphthalene	ND	2 30	µg/kg	03/05/2005	
o-Xylene	ND	2 30	µg/kg	03/05/2005	
sec-Butylbenzene	ND	2 30	µg/kg	03/05/2005	
Styrene	ND	2.30	µg/kg	03/05/2005	
tert-Butylbenzene	ND	2 30	µg/kg	03/05/2005	
Iehachloroethene	ND	2 30	µg/kg	03/05/2005	
Toluene	ND	2 30	µg/kg	03/05/2005	
trans-1,2-Dichloroethene	ND	2 30	µg/kg	03/05/2005	
trans-1,3-Dichloropropene	ND	2.30	µg/kg	03/05/2005	
Trichloroethene	ND	2.30	µg/kg	03/05/2005	
Trichlorofluoromethane	ND	2 30	µg/kg	03/05/2005	
Vinyl Acetate	ND	2.30	µg/kg	03/05/2005	
Vinyl Chloride	ND	2 30	µg/kg	03/05/2005	

Note: Ihere were no non-target peaks

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

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EPA METHOD 8270 (BASE / NEUTRAL)

NORTHEASTERN
ENVIRONMENTAL
TECHNOLOGIES CORP

SOIL ANALYTICAL DATA (EPA Method 8270 Base / Neutral) Page 1 of 2

Big N Plaza

1520 Maxon Raad Schenectady, New York

Sampled on February 28,2005

PARAMETER	SOIL SAMPLE DESCRIPTION					DEC Req. Soil Cleanup Objective
	GP-5	GP-16	GP-17	Comp 1	Comp 2	
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	3,400
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	7,900
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1,600
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8,500
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	50,000*
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	1,000
2-Chloronaphthalene	ND	ND	ND	ND	ND	50,000*
2-Methylnaphthalene	773	24,200	12,900	ND	ND	36,400
2-Nitroaniline	ND	ND	ND	ND	ND	430 or MDL
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	50,000*
3-Nitroaniline	ND	ND	ND	ND	ND	500 or MDL
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	50,000*
4-Chloroaniline	ND	ND	ND	ND	ND	220 or MDL
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	50,000*
4-Nitroaniline	ND	ND	ND	ND	ND	50,000*
Acenaphthene	ND	49,100	ND	ND	ND	50,000*
Acenaphthylene	ND	4,720	ND	ND	ND	41,000
Anthracene	ND	91,300	1,070	ND	518	50,000*
Benzo(a)anthracene	ND	146,000	ND	2,430	1,230	224 or MDL
Benzo(a)pyrene	ND	124,000	ND	2,220	1,100	61 or MDL
Benzo(b)fluoranthene	ND	152,000	ND	2,750	1,610	1,100
Benzo(g,h,i)perylene	ND	60,700	ND	1,260	616	50,000*
Benzo(k)fluoranthene	ND	47,900	ND	1,060	529	1,100
bis (2-Chloroethoxy) methane	ND	ND	ND	ND	ND	50,000"
bis (2-Chloroethyl) ether	ND	ND	ND	ND	ND	50,000"
bis (2-Chloroisopropyl) ether	ND	ND	ND	ND	ND	50,000*
bis (2-Ethylhexyl) phthalate	ND	ND	ND	ND	ND	50,000*

Notes: All concentrotions are in ug/kg or ppb (parts per billion)

DEC = Required Soil Cleanup Objective, NYSDEC - TAGM - Determination of Soil Cleanup Objectives and Cleanup Levels 1994

*= as per TAGM #4046; Total VOC <= 10ppm; Total SVOC <= 500ppm; Individual SVOC <= 50ppm

SOIL ANALYTICAL DATA (EPA Method 8270 Base / Neutral) Page 2 of 2

Big N Plaza

1520 Maxon Road Schenectady New York

Sampled on February 28,2005

PARAMETER	SOIL SAMPLE DESCRIPTION					DEC Req. Soil Cleanup Objective
	GP-5	GP-16	GP-17	Comp. 1	Comp. 2	
Butylbenzylphthalate	ND	ND	ND	ND	ND	**50,000***
Carbazole	ND	48,500	ND	ND	ND	**50,000***
Chrysene	ND	**135,000**	ND	**2,270**	**1,270**	**400**
Di-n-butyl phthalate	ND	ND	ND	ND	ND	**8,100**
Di-n-octyl phthalate	ND	ND	ND	ND	ND	**50,000***
Dibenz(a,h)anthracene	ND	**19,700**	ND	ND	ND	**14 or MDL**
Dibenzofuran	ND	**41,800**	ND	ND	ND	**6,200**
Diethylphthalate	ND	ND	ND	ND	ND	**7,100**
Dimethylphthalate	ND	ND	ND	ND	ND	**2,000**
Fluoranthene	ND	ND	906	5,480	3,260	**50,000***
Fluorene	ND	**69,000**	984	ND	ND	**50,000***
Hexachlorobenzene	ND	ND	ND	ND	ND	**410**
Hexachlorobutadiene	ND	ND	ND	ND	ND	**50,000***
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	**50,000***
Hexachloroethane	ND	ND	ND	ND	ND	**50,000***
Indeno(1,2,3-cd)pyrene	ND	**62,400**	ND	1,260	593	**3,200**
Isophorone	ND	ND	ND	ND	ND	**4,400**
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	**50,000***
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	**50,000***
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	**50,000***
Naphthalene	ND	**67,100**	ND	ND	ND	**13,000**
Nitrobenzene	ND	ND	ND	ND	ND	**200 or MDL**
Phenanthrene	720	**319,000**	2,330	2,530	2,550	**50,000***
Pyrene	ND	276,000	954	4,790	2,700	**50,000***
Total SVOCs	1,493.0	1,738,420	19.144	26.050	15.976	-----

Notes: All concentrations are in ug/kg or ppb (parts per billion)

DEC = Required Soil Cleanup Objective NYSDEC - TAGM - Determination

of Soil Cleanup Objectives and Cleanup Levels 1994

*= as per TAGM #4046; Total VOC <= 10ppm; Total SVOC <= 500ppm; Individual SVOC <= 50ppm

NORTHEAST ANALYTICAL LABS

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03/11/2005

NORIHEASIERN ENVIROMENTAL TECH
1476 ROUIE 50
BALLSION SPA, NY 12020
CONIACI: IODD SCOTT

CUSTOMER ID:	GP-5	**NEA ID:**	A101639
MATRIX:	SOIL	**DATE SAMPLED:**	0212812005 **TIME:** 14:30
DAIE RECEIVED:	03/04/2005 **IIME:** 11:20	**PROJECT:**	BIG-N
SAMPLED BY.	T SCOIT	**LOCATION:**	SCHENECTADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMEIER PERFORMED	RESULIS	PQL	UNIIS	DAIE ANALYZED	FLAGS
EPA Method 8270C B/N					
1,2,4-Trichlorobenzene	ND	362	µg/kg	03/09/2005	
1,2-Dichlorobenzene	ND	362	µg/kg	03/09/2005	
1,3-Dichlorobenzene	ND	362	µg/kg	03/09/2005	
1,4-Dichlorobenzene	ND	362	µg/kg	03/09/2005	
2,4-Dinitrotoluene	ND	362	µg/kg	03/09/2005	
2,6-Dinitrotoluene	ND	362	µg/kg	03/09/2005	
2-Chloronaphthalene	ND	362	µg/kg	03/09/2005	
2-Methylnaphthalene	773	362	µg/kg	03/09/2005	
2-Nitroaniline	ND	362	µg/kg	03/09/2005	
3,3'-Dichlorobenzidine	ND	362	µg/kg	03/09/2005	
3-Nitroaniline	ND	362	µg/kg	03/09/2005	
4-Bromophenyl-phenylether	ND	362	µg/kg	03/09/2005	
4-Chloroaniline	ND	362	µg/kg	03/09/2005	
4-Chlorophenyl-phenylether	ND	362	µg/kg	03/09/2005	
4-Nitroaniline	ND	362	µg/kg	03/09/2005	
Acenaphthene	ND	362	µg/kg	03/09/2005	
Acenaphthylene	ND	362	µg/kg	03/09/2005	
Anthracene	ND	362	µg/kg	03/09/2005	
Benzo(a)anthracene	ND	362	µg/kg	03/09/2005	
Benzo(a)pyrene	ND	362	µg/kg	03/09/2005	
Benzo(b)fluoranthene	ND	362	µg/kg	03/09/2005	
Benzo(g,h,i)perylene	ND	362	µg/kg	03/09/2005	
Benzo(k)fluoranthene	ND	362	µg/kg	03/09/2005	
bis(2-chloroethoxy)methane	ND	362	µg/kg	03/09/2005	
bis(2-chloroethyl)ether	ND	362	µg/kg	03/09/2005	
bis(2-Chloroisopropyl)ether	ND	362	µg/kg	03/09/2005	
bis(2-Ethylhexyl)phthalate	ND	362	µg/kg	03/09/2005	
Butylbenzylphthalate	ND	362	µg/kg	03/09/2005	
Carbazole	ND	362	µg/kg	03/09/2005	
Chrysene	ND	362	µg/kg	03/09/2005	
Di-n-butylphthalate	ND	362	µg/kg	03/09/2005	
Di-n-octylphthalate	ND	362	µg/kg	03/09/2005	
Dibenz(a,h)anthracene	ND	362	µg/kg	03/09/2005	

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03/11/2005

NORTHEASTERN ENVIROMENIAL IECH
1476 ROUIE 50
BALLSTON SPA, NY 12020
CONIACI: TODD SCOIT

CUSTOMER ID:	GP-5	**NEA ID:**	AI01639
MATRIX:	SOIL	**DATE SAMPLED:**	02/28/2005 **TIME:** 14:30
DAIE RECEIVED:	03/04/2005 **TIME:** 11:20	**PROJECI:**	BIG-N
SAMPLED BY:	T SCOTT	**LOCATION:**	SCHENECTADY, NY
CUSIOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMETER PERFORMED	RESULIS	PQL	UNITS	DAIE ANALYZED	FLAGS
Dibenzofuran	ND	362	µg/kg	03/09/2005	
Diethylphthalate	ND	362	µg/kg	03/09/2005	
Dimethylphthalate	ND	362	µg/kg	03/09/2005	
Fluoranthene	ND	362	µg/kg	03/09/2005	
Fluorene	ND	362	µg/kg	03/09/2005	
Hexachlorobenzene	ND	362	µg/kg	03/09/2005	
Hexachlorobutadiene	ND	362	µg/kg	03/09/2005	
Hexachlorocyclopentadiene	ND	362	µg/kg	03/09/2005	
Hexachloroethane	ND	362	µg/kg	03/09/2005	
Indeno(1,2,3-cd)pyrene	ND	362	µg/kg	03/09/2005	
Isophorone	ND	362	µg/kg	03/09/2005	
N-Nitroso-di-n-propylamine	ND	362	µg/kg	03/09/2005	
N-Nitrosodimethylamine	ND	362	µg/kg	03/09/2005	
N-Nitrosodiphenylamine	ND	362	µg/kg	03/09/2005	
Naphthalene	ND	362	µg/kg	03/09/2005	
Nitrobenzene	ND	362	µg/kg	03/09/2005	
Phenanthrene	720	362	µg/kg	03/09/2005	
Pyrene	ND	362	µg/kg	03/09/2005	

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

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CERTIFICATE OF ANALYSIS
03/11/2005

NORTHEASTERN ENVIROMENTAL IECH
1476 ROUIE 50
BALLSION SPA, NY 12020
CONTACI: IODD SCOTT

CUSTOMER ID:	GP-16	**NEA ID:**	AI01640
MATRIX:	SOIL	**DAIE SAMPLED:**	0310212005 **IIME:** 15:30
DATERECEIVED:	03/04/2005 **TIME:** 11:20	**PROJECT:**	BIG-N
SAMPLED BY:	T SCOTT	**LOCATION:**	**SCHENECTADY, NY**
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMETER PERFORMED	RESULIS	PQL	UNITS	DAIE ANALYZED	FLAGS
EPA Method 8270C B/N					
1,2,4-Trichlorobenzene	ND	825	µg/kg	03/09/2005	
1,2-Dichlorobenzene	ND	825	µg/kg	03/09/2005	
1,3-Dichlorobenzene	ND	825	µg/kg	03/09/2005	
1,4-Dichlorobenzene	ND	825	µg/kg	03/09/2005	
2,4-Dinitrotoluene	ND	825	µg/kg	03/09/2005	
2,6-Dinitrotoluene	ND	825	µg/kg	03/09/2005	
2-Chloronaphthalene	ND	825	µg/kg	03/09/2005	
2-Methylnaphthalene	24200	4130	µg/kg	03/09/2005	
2-Nitroaniline	ND	825	µg/kg	03/09/2005	
3,3'-Dichlorobenzidine	ND	825	µg/kg	03/09/2005	
3-Nitroaniline	ND	825	µg/kg	03/09/2005	
4-Bromophenyl-phenylether	ND	825	µg/kg	03/09/2005	
4-Chloroaniline	ND	825	µg/kg	03/09/2005	
4-Chlorophenyl-phenylether	ND	825	µg/kg	03/09/2005	
4-Nitroaniline	ND	825	µg/kg	03/09/2005	
Acenaphthene	49100	4130	µg/kg	03/09/2005	
Acenaphthylene	4720	825	µg/kg	03/09/2005	
Anthracene	91300	41300	µg/kg	03/09/2005	
Benzo(a)anthracene	146000	41300	µg/kg	03/09/2005	
Benzo(a)pyrene	124000	41300	µg/kg	03/09/2005	
Benzo(b)fluoranthene	152000	41300	µg/kg	03/09/2005	
Benzo(g,h,i)perylene	60700	41300	µg/kg	03/09/2005	
Benzo(k)fluoranthene	47900	4130	µg/kg	03/09/2005	
bis(2-chloroethoxy)methane	ND	825	µg/kg	03/09/2005	
bis(2-chloroethyl)ether	ND	825	µg/kg	03/09/2005	
bis(2-Chloroisopropyl)ether	ND	825	µg/kg	03/09/2005	
bis(2-Ethylhexyl)phthalate	ND	825	µg/kg	03/09/2005	
Butylbenzylphthalate	ND	825	µg/kg	03/09/2005	
Carbazole	48500	825	µg/kg	03/09/2005	
Chrysene	135000	41300	µg/kg	03/09/2005	
Di-n-butylphthalate	ND	825	µg/kg	03/09/2005	
Di-n-octylphthalate	ND	825	µg/kg	03/09/2005	
Dibenz(a,h)anthracene	19700	4130	µg/kg	03/09/2005	

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03/11/2005

NORTHEASTERN ENVIROMENTAL IECH
1476 **ROUTE** 50
BALLSION SPA, NY 12020
CONTACT: TODD SCOTT

CUSTOMER ID:	GP-16	**NEA ID:**	A101640
MATRIX :	SOIL	**DATE SAMPLED:**	03/02/2005 **TIME:** 15:30
DAIE RECEIVED:	03/04/2005 **TIME:** 11:20	**PROJECT:**	BIG-N
SAMPLED BY:	T SCOTT	**LOCAIION:**	SCHENECIADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMEIER PERFORMED	RESULIS	PQL	UNIIS	DAIE ANALYZED	FLAGS
Dibenzofuran	41800	4130	µg/kg	0310912005	
Diethylphthalate	ND	825	µg/kg	0310912005	
Dimethylphthalate	ND	825	µg/kg	0310912005	
Fluoranthene	ND	825	µg/kg	03/09/2005	
Fluorene	69000	41300	µg/kg	0310912005	
Hexachlorobenzene	ND	825	µg/kg	0310912005	
Hexachlorobutadiene	ND	825	µg/kg	0310912005	
Hexachlorocyclopentadiene	ND	825	µg/kg	0310912005	
Hexachloroethane	ND	825	µg/kg	0310912005	
Indeno(1,2,3-cd)pyrene	62400	41300	µg/kg	0310912005	
Isophorone	ND	825		0310912005	
N-Nitroso-di-n-propylamine	ND	825	µg/kg	0310912005	
N-Nitrosodimethylamine	ND	825	µg/kg	03/09/2005	
N-Nitrosodiphenylamine	ND	825	µg/kg	0310912005	
Naphthalene	67100	41300	µg/kg	0310912005	
Nitrobenzene	ND	825	µg/kg	0310912005	
Phenanthrene	319000	41300	µg/kg	0310912005	
Pyrene	276000	41300	µg/kg	0310912005	

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentlation reportable for the sample

AUTHORIZED SIGNATURE:

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03/11/2005

NORIHEASIERN ENVIROMENTAL IECH
1476 ROUTE 50
BALLSTON SPA, NY 12020
CONIACI: IODD SCOTT

CUSIOMERID:	GP-17	**NEA ID:**	AI01641
MATRIX:	SOIL	**DATE SAMPLED:**	0310212005 **TME:** 15:45
DATE RECEIVED:	03/04/2005 **I** **:** 11:20	**PROJECT:**	BIG-N
SAMPLED BY:	I SCOTT	**LOCATION:**	SCHENECIADY, NY
CUSIOMER PO:	NIA	**LAB ELAP #:**	11078

PARAMETER PERFORMED	RESULIS	PQL	UNITS	DAIE ANALYZED	FLAGS
EPA Method 8270C B/N					
1,2,4-Trichlorobenzene	ND	758	µg/kg	03/10/2005	
1,2-Dichlorobenzene	ND	758	µg/kg	03/10/2005	
1,3-Dichlorobenzene	ND	758	µg/kg	03/10/2005	
1,4-Dichlorobenzene	ND	758	µg/kg	03/10/2005	
2,4-Dinitrotoluene	ND	758	µg/kg	03/10/2005	
2,6-Dinitrotoluene	ND	758	µg/kg	03/10/2005	
2-Chloronaphthalene	ND	758	µg/kg	03/10/2005	
2-Methylnaphthalene	12900	1900	µg/kg	03/10/2005	
2-Nitroaniline	ND	758	µg/kg	03/10/2005	
3,3'-Dichlorobenzidine	ND	758	µg/kg	03/10/2005	
3-Nitroaniline	ND	758	µg/kg	03/10/2005	
4-Bromophenyl-phenylether	ND	758	µg/kg	03/10/2005	
4-Chloroaniline	ND	758	µg/kg	03/10/2005	
4-Chlorophenyl-phenylether	ND	758	µg/kg	03/10/2005	
4-Nitroaniline	ND	758	µg/kg	03/10/2005	
Acenaphthene	ND	758	µg/kg	03/10/2005	
Acenaphthylene	ND	758	µg/kg	03/10/2005	
Anthracene	1070	758	µg/kg	03/10/2005	
Benzo(a)anthracene	ND	758	µg/kg	03/10/2005	
Benzo(a)pyrene	ND	758	µg/kg	03/10/2005	
Benzo(b)fluoranthene	ND	758	µg/kg	03/10/2005	
Benzo(g,h,i)perylene	ND	758	µg/kg	03/10/2005	
Benzo(k)fluoranthene	ND	758	µg/kg	03/10/2005	
bis(2-chloroethoxy)methane	ND	758	µg/kg	03/10/2005	
bis(2-chloroethyl)ether	ND	758	µg/kg	03/10/2005	
bis(2-Chloroisopropyl)ether	ND	758	µg/kg	03/10/2005	
bis(2-Ethylhexyl)phthalate	ND	758	µg/kg	03/10/2005	
Butylbenzylphthalate	ND	758	µg/kg	03/10/2005	
Carbazole	ND	758	µg/kg	03/10/2005	
Chrysene	ND	758	µg/kg	03/10/2005	
Di-n-butylphthalate	ND	758	µg/kg	03/10/2005	
Di-n-octylphthalate	ND	758	µg/kg	03/10/2005	
Dibenz(a,h)anthracene	ND	758	µg/kg	03/10/2005	

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NORTHEAST ANALYTICAL LABS

CERTIFICATE OF ANALYSIS
03/11/2005

NORTHEASTERN ENVIROMENTAL IECH
1476 ROUIE 50
BALLSION SPA, NY 12020
CONTACI: IODD SCOTT

CUSTOMER ID:	GP-17	**NEA ID:**	AI01641
MAIRIX:	SOIL	**DAIE SAMPLED:**	0310212005 **TIME:** 15:45
DAIE RECEIVED:	0310412005 **TIME:** 11:20	**PROJECT:**	BIG-N
SAMPLED BY.	I SCOTT	**LOCATION:**	SCHENECTADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMEIER **PERFORMED**	**RESULTS**	**PQL**	**UNITS**	DAIE ANALYZED	FLAGS
Dibenzofuran	ND	758	µg/kg	0311012005	
Diethylphtbalate	ND	'758	µg/kg	0311012005	
Dimethylphthalate	ND	758	µg/kg	0311012005	
Fluoranthene	906	758	µg/kg	0311012005	
Fluorene	984	758	µg/kg	0311012005	
Hexachlorobenzene	ND	758	µg/kg	0311012005	
Hexachlorobutadiene	ND	758	µg/kg	0311012005	
Hexachlorocyclopentadiene	ND	758	µg/kg	0311012005	
Hexachloroethane	ND	758	µg/kg	0311012005	
Indeno(1,2,3-cd)pyrene	ND	758	µg/kg	0311012005	
Isophorone	ND	758	µg/kg	0311012005	
N-Nitroso-di-n-propylamine	ND	758		0311012005	
N-Nitrosodimethylamine	ND	758	µg/kg	0311012005	
N-Nitrosodiphenylamine	ND	758	µg/kg	0311012005	
Naphthalene	ND	758	µg/kg	0311012005	
Nitrobenzene	ND	758	µg/kg	0311012005	
Phenanthrene	2330	758	µg/kg	0311012005	
Pyrene	954	758	µg/kg	0311012005	

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable far the sample

AUTHORIZED SIGNAIURE:

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NORTHEAST ANALYTICAL LABS

CERTIFICATE OF ANALYSIS
03/11/2005

NORTHEASTERN ENVIROMENTAL TECH
1476 ROUTE 50
BALLSTON SPA, NY 12020
CONTACT: TODD SCOTT

CUSTOMER ID:	COMP 1	**NEA ID:**	AI01642
MATRIX:	SOIL	**DATE SAMPLED:**	03/02/2005 **TIME:** 16:00
DATE RECEIVED:	03/04/2005 **TIME:** 11:20	**PROJECT:**	BIG-N
SAMPLED BY:	T SCOTT	**LOCATION:**	SCHENECTADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
EPA Method 8270C B/N					
1,2,4-Trichlorobenzene	ND	755	µg/kg	03/09/2005	
1,2-Dichlorobenzene	ND	755	µg/kg	03/09/2005	
1,3-Dichlorobenzene	ND	755	µg/kg	03/09/2005	
1,4-Dichlorobenzene	ND	755	µg/kg	03/09/2005	
2,4-Dinitrotoluene	ND	755	µg/kg	03/09/2005	
2,6-Dinitrotoluene	ND	755	µg/kg	03/09/2005	
2-Chloronaphthalene	ND	755	µg/kg	03/09/2005	
2-Methylnaphthalene	ND	755	µg/kg	03/09/2005	
2-Nitroaniline	ND	755	µg/kg	03/09/2005	
3,3'-Dichlorobenzidine	ND	755	µg/kg	03/09/2005	
3-Nitroaniline	ND	755	µg/kg	03/09/2005	
4-Bromophenyl-phenylether	ND	755	µg/kg	03/09/2005	
4-Chloroaniline	ND	755	µg/kg	03/09/2005	
4-Chlorophenyl-phenylether	ND	755	µg/kg	03/09/2005	
4-Nitroaniline	ND	755	µg/kg	03/09/2005	
Acenaphthene	ND	755	µg/kg	03/09/2005	
Acenaphthylene	ND	755	µg/kg	03/09/2005	
Anthracene	ND	755	µg/kg	03/09/2005	
Benzo(a)anthracene	2430	755	µg/kg	03/09/2005	
Benzo(a)pyrene	2220	755	µg/kg	03/09/2005	
Benzo(b)fluoranthene	2750	755	µg/kg	03/09/2005	
Benzo(g,h,i)perylene	1260	755	µg/kg	03/09/2005	
Benzo(k)fluoranthene	1060	755	µg/kg	03/09/2005	
bis(2-chloroethoxy)methane	ND	755	µg/kg	03/09/2005	
bis(2-chloroethyl)ether	ND	755	µg/kg	03/09/2005	
bis(2-Chloroisopropyl)ether	ND	755	µg/kg	03/09/2005	
bis(2-Ethylhexyl)phthalate	ND	755	µg/kg	03/09/2005	
Butylbenzylphthalate	ND	755	µg/kg	03/09/2005	
Carbazole	ND	755	µg/kg	03/09/2005	
Chrysene	2270	755	µg/kg	03/09/2005	
Di-n-butylphthalate	ND	755	µg/kg	03/09/2005	
Di-n-octylphthalate	ND	755	µg/kg	03/09/2005	
Dibenz(a,h)anthracene	ND	755	µg/kg	03/09/2005	

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03/11/2005

NORTHEASTERN **ENVIROMENTAL** TECH
1476 ROUTE **50**
BALLSION SPA, NY **12020**
CONTACI: IODD SCOI **I**

CUSTOMER ID:	COMP 1	NEA ID:	AI01642
MATRIX:	SOIL	**DATE** SAMPLED:	03/02/2005 TIME: 16:00
DATE RECEIVED:	03/04/2005 **TIME:** 11:20	PROJECI:	BIG-N
SAMPLED BY:	I SCOTT	LOCAIION:	SCHENECIADY, NY
CUSTOMER PO:	N/A	LAB ELAP #:	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
Dibenzofuran	ND	755	µg/kg	03/09/2005	
Diethylphthalate	ND	755	µg/kg	03/09/2005	
Dimethylphthalate	ND	755	µg/kg	03/09/2005	
Fluoranthene	5480	755	µg/kg	03/09/2005	
Fluorene	ND	755	µg/kg	03/09/2005	
Hexachlorobenzene	ND	755	µg/kg	03/09/2005	
Hexachlorobutadiene	ND	755	µg/kg	03/09/2005	
Hexachlorocyclopentadiene	ND	755	µg/kg	03/09/2005	
Hexachloroethane	ND	755	µg/kg	03/09/2005	
Indeno(1,2,3-cd)pyrene	1260	755	µg/kg	03/09/2005	
Isophorone	ND	755	µg/kg	03/09/2005	
N-Nitroso-di-n-propylamine	ND	755	µg/kg	03/09/2005	
N-Nitrosodimethylamine	ND	755	µg/kg	03/09/2005	
N-Nitrosodiphenylamine	ND	755	µg/kg	03/09/2005	
Naphthalene	ND	755	µg/kg	03/09/2005	
Nitrobenzene	ND	755	µg/kg	03/09/2005	
Phenanthrene	2530	755	µg/kg	03/09/2005	
Pyrene	4790	755	µg/kg	03/09/2005	

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (PracticalQuantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNAIURE:

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NORIHEASIERN ENVIROMENTAL TECH
1476 RQUIE 50
BALLSION SPA, NY 12020
CONIACI: IODD SCOTT

CUSTOMER ID:	**COMP 2**	**NEA ID:**	AI01643
MATRIX:	**SOIL**	**DAIE SAMPLED:**	0'310212005 **TIME:** 15:00
DATE RECEIVED:	0310412005 **TIME:** 11:20	**PROJECT:**	BIG-N
SAMPLED BY:	T SCOTT	**LOCAIION:**	SCHENECIADY, NY
CUSIOMER PO:	NIA	**LAB ELAP #:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
EPA Method 8270C B/N					
1,2,4-Trichlorobenzene	ND	393	µg/kg	03/09/2005	
1,2-Dichlorobenzene	ND	393	µg/kg	03/09/2005	
1,3-Dichlorobenzene	ND	393	µg/kg	03/09/2005	
1,4-Dichlorobenzene	ND	393	µg/kg	03/09/2005	
2,4-Dinitrotoluene	ND	393	µg/kg	03/09/2005	
2,6-Dinitrotoluene	ND	393	µg/kg	03/09/2005	
2-Chloronaphthalene	ND	393	µg/kg	03/09/2005	
2-Methylnaphthalene	ND	393	µg/kg	03/09/2005	
2-Nitroaniline	ND	393	µg/kg	03/09/2005	
3,3'-Dichlorobenzidine	ND	393	µg/kg	03/09/2005	
3-Nitsoaniline	ND	393	µg/kg	03/09/2005	
4-Bsomophenyl-phenylether	ND	393	µg/kg	03/09/2005	
4-Chlosoaniline	ND	393	µg/kg	03/09/2005	
4-Chlorophmyl-phenylether	ND	393	µg/kg	03/09/2005	
4-Nitroaniline	ND	393	µg/kg	03/09/2005	
Acenaphthene	ND	393	µg/kg	03/09/2005	
Acenaphthylene	ND	393	µg/kg	03/09/2005	
Anthracene	518	393	µg/kg	03/09/2005	
Benzo(a)anthracene	1230	393	µg/kg	03/09/2005	
Benzo(a)pyrene	1100	393	µg/kg	03/09/2005	
Benzo(b)fluoranthene	1610	393	µg/kg	03/09/2005	
Benzo(g,h,i)perylene	616	393	µg/kg	03/09/2005	
Benzo(k)fluoranthene	529	393	µg/kg	03/09/2005	
bis(2-chloroethoxy)methane	ND	393	µg/kg	03/09/2005	
bis(2-chloroethyl)ether	ND	393	µg/kg	03/09/2005	
bis(2-Chloroisopropyl)ether	ND	393	µg/kg	03/09/2005	
bis(2-Ethylhexyl)phthalate	ND	393	µg/kg	03/09/2005	
Butylbenzylphthalate	ND	393	µg/kg	03/09/2005	
Carbazole	ND	393	µg/kg	03/09/2005	
Chrysene	1270	393	µg/kg	03/09/2005	
Di-n-butylphthalate	ND	393	µg/kg	03/09/2005	
Di-n-octylphthalate	ND	393	µg/kg	03/09/2005	
Dibenz(a,h)anthracene	ND	393	µg/kg	03/09/2005	

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03/11/2005

NORTHEASTERN ENVIROMENIAL TECH
1476 ROUTE 50
BALLSTON SPA, NY 12020
CONTACT: IODD SCOTT

CUSTOMER ID:	COMP 2	**NEA ID:**	AI01643
MATRIX:	SOIL	**DATE SAMPLED:**	03/02/2005 **TIME:** 15:00
DATE RECEIVED:	03/04/2005 **TIME:** 11:20	**PROJECT:**	**BIG-N**
SAMPLED BY:	T SCOTT	**LOCATION:**	SCHENECIADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
Dibenzofuran	ND	393	µg/kg	03/09/2005	
Diethylphthalate	ND	393	µg/kg	03/09/2005	
Dimethylphthalate	ND	393	µg/kg	03/09/2005	
Fluoranthene	3260	393	µg/kg	03/09/2005	
Fluorene	ND	393	µg/kg	03/09/2005	
Hexachlorobenzene	ND	393	µg/kg	03/09/2005	
Hexachlorobutadiene	ND	393	µg/kg	03/09/2005	
Hexachlorocyclopentadiene	ND	393	µg/kg	03/09/2005	
Hexachloroethane	ND	393	µg/kg	03/09/2005	
Indeno(1,2,3-cd)pyrene	593	393	µg/kg	03/09/2005	
Isophorone	ND	393	µg/kg	03/09/2005	
N-Nitroso-di-n-propylamine	ND	393	µg/kg	03/09/2005	
N-Nitrosodimethylamine	ND	393	µg/kg	03/09/2005	
N-Nitrosodiphenylamine	ND	393	µg/kg	03/09/2005	
Naphthalene	ND	393	µg/kg	03/09/2005	
Nitrobenzene	ND	393	µg/kg	03/09/2005	
Phenanthrene	2550	393	µg/kg	03/09/2005	
Pyrene	2700	393	µg/kg	03/09/2005	

Note: ND (Not Detected) Denotes analyte not detected at a concentntion greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNAIURE:

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Robert E Wagner, Laboratory Director

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RCRA METALS, TOTAL CYANIDE AND HEXAVALANT CHROMIUM

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORP

SOIL ANALYTICAL DATA (RCRA Metals, Total Cyanide, and Hexavalant Chromium)

Big N Plaza

1520 Maxon Road Schenectady, New York

Sampled on February 26,2005

PARAMETER	SOIL SAMPLE DESCRIPTION						Eastern USA Background	DEC Req. Soil Cleanup Objective
	GP-5	GP-15	GP-16	GP-17	Comp. 1	Comp. 2		
Arsenic	5.01	NA	15.20	10.50	8.31	8.19	3 - 12"	75 or SB
Barium	44.70	NA	205.00	38.80	99.90	71.20	15 - 600	300 or SB
Cadmium	ND	NA	0.515	ND	ND	ND	0.1 - 1	1 or SB
Chromium	9.82	NA	66.20	7.29	16.30	11.10	1.5 - 40*	10 or SB
Lead	6.08	NA	318.00	28.10	92.20	41.70	200 - 500**	SB
Mercury	0.0328	NA	0.3630	0.0985	0.4780	0.8580	0.001 - 0.2	0.1
Selenium	ND	NA	ND	ND	ND	ND	0.1 - 3.9	2 or SB
Silver	ND	NA	ND	ND	ND	ND	DA	SB
Total Cyanide	ND	NA	ND	ND	ND	ND	DA	200
Hexavalant Chromium	NA	<0.95	NA	NA	NA	<0.94	1.5 - 40*	10 or SB

Notes: All concentrations in mg/kg or ppm (parts per million)
DEC = Required Soil Cleanup Objective, NYSDEC - TAGM - Determination of Soil Cleanup Objectives and Cleanup Levels, 1994.
* = New York State Background
** = Background levels for lead vary widely. Average levels in undeveloped rural areas ore 4 - 16ppm. Average levels in metropolitan or suburban areas. and near highways ore 200 - 500ppm
SB = Site Background Limit
NA = Not analyzed
DA = Data not available

NEA RCRA METALS REPORT

NORTHEASTERN
ENVIRONMENTAL
TECHNOLOGIES CORP

NORTHEAST ANALYTICAL LABS

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0311012005

NORTHEASTERN ENVIROMENIAL TECH
1476 ROUIE 50
BALLSTON SPA, NY 12020
CONTACT: IODD SCOIT

CUSIOMER ID: GP-5 **NEA ID:** AI01639
MATRIX: **SOIL** **DAIE SAMPLED:** 0212812005 **TIME:** 14:30
DAIE RECEIVED: 03/04/2005 **TME:** 11:20 **PROJECI:** BIG-N
SAMPLED BY: **I SCOTT** **LOCATION:** **SCHENECTADY, NY**
CUSIOMER PO: NIA **LAB ELAP #:** 11078

PARAMETER PERFORMED	MEIHOD	FLAGS	RESULIS	PQL	UNITS	DAIE ANALYZED
Atsenic	SW-846 6010B		5 01	2 16	mg/kg	0311012005
Barium	SW-846 6010B		44 7	0216	mg/kg	0311012005
Cadmium	SW-846 6010B		ND	0216	mg/kg	0311012005
Chromium	SW-846 6010B		9 82	0 539	mg/kg	0311012005
Digestion for Solids	SW-846 3050B		COMPLETED			0310912005
Lead	SW-846 6010B		6 08	1 08	mg/kg	0311012005
Mercury	SW-846 7471A		0 0328	0 0201	mg/kg	0310812005
Selenium	SW-846 6010B		ND	3 24	mg/kg	0311012005
Silver	SW-846 6010B		ND	0 539	mglkg	0311012005

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

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Robert E Wagner, Laboratory Director

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NORTHEASTERN ENVIROMENIAL TECH
1476 ROUTE 50
BALLSION SPA, NY 12020
CONTACT: TODD SCOTT

CUSIOMER ID:	**GP**-16	**NEA** ID:	AI01640
MAIRIX:	SOIL	**DAIE SAMPLED:** 03/02/2005	**TIME:** 15:30
DAIE RECEIVED:	03/04/2005 **TIME:** 11:20	**PROJECT:**	BIG-N
SAMPLED BY:	T SCOT'I	**LOCAIION:**	SCHENECTADY, NY
CUSIOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMETER PERFORMED	METHOD	FLAGS	RESULIS	PQL	UNITS	DATE ANALYZED
Arsenic	SW-846 6010B		15 2	2 42	mg/kg	03/10/2005
Barium	SW-846 6010B		205	0 242	mg/kg	03/10/2005
Cadmium	SW-846 6010B		0 515	0.242	mg/kg	03/10/2005
Chromium	SW-846 6010B		66 2	0 604	mg/kg	03/10/2005
Digestion for Solids	SW-846 3050B		COMPLETED			03/09/2005
Lead	SW-846 6010B		318	1.21	mg/kg	03/10/2005
Mercury	SW-846 7471A		0 363	0 0209	mg/kg	03/08/2005
Selenium	SW-846 6010B		ND	3 62	mg/kg	03/10/2005
Silver	SW-846 6010B		ND	0.604	mg/kg	03/10/2005

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUIHORIZED SIGNATURE:

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Robert E Wagner Laboratory Director

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03/10/2005

NORTHEASTERN ENVIROMENTAL IECH
1476 ROUTE 50
BALLSION SPA, NY 12020
CONTACT: TODD SCOTT

CUSTOMER ID:	GP-17	**NEA ID:**	AI01641
MAIRIX :	SOIL	**DATE SAMPLED:**	0310212005 **TIME:** 15:45
DATE RECEIVED:	03/04/2005 **IIME:** 11:20	**PROJECT:**	BIG-N
SAMPLED BY:	T SCOTT	**LOCAIION:**	SCHENECTADY, NY
CUSIOMER PO:	NIA	**LAB ELAP #:**	11078

PARAMETER PERFORMED	METHOD	FLAGS	RESULTS	PQL	UNITS	DATE ANALYZED
Arsenic	SW-846 6010B		10 5	2.07	mgikg	0311012005
Barium	SW-846 6010B		38 8	0.207	mg/kg	03/10/2005
Cadmium	SW-846 6010B		ND	0.207	mg/kg	0311012005
Chromium	SW-846 6010B		7 29	0.517	mg/kg	0311012005
Digestion for Solids	SW-846 3050B		COMPLETED			0310912005
Lead	SW-846 6010B		28 1	1.03	mg/kg	0311012005
Mercury	SW-846 7471A		0 0985	0.0198	mg/kg	0310812005
Selenium	SW-846 6010B		ND	3.10	mglkg	0311012005
Silver	SW-846 6010B		ND	0 517	mg/kg	0311012005

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation L imit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

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Robert E **Wagner** Laboratory Director

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NORIHEASIERN ENVIROMENTAL TECH
1476 ROUTE 50
BALLSION SPA, NY 12020
CONIACT: IODD SCOII

CUSIOMER ID: COMP 1 **NEA** ID: AI01642
MAIRIX: SOIL **DAIE SAMPLED:** 03/02/2005 **IIME:** 16:00
DATE RECEIVED: 03/04/2005 **TIME:** 11:20 **PROJECT:** BIG-N
SAMPLED BY: T SCOTT **LOCATION:** SCHENECTADY, NY
CUSIOMER PO: N/A **LAB ELAP #:** 110'78

PARAMEIER PERFORMED	MEIHOD	FLAGS	RESULIS	PQL	UNITS	DAIE ANALYZED
Arsenic	SW-846 6010B		8 31	2 24	mg/kg	03/10/2005
Barium	SW-846 60108		99 9	0 224	mg/kg	03/10/2005
Cadmium	SW-846 60108		ND	0 224	mg/kg	03/10/2005
Chromium	SW-846 60108		16 3	0 559	mg/kg	03/10/2005
Digestion for Solids	SW-846 30508		COMPLETED			03/09/2005
Lead	SW-846 60108		92 2	1 12	mg/kg	03/10/2005
Mercury	SW-846 7471A		0 478	0 0226	mg/kg	03/08/2005
Selenium	SW-846 60108		ND	3 36	mg/kg	03/10/2005
Silver	SW-846 60108		ND	0 559	mg/kg	03/10/2005

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concenttation reportable for the sample

AUTHORIZED SIGNATURE:

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03/10/2005

NORTHEASTERN ENVIROMENIAL IECH
1476 ROUTE 50
BALLSTON SPA, NY 12020
CONTACT: TODD SCOTT

CUSTOMER ID:	COMP 2	**NEA ID:**	AI01643
MATRIX :	SOIL	**DAIE SAMPLED:**	03/02/2005 **IIME:** 15:00
DATE RECEIVED:	03/04/2005 **TIME:** 11:20	**PROJECI:**	BIG-N
SAMPLED BY:	I SCOTT	**LOCAIION:**	SCHENECTADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMETER PERFORMED	MEIHOD	FLAGS	RESULIS	PQL	UNITS	DATE ANALYZED
Arsenic	SW-846 6010B		8 19	2 33	mg/kg	03/10/2005
Barium	SW-846 60108		71 2	0.233	mg/kg	03/10/2005
Cadmium	SW-846 6010B		ND	0.233	mg/kg	03/10/2005
Chromium	SW-846 6010B		11 1	0.583	mg/kg	03/10/2005
Digestion for Solids	SW-846 30508		COMPLETED			03/09/2005
Lead	SW-846 6010B		41 7	1 17	mg/kg	03/10/2005
Mercury	SW-846 7471A		0 858	0.0267	mg/kg	03/08/2005
Selenium	SW-846 60108		ND	3 50	mg/kg	03/10/2005
Silver	SW-846 60108		ND	0.583	mg/kg	03/10/2005

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (PracticalQuantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

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Robert E Wagner, Laboratory Director

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NEA (COLUMBIA ANALYTICAL)
TOTAL CYANIDE WE PORT

NORTHEASTERN
ENVIRONMENTAL
TECHNOLOGIES CORP

Columbia Analytical Services inc.

A FULL SERVICE ENVIRONMENTAL LABORATORY

March 17, 2005

Mr Bob Stoll
Northeast Analytical,Inc
2190 Technology Drive
Schenectady, NY 12308

PROJECT:BIG N TCN SAMPLES
Submission #:R2525210

Dear Mr. Stoll:

Enclosed are the analytical results of the analyses reques ed. The analytical data was provided to you on 03/17/05 per a Facsimile transmittal. All data has been reviewed prior to report submission.

Should you have any questions please contact me at (585) 288-5380

Thank you for letting us provide this service

Sincerely,

COLUMBIA ANALYTICAL SERVICES

Val Miller

Val Miller
Project Chemist

Enc

t

Columbia Analytical Services inc

1 Mustard ST
Suite 250
Rochester, NY 14609
(585) 288-5380

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : Northeast Analytical,Inc
Project Reference: BIG N TCN SAMPLES
Lab Submission # : R2525210
Project Manager : Val Miller
Reported : 03/17/05

Report Contains a total of 18 pages

The results reported herein relate only to the samples received by the laboratory This report may not be reproduced except in full, without the approval of Columbia Analytical Services.

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal

Columbia Analytical Services inc

CASE NARRATIVE

This report contains analytical results for the following samples:

Submission #: R2525210

Lab ID	Client ID
798112	GP-5
798113	GP-16
798114	GP-17
798115	COMP1
798116	COMP2
798117	MW-3
798118	MW-13
798119	MW-17
798120	MW-12
798121	MW-18

All samples were received in good condition unless otherwise noted on the cooler receipt and preservation check form located at the end of this report

All samples were preserved in accordance with approved analytical methods

All samples have been analyzed by the approved methods cited on the analytical results pages

All holding times and associated QC were within limits,,

No analytical or QC problems were encountered

All sampling activities performed by CAS personnel have been in accordance with "CAS Field Procedures and Measurements Manual" or by client specifications

Columbia Analytical Services INC
An Employee - Owned Company

ACCREDITED IN ACCORDANCE WITH nelac

Ethics Service Quality ACIL 2004 SEAL OF EXCELLENCE PROGRAM Environmental

INORGANIC QUALIFIERS

C (Concentration) qualifier –

- B - if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL) This qualifier may also be used to indicate that there was contamination above the reporting limit in the associated blank See Narrative for details
- U - if the analyte was analyzed for, but not detected

Q qualifier - Specified entries and their meanings are as follows:

- D - Spike was diluted out
- E - The reported value is estimated because the serial dilution did not meet criteria
- J - Estimated Value
- M - Duplicate injection precision not met
- N - Spiked sample recovery not within control limits
- S - The reported value was determined by the Method of Standard Additions (MSA)
- W - Post-digestion spike for Furnace AA Analysis is out of control limits (85-115), while sample absorbance is less than 50% of spike absorbance,
- * - Duplicate analysis not within control limits,
- + - Correlation coefficient for the MSA is less than 0 995

M (Method) qualifier:

- "P" for ICP
- "A" for Flame AA
- "F" for Furnace AA
- " P M for ICP when Microwave Digestion is used
  " A M for Flame AA when Microwave Digestion is used
  " F M for Furnace M when Microwave Digestion is used
- "CV" for Manual Cold Vapor AA
- "AV" for Automated Cold Vapor AA
- "CA" for Midi-Distillation Spectrophotometric
- "AS" for Semi-Automated Spectrophotometric
- "C" for Manual Spectrophotometric
- "T" for Titrimetric
- " " where no data has been entered
- "NR" if the analyte is not required to be analyzed

CAS/Rochester Lab ID # for State Certifications

NELAP Accredited
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Illinois ID #200047
Maine ID #NY0032
Massachusetts ID # M-NY0.32
Navy Facilities Engineering Service Center Approved
Nebraska Accredited
New Jersey ID # NY004
New York ID # 10145
New Hampshire ID # 294100 A/B
Pennsylvania Registration 68-786
Rhode Island ID # 158
South Carolina ID #91012
West Virginia ID # 292

COLUMBIA ANALYTICAL SERVICES

Reported: 03/17/05

Northeast Analytical,Inc
Project Reference: BIG N TCN SAMPLES
Client Sample ID : GP-5

Date Sampled : 02/28/05 14:30 **Order** #: 798112 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 03/09/05 **Submission** #: R2525210

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160 3M	1 0	89 9	%	03/10/05	12:00	1 0
TOTAL CYANIDE	9012 T	1 00	1 11 U	MG/KG	03/11/05	13:10	1 0

COLUMBIA ANALYTICAL SERVICES

Reported: 03/17/05

Northeast Analytical, Inc
Project Reference: BIG N TCN SAMPLES
Client Sample ID : GP-16

Date Sampled : 03/02/05 15:30 Order #: 798113 Sample Matrix: SOIL/SEDIMENT
Date Received: 03/09/05 Submission #: R2525210

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.3M	1 0	7 7 5	%	03/10/05	12:00	1 0
TOTAL CYANIDE	9012 T	1.00	1 2 9 U	MG/KG	03/16/05	10:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 03/17/05

Northeast Analytical,Inc
Project Reference: BIG N TCN SAMPLES
Client Sample ID : GP-17

Date Sampled : 03/02/05 15:45 Order #: 798114 Sample Matrix: SOIL/SEDIMENT
Date Received: 03/09/05 Submission #: R2525210

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160 3M	1 0	90 0	%	03/10/05	12:00	1 0
TOTAL CYANIDE	9012 T	1 00	1 11 U	MG/KG	03/16/05	10:00	1 0

COLUMBIA ANALYTICAL SERVICES

Reported: 03/17/05

Northeast Analytical,Inc
Project Reference: BIG N TCN SAMPLES
Client Sample ID : COMP1

Date Sampled : 03/02/05 16:00 Order #: 798115 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 03/09/05 **Submission** #: R2525210

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160 3M	1 0	87 5	%	03/10/05	12:00	1 0
TOTAL CYANIDE	9012 T	1 00	1 14 U	MG/KG	03/16/05	10:00	1 0

COLUMBIA ANALYTICAL SERVICES

Reported: 03/17/05

Northeast Analytical,Inc
Project Reference: BIG **N TCN SAMPLES**
Client Sample ID : COMP2

Date Sampled : 03/02/05 15:00 **Order** #: **798116** **Sample Matrix:** SOIL/SEDIMENT
Date Received: 03/09/05 **Submission** #: R2525210

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160 3M	1 0	84 0	%	03/10/05	12:00	1 0
TOTAL CYANIDE	9012 T	1 00	1 19 U	MG/KG	03/16/05	10:00	1 0

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

CAS Submission #: R2525210
Client: Northeast Analytical,Inc.
BIG N TCN SAMPLES

BLANK SPIKES

	B [illegible]	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
TOTAL CYANIDE	1.00 U	19.6	20.0	98	83 - 117	114014	MG/KG
TOTAL CYANIDE	0.0100 U	0.404	0.400	101	74 - 123	114099	MG/L

R2525210

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

NORTHEAST ANALYTICAL, INC.

2190 Technology Drive, Schenectady, NY 12308
Telephone (518) 346-4592 Fax (518) 381-6055
www.nealab.com information @nealab.com

LRF # _____
(NEA USE ONLY)

DISPOSAL REQUIREMENTS: (To be filled in by Client)

- ◯ RETURN TO CLIENT
- ◯ DISPOSAL BY NORTHEAST ANALYTICAL
- ◯ ARCHIVAL BY NORTHEAST ANALYTICAL

Additional charges incurred for disposal (if hazardous) or archival. Call for details.

CLIENT (REPORTS TO BE SENT TO): NEA	PROJECT#/PROJECT NAME: BIG N
PROJECT MANAGER: Bob Stoll	LOCATION (CITY/STATE) ADDRESS: Schenectady, NY
PHONE: (518) 346-4592	REQUIRED TURN AROUND TIME: 2 week
SAMPLED BY: (Please Print) T. Scott	NAME OF COURIER (IF USED): Fed Ex
SAMPLING FIRM: NETC	Data Package: ☐ Full ☐ Certificates Only
RESULTSTO BE E-MAILED ☐	E-MAIL ADDRESS:
RESULTS TO BE FAXED ☐	FAX #:

ENTER ANALYSIS AND METHOD NUMBER REQUESTED

PRESERVATIVE KEY: 0 - NONE; 1 - HCL; 2 - HNO3; 3 - H2SO4; 4 - NaOH; 5 - Zn. Acetate; 6 - MeOH; 7 - NaHSO4; 8 - Other _____

SAMPLE ID	DATE	TIME	MATRIX	GRAB/ COMP	LAB SAMPLE ID (NEA USE ONLY)	NUMBER OF CONTAINERS	PRESERVATIVE CODE	BOTTLE TYPE	BOTTLE SIZE	Cyanide	CAS #	REMARKS:
GP 5	2/28/05	14:30	Soil	Grab	AI011639	1				X		298112
GP-16	3/2/05	15:30	"	Grab	AI011640	1				X		113
GP-17	"	15:45	"	Grab	AI011641	1				X		114
Comp 1	"	16:00	"	Comp	AI011642	1				X		115
Comp 2	3/2/05	15:00	Soil	Comp	AI011643	1				X		116

AMBIENT OR CHILLED: TEMP: COC TAPE: Y N PROPERLY PRESERVED: Y N OTHER NOTES:

RECEIVED BROKEN OR LEAKING: Y N COC DISCREPANCIES: Y N RECVD W/I HOLDING TIMES: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
SIGNATURE: Lenore Nelson	SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
PRINTED NAME: Lenore Nelson	PRINTED NAME: Gregory O. Esmerian	PRINTED NAME:	PRINTED NAME:	PRINTED NAME:	PRINTED NAME:
COMPANY: NEA	COMPANY: CAS	COMPANY:	COMPANY:	COMPANY:	COMPANY:
DATE/TIME: 3/8/05 16:00	DATE/TIME: 3-9-05 9:40	DATE/TIME:	DATE/TIME:	DATE/TIME:	DATE/TIME:

S:\ADMIN\COC FORM.XLS (Revised March 2001)

CT

Cooler Receipt **And** Preservation Check Form

Project/Client Northeast Submission Number R2525210

Cooler received on 3-9-05 by: KE COURIER: CAS UPS (FEDEX) CD&L CLIENT

1	Were custody seals on outside of cooler?	YES	(NO)
2	Were custody papers properly filled out (ink, signed, etc)?	(YES)	NO
3	Did all bottles arrive in good condition (unbroken)?	(YES)	NO
4	Did any VOA vials have significant air bubbles?	YES	NO (N/A)
5	Were Ice or Ice packs present?	(YES)	NO
6	Where did the bottles originate?		CAS/ROC, (CLIENT)
7	Temperature of cooler(s) upon receipt:	1°	

Is the temperature within 0° - 6° C?:	(Yes)	Yes	Yes	Yes	Yes
If No, Explain Below	No	No	No	No	No

Date/Time Temperatures Taken: 3-9-05 @ 9:45

Thermometer ID: 161 or (IR GUN) Reading From: Temp Blank or (Sample Bottle)

If out of Temperature, Client Approval to Run Samples _____

Cooler Breakdown: Date: 3-9-05 by: KE

1	Were all bottle labels complete (i *e* analysis, preservation, etc)?	(YES)	NO
2	Did all bottle labels and tags agree with custody papers?	(YES)	NO
3	Were correct containers used for the tests mdicated?	(YES)	NO
4	Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated		(N/A)

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO_3					
2	H_2SO_4					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

YES = All samples *O K* *N O* = Samples were preserved at lab as listed PC *O K* to adjust pH _____

**If *pH* adjustment is required, use NaOH and/or H_2SO_4

VOC Vial *pH* Verification (Tested *aftn* Analysis) Following Samples Exhibited *pH* > 2				
Other Comments:				

EMSL HEXAVALANT CHROMIUM REPORT

NORTHEASTERN
ENVIRONMENTAL
TECHNOLOGIES CORP

EMSL Analytical

http://www emsl com

3 Cooper St.
Westmont. NJ 08108
Phone: (856) 858-4800
Fax: (856) 858-4571

Attn: **Todd Scott**
Northeastern Environ. Tech..Corp.
1476 Route 50
Ballston Spa, NY 12020

Phone (518) 884-8545
Fax: (518) 884-9710

3/16/05

The following report covers the analysis performed on samples submitted to EMSL Analytical on 3/4/05 The results are tabulated on the attached data pages for the following client designated project:

Project ID: Big - N

The reference number for these samples is EMSL. Order #010500733. Please use this reference when calling about these samples,

If you have any questions, please do not hesitate to contact me at (856) 858-4800

Reviewed and Approved By:

Laboratory Director or other
approved signatory
NJ-NELAP Accredited:04653

ACCREDITED IN ACCORDANCE WITH nelac

The test results contained within this report meet the requirements of NELAC and/or the specific certification program that is applicable unless otherwise noted

EMSL Analytical
3 Cooper St , Westmont, NJ 08108
Phone: (856) 858-4800 Fax: (856) 858-4571 Email: swesson@emsl.com

Attn: **Todd Scott**
Northeastern Environ..Tech. Corp.
1476 Route 50
Ballston Spa, NY 12020
Fax: (518) 884-9710 Phone: (518) 884-8545

Customer ID: NDES50
Customer PO:
Received: 03/04/05 10:19 AM
EMSL Order: 010500733
EMSL Proj: Big - N
Report Date: 3/16/05

Client Sample Description GP-15
Big - N Maxon Rd

Lab ID: *0002*

Test	*Method*	*Parameter*	*Concentration*	*Units*	*Analysts Date/Time*	*Notes*
Total Solids	2540B	Total Solids	84	%	3/4/05 03:15 PM	
Hexavalant Chromium, Total	7196A	Cr +6	<0 95	mg/Kg	3/4/05 11:45 AM	

EMSL Analytical
3 Cooper St, Westmont NJ 08108
Phone: (856) 858-4800 Fax: (856) 858-4571 Email: swesson@emsl.com

Attn: **Todd Scott**
Northeastern Environ..Tech..Corp.
1476 Route 50
Ballston Spa, NY 12020

Fax: (518) 884-9710 Phone: (518) 884-8545

Customer ID: NDES50
Customer PO:
Received: 03/04/05 10:19 AM
EMSL Order: 010500733
EMSL Proj: Big - N
Report Date: 3/16/05

Client Sample Description Comp 2
Big - N Maxon Rd

Lab ID: *0005*

Test	*Method*	*Parameter*	*Concentration*	*Units*	*Analysis Date/Time*	*Not–*
Total Solids	2540B	Total Solids	85	%	3/4/05 03:15 PM	
Hexavalant Chromium, Total	7196A	Cr +6	<0 94	mg/Kg	3/4/05 11:45 AM	

0105007 33

EMSL Analytical, Inc.
3 Cooper Street
Westmont, NJ 08108
Phone: (856) 858-4800
Fax: (856) 858-4571 (856) 854-2362

Chain of Custody
Environmental Chemistry Lab Services
Analysis Request Form

http://www.emsl.com

Project Name/Nbr: Big - N
EMSL Rep: Ellen Podell
Indicate State where samples collected
NEW YORK
Please print all information legibly.

REPORT RESULTS TO:		SEND INVOICE TO:		TURNAROUND TIME
Name: Todd Scott		*Name:* Jeff Wink	*PO:*	Date Results needed by:
Company: Todd Scott		*Company:* Jeff Wink		Standard Turnaround Time is 10 working days ☐
Address: 1476 Route 50		*Address:* 1476 Route 50		The following turnaround times require lab approval:
City: Ballston Spa		*City:* Ballston Spa		☐ 4-5 days ☐ 72 Hrs ☐ 48 Hrs
State: New York	*Zip:* 12020	*State:* New York	*Zip:* 12020	☐ 24 Hrs Approved by:
Country:		*Country:*		
Tel: 5188848545	*Fax:* 518 884 9710	*Tel:* 5188848545	*Fax:* 518 884 9710	
Email: toddnetc@nycap.rr.com		*Email:* Jeffnetc@nycap.rr.com		
Sampled by: (Signature)		Number of Samples in Shipment 5		Date of Sample Shipment 3/3/05

Failure to complete items marked with * will hinder processing of samples

	Sample Number	Station Location / Sample ID	COMP	GRAB	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	Method Preserved: HCL	HNO3	H2SO4	ICE	OTHER	Sampling: DATE*	TIME*	List Test Needed: HEXAVALENT CHROMIUM
-01	1. GP-5 c	BIG-N MAXON RD.		X		X									2/28/05	3:30	X
-02	2. GP-15			X		X									3/1/05	3:30	X
-03	3. GP-17			X		X									3/2/05	3:45	X
-04	4. Comp 1		X			X									3/2/05	4:00	X
-05	5. Comp 2		X			X									3/2/05	3:00	X
	6.																
	7.																
	8.																

Released By Signature	Date & Time Released	Delivery Method	Received By Signature	Agency	Date and Time Received	Condition Noted
Todd Scott	3/2/05 4:30pm	FEDEX		emsl	3/4/05	10:19 am 4°-6° Bag office

Comments: NORMAL TURNAROUND

Please Indicate reporting requirements Deliverable ☐ 1. Results only ☐ 2. Results and QC ☐ 3. Reduced Deliverables ☐ 4. Disk

EMSL Analytical, Inc.
3 Cooper Street
Westmont, NJ 08108
Phone: (856) 858-4800
Fax: (856) 858-4571 (856) 854-2362

Chain of Custody
Environmental Chemistry Lab Services
Analysis Request Form

http://www.emsl.com

Project Name/Nbr: Big - N
EMSL Rep: Ellen Podell
Indicate State where samples collected: NEW YORK
Please print all information legibly.

REPORT RESULTS TO:		SEND INVOICE TO:		TURNAROUND TIME
Name: Todd Scott		*Name:* Jeff Wink	*PO:*	Date Results needed by:
Company: Todd Scott		*Company:* Jeff Wink		Standard Turnaround Time is 10 working days ☐
Address: 1476 Route 50		*Address:* 1476 Route 50		The following turnaround times require lab approval:
City: Ballston Spa		*City:* Ballston Spa		☐ 4-5 days ☐ 72 Hrs ☐ 48 Hrs
State: New York	*Zip:* 12020	*State:* New York	*Zip:* 12020	☐ 24 Hrs Approved by:
Country:		*Country:*		
Tel: 5188848545	*Fax:* 518 884 9710	*Tel:* 5188848545	*Fax:* 518 884 9710	
Email: toddnetc@nycap.rr.com		*Email:* Jeffnetc@nycap.rr.com		
Sampled by: (Signature)		Number of Samples in Shipment: 5		Date of Sample Shipment: 3/3/05

Failure to complete items marked with * will hinder processing of samples

	Sample Number	Station Location /Sample ID	COMP	GRAB	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	Method Preserved: HCL	HNO3	H2SO4	ICE	OTHER	Sampling: DATE*	TIME*	List Test Needed: HEXAVALENT CHROMIUM	
1.	GP-5-6	BIG-N MAXON RD.		X		X	HOLD											
2.	GP-15			X		X	→		RUN						3/2/05	3:30	X	
3.	GP-17			X		X	HOLD								3/2/05	3:45	X	
4.	Comp 1		X			X	HOLD								3/2/05	4:00	X	
5.	Comp 2		X			X	→		RUN						3/2/05	3:00	X	
6.																		
7.																		
8.																		

Released By Signature	Date & Time Released	Delivery Method	Received By Signature	Agency	Date and Time Received	Condition Noted
[signature]	3/2/05 4:30pm	FEDEX				

Comments: NORMAL TURNAROUND

Please Indicate reporting requirements Deliverable ☐ 1. Results only ☐ 2. Results and QC ☐ 3. Reduced Deliverables ☐ 4. Disk

ONLY RUN GP-15 & Comp 2

EPA METHOD 8082 (PCB)

SOIL ANALYTICAL DATA (EPA Method 8082 PCB)

Big N Plaza

1520 Maxon Road Schenectady, New York

Sampled on February 28, 2005

PARAMETER	SOIL SAMPLE DESCRIPTION					DEC Rec. Soil Cleanup Objective (Surface;Subsurface)
	GP-5	GP-16	GP-17	Comp. 1	Comp. 2	
Aroclor-1016	ND	ND	ND	ND	ND	1000; 10000
Aroclor-1221	ND	ND	ND	ND	ND	1000; 10000
Aroclor-1232	ND	ND	ND	ND	ND	1000; 10000
Aroclor-1242	ND	ND	ND	ND	ND	1000; 10000
Aroclor-1248	ND	ND	ND	ND	ND	1000; 10000
Aroclor-1254	ND	ND	ND	ND	ND	1000; 10000
Aroclor-1260	ND	5,180*	ND	60.9*	ND	1000; 10000

Notes: All concentrations are in ug/kg or ppb (parts per billion)

DEC = NYSDEC - TAGM - Determination of Soil Cleanup Objectives and Cleanup Levels, 1994.

* = Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

NEA
NORTHEAST ANALYTICAL LABS

CERIIFICATE OF ANALYSIS
03/10/2005

NORTHEASTERN ENVIROMENTAL TECH
1476 **ROUTE** 50
BALLSTON SPA, NY 12020
CONTACT: TODD SCOII

CUSTOMER ID:	GP-5	**NEA** ID:	AI01639
MATRIX :	SOIL	**DATE SAMPLED:**	02/28/2005 **TIME:** 14:30
DAIE RECEIVED:	03/04/2005 **TIME:** 11:20	**PROJECI:**	BIG-N
SAMPLED BY:	T SCOTT	**LOCATION:**	SCHENECTADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 **Method** 8082, **Polychlorinated Biphenyls**					
Aroclor 1016	ND	0 0541	µg/g	03/09/2005	
Aroclor 1221	ND	0 0541	µg/g	03/09/2005	
Aroclor 1232	ND	0 0541	µg/g	03/09/2005	
Aroclor 1242	ND	00541	µg/g	03/09/2005	
Aroclor 1248	ND	00541	µg/g	03/09/2005	
Aroclor 1254	ND	0 0541	µg/g	03/09/2005	
Aroclor 1260	ND	00541	µg/g	03/09/2005	
Total **PCB** Amount > Reporting Limit	0.00	µg/g			

Note: There were several non-target peaks

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Pnctical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

Northeast Analytical, Inc

Robert E Wagner, Laboratory Director

2190 Technology Drive • Schenectady, NY 12308 • Phone: 518 346 4592 Fax: 518 381 6055 • Email: information@nealab com

NEA
NORTHEAST ANALYTICAL LABS

CERTIFICATE OF ANALYSIS
03/10/2005

NORTHEASTERN ENVIROMENTAL IECH
1476 ROUTE 50
BALLSION SPA, NY 12020
CONTACT: TODD SCOTT

CUSIOMER ID:	GP-16	**NEA** ID:	AI01640
MATRIX:	SOIL	**DATE SAMPLED:**	03/02/2005 **TIME:** 15:30
DATE RECEIVED:	03/04/2005 **IIME:** 11:20	**PROJECI:**	BIG-N
SAMPLED BY:	T SCOTT	**LOCAIION:**	SCHENECTADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 Method 8082, Polychlorinated Biphenyls					
Aroclor 1016	ND	0 359	µg/g	03/09/2005	
Aroclor 1221	ND	0 359	µg/g	03/09/2005	
Aroclor 1232	ND	0 359	µg/g	03/09/2005	
Aroclor 1242	ND	0 359	µg/g	03/09/2005	
Aroclor 1248	ND	0 359	µg/g	03/09/2005	
Aroclor 1254	ND	0 359	µg/g	03/09/2005	
Aroclor 1260	5 18	0 359	µg/g	03/09/2005	AG
Total PCB Amount > Reporting Limit	5.18 µg/g				

AG-Aroclor 1260 is being reported as the best Amclor match The sample exhibits an altered **PCB** pattern

Note: There were many non-target peaks

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

Northeast Analytical, Inc

Robert E Wagner, Laboratory Director

2190 Technology Drive • Schenectady, NY 12308. Phone: 518 346 4592 Fax: 518 381 6055. Email: information@nealab com

NORTHEAST ANALYTICAL LABS

CERIIFICAIE OF ANALYSIS
03/10/2005

NORTHEASTERN ENVIROMENI AL IECH
1476 ROUIE 50
BALLSTON SPA, NY 12020
CONTACT: IODD SCOIT

CUSTOMER ID:	GP-17	**NEA** ID:	AI01641
MAIRIX:	SOIL	**DATE SAMPLED:**	03/02/2005 **TIME:** 15:45
DAIE RECEIVED:	03/04/2005 **IIME:** 11:20	**PROJECT:**	BIG-N
SAMPLED BY:	I SCOTT	**LOCAIION:**	SCHENECTADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMEIER PERFORMED	RESULI S	PQL	UNITS	DAIE ANALYZED	FLAGS
SW-846 Method 8082, Polychlorinated Biphenyls					
Aroclor 1016	ND	0 0546	µg/g	03/09/2005	
Aroclor 1221	ND	0 0546		03/09/2005	
Aroclor 1232	ND	0 0546		03/09/2005	
Aroclor 1242	ND	0 0546	µg/g	03/09/2005	
Aroclor 1248	ND	0 0546	µg/g	03/09/2005	
Aroclor 1254	ND	0 0546	µg/g	03/09/2005	
Aroclor 1260	ND	0 0546	µg/g	03/09/2005	
Total PCB Amount > Reporting Limit	0 00	µg/g			

Note: There were several non-target peaks

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentmtion reportable for the sample

AUTHORIZED SIGNATURE:

Northeast Analytical, Inc

Robert E Wagner, Laboratory Director

2190 Technology Drive • Schenectady, NY 12308. Phone: 518 346 4592 Fax: 518 381 6055 • Email: information@nealab.com

NEA
NORTHEAST ANALYTICAL LABS

CERTIFICATE OF ANALYSIS
03/10/2005

NORTHEASTERN ENVIROMENIAL TECH
1476 ROUTE 50
BALLSION SPA, NY 12020
CONTACT: TODD SCOI I

CUSIOMERID:	COMP 1	**NEA ID:**	AI01642
MATRIX :	**SOIL**	**DATE SAMPLED:**	03/02/2005 **TIME:** 16:00
DATE RECEIVED:	03/04/2005 **TIME:** 11:20	**PROJECT:**	BIG-N
SAMPLED BY:	I SCOTT	**LOCATION:**	SCHENECTADY, NY
CUSIOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMETER PERFORMED	RESULIS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 Method 8082, Polychlorinated Biphenyls					
Aroclor 1016	ND	0.0570	µg/g	03/09/2005	
Aroclor 1221	ND	0 0570	µg/g	03/09/2005	
Aroclor 1232	ND	0 0570	µg/g	03/09/2005	
Aroclor 1242	ND	0.0570	µg/g	03/09/2005	
Aroclor 1248	ND	0 0570	µg/g	03/09/2005	
Aroclor 1254	ND	0 0570	µg/g	03/09/2005	
Aroclor 1260	0 0609	0 0570	µg/g	03/09/2005	AG
Total **PCB** Amount > Reporting **Limit**	0 0609	µg/g			

AG-Aroclor 1260 is being reported as the best Aroclor match The sample exhibits an altered PCB pattern

Note: There were several non-target peaks

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

Northeast Analytical, Inc

Robert E Wagner, Laboratory Director

2190 Technology Drive • Schenectady, NY 12308 • Phone: 518346 4592 Fax: 518381 6055. Email: information@nealab corn

NORTHEAST ANALYTICAL LABS

CERI IFICATE OF ANALYSIS
03/10/2005

NORTHEASIERN ENVIROMENTAL TECH
1476 **ROUIE** 50
BALLSION SPA, NY 12020
CONIACI: TODD SCOII

CUSIOMER ID:	COMP 2	**NEA ID:**	AI01643
MAIRIX:	SOIL	**DATE SAMPLED:**	03/02/2005 **TIME:** 15:00
DATE RECEIVED:	03/04/2005 **TIME:** 11:20	**PROJECT:**	BIG-N
SAMPLED BY:	I SCOII	**LOCATION:**	SCHENECTADY, NY
CUSIOMER PO:	N/A	**LAB ELAP #:**	110'78

PARAMETER PERFORMED	RESULIS	PQL	UNITS	ANALYZED	FLAGS
SW-846 Method 8082, **Polychlorinated Biphenyls**					
Aroclor 1016	ND	0 0563	µg/g	03/09/2005	
Aroclor 1221	ND	0 0563	µg/g	03/09/2005	
Aroclor 1232	ND	0 0563	µg/g	03/09/2005	
Aroclor 1242	ND	0 0563	µg/g	03/09/2005	
Aroclor 1248	ND	0 0563	µg/g	03/09/2005	
Aroclor 1254	ND	0 0563	µg/g	03/09/2005	
Aroclor 1260	ND	00563	µg/g	03/09/2005	
Total PCB Amount > Reporting Limit	0.00	µg/g			

Note: There **were** several non-target peaks

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Pmctical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUIHORIZED SIGNATURE:

Northeast Analytical, Inc

Robert E Wagner, Laboratory Director

2190 Technology Drive. Schenectady, NY 12308 • Phone: 518 346 4592 Fax: 518 381 6055 • Email: information@nealab corn

EMSL QUALITATIVE ASBESTOS ANALYSIS REPORT

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORP

EMSL Analytical, Inc.
107 Haddon Ave , Westmont NJ 08208
Phone: (856) 858-4800 Fax: (856) 858-4960 Email: ssiegel@EMSL.com

Attn: **Todd Scott**
Northeastern Environ..Tech..Corp..
1476 Route 50
Ballston Spa, NY 12020

Fax: (518) 884-9710 Phone: (518) 884-8545
Prcject: **Big** N ▌Maxon Road

Customer ID: NDES50
customer PO:
Received: 03/04/05 9:50 AM
EMSL Order: 040503727

EMSL Prcj: Big - N
Analysis Date: 3/8/2005
Report Date: 3/8/2005

Qualitative asbestos analysis of soils using the EPA 600/R-93/116 method

Sample	Location	Appearance	Result	Notes
Comp 1 *040503727 0001*	Big N Maxon Rd		None Detected	
Comp 2 *040503727-0002*	Big N Maxon Rd		None Detected	
Comp 3 *040503727 0003*	Big N Maxon Rd		None Detected	

Analyst(s)

Delores Beard *(3)*

Stephen Siegel. CIH
or dher approved signatory

EMSL recommends that soil samples reported as "ND" be tested by the EPA Screening Method/Qualitative. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government The test results contained within this report meet the requirements of NELAC unless otherwise noted

ACCREDITATIONS: AIHA #100192, NVLAP #1048 and NY STATE ELAP #10872

PLMQual w/Types-1

THIS IS THE LAST PAGE OF THE REPORT,,

04050372

Chain of Custody

Asbestos Lab Services

EMSL Analytical, Inc.
107 Haddon Avenue
Westmont, NJ 08108

Phone: (856) 858-4800
Fax: (856) 858-4960
(856) 427-1608
http://www emsl.com

Please print all information legibly

Company:	Northeastern Environmental Technologies Corp	***Bill To:***	Northeastern Environmental Technologies Corp
Address1:	1476 Route 50	*Address1.*	1476 Route 50
Address2:		*Address2:*	
City, State:	Ballston Spa, New York	*City, State:*	Ballston Spa, New York
Zip/Post Code:	12020	*Zip/Post Code.*	12020
Country.		*Country:*	
Contact Name:	Todd Scott	***Attn:***	Jeff Wink
Phone.	5188848545	*Phone:*	5188848545
Fax:	5188849710	*Fax.*	5188849710
Email:	toddnetc@nycap.rr.com	*Email:*	Jeffnetc@nycap.rr.com
EMSL Rep:	Ellen Podell	***P.O. Number:***	
Project Name/Number:	Big N, Maxon Road		

MATRIX			TURNAROUND			
☐ Air	☒ Soil	☐ Micro-Vac	☐ 3 Hours	☐ 6 Hours	☐ Same Day or 12 Hours*	☐ 24 Hours (1 day)
☐ Bulk	☐ Drinking Water		☐ 48 Hours (2 days)	☐ 72 Hours (3 days)	☐ 96 Hours (4 days)	☐ 120 Hours (5 days)
☐ Wipe	☐ Wastewater		☒ 144+ hours (6-10 days)			

TEM AIR, 3 hours, 6 hours, Please call ahead to schedule There is a premium charge for 3-hour *tat,* please call 1-800-220-3675 for price prior to sending samples You will be asked to sign an authorization form for this service

***12 hours (must arrive by 11:00a.m. Mon -Fri.), Please Refer to Price Quote**

PCM - Air	**TEM Air**	**TEM WATER**
☐ NIOSH 7400(A) Issue 2: August 1994	☐ AHERA 40 CFR, Part 763 Subpart E	☐ EPA 100 1
☐ OSHA w/TWA	☐ NIOSH 7402	☐ EPA 100.2
☐ Other:	☐ EPA Level II	☐ NYS 1982
PLM - Bulk	**TEM BULK**	**IEM Microvac/Wipe**
☐ EPA 600/R-93/116	☐ Drop Mount (Qualitative)	☐ ASIM D 5755-95 (quantative method)
☐ EPA Point Count	☐ Chatfield SOP - 1988-02	☐ Wipe Qualitative
☐ NY Stratified Point Count	☐ TEM NOB (Gravimetric) NYS 198 4	
☐ PLM NOB (Gravimetric) NYS 198 1	☐ EMSL Standard Addition:	**XRD**
☐ NIOSH 9002:		☐ Asbestos
☐ EMSL Standard Addition:	**PLM Soil**	☐ Silica NIOSH 7500
SEM Air or Bulk	☒ EPA Protocol Qualitative	
☐ Qualitative	☐ EPA Protocol Quantitative	**OTHER**
☐ Quantitative	☐ EMSL MSD 9000 Method fibers/gram	☐

04050327

Chain of Custody

Asbestos Lab Services

EMSL Analytical, Inc.
107 Haddon Avenue
Westmont, NJ **08108**

Phone: **(856) 858-4800**
Fax: **(856) 858-4960**
(856) 427-1608
http://wmv emsl com

Please print all information legibly

Client Sample # (s) Comp 1 - Comp 3 **Total Samples #:** 3

Relinquished: [illegible] **Date:** 3/3/05 **Time:** 4:45m

Received: [illegible] **Date:** [illegible] **Time:**

Relinquished: [illegible] **Date:** **Time:**

Received: **Date:** **Time:**

SAMPLE UUMBER	SAMPLE DESCRIPTIOSROCATIOS	VOLUME (if applicable)
Comp 1	BIG N, 1MAXON RD	4oz JAR
Comp 2	" " " "	" "
Comp 3	" " " "	" "

SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL INC

CHAIN OF CUSTODY RECORD

PAGE ______ OF ______

NORTHEAST ANALYTICAL, INC.

2190 Technology Drive, Schenectady, NY 12308
Telephone (518) 346-4592 Fax (518) 381-6055
www.nealab.com information @nealab.com

LRF # 0503C015
(NEA USE ONLY)

DISPOSAL REQUIREMENTS: (To be filled in by Client)

- ◯ RETURN TO CLIENT
- ◯ DISPOSAL BY NORTHEAST ANALYTICAL
- ◯ ARCHIVAL BY NORTHEAST ANALYTICAL

Additional charges incurred for disposal (if hazardous) or archival. Call for details.

CLIENT (REPORTS TO BE SENT TO): NETC

PROJECT#/PROJECT NAME: BIG - N

PROJECT MANAGER: TODD Scott

LOCATION (CITY/STATE) ADDRESS: MAXON ROAD SCHENECTADY, N.Y.

PHONE: (513) 884-8545

SAMPLED BY: (Please Print) TODD Scott

REQUIRED TURN AROUND TIME: NORMAL

SAMPLING FIRM: NETC

NAME OF COURIER (IF USED): NETC

ELECTRONIC RESULTS ☒ E-MAIL ADDRESS: TODDNETC@NYCAP.RR.com

FAXED RESULTS ☐ FAX #:

ENTER ANALYSIS AND METHOD NUMBER REQUESTED

PRESERVATIVE CODE	0	0	0	0			
BOTTLE TYPE	GLASS	GLASS	GLASS	GLASS			
BOTTLE SIZE	4oz	4oz	4oz	4oz			

PRESERVATIVE KEY: 0 - NONE; 1 - HCL; 2 - HNO3; 3 - H2SO4; 4 - NaOH; 5 - Zn. Acetate; 6 - MeOH; 7 - NaHSO4; 8 - Other ____

SAMPLE ID	DATE	TIME	MATRIX	GRAB/COMP	LAB SAMPLE ID (NEA USE ONLY)	NUMBER OF CONTAINERS	8 RCRA METALS/CYANIDE	8260	8270 B/N	8082				REMARKS:
GP 15	3/02/05	3:00pm	Soil	Grab	AJ01639	2	X	X	X	X				PLEASE REPORT
GP-16	3/2/05	3:30pm	↓	Grab	AJ01640	2	X	X	X	X				NON - TARGET
GP-17	3/2/05	2:15pm	↓	Grab	AJ01641	2	X	X	X	X				PEAKS
Comp 1	3/2/05	4:00pm	↓	Comp	AJ01642	2	X	X	X	X				
Comp 2	3/2/05	5:00pm	↓	Comp	AJ01643	2	X	X	X	X				

AMBIENT OR CHILLED TEMP 1.4°C

COC TAPE Y (N)

RECEIVED BROKEN OR LEAKING Y (N)

COC DISCREPANCIES Y (N)

PROPERLY PRESERVED (Y) N

RECVD W/I HOLDING TIMES (Y) N

OTHER NOTES:

	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
SIGNATURE	Todd Scott	Michael Glenn				
PRINTED NAME	TODD Scott	Michael Glenn				
COMPANY	NETC	NEA				
DATE/TIME	3/3/05	3/4/05 1120				

APPENDIX K

GROUNDWATER QUALITY REPORTS

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORP.

EPA METHOD 8260

GROUNDWATER ANALYTICAL DATA (EPA Method 8260) Page 1 of 2

Big N Plaza

1520 Maxon Road Schenectady New York

Sampled on March 4, 2005

PARAMETER	GROUNDWATER SAMPLE DESCRIPTION					DEC
	MW-3	MW-12	MW-13	MW-17	MW-18	
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	5
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	5
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	5
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1
1,1-Dichloroethane	ND	ND	ND	ND	ND	5
1,1-Dichloroethene	ND	ND	ND	ND	ND	5
1,1-Dichloropropene	ND	ND	ND	ND	ND	5*
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	5*
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.04
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	5
1,2,4-Trimethylbenzene	ND	ND	1.5	**5.58**	ND	5
1,2-Dibromo-3-Chloropropane	ND	ND	ND	ND	ND	0.04
1,2-Dibromoethane	ND	ND	ND	ND	ND	5*
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	3
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.6
1,2-Dichloropropane	ND	ND	ND	ND	ND	1
1,3,5-Trimethylbenzene	ND	ND	ND	1.87	ND	5
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	3
1,3-Dichloropropane	ND	ND	ND	ND	ND	5
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	3
2,2-Dichloropropane	ND	ND	ND	ND	ND	5
2-Butanone	ND	ND	ND	ND	ND	50
2-Chloroethylvinylether	ND	ND	ND	ND	ND	5*
2-Chlorotoluene	ND	ND	ND	ND	ND	5
2-Hexanone	ND	ND	ND	ND	ND	5*
4-Chlorotoluene	ND	ND	ND	ND	ND	5
4-Isopropyltoluene	ND	ND	ND	2.46	ND	5
4-Methyl-2-pentanone	ND	ND	ND	ND	ND	50
Acetone	38.9	ND	8.09	10.4	29.2	50
Benzene	**1.89**	ND	ND	**7.41**	ND	0.7
Bromobenzene	ND	ND	ND	ND	ND	5*
Bromochloromethane	ND	ND	ND	ND	ND	5
Bromodichloromethane	ND	ND	ND	ND	ND	5*

Notes: All concentrations are in ug/kg or ppb (ports per billion)

DEC = Groundwater quality standards & guidelines (6NYCRR Part 703) and NYSDEC - TAGM - Determination of Soil Cleanup Objectives and Cleanup Levels 1994

* Principal organic compound standard far groundwater is 5 ppb

GROUNDWATER ANALYTICAL DATA (EPA Method 8260) Page 2 of 2

Big N Plaza

1520 Maxon Road Schenectady New York

Sampled on March 4.2005

PARAMETER	GROUNDWATER SAMPLE DESCRIPTION					DEC Req. Soil Cleanup Objective
	MW-3	MW-12	MW-13	MW-17	MW-18	
Bromoform	ND	ND	ND	ND	ND	5*
Bromomethane	ND	ND	ND	ND	ND	5
Carbon Disulfide	ND	ND	ND	ND	ND	50
Carbon Tetrachloride	ND	ND	ND	ND	ND	5
Chlorobenzene	ND	ND	ND	ND	ND	5
Chloroethane	ND	ND	ND	ND	ND	5*
Chloroform	ND	ND	ND	ND	ND	7
Chloromethane	ND	ND	ND	ND	ND	5*
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	5
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.4**
Dibromochloromethane	ND	ND	ND	ND	ND	5
Dibromomethane	ND	ND	ND	ND	ND	5*
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5*
Ethylbenzene	ND	ND	ND	1.21	ND	5
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.5
Isopropylbenzene	ND	ND	1.32	13.6	ND	5*
m&p-Xylene	2.36	ND	ND	2.64	ND	5
Methylene Chloride	ND	ND	ND	ND	ND	5
MTBE	ND	ND	ND	ND	ND	50
n-Butylbenzene	ND	ND	2.38	ND	ND	5
n-Propylbenzene	ND	ND	ND	16.1	ND	5
Napthalene	ND	ND	ND	17.4	1.54	10
o-Xylene	1.13	ND	ND	2.96	ND	5
sec-Butylbenzene	ND	ND	ND	3.95	ND	5
Styrene	ND	ND	ND	ND	ND	5*
tert-Butylbenzene	ND	ND	ND	ND	ND	5
Tetrachloroethene (Perc)	ND	ND	ND	ND	ND	5
Toluene	1.31	ND	ND	1.5	ND	5
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	5
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.4
Trichloroethene (TCE)	ND	ND	ND	ND	ND	5
Trichlorofluoromethane	ND	ND	ND	ND	ND	5
Vinyl Chloride	ND	ND	ND	11.6	ND	2
Non-target peaks	Negative	Negative	Positve	Positve	Negative	-----
Total VOCs	45.59	0.00	13.29	98.68	30.74	-----

Notes: All concentrations are in ug/kg or ppb (ports per billion)

DEC = Groundwater quality standards & guidelines (6NYCRR Port 703) and NYSDEC - TAGM - Determination of Soil Cleanup Objectives and Cleanup Levels. 1994

* Principal organic compound standard for groundwater is 5 ppb

NEA
NORTHEAST ANALYTICAL LABS

CERIIFICATE OF ANALYSIS
03/09/2005

NORIHEASTERN ENVIROMENTAL IECH
14'76 ROUIE 50
BALLSTON SPA, NY 12020
CONIACI: JEFF WINK

CUSIOMER ID:	MW-3	**NEA ID:**	AI01727
MATRIX:	WATER	**DATE SAMPLED:** 03/04/2005	**IIME:** 11:40
DAIE RECEIVED:	03/04/2005 **TIME:** 16:40	**PROJECI:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCATION:**	SCHENECTADY,NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMEIER PERFORMED	RESULIS	PQL	UNIIS	DAIE COMPLEIED	FLAGS
EPA Method 8260B					
1,1,1,2-Tetrachloroethane	ND	1.00	µg/L	03/07/2005	
1,1,1-Trichloroethane	ND	1.00	µg/L	03/07/2005	
1,1,2,2-Tetrachloroethane	ND	1.00	µg/L	03/07/2005	
1,1,2-Trichloroethane	ND	1.00	µg/L	03/07/2005	
1,1-Dichloroethane	ND	1.00	µg/L	03/07/2005	
1,1-Dichloroethene	ND	1.00	µg/L	03/07/2005	
1,1-Dichloropropene	ND	1.00	µg/L	03/07/2005	
1,2,3-Trichlorobenzene	ND	1.00	µg/L	03/07/2005	
1,2,3-Trichloropropane	ND	1.00	µg/L	03/07/2005	
1,2,4-Trichlorobenzene	ND	1.00	µg/L	03/07/2005	
1,2,4-Trimethylbenzene	ND	1.00	µg/L	03/07/2005	
1,2-Dibromo-3-chloropropane	ND	1.00	µg/L	03/07/2005	
1,2-Dibromoethane	ND	1.00	µg/L	03/07/2005	
1,2-Dichlorobenzene	ND	1.00	µg/L	03/07/2005	
1,2-Dichloroethane	ND	1.00	µg/L	03/07/2005	
1,2-Dichloropropane	ND	1.00	µg/L	03/07/2005	
1,3,5-Trimethylbenzene	ND	1.00	µg/L	03/07/2005	
1,3-Dichlorobenzene	ND	1.00	µg/L	03/07/2005	
1,3-Dichloropropane	ND	1.00	µg/L	03/07/2005	
1,4-Dichlorobenzene	ND	1.00	µg/L	03/07/2005	
2,2-Dichloropropane	ND	1.00	µg/L	03/07/2005	
2-Butanone	ND	1.00	µg/L	03/07/2005	
2-Chloroethylvinylether	ND	1.00	µg/L	03/07/2005	
2-Chlorotoluene	ND	1.00	µg/L	03/07/2005	
2-Hexanone	ND	1.00	µg/L	03/07/2005	
4-Chlorotoluene	ND	1.00	µg/L	03/07/2005	
4-Isopropyltoluene	ND	1.00	µg/L	03/07/2005	
4-Methyl-2-pentanone	ND	1.00	µg/L	03/07/2005	
Acetone	38.9	5.00	µg/L	03/07/2005	
Benzene	1.89	1.00	µg/L	03/07/2005	
Bromobenzene	ND	1.00	µg/L	03/07/2005	
Bromochloromethane	ND	1.00	µg/L	03/07/2005	
Bromodichloromethane	ND	1.00	µg/L	03/07/2005	
Bromoform	ND	1.00	µg/L	03/07/2005	
Bromomethane	ND	1.00	µg/L	03/07/2005	
Carbon Disulfide	ND	1.00	µg/L	03/07/2005	
Carbon Tetrachloride	ND	1.00	µg/L	03/07/2005	
Chlorobenzene	ND	1.00	µg/L	03/07/2005	
Chloroethane	ND	1.00	µg/L	03/07/2005	

2190 Technology Drive • Schenectady, NY 12308 • Phone: 518 346 4592 Fax: 518 381 6055 • Email: information@nealab.com

NORTHEAST ANALYTICAL LABS

CERIIFICAIE OF ANALYSIS
03/09/2005

NORTHEASIERN ENVIROMENTAL TECH
1476 ROUIE 50
BALLS'ION SPA, NY 12020
CONIACI: JEFF WINK

CUSTOMER ID:	**MW-3**	**NEA ID:**	AI01727
MATRIX :	**WAIER**	**DATE SAMPLED:**	**03/04/2005 IIME: 11:40**
DAIE RECEIVED:	**0310412005 IIME:** 16:40	**PROJECT:**	BIG-N
SAMPLED BY:	**J NASELLI**	**LOCATION:**	**SCHENECIADY,** NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	**11078**

PARAMETER PERFORMED	RESULIS	PQL	UNITS	DAIE COMPLEIED	FLAGS
Chloroform	ND	1 00	µg/L	03/07/2005	
Chloromethane	ND	1 00	µg/L	03/07/2005	
cis-1,2-Dichloroethene	ND	1 00	µg/L	03/07/2005	
cis-1,3-Dichloropropene	ND	1 00	µg/L	03/07/2005	
Dibromochloromethane	ND	1 00	µg/L	03/07/2005	
Dibromomethane	ND	1 00	µg/L	03/07/2005	
Dichlorodifluoromethane	ND	1 00	µg/L	03/07/2005	
Ethylbenzene	ND	1.00	µg/L	03/07/2005	
Hexachlorobutadiene	ND	1.00	µg/L	03/07/2005	
Isopropylbenzene	ND	1 00	µg/L	03/07/2005	
m&p-Xylene	2.36	1 00	µg/L	03/07/2005	
Methylene Chloride	ND	1.00	µg/L	03/07/2005	
MIBE	ND	1.00	µg/L	03/07/2005	
n-Butylbenzene	ND	1 00	µg/L	03/07/2005	
n-Propylbenzene	ND	1 00	µg/L	03/07/2005	
Naphthalene	ND	1 00	µg/L	03/07/2005	
o-Xylene	1.13	1.00	µg/L	03/07/2005	
sec-Butylbenzene	ND	1 00	µg/L	03/07/2005	
Styrene	ND	1 00	µg/L	03/07/2005	
tert-Butylbenzene	ND	1 00	µg/L	03/07/2005	
Tetrachloroethene	ND	1 00	µg/L	03/07/2005	
Toluene	1 31	1.00	µg/L	03/07/2005	
trans-1,2-Dichloroethene	ND	1 00	µg/L	03/07/2005	
trans-1,3-Dichloropropene	ND	1 00	µg/L	03/07/2005	
Irichloroethene	ND	1.00	µg/L	03/07/2005	
Irichlorofluoromethane	ND	1.00	µg/L	03/07/2005	
Vinyl Chloride	ND	1 00	µg/L	03/07/2005	

Note: There were no non-target peaks

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

Northeast Analytical, Inc
Robert E **Wagner,** Laboratory Director

2190 Technology Drive • Schenectady, NY 12308 • Phone: 518.346.4592 Fax: 518.381 6055 • Email: information@nealab.com

NORTHEAST ANALYTICAL LABS

CERTIFICATE OF ANALYSIS
03/09/2005

NORIHEASTERN ENVIROMENIAL IECH
1476 **ROUTE** 50
BALLSTON SPA, NY 12020
CONIACI : JEFF WINK

CUSTOMER ID:	MW-12	**NEA ID:**	AI01728
MAIRIX :	WAIER	**DAIE SAMPLED:** 03/04/2005	**TIME:** 13:46
DAIE RECEIVED:	03/04/2005 **TIME:** 16.40	**PROJECI:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCATION:**	SCHENECIADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMEIER PERFORMED	RESULIS	PQL	UNITS	DAIE COMPLETED	FLAGS
EPA Method 8260B					
1,1,1,2-Tetrachloroethane	ND	1 00	µg/L	03/07/2005	
1,1,1-Trichloroethane	ND	1 00	µg/L	03/07/2005	
1,1,2,2-Tetrachloroethane	ND	1.00	µg/L	03/07/2005	
1,1,2-Trichloroethane	ND	1.00	µg/L	03/07/2005	
I,1-Dichloroethane	ND	1 00	µg/L	03/07/2005	
I,1-Dichloroethene	ND	1 00	µg/L	03/07/2005	
1,1-Dichloropropene	ND	1.00	µg/L	03/07/2005	
1,2,3-Trichlorobenzene	ND	1 00	µg/L	03/07/2005	
1,2,3-Trichloropropane	ND	1 00	µg/L	03/07/2005	
1,2,4-Trichlorobenzene	ND	1 00	µg/L	03/07/2005	
1,2,4-Trimethylbenzene	ND	1 00	µg/L	03/07/2005	
1,2-Dibromo-3-chloropropane	ND	1 00	µg/L	03/07/2005	
1,2-Dibromoethane	ND	1.00	µg/L	03/07/2005	
1,2-Dichlorobenzene	ND	1.00	µg/L	03/07/2005	
1,2-Dichloroethane	ND	1 00	µg/L	03/07/2005	
1,2-Dichloropropane	ND	1.00	µg/L	03/07/2005	
1,3,5-Trimethylbenzene	ND	1.00	µg/L	03/07/2005	
1,3-Dichlorobenzene	ND	1.00	µg/L	03/07/2005	
1,3-Dichloropropane	ND	1.00	µg/L	03/07/2005	
1,4-Dichlorobenzene	ND	1 00	µg/L	03/07/2005	
2,2-Dichloropropane	ND	1 00	µg/L	03/07/2005	
2-Butanone	ND	1.00	µg/L	03/07/2005	
2-Chloroethylvinylether	ND	1.00	µg/L	03/07/2005	
2-Chlorotoluene	ND	1.00	µg/L	03/07/2005	
2-Hexanone	ND	1.00	µg/L	03/07/2005	
4-Chlorotoluene	ND	1.00	µg/L	03/07/2005	
4-Isopropyltoluene	ND	1.00	µg/L	03/07/2005	
4-Methyl-2-pentanone	ND	1.00	µg/L	03/07/2005	
Acetone	ND	5.00	µg/L	03/07/2005	
Benzene	ND	1.00	µg/L	03/07/2005	
Bromobenzene	ND	1 00	µg/L	03/07/2005	
Bromochloromethane	ND	1 00	µg/L	03/07/2005	
Bromodichloromethane	ND	1 00	µg/L	03/07/2005	
Bromoform	ND	1 00	µg/L	03/07/2005	
Bromomethane	ND	1 00	µg/L	03/07/2005	
Carbon Disulfide	ND	1 00	µg/L	03/07/2005	
Carbon Tetrachloride	ND	1 00	µg/L	03/07/2005	
Chlorobenzene	ND	1 00	µg/L	03/07/2005	
Chloroethane	ND	1 00	µg/L	03/07/2005	

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03/09/2005

NORTHEASTERN ENVIROMENIAL IECH
1476 ROUTE 50
BALLSION SPA, NY 12020
CONIACI: JEFF WINK

CUSTOMER ID:	**MW-12**	**NEA ID:**	AI01728
MATRIX:	**WATER**	**DAIE SAMPLED:**	**03/04/2005** **TIME:** 13:46
DATE RECEIVED:	**03/04/2005** TIME: 16:40	**PROJECT:**	**BIG-N**
SAMPLED BY:	J **NASELLI**	**LOCAIION:**	**SCHENECIADY, NY**
CUSTOMER PO:	N/A	**LAB ELAP #:**	**11078**

PARAMEIER PERFORMED	RESULIS	PQL	UNIIS	DAIE COMPLETED	FLAGS
Chloroform	ND	1.00	µg/L	03/07/2005	
Chloromethane	ND	1 00	µg/L	03/07/2005	
cis-1,2-Dichloroethene	ND	1 00	µg/L	03/07/2005	
cis-1,3-Dichloropropene	ND	1 00	µg/L	03/07/2005	
Dibromochloromethane	ND	1 00	µg/L	03/07/2005	
Dibromomethane	ND	1 00	µg/L	03/07/2005	
Dichlorodifluoromethane	ND	1 00	µg/L	03/07/2005	
Ethylbenzene	ND	1 00	µg/L	03/07/2005	
Hexachlorobutadiene	ND	1 00	µg/L	03/07/2005	
Isopropylbenzene	ND	1 00	µg/L	03/07/2005	
m&p-Xylene	ND	1 00	µg/L	03/07/2005	
Methylene Chloride	ND	1 00	µg/L	03/07/2005	
MIBE	ND	1 00	µg/L	03/07/2005	
n-Butylbenzene	ND	1 00	µg/L	03/07/2005	
n-Propylbenzene	ND	1 00	µg/L	03/07/2005	
Naphthalene	ND	1 00	µg/L	03/07/2005	
o-Xylene	ND	1 00	µg/L	03/07/2005	
sec-Butylbenzene	ND	1 00	µg/L	03/07/2005	
Styrene	ND	1 00	µg/L	03/07/2005	
tert-Butylbenzene	ND	1.00	µg/L	03/07/2005	
Iettachloroethene	ND	1 00	µg/L	03/07/2005	
Ioluene	ND	1.00	µg/L	03/07/2005	
trans-I,2-Dichloroethene	ND	1 00	µg/L	03/07/2005	
trans-I,3-Dichloropropene	ND	1.00	µg/L	03/07/2005	
Itichloroethene	ND	1.00	µg/L	03/07/2005	
Irichlotofluoromethane	ND	1 00	µg/L	03/07/2005	
Vinyl Chloride	ND	1 00	µg/L	03/07/2005	

Note: There **were** no non-target peaks

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQI
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED **SIGNATURE:**

Northeast Analytical Inc
Robert E **Wagner,** Laboratory Director

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NORTHEAST ANALYTICAL LABS

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03/09/2005

NORTHEASTERN ENVIROMENTAL TECH
1476 ROUTE 50
BALLSION SPA, NY 12020
CONIACT: JEFF WINK

CUSTOMER ID: MW-13 **NEA ID:** AI01729
MAIRIX: WATER **DAIE SAMPLED:** 0310412005 **IIME:** 12:15
DAIE RECEIVED: 0310412005 **IIME:** 16:40 **PROJECT:** BIG-N
SAMPLED BY: J NASELLI **LOCAIION:** SCHENECTADY, NY
CUSIOMER PO: NIA **LAB ELAP #:** 11078

PARAMEIER PERFORMED	RESULTS	PQL	UNITS	DAIE COMPLEIED	FLAGS
EPA Method 8260B					
1,1,1,2-Tetrachloroethane	ND	1.00	µg/L	03/07/2005	
1,1,1-Trichloroethane	ND	1.00	µg/L	03/07/2005	
1,1,2,2-Tetrachloroethane	ND	1.00	µg/L	03/07/2005	
1,1,2-Trichloroethane	ND	1.00	µg/L	03/07/2005	
1,1-Dichloroethane	ND	1.00	µg/L	03/07/2005	
1,1-Dichloroethene	ND	1.00	µg/L	03/07/2005	
1,1-Dichloropropene	ND	1.00	µg/L	03/07/2005	
1,2,3-Trichlorobenzene	ND	1.00	µg/L	03/07/2005	
1,2,3-Trichloropropane	ND	1.00	µg/L	03/07/2005	
1,2,4-Trichlorobenzene	ND	1.00	µg/L	03/07/2005	
1,2,4-Trimethylbenzene	1.50	1.00	µg/L	03/07/2005	
1,2-Dibromo-3-chloropropane	ND	1.00	µg/L	03/07/2005	
1,2-Dibromoethane	ND	1.00	µg/L	03/07/2005	
1,2-Dichlorobenzene	ND	1.00	µg/L	03/07/2005	
1,2-Dichloroethane	ND	1.00	µg/L	03/07/2005	
1,2-Dichloropropane	ND	1.00	µg/L	03/07/2005	
1,3,5-Trimethylbenzene	ND	1.00	µg/L	03/07/2005	
1,3-Dichlorobenzene	ND	1.00	µg/L	03/07/2005	
1,3-Dichloropropane	ND	1.00	µg/L	03/07/2005	
1,4-Dichlorobenzene	ND	1.00	µg/L	03/07/2005	
2,2-Dichloropropane	ND	1.00	µg/L	03/07/2005	
2-Butanone	ND	1.00	µg/L	03/07/2005	
2-Chloroethylvinylether	ND	1.00	µg/L	03/07/2005	
2-Chlorotoluene	ND	1.00	µg/L	03/07/2005	
2-Hexanone	ND	1.00	µg/L	03/07/2005	
4-Chlorotoluene	ND	1.00	µg/L	03/07/2005	
4-Isopropyltoluene	ND	1.00	µg/L	03/07/2005	
4-Methyl-2-pentanone	ND	1.00	µg/L	03/07/2005	
Acetone	8.09	5.00	µg/L	03/07/2005	
Benzene	ND	1.00	µg/L	03/07/2005	
Bromobenzene	ND	1.00	µg/L	03/07/2005	
Bromochlorornethane	ND	1.00	µg/L	03/07/2005	
Bromodichlorornethane	ND	1.00	µg/L	03/07/2005	
Bromoform	ND	1.00	µg/L	03/07/2005	
Bromomethane	ND	1.00	µg/L	03/07/2005	
Carbon Disulfide	ND	1.00	µg/L	03/07/2005	
Carbon Ietrachloride	ND	1.00	µg/L	03/07/2005	
Chlorobenzene	ND	1.00	µg/L	03/07/2005	
Chloroethane	ND	1.00	µg/L	03/07/2005	

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CERTIFICATE OF ANALYSIS
03/09/2005

NORIHEASIERN ENMROMENIAL IECH
1476 ROUTE 50
BALLSION SPA, NY 12020
CONIACI: **JEFF WINK**

CUSTOMER ID:	MW-13	**NEA ID:**	AI01729
MATRIX:	WATER	**DATE SAMPLED:**	03/04/2005 **TIME:** 12:15
DATE RECEIVED:	03/04/2005 **TIME:** 16 40	**PROJECT:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCAIION:**	SCHENECIADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMEIER PERFORMED	RESULIS	PQL	UNIIS	DAIE COMPLEIED	FLAGS
Chloroform	ND	1 00	µg/L	03/07/2005	
Chloromethane	ND	1 00	µg/L	03/07/2005	
cis-1,2-Dichloroethene	ND	1 00	µg/L	03/07/2005	
cis-1,3-Dichloropropene	ND	1 00	µg/L	03/07/2005	
Dibromochloromethane	ND	1 00	µg/L	03/07/2005	
Dibromomethane	ND	1 00	µg/L	03/07/2005	
Dichlorodifluoromethane	ND	1 00	µg/L	03/07/2005	
Ethylbenzene	ND	1.00	µg/L	03/07/2005	
Hexachlorobutadiene	ND	1 00	µg/L	03/07/2005	
Isopropylbenzene	1 32	1.00	µg/L	03/07/2005	
m&p-Xylene	ND	1.00	µg/L	03/07/2005	
Methylene Chloride	ND	1.00	µg/L	03/07/2005	
MIBE	ND	1.00	µg/L	03/07/2005	
n-Butylbenzene	ND	1 00	µg/L	03/07/2005	
n-Propylbenzene	ND	1 00	µg/L	03/07/2005	
Naphthalene	2 38	1 00	µg/L	03/07/2005	
o-Xylene	ND	1 00	µg/L	03/07/2005	
sec-Butylbenzene	ND	1 00	µg/L	03/07/2005	
Styrene	ND	1 00	µg/L	03/07/2005	
tert-Butylbenzene	ND	1 00	µg/L	03/07/2005	
Tehachloroethene	ND	1 00	µg/L	03/07/2005	
Toluene	ND	1 00	µg/L	03/07/2005	
trans-1,2-Dichloroethene	ND	1.00	µg/L	03/07/2005	
trans-1,3-Dichloropropene	ND	1.00	µg/L	03/07/2005	
Irichloroethene	ND	1 00	µg/L	03/07/2005	
Irichlorofluoromethane	ND	1 00	µg/L	03/07/2005	
Vinyl Chloride	ND	1 00	µg/L	03/07/2005	

Note: I here were many non-target peaks

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concenhation reportable for the sample

AUIHORIZED SIGNAIURE:

Northeast Analytical, lnc
Robert E **Wagner,** Laboratory Director

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NORTHEAST ANALYTICAL LABS

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03/09/2005

NORTHEASIERN ENVIROMENIAL IECH
1476 ROUTE 50
BALLSTON SPA, NY 12020
CON'IACI: **JEFF WINK**

CUSTOMER ID:	**MW-17**	**NEA ID:**	AI01730
MAIRIX :	**WATER**	**DAIE SAMPLED:**	0310412005 **IIME:** 13:10
DAIE RECEIVED:	03/04/2005 **TIME:** 16:40	**PROJECT:**	**BIG-N**
SAMPLED BY:	J NASELLI	**LOCATION:**	**SCHENECIADY,** NY
CUSIOMER PO:	NIA	**LAB ELAP #:**	11078

PARAMEIER PERFORMED	RESULIS	PQL	UNITS	DAIE COMPLEIED	FLAGS
EPA Method 8260B					
1,1,1,2-Tetrachloroethane	ND	1 00	µg/L	03/07/2005	
1,1,1-Trichloroethane	ND	1 00	µg/L	03/07/2005	
1,1,2,2-Tetrachloroethane	ND	1 00	µg/L	03/07/2005	
1,1,2-Trichloroethane	ND	1 00	µg/L	03/07/2005	
1,1-Dichloroethane	ND	1 00	µg/L	03/07/2005	
1,1-Dichloroethene	ND	1 00	µg/L	03/07/2005	
1,1-Dichloropropene	ND	1 00	µg/L	03/07/2005	
1,2,3-Trichlorobenzene	ND	1 00	µg/L	03/07/2005	
1,2,3-Trichloropropane	ND	1 00	µg/L	03/07/2005	
1,2,4-Trichlorobenzene	ND	1 00	µg/L	03/07/2005	
1,2,4-Trimethylbenzene	5 58	1 00	µg/L	03/07/2005	
1,2-Dibromo-3-chloropropane	ND	1 00	µg/L	03/07/2005	
1,2-Dibromoethane	ND	1 00	µg/L	03/07/2005	
1,2-Dichlorobenzene	ND	1 00	µg/L	03/07/2005	
1,2-Dichloroethane	ND	1 00	µg/L	03/07/2005	
1,2-Dichloropropane	ND	1 00	µg/L	03/07/2005	
1,3,5-Trimethylbenzene	1 87	1 00	µg/L	03/07/2005	
1,3-Dichlorobenzene	ND	1 00	µg/L	03/07/2005	
1,3-Dichloropropane	ND	1 00	µg/L	03/07/2005	
1,4-Dichlorobenzene	ND	1 00	µg/L	03/07/2005	
2,2-Dichloropropane	ND	1 00	µg/L	03/07/2005	
2-Butanone	ND	1 00	µg/L	03/07/2005	
2-Chloroethylvinylether	ND	1 00	µg/L	03/07/2005	
2-Chlorotolucne	ND	1 00	µg/L	03/07/2005	
2-Hcxanone	ND	1 00	µg/L	03/07/2005	
4-Chlorotoluene	ND	1 00	µg/L	03/07/2005	
4-Isopropyltoluene	2 46	1 00	µg/L	03/07/2005	
4-Methyl-2-pentanone	ND	1 00	µg/L	03/07/2005	
Acetone	10 4	5 00	µg/L	03/07/2005	
Benzene	7 41	1 00	µg/L	03/07/2005	
Bromobenzene	ND	1 00	µg/L	03/07/2005	
Bromochloromethane	ND	1 00	µg/L	03/07/2005	
Bromodichloromethane	ND	1 00	µg/L	03/07/2005	
Bromoform	ND	1 00	µg/L	03/07/2005	
Bromomethane	ND	1 00	µg/L	03/07/2005	
Carbon Disulfide	ND	1 00	µg/L	03/07/2005	
Carbon Tetrachloride	ND	1 00	µg/L	03/07/2005	
Chlorobenzene	ND	1 00	µg/L	03/07/2005	
Chloroethane	ND	1 00	µg/L	03/07/2005	

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NORTHEAST ANALYTICAL LABS

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NORTHEASTERN ENVIROMENIAL IECH
14'76 ROUTE 50
BALLSTON SPA, NY 12020
CONTACI: **JEFF WINK**

CUSTOMER ID:	MW-17	**NEA ID:**	AI01730
MATRIX :	**WAIER**	**DAIE SAMPLED:**	0310412005 **TIME:** 13:10
DAIE RECEIVED:	0310412005 **TIME:** 16:40	**PROJECI:**	**BIG-N**
SAMPLED BY:	J NASELLI	**LOCAIION:**	**SCHENECIADY, NY**
CUSTOMER PO:	**NIA**	**LAB ELAP #:**	11078

PARAMEIER PERFORMED	RESULIS	PQL	UNITS	DAIE COMPLEIED	FLAGS
Chlorofbrm	ND	1.00	µg/L	03/07/2005	
Chloromethane	ND	1.00	µg/L	03/07/2005	
cis-1,2-Dichloroethene	ND	1 00	µg/L	03/07/2005	
cis-1,3-Dichloropropene	ND	1.00	µg/L	03/07/2005	
Dibromochloromethanc	ND	1.00	µg/L	03/07/2005	
Dibramomethane	ND	1 00	µg/L	03/07/2005	
Dichlorodifluolamcthane	ND	1 00	µg/L	03/07/2005	
Ethylbenzene	1 21	1 00	µg/L	03/07/2005	
Hexachlorobutadieue	ND	1 00	µg/L	03/07/2005	
Isopropylbenzene	13.6	1 00	µg/L	03/07/2005	
m&p-Xylene	2 64	1 00	µg/L	03/07/2005	
Methylene Chloride	ND	1 00	µg/L	03/07/2005	
MIBE	ND	1 00	µg/L	03/07/2005	
n-Butylbenzene	ND	1 00	µg/L	03/07/2005	
n-Propylbenzene	16 1	1 00	µg/L	03/07/2005	
Naphthalene	17.4	1.00	µg/L	03/07/2005	
o-Xylene	2 96	1 00	µg/L	03/07/2005	
sec-Butylbenzene	3 95	1 00	µg/L	03/07/2005	
Styrene	ND	1 00	µg/L	03/07/2005	
tert-Butylbenzene	ND	1 00	µg/L	03/07/2005	
Ietrachloroethene	ND	1 00	µg/L	03/07/2005	
Ioluene	1 50	1 00	µg/L	03/07/2005	
trans-1,2-Dichloroethene	ND	1 00	µg/L	03/07/2005	
trans-1,3-Dichloropropene	ND	1 00	µg/L	03/07/2005	
Irichloroethene	ND	1 00	µg/L	03/07/2005	
Irichlorofluoromethane	ND	1 00	µg/L	03/07/2005	
Vinyl Chloride	11 6	1 00	µg/L	03/07/2005	

Note: There were many "on-target peaks

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

Northeast Analytical, Inc
Robert E Wagner, Laboratory Director

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NORTHEAST ANALYTICAL LABS

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NORTHEASIERN ENVIROMENTAL TECH
1476 **ROUTE 50**
BALLSION SPA, NY 12020
CONIACI: JEFF WINK

CUSIOMERID:	MW-18	**NEA ID:**	AI01731
MATRIX:	WATER	**DATE SAMPLED:**	03/04/2005 **TIME:** 12:45
DAIE RECEIVED:	03/04/2005 **TIME:** 1640	**PROJECT:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCATION:**	SCHENECTADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMEIER PERFORMED	RESULIS	PQL	UNITS	DAIE COMPLEIED	FLAGS
EPA Method 8260B					
1,1,1,2-Tetrachloroethane	ND	1.00	µg/L	03/07/2005	
1,1,1-Trichloroethane	ND	1.00	µg/L	03/07/2005	
1,1,2,2-Tetrachloroethane	ND	1.00	µg/L	03/07/2005	
1,1,2-Trichloroethane	ND	1.00	µg/L	03/07/2005	
1,1-Dichloroethane	ND	1.00	µg/L	03/07/2005	
1,1-Dichloroethene	ND	1.00	µg/L	03/07/2005	
1,1-Dichloropropene	ND	1.00	µg/L	03/07/2005	
1,2,3-Trichlorobenzene	ND	1.00	µg/L	03/07/2005	
1,2,3-Trichloropropane	ND	1.00	µg/L	03/07/2005	
1,2,4-Trichlorobenzene	ND	1.00	µg/L	03/07/2005	
1,2,4-Trimethylbenzene	ND	1.00	µg/L	03/07/2005	
1,2-Dibromo-3-chloropropane	ND	1.00	µg/L	03/07/2005	
1,2-Dibromoethane	ND	1.00	µg/L	03/07/2005	
1,2-Dichlorobenzene	ND	1.00	µg/L	03/07/2005	
1,2-Dichloroethane	ND	1.00	µg/L	03/07/2005	
1,2-Dichloropsopane	ND	1.00	µg/L	03/07/2005	
1,3,5-Trimethylbenzene	ND	1.00	µg/L	03/07/2005	
1,3-Dichlorobenzene	ND	1.00	µg/L	03/07/2005	
1,3-Dichloropropane	ND	1.00	µg/L	03/07/2005	
1,4-Dichlorabenzene	ND	1.00	µg/L	03/07/2005	
2,2-Dichloropropane	ND	1.00	µg/L	03/07/2005	
2-Butanone	ND	1.00	µg/L	03/07/2005	
2-Chloroethylvinylether	ND	1.00	µg/L	03/07/2005	
2-Chlorotoluene	ND	1.00	µg/L	03/07/2005	
2-Hexanone	ND	1.00	µg/L	03/07/2005	
4-Chlorotoluene	ND	1.00	µg/L	03/07/2005	
4-Isopropyltoluene	ND	1.00	µg/L	03/07/2005	
4-Methyl-2-pentanone	ND	1.00	µg/L	03/07/2005	
Acetone	29.2	5.00	µg/L	03/07/2005	
Benzene	ND	1.00	µg/L	03/07/2005	
Bromobenzene	ND	1.00	µg/L	03/07/2005	
Bromochloromethane	ND	1.00	µg/L	03/07/2005	
Bromodichloromethane	ND	1.00	µg/L	03/07/2005	
Bromoform	ND	1.00	µg/L	03/07/2005	
Bromomethane	ND	1.00	µg/L	03/07/2005	
Carbon Disulfide	ND	1.00	µg/L	03/07/2005	
Carbon Tetrachloride	ND	1.00	µg/L	03/07/2005	
Chlorobenzene	ND	1.00	µg/L	03/07/2005	
Chloroethane	ND	1.00	µg/L	03/07/2005	

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03/09/2005

NORTHEASTERN ENVIROMENIAL IECH
1476 ROUTE 50
BALLSION SPA, NY 12020
CONIACI: **JEFF WINK**

CUSIOMERID:	MW-18	**NEA ID:**	AI01731
MATRIX:	WATER	**DATE SAMPLED:** 0310412005 **TIME:**	12:45
DATE RECEIVED:	0310412005 **IIME:** 16:40	**PROJECI:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCAIION:**	SCHENECIADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMEIER **PERFORMED**	**RESULTS**	**PQL**	UNITS	DAIE COMPLEIED	**FLAGS**
Chloroform	ND	1.00	µg/L	03/07/2005	
Chloromethane	ND	1.00	µg/L	03/07/2005	
cis-1,2-Dichloroethene	ND	1.00	µg/L	03/07/2005	
cis-1,3-Dichloropropene	ND	1.00	µg/L	03/07/2005	
Dibromochloromethane	ND	1.00	µg/L	03/07/2005	
Dibromomethane	ND	1.00	µg/L	03/07/2005	
Dichlorodifluoromethane	ND	1.00	µg/L	03/07/2005	
Ethylbenzene	ND	1.00	µg/L	03/07/2005	
Hexachlorobutadiene	ND	1.00	µg/L	03/07/2005	
Isopropylbenzene	ND	1.00	µg/L	03/07/2005	
m&p-Xylene	ND	1.00	µg/L	03/07/2005	
Methylene Chloride	ND	1.00	µg/L	03/07/2005	
MTBE	ND	1.00	µg/L	03/07/2005	
n-Butylbenzene	ND	1.00	µg/L	03/07/2005	
n-Propylbenzene	ND	1.00	µg/L	03/07/2005	
Naphthalene	1.54	1.00	µg/L	03/07/2005	
o-Xylene	ND	1.00	µg/L	03/07/2005	
sec-Butylbenzene	ND	1.00	µg/L	03/07/2005	
Styrene	ND	1.00	µg/L	03/07/2005	
tert-Butylbenzene	ND	1.00	µg/L	03/07/2005	
Tetrachloroethene	ND	1.00	µg/L	03/07/2005	
Toluene	ND	1.00	µg/L	03/07/2005	
trans-1,2-Dichloroethene	ND	1.00	µg/L	03/07/2005	
trans-1,3-Dichloropropene	ND	1.00	µg/L	03/07/2005	
Trichloroethene	ND	1.00	µg/L	03/07/2005	
Trichlorofluoromethane	ND	1.00	µg/L	03/07/2005	
Vinyl Chloride	ND	1.00	µg/L	03/07/2005	

Note: There were no non-target peaks

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

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EPA METHOD 8270 (BASE / NEUTRAL)

GROUNDWATER ANALYTICAL DATA (EPA Method 8270 Base / Neutral) Page 1 of 2

Big N Plaza

1520 **Maxon Road Schenectady. New York**

Sampled on February 28, 2005

PARAMETER	GROUNDWATER SAMPLE DESCRIPTION					DEC
	MW-3	MW-12	MW-13	MW-17	MW-18	
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	5*
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	3
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	5*
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	5*
2-Chloronaphthalene	ND	ND	ND	ND	ND	10
2-Methylnaphthalene	ND	ND	ND	532	ND	50
2-Nitroaniline	ND	ND	ND	ND	ND	5*
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	5*
3-Nitroaniline	ND	ND	ND	ND	ND	5*
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	5*
4-Chloroaniline	ND	ND	ND	ND	ND	5
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	5*
4-Nitroaniline	ND	ND	ND	ND	ND	5*
Acenaphthene	ND	ND	ND	ND	ND	20
Acenaphthylene	ND	ND	ND	ND	ND	20
Anthracene	ND	ND	ND	ND	ND	50
Benzo(a)anthracene	ND	ND	ND	ND	ND	0.002
Benzo(a)pyrene	ND	ND	ND	ND	ND	0.002(ND)
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	0.002
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	5
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	0.002
bis (2-Chloroethoxy) methane	ND	ND	ND	ND	ND	5*
bis (2-Chloroethyl) ether	ND	ND	ND	ND	ND	1
bis (2-Chloroisopropyl) ether	ND	ND	ND	ND	ND	5*
bis (2-Ethylhexyl) phthalate	ND	ND	ND	ND	ND	5

Notes: All concentrations are in ug/kg or ppb (parts per billion)

DEC = Groundwater quality standards & guidelines (6NYCRR Port 703) and NYSDEC - TAGM - Determination of Soil Cleanup Objectives and Cleanup Levels 1994

*Principal organic compound standard for groundwater is 5 ppb

GROUNDWATER ANALYTICAL DATA (EPA Method 8270 Base / Neutral) Page 2 of 2

Big N Plaza

1520 Maxon Road Schenectady, New York

Sampled on February 28,2005

PARAMETER	GROUNDWATER SAMPLE DESCRIPTION					DEC
	MW-3	MW-12	MW-13	MW-17	MW-18	
Butylbenzylphthalate	ND	ND	ND	ND	ND	50
Carbazole	ND	ND	ND	ND	ND	5*
Chrysene	ND	ND	ND	ND	ND	0.002
Di-n-butyl phthalate	ND	ND	ND	ND	ND	50
Di-n-octyl phthalate	ND	ND	ND	ND	ND	50
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	50
Dibenzofuran	ND	ND	ND	ND	ND	5
Diethylphthalate	ND	ND	ND	ND	ND	50
Dimethylphthalate	ND	ND	ND	ND	ND	50
Fluoranthene	ND	ND	ND	22.9	36.3	50
Fluorene	ND	ND	ND	ND	ND	50
Hexachlorobenzene	ND	ND	ND	ND	ND	0.04
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.05
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	5*
Hexachloroethane	ND	ND	ND	ND	ND	5
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	0.002
Isophorone	ND	ND	ND	ND	ND	50
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	5*
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	5*
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	5*
Naphthalene	ND	ND	ND	32.8	ND	10
Nitrobenzene	ND	ND	ND	ND	ND	0.4
Phenanthrene	ND	ND	ND	65.5	31.7	50
Pyrene	ND	ND	ND	24.2	26.7	50
Total SVOCs	0.0	0.0	0.0	**677.4**	**94.7**	-----

Notes: All concentrations are in ug/kg or ppb (parts per billion)

DEC = Groundwater quality standards &guidelines (6NYCRR Part 703) and NYSDEC - TAGM - Determination of Soil Cleanup Objectives and Cleanup Levels 1994

"Principal organic compound standard for groundwater is 5 ppb

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NORTHEAST ANALYTICAL LABS

CERTIFICATE OF ANALYSIS
03/11/2005

NORTHEASTERN ENVIROMENTAL TECH
1476 ROUTE 50
BALLSTON SPA, NY 12020
CONTACT: JEFF WINK

CUSTOMER ID:	MW-3	**NEA ID:**	AI01727
MATRIX:	WATER	**DATE SAMPLED:**	03/04/2005 **TIME:** 11:40
DATE RECEIVED:	03/04/2005 **TIME:** 16:40	**PROJECT:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCATION:**	SCHENECIADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
EPA Method 8270C B/N					
1,2,4-Trichlorobenzene	ND	18.5	µg/L	03/10/2005	
1,2-Dichlorobenzene	ND	18 5	µg/L	03/10/2005	
1,3-Dichlorobenzene	ND	18.5	µg/L	03/10/2005	
1,4-Dichlorobenzene	ND	18.5	µg/L	03/10/2005	
2,4-Dinitrotoluene	ND	18.5	µg/L	03/10/2005	
2,6-Dinitrotoluene	ND	18 5	µg/L	03/10/2005	
2-Chloronaphthalene	ND	18 5	µg/L	03/10/2005	
2-Methylnaphthalene	ND	18.5	µg/L	03/10/2005	
2-Nitroaniline	ND	18.5	µg/L	03/10/2005	
3,3'-Dichlorobenzidine	ND	18.5	µg/L	03/10/2005	
3-Nitroaniline	ND	18 5	µg/L	03/10/2005	
4-Bromophenyl-phenylether	ND	18 5	µg/L	03/10/2005	
4-Chloroaniline	ND	18.5	µg/L	03/10/2005	
4-Chlorophenyl-phenylether	ND	18.5	µg/L	03/10/2005	
4-Nitroaniline	ND	18 5	µg/L	03/10/2005	
Acenaphthene	ND	18 5	µg/L	03/10/2005	
Acenaphthylene	ND	18 5	µg/L	03/10/2005	
Anthracene	ND	18.5	µg/L	03/10/2005	
Benzo(a)anthracene	ND	18.5	µg/L	03/10/2005	
Benzo(a)pyrene	ND	18 5	µg/L	03/10/2005	
Benzo(b)fluoranthene	ND	18 5	µg/L	03/10/2005	
Benzo(g,h,i)perylene	ND	18.5	µg/L	03/10/2005	
Benzo(k)fluoranthene	ND	18.5	µg/L	03/10/2005	
bis(2-chloroethoxy)methane	ND	18 5	µg/L	03/10/2005	
bis(2-chloroethyl)ether	ND	18 5	µg/L	03/10/2005	
bis(2-Chloroisopropyl)ether	ND	18.5	µg/L	03/10/2005	
bis(2-Ethylhexyl)phthalate	ND	18.5	µg/L	03/10/2005	
Butylbenzylphthalate	ND	18 5	µg/L	03/10/2005	
Carbazole	ND	18 5	µg/L	03/10/2005	
Chtysene	ND	18 5	µg/L	03/10/2005	
Di-n-butylphthalate	ND	18.5	µg/L	03/10/2005	
Di-n-octylphthalate	ND	18 5	µg/L	03/10/2005	
Dibenz(a,h)anthracene	ND	18 5	µg/L	03/10/2005	

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CONTACT: JEFF WINK

CUSIOMER ID:	**MW-3**	**NEA ID:**	A101727
MATRIX:	**WATER**	**DATE SAMPLED:**	03/04/2005 **TIME:** 11:40
DATERECEIVED:	03/04/2005 **TIME:** 16:40	**PROJECT:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCAIION:**	SCHENECTADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DAIE ANALYZED	FLAGS
Dibenzofuran	ND	18.5	µg/L	03/10/2005	
Diethylphthalate	ND	18.5	µg/L	03/10/2005	
Dirnethylphthalate	ND	18.5	µg/L	03/10/2005	
Fluoranthene	ND	18.5	µg/L	03/10/2005	
Fluorene	ND	18.5	µg/L	03/10/2005	
Hexachlorobenzene	ND	18.5	µg/L	03/10/2005	
Hexachlorobutadiene	ND	18.5	µg/L	03/10/2005	
Hexachlorocyclopentadiene	ND	18.5	µg/L	03/10/2005	
Hexachloroethane	ND	18.5	µg/L	03/10/2005	
Indeno(1,2,3-cd)pyrene	ND	18.5	µg/L	03/10/2005	
Isophorone	ND	18.5	µg/L	03/10/2005	
N-Nitroso-di-n-propylamine	ND	18.5	µg/L	03/10/2005	
N-Nitrosodiphenylamine	ND	18.5	µg/L	03/10/2005	
Naphthalene	ND	18.5	µg/L	03/10/2005	
Nitrobenzene	ND	18.5	µg/L	03/10/2005	
Phenanthrene	ND	18.5	µg/L	03/10/2005	
Pyrene	ND	18.5	µg/L	03/10/2005	

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNAIURE:

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NORTHEASIERN ENVIROMENTAL IECH
1476 ROUTE 50
BALLS'ION SPA. NY 12020
CONIACT: JEFF WINK

CUSTOMER ID:	MW-12	**NEA ID:**	AI01732
MATRIX :	WATER	**DATE SAMPLED:**	0310712005 **TIME:** 09:30
DAIE RECEIVED:	03/08/2005 **TME:** 09:45	**PROJECI:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCAIION:**	SCHENECTADY, NY
CUSIOMER PO.	NIA	**LAB ELAP #:**	11078

PARAMEIER PERFORMED	RESULIS	PQL	UNIIS	DAIE ANALYZED	FLAGS
EPA Method 82 70C B/N					
1,2,4-Trichlorobenzene	ND	19.8	µg/L	03/10/2005	
1,2-Dichlorobenzene	ND	19.8	µg/L	03/10/2005	
1,3-Dichlorobenzene	ND	19.8	µg/L	03/10/2005	
1,4-Dichlorobenzene	ND	19.8	µg/L	03/10/2005	
2,4-Dinitrotoluene	ND	19.8	µg/L	03/10/2005	
2,6-Dinitrotoluene	ND	19 8	µg/L	03/10/2005	
2-Chlosonaphthalene	ND	19 8	µg/L	03/10/2005	
2-Methylnaphthalene	ND	19 8	µg/L	03/10/2005	
2-Nitroaniline	ND	19 8	µg/L	03/10/2005	
3,3'-Dichlorobenzidine	ND	19 8	µg/L	03/10/2005	
3-Nitroaniline	ND	19 8	µg/L	03/10/2005	
4-Bromophenyl-phenylether	ND	19.8	µg/L	03/10/2005	
4-Chloroaniline	ND	19.8	µg/L	03/10/2005	
4-Chlorophenyl-phenylether	ND	19.8	µg/L	03/10/2005	
4-Nitroaniline	ND	19.8	µg/L	03/10/2005	
Acenaphthene	ND	19.8	µg/L	03/10/2005	
Acenaphthylene	ND	19 8	µg/L	03/10/2005	
Anthracene	ND	19 8	µg/L	03/10/2005	
Benzo(a)anthracene	ND	19 8	µg/L	03/10/2005	
Benzo(a)pyrene	ND	19 8	µg/L	03/10/2005	
Benzo(b)fluoranthene	ND	19.8	µg/L	03/10/2005	
Benzo(g,h,i)perylene	ND	19.8	µg/L	03/10/2005	
Benzo(k)fluoranthene	ND	19.8	µg/L	03/10/2005	
bis(2-chloroethoxy)methane	ND	19.8	µg/L	03/10/2005	
bis(2-chloroethyl)ether	ND	19 8	µg/L	03/10/2005	
bis(2-Chloroisopropyl)ether	ND	19 8	µg/L	03/10/2005	
bis(2-Ethylhexyl)phthalate	ND	19 8	µg/L	03/10/2005	
Butylbenzylphthalate	ND	19 8	µg/L	03/10/2005	
Carbazole	ND	19 8	µg/L	03/10/2005	
Chrysene	ND	19.8	µg/L	03/10/2005	
Di-n-butylphthalate	ND	19.8	µg/L	03/10/2005	
Di-n-octylphthaldte	ND	19.8	µg/L	03/10/2005	
Dibenz(a,h)anthracene	ND	19.8	µg/L	03/10/2005	

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NORTHEASIERN ENVIROMENIAL **TECH**
1476 ROUTE **50**
BALLSTON SPA, NY **12020**
CONTACT: JEFF WINK

CUSTOMER ID:	MW-12	NEA ID:	AI01732
MATRIX:	WATER	DATE SAMPLED:	03/07/2005 TIME: 09:30
DATE RECEIVED:	03/08/2005 **TIME:** 09:45	PROJECT:	BIG-N
SAMPLED BY:	J NASELLI	LOCAIION:	SCHENECTADY, NY
CUSTOMER PO:	N/A	LAB ELAP #:	11078

PARAMEIER PERFORMED	RESULIS	PQL	UNITS	DAIE ANALYZED	FLAGS
Dibenzofuran	ND	19.8	µg/L	03/10/2005	
Diethylphthalate	ND	19.8	µg/L	03/10/2005	
Dimethylphthalate	ND	19 8	µg/L	03/10/2005	
Fluoranthene	ND	19 8	µg/L	03/10/2005	
Fluorene	ND	19 8	µg/L	03/10/2005	
Hexachlorobenzene	ND	19.8	µg/L	03/10/2005	
Hexachlorobutadiene	ND	19.8	µg/L	03/10/2005	
Hexachlorocyclopentadiene	ND	19.8	µg/L	03/10/2005	
Hexachloroethane	ND	19 8	µg/L	03/10/2005	
Indeno(1 2,3-cd)pyrene	ND	19 8	µg/L	03/10/2005	
lsophorone	ND	19.8	µg/L	03/10/2005	
N-Nitroso-di-n-propylamine	ND	19.8	µg/L	03/10/2005	
N-Nitrosodiphenylamine	ND	19.8	µg/L	03/10/2005	
Naphthalene	ND	19 8	µg/L	03/10/2005	
Nitrobenzene	ND	19 8	µg/L	03/10/2005	
Phenanthrene	ND	19.8	µg/L	03/10/2005	
Pyrene	ND	19.8	µg/L	03/10/2005	

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

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1476 ROUTE 50
BALLSION SPA, NY 12020
CONIACT: JEFF WINK

CUSTOMER ID:	**MW-13**	**NEA ID:**	AI01729
MATRIX:	WAIER	**DATE SAMPLED:**	03/04/2005 **TIME:** 12:15
DATE RECEIVED:	03/04/2005 **TIME:** 16:40	**PROJECI:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCAIION:**	SCHENECIADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
EPA Method 8270C B/N					
1,2,4-Trichlorobenzene	ND	19 6	µg/L	03/10/2005	
1,2-Dichlorobenzene	ND	19.6	µg/L	03/10/2005	
1,3-Dichlorobenzene	ND	19.6	µg/L	03/10/2005	
1,4-Dichlorobenzene	ND	19.6	µg/L	03/10/2005	
2,4-Dinitrotoluene	ND	19.6	µg/L	03/10/2005	
2,6-Dinitrotoluene	ND	19.6	µg/L	03/10/2005	
2-Chloronaphthalene	ND	19.6	µg/L	03/10/2005	
2-Methylnaphthalene	ND	19.6	µg/L	03/10/2005	
2-Nitroaniline	ND	19.6	µg/L	03/10/2005	
3,3'-Dichlorobenzidine	ND	19 6	µg/L	03/10/2005	
3-Nitroaniline	ND	19 6	µg/L	03/10/2005	
4-Bromophenyl-phenylether	ND	19 6	µg/L	03/10/2005	
4-Chloroaniline	ND	19 6	µg/L	03/10/2005	
4-Chlorophenyl-phenylether	ND	19.6	µg/L	03/10/2005	
4-Nitroaniline	ND	19.6	µg/L	03/10/2005	
Acenaphthene	ND	19.6	µg/L	03/10/2005	
Acenaphthylene	ND	19.6	µg/L	03/10/2005	
Anthracene	ND	19 6	µg/L	03/10/2005	
Benzo(a)anthracene	ND	19.6	µg/L	03/10/2005	
Benzo(a)pyrene	ND	19.6	µg/L	03/10/2005	
Benzo(b)fluoranthene	ND	19 6	µg/L	03/10/2005	
Benzo(g,h,i)perylene	ND	19 6	µg/L	03/10/2005	
Benzo(k)fluoranthene	ND	19 6	µg/L	03/10/2005	
bis(2-chloroethoxy)methane	ND	19 6	µg/L	03/10/2005	
bis(2-chloroethyl)ether	ND	19 6	µg/L	03/10/2005	
bis(2-Chloroisopropyl)ether	ND	19.6	µg/L	03/10/2005	
bis(2-Ethylhexyl)phthalate	ND	19.6	µg/L	03/10/2005	
Butylbenzylphthalate	ND	19 6	µg/L	03/10/2005	
Carbazole	ND	19.6	µg/L	03/10/2005	
Chrysene	ND	19 6	µg/L	03/10/2005	
Di-n-butylphthalate	ND	19 6	µg/L	03/10/2005	
Di-n-octylphthalate	ND	19 6	µg/L	03/10/2005	
Dibenz(a,h)anthracene	ND	19 6	µg/L	03/10/2005	

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03/11/2005

NOR'IHEASIERN ENVIROMENIAL TECH
1476 RQUIE 50
BALLSTON SPA, NY 12020
CONIACT: JEFF WINK

CUSTOMER ID:	MW-13	**NEA** ID:	AI01729
MATRIX:	WATER	**DATE SAMPLED:**	0310412005 **IIME:** 12:15
DATE RECEIVED:	03/04/2005 **IME:** 16:40	**PROJECI:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCATION:**	SCHENECTADY, NY
CUSTOMER PO:	NIA	**LAB ELAP #**	11078

PARAMEIER PERFORMED	RESULIS	PQL	UNITS	DAIE ANALYZED	FLAGS
Dibenzofuran	ND	19 6	µg/L	03/10/2005	
Diethylphthalate	ND	19.6	µg/L	03/10/2005	
Dimethylphthalate	ND	19.6	µg/L	03/10/2005	
Fluoranthene	ND	19.6	µg/L	03/10/2005	
Fluorene	ND	19 6	µg/L	03/10/2005	
Hexachlorobenzene	ND	19.6	µg/L	03/10/2005	
Hexachlorobutadiene	ND	19 6	µg/L	03/10/2005	
Hexachlorocyclopentadiene	ND	19.6	µg/L	03/10/2005	
Hexachloroethane	ND	19.6	µg/L	03/10/2005	
Indeno(1,2,3-cd)pyrene	ND	19 6	µg/L	03/10/2005	
lsophorone	ND	19.6	µg/L	03/10/2005	
N-Nitroso-di-n-propylamine	ND	19.6	µg/L	03/10/2005	
N-Nitrosodiphenylamine	ND	19.6	µg/L	03/10/2005	
Naphthalene	ND	19 6	µg/L	03/10/2005	
Nitrobenzene	ND	19.6	µg/L	03/10/2005	
Phenanthrene	ND	19.6	µg/L	03/10/2005	
Pyrene	ND	19.6	µg/L	03/10/2005	

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical QuantitationLimit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

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NORTHEAST ANALYTICAL LABS

CERTIFICATE OF ANALYSIS
03/16/2005

NORIHEASIERN ENVIROMENIAL IECH
1476 ROUTE 50
BALLSTON SPA, NY 12020
CONTACT: JEFF WINK

CUSIOMER ID:	**MW-17**	**NEA ID:**	AI01730
MATRIX :	WATER	**DAIE SAMPLED:**	0.310412005 **TIME:** 13:10
DATE RECEIVED:	0310412005 **TIME:** 16:40	**PROJECT:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCATION:**	SCHENECTADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMETER PERFORMED	RESULIS	PQL	UNITS	DAIE ANALYZED	FLAGS
EPA Method 8270C B/N					
1,2,4-Trichlorobenzene	ND	18 5	µg/L	03/10/2005	
1,2-Dichlorobenzene	ND	18.5	µg/L	03/10/2005	
1,3-Dichlorobenzene	ND	18 5		03/10/2005	
1,4-Dichlorobenzene	ND	18 5	µg/L	03/10/2005	
2,4-Dinitrotoluene	ND	18 5	µg/L	03/10/2005	
2.6-Dinitsotoluene	ND	18 5	µg/L	03/10/2005	
2-Chloronaphthalene	ND	185	µg/L	03/10/2005	
2-Methylnaphthalene	532	46 3	µg/L	03/10/2005	
2-Nitsoaniline	ND	185	µg/L	03/10/2005	
3,3'-Dichlorobenzidine	ND	185	µg/L	03/10/2005	
3-Nitsoaniline	ND	18 5	µg/L	03/10/2005	
4-Bsomophenyl-phenylether	ND	18 5		03/10/2005	
4-Chlosoaniline	ND	18.5	µg/L	03/10/2005	
4-Chlosophenyl-phenylethn	ND	18 5	µg/L	03/10/2005	
4-Nitroaniline	ND	18 5	µg/L	03/10/2005	
Acenaphthene	ND	18.5	µg/L	03/10/2005	
Acenaphthylene	ND	185	µg/L	03/10/2005	
Anthracene	ND	18 5	µg/L	03/10/2005	
Benzo(a)anthracene	ND	18 5	µg/L	03/10/2005	
Benzo(a)pyrene	ND	18 5	µg/L	03/10/2005	
Benzo(b)fluoranthene	ND	185	µg/L	03/10/2005	
Benzo(g,h,i)perylene	ND	185	µg/L	03/10/2005	
Benzo(k)fluoranthene	ND	18 5	µg/L	03/10/2005	
bis(2-chloroethoxy)methane	ND	18 5	µg/L	03/10/2005	
bis(2-chloroethyl)ether	ND	18 5	µg/L	03/10/2005	
bis(2-Chloroisopropyl)ether	ND	18 5	µg/L	03/10/2005	
bis(2-Ethylhexyl)phthalate	ND	185	µg/L	03/10/2005	
Butylbenzylphthalate	ND	18 5	µg/L	03/10/2005	
Carbazole	ND	18 5	µg/L	03/10/2005	
Chrysene	ND	18 5	µg/L	03/10/2005	
Di-n-butylphthalate	ND	185	µg/L	03/10/2005	
Di-n-octylphthalate	ND	18 5	µg/L	03/10/2005	
Dibenz(a,h)anthracene	ND	18 5	µg/L	03/10/2005	

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03/16/2005

NORTHEASTERN ENVIROMENIAL IECH
1476 ROUTE 50
BALLSTON SPA, NY 12020
CONTACT: JEFF WINK

CUSTOMER ID:	MW-17	**NEA ID:**	AI01730
MATRIX:	WAIER	**DATE SAMPLED:** 03/04/2005	**TIME:** 13:10
DATE RECEIVED: 03/04/2005	**TIME:** 16:40	**PROJECT:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCATION:**	SCHENECTADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMEIER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
Dibenzofuran	ND	18 5	µg/L	03/10/2005	
Diethylphthalate	ND	18.5	µg/L	03/10/2005	
Dimethylphthalate	ND	18.5	µg/L	03/10/2005	
Fluoranthene	22.9	18.5	µg/L	03/10/2005	
Fluorene	ND	18.5	µg/L	03/10/2005	
Hexachlorobenzene	ND	18 5	µg/L	03/10/2005	
Hexachlorobutadiene	ND	18 5	µg/L	03/10/2005	
Hexachlorocyclopentadiene	ND	18 5	µg/L	03/10/2005	
Hexachloroethane	ND	18 5	µg/L	03/10/2005	
Indeno(1,2,3-cd)pyrene	ND	18.5	µg/L	03/10/2005	
Isophorone	ND	18.5	µg/L	03/10/2005	
N-Nitroso-di-n-propylamine	ND	18.5	µg/L	03/10/2005	
N-Nitrosodiphenylamine	ND	18.5	µg/L	03/10/2005	
Naphthalene	32.8	18 5	µg/L	03/10/2005	
Nihobenzene	ND	18 5	µg/L	03/10/2005	
Phenanthrene	65 5	18 5	µg/L	03/10/2005	
Pyrene	24.2	18.5	µg/L	03/10/2005	

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

Northeast Analytical, Inc
Robert E Wagner, Laboratory Director

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NORTHEAST ANALYTICAL LABS

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03/11/2005

NORTHEASTERN ENVIROMENTAL TECH
1476 ROUIE 50
BALLSTON SPA, NY 12020
CON'IACI: JEFF WINK

CUSTOMER ID:	**MW-18**	**NEA ID:**	AI01731
MAIRIX:	WAIER	**DATE SAMPLED:**	0310412005 **TIME:** 12:45
DATE RECEIVED:	0310412005 **IIME:** 16:40	**PROJECT:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCATION:**	SCHENECIADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
EPA Method 8270C B/N					
1,2,4-Trichlorobenzene	ND	19.6	µg/L	03/10/2005	
1,2-Dichlorobenzene	ND	19.6	µg/L	03/10/2005	
1,3-Dichlorobenzene	ND	19.6	µg/L	03/10/2005	
I,4-Dichlorobenzene	ND	19.6	µg/L	03/10/2005	
2,4-Dinitrotoluene	ND	19.6	µg/L	03/10/2005	
2,6-Dinitrotoluene	ND	19.6	µg/L	03/10/2005	
2-Chloronaphthalene	ND	19 6	µg/L	03/10/2005	
2-Methylnaphthalene	ND	19 6	µg/L	03/10/2005	
2-Nitsoaniline	ND	19 6	µg/L	03/10/2005	
3,3'-Dichlorobenzidine	ND	19 6	µg/L	03/10/2005	
3-Nitsoaniline	ND	19.6	µg/L	03/10/2005	
4-Bromophenyl-phenylether	ND	19.6	µg/L	03/10/2005	
4-Chloroaniline	ND	19.6	µg/L	03/10/2005	
4-Chlorophenyl-phenylether	ND	19.6	µg/L	03/10/2005	
4-Nitroaniline	ND	19.6	µg/L	03/10/2005	
Acenaphthene	ND	19.6	µg/L	03/10/2005	
Acenaphthylene	ND	19 6	µg/L	03/10/2005	
Anthracene	ND	19 6	µg/L	03/10/2005	
Benzo(a)anthracene	ND	19.6	µg/L	03/10/2005	
Benzo(a)pyrene	ND	19 6	µg/L	03/10/2005	
Benzo(b)fluoranthene	ND	19 6	µg/L	03/10/2005	
Benzo(g,h,i)perylene	ND	19.6	µg/L	03/10/2005	
Benzo(k)fluoranthene	ND	19.6	µg/L	03/10/2005	
bis(2-chloroethoxy)methane	ND	19.6	µg/L	03/10/2005	
bis(2-chloroethyl)ether	ND	19 6	µg/L	03/10/2005	
bis(2-Chloroisopropyl)ether	ND	19 6	µg/L	03/10/2005	
bis(2-Ethylhexyl)phthalate	ND	19 6	µg/L	03/10/2005	
Butylbenzylphthalate	ND	19 6	µg/L	03/10/2005	
Carbazole	ND	19 6	µg/L	03/10/2005	
Chrysene	ND	19.6	µg/L	03/10/2005	
Di-n-butylphthalate	ND	19.6	µg/L	03/10/2005	
Di-n-octylphthalate	ND	19.6	µg/L	03/10/2005	
Dibenz(a,h)anthracene	ND	19.6	µg/L	03/10/2005	

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1476 ROUTE 50
BALLSTON SPA. NY 12020
CONIACI: JEFF WINK

CUSTOMER ID:	MW-18	**NEA ID:**	AI01731
MAIRIX:	WATER	**DATE SAMPLED:**	03/04/2005 **TIME:** 12:45
DATE RECEIVED:	03/04/2005 **TME:** 16:40	**PROJECI:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCATION:**	SCHENECTADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMEIER PERFORMED	RESULIS	PQL	UNITS	DAIE ANALYZED	FLAGS
Dibenzofuran	ND	19.6	µg/L	03/10/2005	
Diethylphthalate	ND	19 6	µg/L	03/10/2005	
Dimethylphthalate	ND	19 6	µg/L	03/10/2005	
Fluoranthene	36 3	19 6	µg/L	03/10/2005	
Fluorene	ND	19.6	µg/L	03/10/2005	
Hexachlorobenzene	ND	19.6	µg/L	03/10/2005	
Hexachlorohutadiene	ND	19.6	µg/L	03/10/2005	
Hexachlorocyclopentadiene	ND	19.6	µg/L	03/10/2005	
Hexachloroethane	ND	19 6	µg/L	03/10/2005	
Indeno(1,2,3-cd)pyrene	ND	19 6	µg/L	03/10/2005	
Isophorone	ND	19 6	µg/L	03/10/2005	
N-Nitroso-di-n-propylamine	ND	19 6	µg/L	03/10/2005	
N-Nitrosodiphenylamine	ND	19.6	µg/L	03/10/2005	
Naphthalene	ND	19.6	µg/L	03/10/2005	
Nitrobenzene	ND	19.6	µg/L	03/10/2005	
Phenanthrene	31 7	19.6	µg/L	03/10/2005	
Pyrene	26 7	19 6	µg/L	03/10/2005	

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (PracticalQuantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

Northeast Analytical, Inc
Robert E Wagner, Laboratory Director

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RCRA METALS, TOTAL CYANIDE

NORTHEASTERN
ENVIRONMENTAL
TECHNOLOGIES CORP.

GROUNDWATER ANALYTICAL DATA (RCRA Metals and Total Cyanide)

BIG N Plaza

1520 Maxon Road Schenectady, New York

PARAMETER	GROUNDWATER SAMPLE DESCRIPTION					DEC
	MW-3	MW-12	MW-13	MW-17	MW-18	
Date Sampled:	03/04/2005	03/04/2005	03/04/2005	03/04/2005	03/08/2005	
Arsenic	ND	ND	91	207	ND	25
Barium	735	336	1920	1470	ND	1000
Cadmium	ND	ND	ND	ND	ND	5
Chromium	340	48.1	552	248	48.8	50
Lead	151	ND	96.9	837	23.8	25
Mercury	0.77	ND	0.68	1.82	0.243	0.7
Selenium	ND	ND	ND	ND	ND	10
Silver	ND	ND	ND	ND	ND	50
Total Cyanide	11.0	ND	ND	ND	ND	200

Notes: All concentrations ore in ug/l or ppb (parts per billion)
DEC = Groundwater quality standards &guidelines (6NYCRR Port 703)
Groundwater samples represent an unfiltered matrix
ND = Non-Detect

NEA RCRA METALS REPORT

NORTHEASTERN
ENVIRONMENTAL
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NORTHEAST ANALYTICAL LABS

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03/14/2005

NORTHEASTERN ENVIROMENIAL IECH
1476 ROUIE 50
BALLSTON SPA, NY 12020
CONIACI: JEFF WINK

CUSIOMER ID:	**MW-3**	**NEA ID:**	AI01727
MATRIX:	WATER	**DATE SAMPLED:** 03/04/2005	**TIME:** 11:40
DAIE RECEIVED:	03/04/2005 **TIME:** 16:40	**PROJECI:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCATION:**	SCHENECTADY, NY
CUSIOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMEIER PERFORMED	MEIHOD	FLAGS	RESULIS	PQL	UNITS	DAIE ANALYZED
Atsenic	EPA 1979 200 7		ND	0 020	mg/L	03/14/2005
Barium	EPA 1979 200 7		0.735	0 002	mg/L	03/14/2005
Cadmium	EPA 1979 200 7		ND	0.002	mg/L	03/14/2005
Chromium	EPA 1979 200 7		0 340	0 005	mg/L	03/14/2005
Digestion for Water	SW-846 3005A		COMPLETED			03/10/2005
Lead	EPA 1979 200 7		0 151	0.010	mg/L	03/14/2005
Mercury	EPA 1979 245 2		0 00077	0.0002	mg/L	03/08/2005
Selenium	EPA 1979 200 7		ND	0.030	mg/L	03/14/2005
Silver	EPA 1979 200 7		ND	0.005	mg/L	03/14/2005

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

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Robert E Wagner Laboratory Director

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1476 **ROUTE** 50
BALLSION SPA, NY 12020
CONTACT: JEFF WINK

CUSTOMER ID:	MW-12	**NEA** ID:	AI01728
MAIRIX :	WATER	**DAIE SAMPLED:** 03/04/2005	**IIME:** 13:46
DAIE RECEIVED:	03/04/2005 **TIME:** 16:40	**PROJECT:**	**BIG-N**
SAMPLED BY:	**J NASELLI**	**LOCATION:**	**SCHENECTADY,NY**
CUSTOMER PO:	NIA	**LAB ELAP** #:	11078

PARAMEIER PERFORMED	MEIHOD	FLAGS	RESULIS	PQL	UNITS	DAIE ANALYZED
Arsenic	EPA 1979 200 7		ND	0 020	mg/L	03/14/2005
Barium	EPA 1979 200 7		0 336	0 002	mg/L	03/14/2005
Cadmium	EPA 1979 200 7		ND	0 002	mg/L	03/14/2005
Chromium	EPA 1979 200 7		0 0481	0 005	mg/L	03/14/2005
Digestion for Water	SW-846 3005A		COMPLETED			03/10/2005
Lead	EPA 19792007		ND	0 010	mg/L	03/14/2005
Mercury	EPA 1979 245 2		ND	0 0002	mg/L	03/08/2005
Selenium	EPA 1979 200 7		ND	0.030	mg/L	03/14/2005
Silver	EPA 1979 200 7		ND	0.005	mg/L	03/14/2005

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reponable for the sample

AUTHORIZED SIGNATURE:

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Robert E Wagner Laboratory Director

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NORTHEAST ANALYTICAL LABS

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NOR'IHEASI ERN ENVIROMENIAL IECH
1476 RQUIE 50
BALLSTON SPA, NY 12020
CONTACT: JEFF WINK

CUSIOMER ID:	MW-13	**NEA ID:**	AI01729
MAIRIX:	WAIER	**DAIE SAMPLED:**	03/04/2005 **IIME:** 12:15
DAIE RECEIVED:	03/04/2005 **TIME:** 16:40	**PROJECT:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCAIION:**	SCHENECIADY, NY
CUSIOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMETER PERFORMED	METHOD	FLAGS	RESULIS	PQL	UNITS	DAIE ANALYZED
Arsenic	EPA 1979 200 7		0 091	0.020	mg/L	03/14/2005
Barium	EPA 1979 200 7		1 92	0 002	mg/L	03/14/2005
Cadmium	EPA 1979 200 7		ND	0 002	mg/L	03/14/2005
Chromium	EPA 1979 200 7		0 552	0 005	mg/L	03/14/2005
Digestion for Water	SW-846 3005A		COMPLEIED			03/10/2005
Lead	EPA 1979 200 7		0 0969	0.010	mg/L	03/14/2005
Mercury	EPA 1979 245 2		0 00068	0.0002	mg/L	03/08/2005
Selenium	EPA 1979 200 7		ND	0.030	mg/L	03/14/2005
Silver	EPA 1979 200 7		ND	0 005	mg/L	03/14/2005

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (PracticalQuantitation Limit) Denotes lowest analyte concentration repottable for the sample

AUTHORIZED SIGNATURE:

Northeast Analytical, Inc
Robert E **Wagner,** Laboratory Director

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1476 ROUTE 50
BALLSION SPA, NY 12020
CONTACT: JEFF WINK

CUSTOMER ID:	**MW-I** 7	**NEA ID:**	AI01730
MAIRIX:	WA'I ER	**DATE SAMPLED:**	03/04/2005 **TIME:** 13:10
DAIE RECEIVED:	03/04/2005 **IIME:** 16:40	**PROJECI:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCATION:**	SCHENECIADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMETER PERFORMED	METHOD	FLAGS	RESULIS	PQL	UNITS	DAIE ANALYZED
Arsenic	EPA 1979 200 7		0 207	0 020	mg/L	03/14/2005
Barium	EPA 1979 200 7		147	0 002	mg/L	03/14/2005
Cadmium	EPA 1979 200 7		ND	0 002	mg/L	03/14/2005
Chromium	EPA 1979 200 7		0 248	0 005	mg/L	03/14/2005
Digestion for Water	SW-846 3005A		COMPLEIED			03/10/2005
Lead	EPA 1979 200 7		0 837	0 010	mg/L	03/14/2005
Mercury	EPA 1979 245 2		0 00182	0 0002	mg/L	03/08/2005
Selenium	EPA 1979 200 7		ND	0 030	mg/L	03/14/2005
Silver	EPA 1979 200 7		ND	0 005	mg/L	03/14/2005

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

Northeast Analytical Inc
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CERTIFICATE OF ANALYSIS
03/14/2005

NORTHEASTERN ENVIROMENIAL TECH
1476 ROUIE 50
BALLSTON SPA, NY 12020
CONTACT: JEFF WINK

CUSTOMER ID:	MW-18	**NEA ID:**	AI01734
MATRIX:	WATER	**DAIE SAMPLED:**	03/07/2005 **IIME:** 9:00
DATE RECEIVED:	03/08/2005 **TIME:** 9:45	**PROJECT:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCAIION:**	**SCHENECIADY, NY**
CUSTOMER PO:	NIA	**LAB ELAP #:**	110'78

PARAMETER PERFORMED	MEIHOD	FLAGS	RESULTS	PQL	UNITS	DAIE ANALYZED
Arsenic	EPA 1979 200 7		ND	0 020	mg/L	03/14/2005
Barium	EPA 1979 200 7		ND	0 002	mg/L	03/14/2005
Cadmium	EPA 1979 200 7		ND	0 002	mg/L	03/14/2005
Chromium	EPA 1979 200 7		0 0488	0 005	mg/L	03/14/2005
Digestion for Water	SW-846 3005A		COMPLETED			03/10/2005
Lead	EPA 1979 200 7		0 0238	0 010	mg/L	03/14/2005
Mercury	EPA 1979 245 2		0 000243	0 0002	mg/L	03/08/2005
Selenium	EPA 1979 200 7		ND	0 030	mg/L	03/14/2005
Silver	EPA 1979 200 7		ND	0 005	mg/L	03/14/2005

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

Northeast Analytical, Inc
Robert E Wagner. Laboratory Director

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NEA (COLUMBIA ANALYTICAL)
TOTAL CYANIDE REPORT

NORTHEASTERN
ENVIRONMENTAL
TECHNOLOGIES CORP

Columbia Analytical Services inc.

A FULL SERVICE ENVIRONMENTAL LABORATORY

March 17, 2005

Mr..Bob Stoll
Northeast Analytical,Inc.
2190 Technology Drive
Schenectady, NY **12308**

PROJECT:BIG N TCN SAMPLES
Submission #:R2525210

Dear Mr. Stoll:

Enclosed are the analy ical results of the analyses requested. The analytical data was provided to you on 03/17/05 per a Facsimile transmittal,. All data has been reviewed prior to report submission..

Should you have any questions please contact me at (585) 288-5380

Thank you for letting us provide this service

Sincerely,

COLUMBIA ANALYTICAL SERVICES

Val Miller

Val. Miller
Project Chemist

Enc

t

Columbia Analytical Services inc.

1 Mustard ST
Suite 250
Rochester, NY 14609
(585) 288-5380

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : Northeast Analytical,Inc
Project Reference: BIG N TCN SAMPLES
Lab Submission # : R2525210
Project Manager : Val Miller
Reported : 03/17/05

Report Contains a total of 18 pages

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal

Columbia Analytical Services inc

CASE NARRATIVE

This report contains analytical results for the following samples:

Submission #: R2525210

Lab ID	Client ID
798112	GP-5
798113	GP-16
798114	GP-17
798115	COMP1
7981.1.6	COMP2
7981.17	MW-3
798118	MW-13
798119	MW-17
798120	MW-12
798121	MW-18

All samples were received in good condition unless otherwise noted on the cooler receipt and preservation check form located at the end of this report

All samples were preserved in accordance with approved analytical methods,,

All samples have been analyzed by the approved methods cited on the analytical results pages

All holding times and associated QC were within limits

No analytical or QC problems were encountered

All sampling activities performed by CAS personnel have been in accordance with "CAS Field Procedures and Measurements Manual" or by client specifications

Columbia Analytical Services INC.
An Employee - Owned Company

ACCREDITED IN ACCORDANCE WITH nelac

Ethics Service Quality ACIL 2004 SEAL OF EXCELLENCE PROGRAM Environmental

INORGANIC QUALIFIERS

C (Concentration) qualifier –

- B - if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL). This qualifier may also be used to indicate that there was contamination above the reporting limit in the associated blank See Narrative for details,
- U - if the analyte was analyzed for, but not detected

Q qualifier - Specified entries and their meanings are as follows:

- D - Spike was diluted out
- E - The reported value is estimated because the serial dilution did not meet criteria
- J - Estimated Value
- M - Duplicate injection precision not met
- N - Spiked sample recovery not within control limits
- S - The reported value was determined by the Method of Standard Additions (MSA).
- W - Post-digestion spike for Furnace AA Analysis is out of connol limits (85-115), while sample absorbance is less than 50% of spike absorbance
- * - Duplicate analysis not within control limits,,
- + - Conelation coefficient for the MSA is less than 0.995

M (Method) qualifier:

- "P" for ICP
- "A" for Flame AA
- "F" for Furnace AA
- " P M for ICP when Microwave Digestion is used
- " A M for Flame AA when Microwave Digestion is used
- "FM" for Furnace M when Microwave Digestion is used
- "CV" for Manual Cold Vapor AA
- "AV" for Automated Cold Vapor AA
- "CA" for Midi-Distillation Spectrophotomekic
- "AS" for Semi-Automated Specnophotometric
- "C" for Manual Spectrophotometric
- "T" for Titrimetric
- "" where no data has been entered
- "NR" if the analyte is not required to be analyzed

CAS/Rochester Lab ID # for State Certifications

NELAP Accredited
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Illinois ID #200047
Maine ID #NY0032
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved
Nebraska Accredited
New Jersey ID # NY004
New York ID # 10145
New Hampshire ID # 294100 A/B
Pennsylvania Registration 68-786
Rhode Island ID # 158
South Carolina ID #91012
West Virginia ID # 292

COLUMBIA ANALYTICAL SERVICES

Reported: **03/17/05**

Northeast Analytical,Inc
Project Reference: BIG N TCN SAMPLES
Client Sample ID : MW-3

Date Sampled : **03/04/05** 11:40 **Order** #: **798117** **Sample Matrix:** WATER
Date Received: 03/09/05 **Submission** #: R2525210

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	**9012** T	0 0100	**0 0110**	MG/L	**03/16/05**	10:00	**1 0**

COLUMBIA ANALYTICAL SERVICES

Reported: 03/17/05

Northeast Analytical,Inc
Project Reference: BIG N TCN SAMPLES
Client Sample ID : MW-13

Date Sampled : 03/04/05 12:15 Order #: 798118 Sample Matrix: WATER
Date Received: 03/09/05 Submission #: R2525210

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	9012 T	0 0100	0 0100 U	MG/L	03/16/05	10:00	1 0

COLUMBIA ANALYTICAL SERVICES

Reported: 03/17/05

Northeast Analytical,Inc
Project Reference: BIG N TCN SAMPLES
Client Sample ID : MW-17

Date Sampled : 03/04/05 13:10 **Order #: 798119** **Sample Matrix: WATER**
Date Received: 03/09/05 **Submission #:** R2525210

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	**9012 T**	0 0100	**0 0100 U**	MG/L	**03/16/05**	**10:00**	**1 0**

COLUMBIA ANALYTICAL SERVICES

Reported: 03/17/05

Northeast Analytical,Inc
Project Reference: BIG N TCN SAMPLES
Client Sample ID : MW-12

Date Sampled : 03/07/05 09:30 **Order** #: **798120** **Sample Matrix: WATER**
Date Received: 03/09/05 **Submission** #: R2525210

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	**9012 T**	0 0100	**0 0100 U**	MG/L	**03/16/05**	10:00	**1 0**

COLUMBIA ANALYTICAL SERVICES

Reported: **03/17/05**

Northeast Analytical,Inc
Project Reference: BIG **N** TCN SAMPLES
Client Sample ID : **MW-18**

Date Sampled : **03/07/05** 09:00 **Order** #: **798121** **Sample Matrix:** WATER
Date Received: 03/09/05 **Submission** #: R2525210

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	**9012** T	0 0100	**0 0100** U	MG/L	**03/16/05**	**10:00**	**1 0**

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK **SPIKE SUMMARY**

CAS Submission #: R2525210
Client: **Northeast** Analytical, Inc.
BIG **N TCN SAMPLES**

BLANK SPIKES

	BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
TOTAL CYANIDE	1.00 U	19.6	20.0	98	83 - 117	114014	MG/KG
TOTAL CYANIDE	0.0100 U	0.404	0.400	101	74 - 123	114099	MG/L

R2525210

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

NORTHEAST ANALYTICAL, INC.

2190 Technology Drive, Schenectady, NY 12308
Telephone (518) 346-4592 Fax (518) 381-6055
www.nealab.com information @nealab.com

LRF # 05030041
(NEA USE ONLY)

DISPOSAL REQUIREMENTS: (To be filled in by Client)
- ○ RETURN TO CLIENT
- ○ DISPOSAL BY NORTHEAST ANALYTICAL
- ○ ARCHIVAL BY NORTHEAST ANALYTICAL

Additional charges incurred for disposal (if hazardous) or archival. Call for details.

CLIENT (REPORTS TO BE SENT TO): NEA	PROJECT#/PROJECT NAME: BIG N
PROJECT MANAGER: Bob Stoll	LOCATION (CITY/STATE) ADDRESS: Schenectady, NY
PHONE: (518) 346-4592	
SAMPLED BY: (Please Print) J. Nasella	REQUIRED TURN AROUND TIME: 2 weeks
SAMPLING FIRM: NETC	NAME OF COURIER (IF USED): Fed Ex
	Data Package: ☐ Full ☐ Certificates Only
RESULTS TO BE E-MAILED ☐	E-MAIL ADDRESS:
RESULTS TO BE FAXED ☐	FAX #:

ENTER ANALYSIS AND METHOD NUMBER REQUESTED

PRESERVATIVE KEY: 0 - NONE; 1 - HCL; 2 - HNO3; 3 - H2SO4; 4 - NaOH; 5 - Zn. Acetate; 6 - MeOH; 7 - NaHSO4; 8 - Other _____

SAMPLE ID	DATE	TIME	MATRIX	GRAB/ COMP	LAB SAMPLE ID (NEA USE ONLY)	PRESERVATIVE CODE	BOTTLE TYPE	BOTTLE SIZE	NUMBER OF CONTAINERS	Cyanide	CAS #'S REMARKS:
MW 3	3/4/05	11:40	H_2O	comp	AI01727				1	X	79 8117
MW-13	↓	12:15	↓	↓	AI01729				↓	↓	↓ 118
MW-17	3/4/05	13:10	H_2O	comp	AI01730				1	X	↓ 119

AMBIENT OR CHILLED:	TEMP:	COC TAPE: Y N	PROPERLY PRESERVED: Y N
RECEIVED BROKEN OR LEAKING: Y N		COC DISCREPANCIES: Y N	RECVD W/I HOLDING TIMES: Y N

OTHER NOTES:

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
SIGNATURE: Lenore Nelson	SIGNATURE: Gregory O. Esmerian	SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
PRINTED NAME: Lenore Nelson	PRINTED NAME: Gregory O. Esmerian	PRINTED NAME:	PRINTED NAME:	PRINTED NAME:	PRINTED NAME:
COMPANY: NEA	COMPANY: CAS	COMPANY:	COMPANY:	COMPANY:	COMPANY:
DATE/TIME: 3/8/05 16⁰⁰	DATE/TIME: 3-9-05 9:40	DATE/TIME:	DATE/TIME:	DATE/TIME:	DATE/TIME:

R252521U

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

NORTHEAST ANALYTICAL, INC.

2190 Technology Drive, Schenectady, NY 12308
Telephone (518) 346-4592 Fax (518) 381-6055
www nealab com information @nealab corn

LRF # 05030042
(NEA USE ONLY)

DISPOSAL REQUIREMENTS: (To be filled in by Client)
- ○ RETURN TO CLIENT
- ○ DISPOSAL BY NORTHEAST ANALYTICAL
- ○ ARCHIVAL BY NORTHEAST ANALYTICAL

Additional charges incurred for disposal (if hazardous) or archival Call for details

CLIENT (REPORTS TO BE SENT TO): NEA	PROJECT#/PROJECT NAME: BIG N
PROJECT MANAGER: Bob Stoll	LOCATION (CITY/STATE) ADDRESS: Schenectady NY
PHONE: 346-4592	
SAMPLED BY: (Please Print) 3 Nasell.	REQUIRED TURN AROUND TIME: 2 week
SAMPLING FIRM: NETC	NAME OF COURIER (IF USED): Fed Ex
	Data Package: ☐ Full ☐ Certificates Onlv
RESULTS TO BE E-MAILED ☐	E-MAIL ADDRESS:
RESULTS TO BE FAXED ☐	FAX #

ENTER ANALYSIS AND METHOD NUMBER REQUESTED

PRESERVATIVE KEY: 0 - NONE; 1 - HCL; 2 - HNO3; 3 - H2SO4; 4 - NaOH; 5 - Zn. Acetate; 6 - MeOH; 7 - NaHSO4; 8 - Other _____

SAMPLE ID	DATE	TIME	MATRIX	GRAB/ COMP	LAB SAMPLE ID (NEA USE ONLY)	PRESERVATIVE CODE	BOTTLE TYPE	BOTTLE SIZE	NUMBER OF CONTAINERS	Cyanide	CAS# REMARKS:
MW 12	3/7/05	9:30	H_2O	Comp	AI01732				1	X	798120
MW-18	3/7/05	9:00	H_2O	Comp	AI01734				1	X	" 121

AMBIENTORCHILLED. TEMP: COC TAPE: Y N PROPERLY PRESERVED: Y N OTHER NOTES:

RECEIVED BROKEN OR LEAKING: Y N COC DISCREPANCIES: Y N RECVDWII HOLDING TIMES Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHEDBY	RECEIVED BY
SIGNATURE: Lenore Nelson	SIGNATURE: Gregory O. Esmerian	SIGNATURE	SIGNATURE	SIGNATURE	SIGNATURE
PRINTED NAME: Lenore Nelson	PRINTED NAME: Gregory O. Esmerian	PRINTED NAME	PRINTED NAME	PRINTED NAME	PRINTED NAME
COMPANY: NEA	COMPANY: CAS	COMPANY	COMPANY	COMPANY	COMPANY
DATE/TIME: 3/8/05 16:00	DATE/TIME: 3-9-05 9:46	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME

S:\ADMIN\COC FORM.XLS (Revised March 2001)

Cooler.Receipt **And** Preservation Check Form

Project/Client Northeast Submission Number A2525210

Cooler received on 3-9-05 by: KE **COURIER:** CAS UPS (FEDEX) CD&L CLIENT

1.	Were custody seals on outside of cooler?			YES	(NO)	
2.	Were custody papers properly filled out (ink, signed, etc.)?			(YES)	NO	
3.	Did all bottles arrive in good condition (unbroken)?			(YES)	NO	
4.	Did any VOA vials have significant air bubbles?			YES	NO	(N/A)
5.	Were Ice or Ice packs present?			(YES)	NO	
6	Where did the bottles originate?			CAS/ROC, (CLIENT)		
7.	Temperature of cooler(s) upon receipt:	1°				
	Is the temperature within 0° - 6° C?:	(Yes)	Yes	Yes	Yes	Yes
	If No, Explain Below	No	No	No	No	No

Date/Time Temperatuses Taken: 3-9-05 @ 9:45

Thermometer ID: 161 or (IR GUN) Reading From: Temp Blank or (Sample Bottle)

If'out of Temperature, Client Approval to Run Samples _____

Cooler Breakdown: Date: 3-9-05 by: KE

1.	Were all bottle labels complete (i e analysis, preservation, etc.)?	(YES)	NO
2.	Did all bottle labels and tags agsee with custody papers?	(YES)	NO
3.	Were correct containers used for the tests indicated?	(YES)	NO
4	Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated		(N/A)

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol Added
pH	Reagent					
12	NaOH					
2	HNO_3					
2	H_2SO_4					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH _____

**If pH adjustment is required, use NaOH and/or H_2SO_4

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2				

Other Comments:

EPA METHOD 8082 (PCB)

GROUNDWATER ANALYTICAL DATA (EPA Method 8082 PCB)

Big N Plaza

1520 Maxon Road Schenectady, New York

PARAMETER	GROUNDWATER SAMPLE DESCRIPTION					DEC
	MW-3	MW-12	MW-13	MW-17	MW-18	
Date Sampled:	03/04/2005	03/08/2005	03/07/2005	03/04/2005	03/07/2005	
Aroclor-1016	ND	ND	ND	ND	ND	**0.09**
Aroclor-1221	ND	ND	ND	ND	ND	**0.09**
Aroclor-1232	ND	ND	ND	ND	ND	**0.09**
Aroclor-1242	ND	ND	ND	ND	ND	**0.09**
Aroclor-1248	ND	ND	ND	ND	ND	**0.09**
Aroclor-1254	ND	ND	ND	ND	ND	**0.09**
Aroclor-1260	ND	ND	ND	ND	**0.531***	**0.09**

Notes: All concentrationsare in ug/l or ppb (parts per billion)

DEC = Groundwater quality standards &guidelines (6NYCRR Part 703)

*** = Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB patern.**

NEA
NORTHEAST ANALYTICAL LABS

CERTIFICATE OF ANALYSIS
03/14/2005

NORIHEASTERN ENVIROMENTAL IECH
1476 **ROUTE** 50
BALLSTON SPA, NY 12020
CONIACT: JEFF WINK

CUSIOMER ID:	MW-3	**NEA** ID:	AI01727
MATRIX:	WATER	**DATE SAMPLED:**	0310412005 **TIME:** 11:40
DATE RECEIVED:	0310412005 **TIME:** 16:40	**PROJECI:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCAIION:**	SCHENECTADY, NY
CUSIOMER PO:	NIA	**LAB ELAP #:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNIIS	DATE ANALYZED	FLAGS
SW-846 **Method** 8082, **Polychlorinated Biphenyls**					
Aroclor 1016	ND	0.0500	µg/L	03/11/2005	
Aroclor 1221	ND	0.0500	µg/L	03/11/2005	
Aroclor 1232	ND	0.0500	µg/L	03/11/2005	
Aroclor 1242	ND	0.0500	µg/L	03/11/2005	
Aroclor 1248	ND	0.0500	µg/L	03/11/2005	
Aroclor 1254	ND	0.0500	µg/L	03/11/2005	
Aroclor 1260	ND	0.0500	µg/L	03/11/2005	
Total PCB Amount > Reporting Limit	0.00	µg/L			

Note: There were few non-target peaks

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNAIURE:

Northeast Analytical Inc

Robert E Wagner, Laboratory Director

2190 Technology Drive • Schenectady, NY 12308 .Phone: 518 346 4592 Fax: 518 381 6055 • Email: information@nealab com

NORTHEAST ANALYTICAL LABS

CERTIFICAIE OF ANALYSIS

03/14/2005

NORIHEASTERN ENVIROMEN'IAL TECH
1476 **ROUTE** 50
BALLSTON SPA, NY 12020
CONIACI: JEFF WINK

CUSTOMER ID:	MW-12	**NEA** ID:	AI01735
MATRIX:	WATER	**DATE SAMPLED:**	0310812005 **TIME:** 9:30
DATE RECEIVED:	0310812005 **TIME:** 9:45	**PROJECT:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCATION:**	SCHENECTADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078 **DATE**

PARAMETER PERFORMED	RESULTS	PQL	UNITS	ANALYZED	FLAGS
SW-846 Method 8082, **Polychlorinated Biphenyls**					
Aroclor 1016	ND	0658	µg/L	0311112005	
Aroclor 1221	ND	0 658		0311112005	
Aroclor 1232	ND	0658	µg/L	0311112005	
Aroclor 1242	ND	0658	µg/L	0311112005	
Aroclor 1248	ND	0658	µg/L	0311112005	
Aroclor 1254	ND	0 658	µg/L	0311112005	
Aroclor 1260	ND	0658	µg/L	0311112005	
Total **PCB** Amount > Reporting Limit	0 00	µg/L			

Note: There were few non-target peaks

Note: ND (Not Detected) Denotes analyte not detected at a concentration **greater** than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration **reportable** for the sample

AUTHORIZED SIGNATURE:

Northeast Analytical, Inc

Robert E Wagner, Laboratory Director

2190 Technology Drive • Schenectady, NY 12308 • Phone: 518 346 4592 Fax: 518 381 6055 • Email: information@nealab com

NORTHEAST ANALYTICAL LABS

CERTIFICATE OF ANALYSIS
03/14/2005

NORTHEASTERN ENVIRONMENTAL TECH
1476 ROUTE 50
BALLSTON SPA, NY 12020
CONTACT: JEFF WINK

CUSTOMER ID:	MW-13	**NEA ID:**	AI01733
MATRIX:	WATER	**DATE SAMPLED:**	0310712005 **TIME:** 15:30
DATE RECEIVED:	0310812005 **TIME:** 9:45	**PROJECT:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCATION:**	SCHENECTADY, NY
CUSTOMER PO:	NIA	**LAB ELAP #:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 Method 8082, Polychlorinated Biphenyls					
Aroclor 1016	ND	0 0500		0311112005	
Aroclor 1221	ND	0 0500	µg/L	03/1112005	
Aroclor 1232	ND	0 0500	µg/L	0311112005	
Aroclor 1242	ND	0 ,0500	µg/L	0311112005	
Aroclor 1248	ND	0.0500	µg/L	0311112005	
Aroclor 1254	ND	00500	µg/L	0311112005	
Aroclor 1260	ND	0 0500	µg/L	0311112005	
Total **PCB** Amount > Reporting Limit	0.00	µg/I			

Note: There were several non-target peaks

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the **PQL**
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

Northeast Analytical, Inc

Robert E Wagner, Laboratory Director

2190 Technology Drive • Sthenectady, NY 12308. Phone: 518 346 4592 Fax: 518 381 6055 • Email: information@nealab com

NORTHEAST ANALYTICAL LABS

CERIIFICAIE OF ANALYSIS
03/14/2005

NORIHEASIERN ENVIROMENTAL TECH
1476 ROUTE 50
BALLSTON SPA, NY 12020
CONIACI: JEFF WINK

CUSIOMER ID:	MW-17	**NEA ID:**	AI01730
MAIRIX:	WATER	**DAIE SAMPLED:**	0310412005 **TIME:** 13:10
DATE RECEIVED:	0310412005 **IIME:** 16:40	**PROJECI:**	BIG-N
SAMPLED BY:	J NASELLI	**LOCATION:**	SCHENECIADY, NY
CUSIOMER PO:	NIA	**LAB ELAP #:**	110'78

PARAMETER PERFORMED	RESULIS	PQL	UNITS	DAIE ANALYZED	FLAGS
SW-846 Method 8082, Polychlorinated Biphenyls					
Aroclor 1016	ND	0.0500	µg/L	0311112005	
Aroclor 1221	ND	00500	µg/L	0311112005	
Aroclor 1232	ND	00500	µg/L	0311112005	
Aroclor 1242	ND	00500	µg/L	0311112005	
Aroclor 1248	ND	0 0500	µg/L	0311112005	
Aroclor 1254	ND	0 0500	µg/L	03/11/2005	
Aroclor 1260	ND	00500	µg/L	0311112005	
Total **PCB** Amount > Reporting Limit	0 00	µg/I			

Note: There were several non-target peaks

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNAIURE:

Northeast Analytical, Inc

Robert E Wagner: Laboratory Director

2190 Iechnology Drive • Schenectady, NY 12'308 • Phone: 518 346 4592 Fax: 518 381 6055 • Email: information@nealab com

NORTHEAST ANALYTICAL LABS

CERIIFICAIE OF ANALYSIS

03/14/2005

NORTHEASTERN ENVIROMENTAL TECH
1476 **ROUTE** 50
BALLSTON SPA, NY 12020
CONIACI: JEFF WINK

CUSTOMER ID:	MW-18	**NEA** ID:	AI01734
MATRIX:	WATER	**DAIE SAMPLED:** 03/07/2005	**TIME:** 9:00
DAIE RECEIVED:	03/08/2005 **TIME:** 9:45	**PROJECT:**	BIG-N
SAMPLED BY.	J NASELLI	**LOCAIION:**	SCHENECTADY, NY
CUSTOMER PO:	N/A	**LAB ELAP #:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 Method 8082, **Polychlorinated Biphenyls**					
Aroclor 1016	ND	0.0500	µg/L	03/11/2005	
Aroclor 1221	ND	0 0500	µg/L	03/11/2005	
Aroclor 1232	ND	0 0500	µg/L	03/11/2005	
Aroclor 1242	ND	0 0500	µg/L	03/11/2005	
Aroclor 1248	ND	0 0500	µg/L	03/11/2005	
Aroclor 1254	ND	0 0500	µg/L	03/11/2005	
Aroclor 1260	0 531	0 0500	µg/L	03/11/2005	AG
Total PCB Amount > Reporting Limit	0 531	µg/L			

AG-Aroclor 1260 is being reported as the best Aroclor match The sample exhibits an altered **PCB** pattern

Note: There were few non-target peaks

Note: ND (Not Detected) Denotes analyte not detected at a concentration greater than the PQL
PQL (Practical Quantitation Limit) Denotes lowest analyte concentration reportable for the sample

AUTHORIZED SIGNATURE:

Northeast Analytical, Inc

Robert E Wagner, Laboratory Director

2190 Technology Drive • Schenectady, NY 12308. Phone: 518346 4592 Fax: 518 3816055 • Email: information@nealab com

CHAIN OF CUSTODY RECORD

PAGE ______ OF ______

NORTHEAST ANALYTICAL, INC.

2190 Technology Drive, Schenectady, NY 12308
Telephone (518) 346-4592 Fax (518) 381-6055
www.nealab.com information @nealab.com

LRF # 05030041
(NEA USE ONLY)

DISPOSAL REQUIREMENTS: (To be filled in by Client)
- ◯ RETURN TO CLIENT
- ◯ DISPOSAL BY NORTHEAST ANALYTICAL
- ◯ ARCHIVAL BY NORTHEAST ANALYTICAL

Additional charges incurred for disposal (if hazardous) or archival. Call for details.

CLIENT (REPORTS TO BE SENT TO): NETC
PROJECT#/PROJECT NAME: BIG N
PROJECT MANAGER: JEFF WINK
LOCATION (CITY/STATE) ADDRESS: MAXON ROAD SCHENECTADY, N.Y.
PHONE: 884-8545
SAMPLED BY: (Please Print) JOE NASELLI / ROB GRAY
REQUIRED TURN AROUND TIME: NORMAL
SAMPLING FIRM: NETC
NAME OF COURIER (IF USED):
Data Package: ☐ Full ☐ Certificates Only
RESULTS TO BE E-MAILED ☒ E-MAIL ADDRESS Joe@NETC@nycap.rr.com
RESULTS TO BE FAXED ☐ FAX #

ENTER ANALYSIS AND METHOD NUMBER REQUESTED

	RCRA METALS	CYANIDE	~~HEXAVALENT CHROMIUM~~	8260	8270 B/N	8082
PRESERVATIVE CODE	2	4	0	1	0	0
BOTTLE TYPE	Plastic	Plastic	Plastic	VOA	Amber	Amber
BOTTLE SIZE				40ml	1L	1L

PRESERVATIVE KEY: 0 - NONE; 1 - HCL; 2 - HNO3; 3 - H2SO4; 4 - NaOH; 5 - Zn. Acetate; 6 - MeOH; 7 - NaHSO4; 8 - Other ______

SAMPLE ID	DATE	TIME	MATRIX	GRAB/COMP	LAB SAMPLE ID (NEA USE ONLY)	NUMBER OF CONTAINERS	RCRA METALS	CYANIDE	~~HEXAVALENT CHROMIUM~~	8260	8270 B/N	8082	pH	REMARKS
MW-3	3/4/05	11:40	GW	COMP	AI01727	~~8~~ 7	X	X	X	X	X	X	3	PLEASE REPORT NON-TARGET PEAKS - TRACES
MW-12	3/4/05	1:46			AI01728	4	X			X			5	
MW-13	3/4/05	12:15			AI01729	6	X	X		X	X		5	
MW-17	3/4/05	1:10			AI01730	~~8~~ 7	X	X	X	X	X	X	5	
MW-18	3/4/05	12:45			AI01731	4				X	X		3	

(AMBIENT) OR CHILLED — TEMP 5.4°C — COC TAPE Y (N) — PROPERLY PRESERVED (Y) N — OTHER NOTES:
RECEIVED BROKEN OR LEAKING Y (N) — COC DISCREPANCIES Y (N) — RECVD W/I HOLDING TIMES ◯ N

	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
SIGNATURE	[signature]	Lenore Nelson				
PRINTED NAME	JOE NASELLI	Lenore Nelson				
COMPANY	NETC	NEA				
DATE/TIME	3/4/05 4:40 pm	3/4/05 1640				

CHAIN OF CUSTODY RECORD

PAGE ______ OF ______

NORTHEAST ANALYTICAL, INC.

2190 Technology Drive, Schenectady, NY 12308
Teleohone (518) 346-4592 Fax (518) 381-6055
vw.neaiah.com information @nealah.com

LRF # 05030041
(NEA USE ONLY)

DISPOSAL REQUIREMENTS: (To be filled in by Client)

- ◯ RETURN TO CLIENT
- ◯ DISPOSAL BY NORTHEAST ANALYTICAL
- ◯ ARCHIVAL BY NORTHEAST ANALYTICAL

Additional charges incurred for disposal (if hazardous) or archival. Call for details.

CLIENT (REPORTS TO BE SENT TO): NETC	PROJECT#/PROJECT NAME: BIG N
PROJECT MANAGER: JEFF WINK	LOCATION (CITY/STATE) ADDRESS: MAXON ROAD SCHENECTADY, N.Y
PHONE: 884-8545	
SAMPLED BY: (Please Print) JOE NASELLI / ROB GRAY	REQUIRED TURN AROUND TIME: NORMAL
SAMPLING FIRM: NETC	NAME OF COURIER (IF USED):
	Data Package: ☐ Full ☐ Certificates Only
RESULTS TO BE E-MAILED ☒	E-MAIL ADDRESS: JOE@NETC@nycap.rr.com
RESULTS TO BE FAXED ☐	FAX #:

ENTER ANALYSIS AND METHOD NUMBER REQUESTED

		RCRA METALS	CYANIDE	HEXAVALENT CHROMIUM	8260	8270 B/N	8082	pH
PRESERVATIVE CODE:		2	4	0	1	0	0	
BOTTLE TYPE:		Plastic	Plastic	Plastic	VOA	Amber	Amber	
BOTTLE SIZE:					40ml	1L	1L	

PRESERVATIVE KEY
0 - NONE
1 - HCL
2 - HNO3
3 - H2SO4
4 - NaOH
5 - Zn. Acetate
6 - MeOH
7 - NaHSO4
8 - Other ______

SAMPLE ID	DATE	TIME	MATRIX	GRAB/COMP	LAB SAMPLE ID (NEA USE ONLY)	NUMBER OF CONTAINERS	RCRA METALS	CYANIDE	HEXAVALENT CHROMIUM	8260	8270 B/N	8082	pH	REMARKS:
MW-3	3/4/05	11:40	GW	COMP	AI01727	7	X	X	X		X	X	3	REPORT NON
MW-12	3/4/05	1:46			AI01728	4	X			X			5	TARGET PEAKS
MW-13	3/4/05	12:15			AI01729	6	X	X		X	X		-	- TEANES
MW-17	3/4/05	1:10			AI01730	7	X	X	X	X	X	X	5	
MW-18	3/4/05	12:45			AI01731	4				X	X		3	

(AMBIENT) OR CHILLED	TEMP: 5.4°	COC TAPE: Y (N)	PROPERLY PRESERVED: (Y) N
RECEIVED BROKEN OR LEAKING: Y (N)		COC DISCREPANCIES: Y (N)	RECVD W/I HOLDING TIMES: (Y) N

OTHER NOTES:

	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
SIGNATURE	[signature]	Lenore Nelson				
PRINTED NAME	JOE NASELLI	Lenore Nelson				
COMPANY	NETC	NEA				
DATE/TIME	3/4/05 4:40pm	3/4/05 1040				

CHAIN OF CUSTODY RECORD

PAGE ______ OF ______

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2190 Technology Drive, Schenectady, NY 12308
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www.neaiab.com information@neaiab.com

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DISPOSAL REQUIREMENTS: (To be filled in by Client)
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- ◯ ✓ DISPOSAL BY NORTHEAST ANALYTICAL
- ◯ ARCHIVAL BY NORTHEAST ANALYTICAL

Additional charges incurred for disposal (if hazardous) or archival. Call for details.

CLIENT (REPORTS TO BE SENT TO): NETC
PROJECT#/PROJECT NAME: Dic V
PROJECT MANAGER: TIF WINK
LOCATION (CITY/STATE) ADDRESS: Maxon Rd, Schenectady, NY
PHONE: 984-8545
SAMPLED BY- (Please Print): JOE VASELLI
REQUIRED TURNAROUND TIME: ... ...
SAMPLING FIRM: NETC
NAME OF COURIER (IF USED):
Data Package: ☐ Full ☐ Certificates Only
RESULTS TO BE E-MAILED ☒ E-MAIL ADDRESS: Joevese@nycap.rr.com
RESULTS TO BE FAXED ☐ FAX #

ENTER ANALYSIS AND METHOD NUMBER REQUESTED

	8270 B/N	Cyanide	RCRA METALS	8082			
PRESERVATIVE CODE	0	4	2	0			
BOTTLE TYPE	Amber	Plastic	Plastic	Amber			
BOTTLE SIZE	1.0L	0.5L	0.5L	1.0L			

PRESERVATIVE KEY
- 0 - NONE
- 1 - HCL
- 2 - HNO3
- 3 - H2SO4
- 4 - NaOH
- 5 - Zn. Acetate
- 6 - MeOH
- 7 - NaHSO4
- 8 - Other ______

SAMPLE ID	DATE	TIME	MATRIX	GRAB/COMP	LAB SAMPLE ID (NEA USE ONLY)	NUMBER OF CONTAINERS	8270 B/N	Cyanide	RCRA METALS	8082				REMARKS:
MW-12	3/7/05	9:30	GW	Comp	AI01732	2	X	X						PLEASE REPORT NON
MW-13	3/7/05	3:00	GW	Comp	AI01733	1				X				TARGET PEAKS
MW-18	3/7/05	9:00	GW	Comp	AI01734	3		X	X	X				- THANKS
MW-12	3/8/05	9:30	GW	Comp	AI01735	1				X				

AMBIENT OR CHILLED: TEMP: 4.1°C
COC TAPE: Y (N)
PROPERLY PRESERVED: (Y) N
OTHER NOTES:
RECEIVED BROKEN OR LEAKING: Y (N)
COC DISCREPANCIES: Y (N)
RECVD W/I HOLDING TIMES: (Y) N

	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
SIGNATURE	[signature]	Lenore Nelson				
PRINTED NAME	Joe Vaselli	Lenore Nelson				
COMPANY	NETC	NEA				
DATE/TIME	3/8/05 9:45	3/8/05 9:45				

APPENDIX L

STATEMENT OF ENVIRONMENTAL SERVICES

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORP

NORTHEASTERN
ENVIRONMENTAL
TECHNOLOGIES CORP.
1476 Route 50, P.O. Box 2167, Ballston Spa, NY 12020
Phone:(518) 884-8545 Fax:(518) 884-9710 e-mail: jeffNETC@nycap.rr.com

Statement of Services

Northeastern Environmental Technologies Corporation (NETC) recognizes both environmental and business issues critical to corporate America Guided by regulatory agencies, NETC's innovative problem solving approach preserved the delicate balance between our countries finite natural resources and the goals of business and industry NETC's cost conscious alternatives are designed to ensure it's clients maximum flexibility when identifying and resolving regulatory and / or environmental issues The following is an abbreviated list of NETC's Services

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- Property Acquisition- Divestiture Certification
- Phase 2 and 3 Site Assessments
- Mobile Laboratory Services

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- Storage Tank Management, Testing & Closures
- State and Federal Regulatory compliance
- Remedial Investigation - Feasibility Studies
- Remedial Alternative Technology Studies; QA/QC Design

GROUNDWATER RESOURCE MANAGEMENT

- Permitting
- Management & Source Development
- Well Head Protection
- Numerical and Analytical Modeling

GEOTECHNICAL EVALUATIONS

- Dewatering &Artificial Recharge
- Deposit Exploration
- Geophysics - EM & GPR
- Ground Improvement Studies
- SPCC Compliance

SITE REMEDIATION AND MONITORING SERVICES

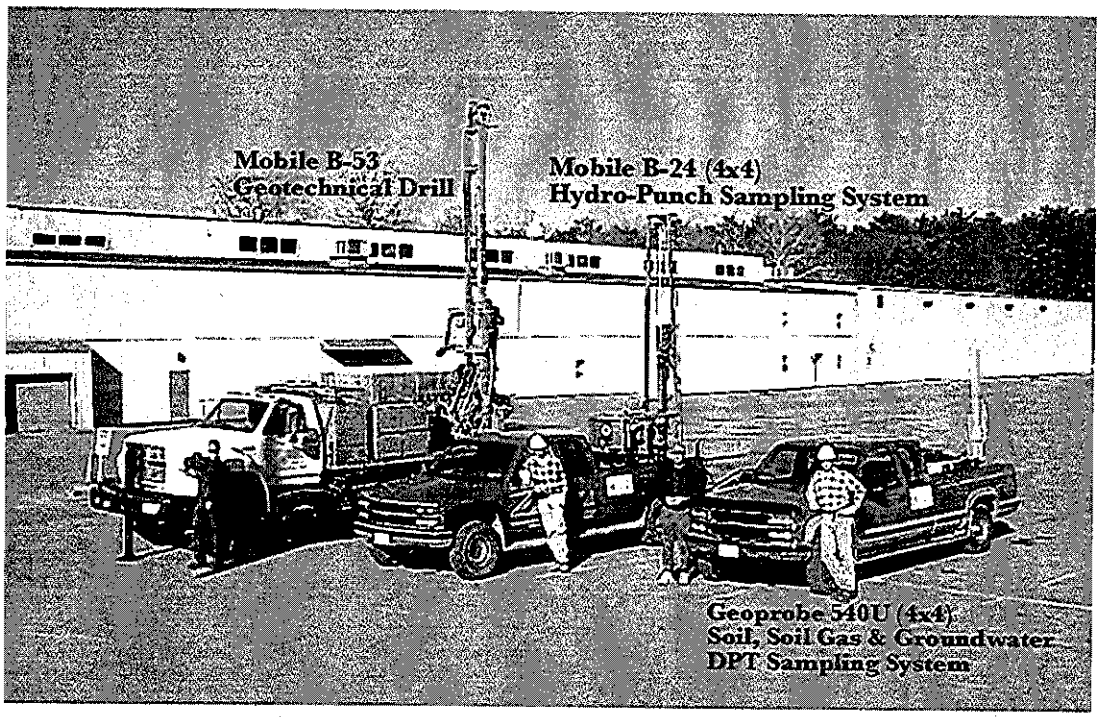
- UST/AST Closures
- Integrity Testing
- Waste Brokerage
- SPEDS Permitting & Compliance
- Excavation Services
- Soil Gas & Groundwater Recovery Systems

TEST DRILLING / DIRECT PUSH SAMPLING PROGRAMS

- Core Drilling Services
- Direct Push Soil & Groundwater Survey
- Standard Penetration Tests
- Shelby Tube Samples

ENVIRONMENTAL IMPACT STATEMENTS * EXPERT TESTIMONY * OSHA FIELD CERTIFIED

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORPORATION (NETC)



" Site assessment through remediation ...NETC has the tools for your environmental and geotechnical project work"

ENVIRONMENTAL, TEST DRILLING, DPT PROBE SERVICES & REMEDIATION

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3

FINAL SITE INVESTIGATION REPORT

PROPOSED FINAL SITE INVESTIGATION WORK PLAN FORMER BIG N PLAZA

1510-1520 MAXON ROAD
SCHENECTADY, NEW YORK

NETC DOCUMENT #1 OF 2005

PREPARED FOR:

BN PARTNERS ASSOCIATES, LLC
C/o YOUNG, SOMMER LLC
5 Palisades Drive
Albany, NY 12205

AND

NYSDEC REGION 4
1150 NORTH WESTCOTT RD
SCHENECTADY, NEW YORK 12306

DATED:

MAY 2, 2005

PREPARED BY:

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORP.
1476 ROUTE 50 - P.O BOX 2167
BALLSTON SPA, NEW YORK 12020
(518)884-8545

"..... providing integrated environmental and geotechnical services ....."

GEO-ENVIRONMENTAL CONSULTING & PROPERTY MANAGEMENT SERVICES - SITE ASSESSMENTS - GEOTECHNICAL DRILLING & DPT PROBE SERVICES - TANK CLOSURES - EXCAVATION SERVICES - SOIL & GROUNDWATER REMEDIATION - EXPERT TESTIMONY - WASTE BROKERAGE SERVICES

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ATTACHMENTS

APPENDICES

1.0 INTRODUCTION

Northeastern Environmental Technologies Corporation (NETC) has prepared this Final site investigation (SI) work plan to complete the evaluation of subsurface environmental contaminant conditions at the former Big N Plaza site This technical work plan represents the level of investigatory work considered appropriate in light of site investigation work recently completed by NETC as well as historical input from the NYS Department of Environmental Conservation (DEC) regarding other contiguous properties formerly owned and used by the American Locomotive Co (ALCO) The scope of the individual services described herein are intended to address the technical requirements outlined as necessary pursuant to the DECs Draft Brownfields Cleanup Program (BCP) Guide dated May 2004 This Final SI work plan has been prepared to complete a base line of site conditions from which subsequent remedial measures can be implemented, if deemed necessary for the contemplated commercial development of the property This Final SI is intended to qualify the soil and groundwater impacts detected in prior site investigations and determine whether the impacts poses a significant threat to public health and the environment This work plan has been developed with the understanding that the anticipated use of the property would include a 65,000 square foot YMCA facility; as well as three additional 30,000 square foot commercial structures to be used by community based educational, medical and commercial entities

1.1 SITE DESCRIPTION

The site, approximately ± 8 0 acres in size, is composed of two contiguous parcels of land (i e , Tax Map No s 39 49-3-1 and 39 50-1-9 1) located in the City of Schenectady, New York (see Figure 1) The City of Schenectady lists Maxon Realty Corp as the owner of record The site is improved by a ±86,000 square foot slab on grade structure and a ± 150,000 sq *ft* lighted asphalt parking lot The effective construction dates listed for the structure located at 1510 and 1520 Maxon Rd are 1972 and 1960, respectively The site is bordered by Nott Street (south), Maxon Road (west), Peek Street (north) and the City of Schenectady bike path (east)

Recent site investigation work has determined the sites unconsolidated deposits as, in descending order, a heterogeneous mixture of cultural fill (consisting of demolition debris, railroad timbers, slag, concrete, brick, coarse sand and gravel) overlying glacial till The unconsolidated glacial deposits were found to be highly variable across the site In some cases, the upper surface of the glacial till is highly weathered and exhibits a greater soil moisture content. Unconsolidated deposits located along the City of Schenectady Bike Path consists of a loamy sand fill.

Surface water drainage crosses the site mainly as sheet drainage and is directed towards Maxon Road. Two catch basins were identified at the site and are located in the southeast and southwest corners of the site The outlet of each catch basins is presumed to be the City of Schenectady storm sewer system College Creek is reported to exist underground approximately 180 feet northwest of the site The outfall or College Creek is the Mohawk River located approximately 1,500 feet northwest of

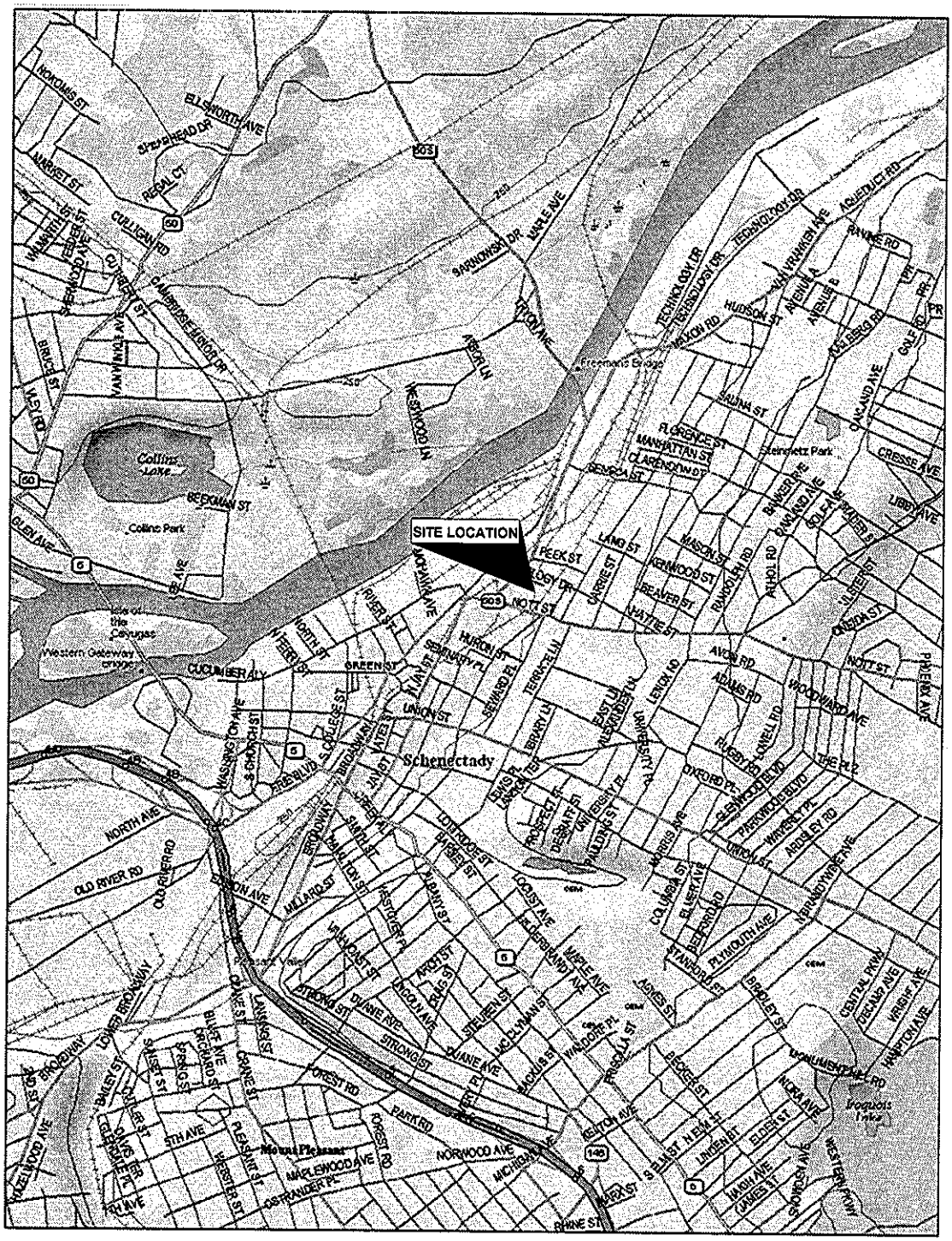

FIGURE 1 - Location Map

Big N Plaza

1510 - 1520 Maxon Rd.

Schenectady, New York

Project # 04.12144	March 14, 2005

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the site The apparent flow direction in the shallow groundwater table is to the west towards College Creek and the Mohawk River A more complete characterization of the site conditions is included in Attachment A (i e , SUBSURFACE INVESTIGATION Big N Plaza 1510-1520 Maxon Rd Schenectady, NY NETC Project #04 12144; dated March 28, 2005)

1.2 VICINITY CHARACTERISTICS

The site is located in the City of Schenectady "Heavy Industrial" zoning district A mixture of active and vacant commercial properties, residential dwellings and the Union College Campus exist in the immediate study area The Nott Street Industrial Park and a D&H Railroad right of way exist west of the site and parallels Maxon Road, Amerada Hess operates a retail gasoline station adjacent to the southwest corner of the site Two inactive auto repair garages exist adjacent to the southwest and northeast portions of the site The Mohawk River is located approximately 0 5 0 miles west of the site

1.3 OPERATIONAL HISTORY

Aerial photographs, historical maps, and previously completed environmental reports were used to assimilate information regarding prior manufacturing and commercial practices that occurred at the site The available historical records identify that prior to ± 1914 the majority of the site was used for residential purposes During the period from ± 1914 - 1960 the majority of the site was used by the American Locomotive Company (ALCO) The Peckham Wolf & Co (a planing mill and lumber yard) is also known to have operated from the eastern portions of the site during the ± 1910 - 1930 period Map records dated 1923 - 1930 illustrate the City of Schenectady Bike path as occupied by the rail lines of the NY Central & Hudson River Railroad Specific references to water lines, "Locomotive Assembly Shop", "Pipe Shop", "Pump House" and underground storage tank infrastructure are noted in the map records

By June 1958 the above noted facilities located at the site were razed The site remained vacant until ± 1960 when the existing Big N Plaza was constructed The available historical records suggest the Big N Plaza was originally constructed as a retail shopping facility The City of Schenectady assessor records identify various retail, commercial, educational and recreational establishments have operated at the Big N Plaza Noteworthy commercial activities that are known to have occurred at the Big N Plaza included an "auto & tire service center", M&P Laboratories, and the E-Z Wash & Dry Cleaners The available historical records suggest the auto & tire service center and the M&P Laboratories each operated from facilities located in the northeast portion of the structure Historical photographs of the Big N Plaza suggest the E-Z Wash & Dry Cleaners operated from the southern portion of the facility, however a specific location for the E-Z Wash & Dry Cleaners was not established

M&P Laboratories is identified as a RCRA Small Quantity Generator (ID No NYD98675761). No regulatory information has been obtained for the "auto & tire service center" or the E-Z Wash & Dry Cleaners References to a "Tank" adjacent to the "auto &

tire service center" and pad mounted electrical transformers located southeast of the structure have been substantiated using a 1990 Sanborn maps of the Big N Plaza,,

1.4 EXISTING ENVIRONMENTAL CONDITIONS

Recently completed site investigation work at the Big N Plaza has confirmed the presence of buried cultural fill, concrete foundations, UST infrastructure as well as certain areas of the property that have detectable concentrations of petroleum, heavy metal and PCB impacted soil and groundwater (see Appendix A) The documented chemical compounds of concern are generally confined to the southern and eastern portions of the site The documented soil and groundwater conditions at the Big N Plaza site are in most cases consistent with those known to exist at other properties historically used by ALCO The areas found to contain chemical contamination appear localized and do not suggest property wide impacts that would otherwise restrict the future commercial use of the site

To achieve the SI objectives outlined as necessary by the BCP the Final SI approach proposes to segments the site into *(5)* investigation areas (See Figure 2) Soil and groundwater samples will be collected from each work area and analyzed for a specific set of contaminants of concern In addition, a network of monitoring wells will be completed in areas outside the above noted investigation areas to establish background (i e, up gradient and down gradient) water quality information for the site Soil and groundwater characterization work below the existing Big N Plaza structure will occur following the removal of the structure Similarly, floor drains located in and outside the structure will be evaluated following the demolition services The following is a detailed description of each work area

AREA 1

Area 1 located southwest of the Big N Plaza, represents a ± 100 ft x 160 ft work zone Visible petroleum impacted soil and groundwater exists in this portion of the site Dissolved phased groundwater impacts appear limited to only heavy metal constituents The proposed SI work will include a delineation of the above noted soil and groundwater impacts which are attributed to ALCO; including the degree that light non aqueous phase liquid (LNAPL) contaminants are present in this portion of the site The Area 1 testing services will also consider future redevelopment work anticipated for this portion of the site

AREA 2

Area *2* is located south of the Big N Plaza and represents an area ± 100 ft x 100 ft. Visible petroleum impacted soil and groundwater exists in this portion of the site, Dissolved phased groundwater impacts include volatile organic compounds (VOC), semi volatile organic compounds (SVOC) and heavy metals The documented petroleum impacts are attributed to the historical use of UST infrastructure in this portion of the site The presence of Vinyl Chloride is attributed to dry cleaning operations associated with a former Big N Plaza tenant The proposed SI work will

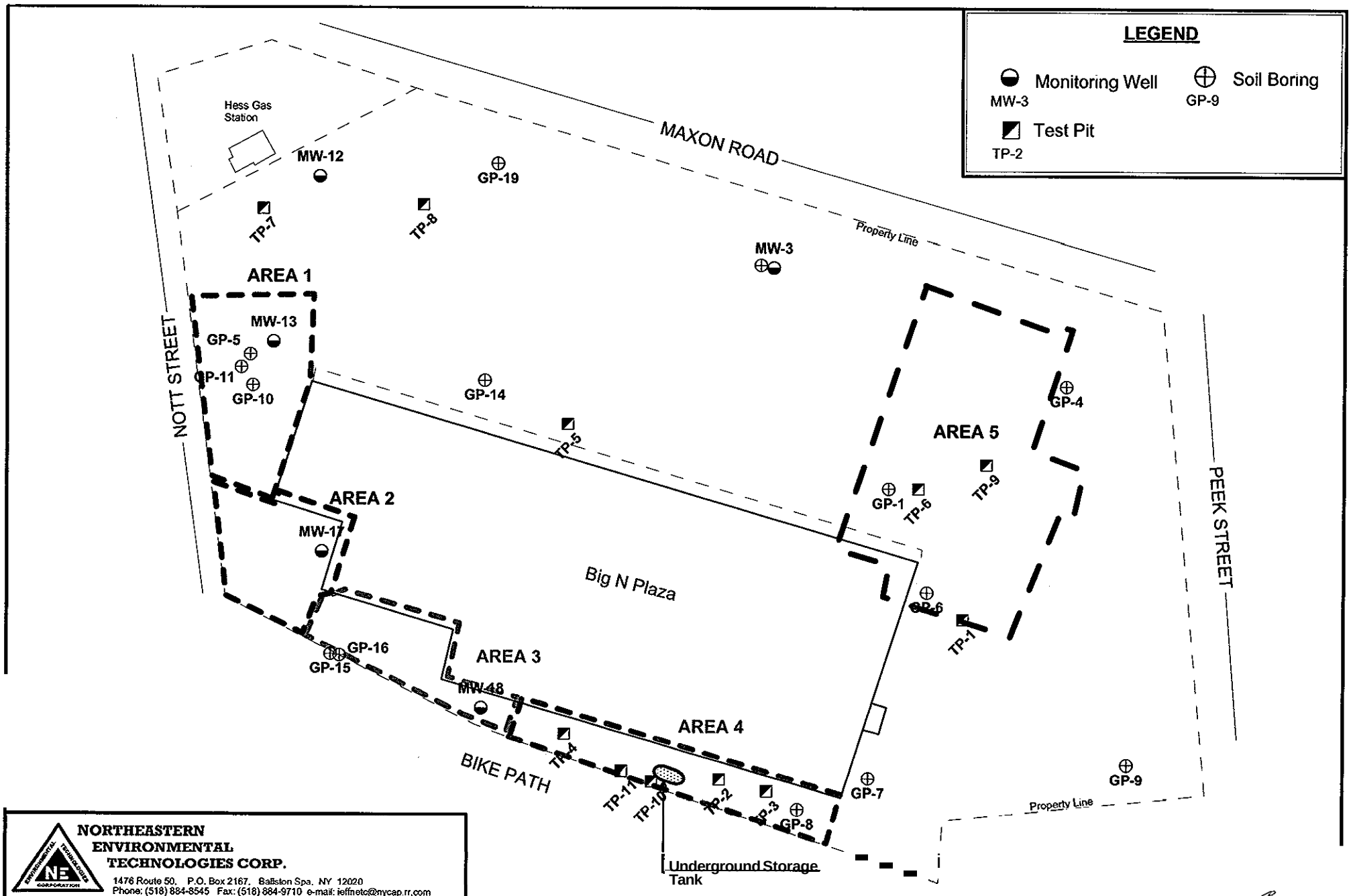

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FIGURE 2: Proposed Investigation Work Areas

PROJECT: Big N Plaza
1510-1520 Maxon Rd. Schenectady, N.Y.

Project # 04.080254	Scale: 1" = 100.0'	Date: 03/14/05

NOTE Map based on a 1990 Sanborn Map and illustrates select sampling services completed at the site in 2005. The location of test pit TP-7 & TP-8 are approximated. VOC & SVOC concentrations are in ppb (parts per billion).

common/netc/sites/youngsonmer/bign/maps/Soilcontareasmapfig11

include a delineation of the above noted soil and groundwater impacts Additional remote sensing survey work (i.e., ground penetrating radar) will also be performed to assess the potential for UST infrastructure This work is expected to include areas below the present foot print of the Big N Plaza.,

AREA 3

Area 3 is located southeast of the Big N structure and represents an area ± 70 ft x 180 ft Visual and olfactory evidence of impacted soil and groundwater exists in this portion of the site The soil and groundwater quality impacts include VOCs, SVOCs, heavy metals and PCBs The proposed SI work will include a delineation of the above noted soil and groundwater impacts; including the degree that light non aqueous phase liquid (LNAPL) contaminants are present in this portion of the site The Area 3 testing services will also consider future redevelopment work anticipated for this portion of the site as well as areas below the Big N Plaza

AREA 4

Area 4 consists of a ± 50 ft. x 275 ft zone northeast of the Big N Plaza One ALCO gasoline UST exists in this portion of the site Visual and olfactory soil and groundwater impacts suggest the petroleum impacts to be in part associated with the use of the UST. The presence of shallow groundwater combined with buried concrete footings has thus far prevented a qualitative assessment of the soil and groundwater condition The soil and groundwater quality characterization services to be implemented in Area 4 include VOCs, SVOCs, heavy metals and PCBs Additional remote sensing survey work (ie, ground penetrating radar) will also be performed to consider the potential for UST infrastructure The proposed SI work will also include an assessment of the degree that LNAPL contaminants, if any are present in this portion of the site, including areas below the Big N Plaza,,

AREA 5

For the purpose of this SI, the foot print of the YMCA facility will be considered Area 5 The soil and groundwater quality characterization services advocated for Area 5 include VOCs, SVOCs, heavy metals and PCBs This work is proposed in large part based on the anticipate uses of the facility by the YMCA,,

2.0 METHODOLOGIES

A detailed accounting of the actual field and laboratory methods proposed to complete the BCP SI work plan are included for consideration

2.1 GROUND PENETRATING RADAR SURVEY

Additional remote sensing surveys will be performed in Areas I and 2 The remote sensing surveys will involve the use of a Noggin 250 plus Smart Cart ground penetrating

radar (GPR) profiling system The GPR survey work will be performed on a ± **4** *O-ft* on center rectangular grid basis to supplement previous GRP information assimilated at the site Under favorable conditions the ground penetrating radar is able to locate a buried metal UST at depths of ± *6 0 - 8 0 ft* Profile records will be interpreted in the field and retained for later interpretation as to the presence of subsurface anomalies The location of suspect anomalies will be located in the field using conventional marker paint for subsequent excavation evaluation(s), as deemed necessary

2.2 TEST PIT EXCAVATIONS

Test pit excavations will be advanced in each of the proposed work zones Particular attention will be given to areas of the site found to contain GPR anomalies indicative of UST and ▮ or other buried structures that could be attributed to ALCO as well as areas of the site previously identified as containing soil and groundwater impacts An experienced NETC geologist will oversee the excavation services and be responsible for detailed logging of each penetration As part of the test pit excavation program, NETC will perform periodic examinations of the ambient air space surrounding the work zone, to evaluate the presence of volatile organic compounds (VOC) An PhotoVac Model *2020* photoinization detector (PID) will be used to facilitate the testing requirements The information acquired will be used to determine the level of health and safety equipment necessary to accomplish the proposed work At this time level "D" conditions are assumed for all drilling services A copy of the proposed Health and Safety Plan proposed for this work is included as Appendix B

Visual and ▮ or olfactory impacted soil that is generated during this work will be encapsulated on site using the 6 mil poly liners until off site arrangements for waste disposal are made Uncontaminated soil and C&D generated during the soil removal services will be used as fill Groundwater encountered during the test pit excavation services will be removed if necessary to facilitate the site inspection and sampling services Groundwater removed from the excavation will be containerized on site and later treated on site or transported off site disposal The test pit excavations proposed for the (5) work areas are illustrated in Appendix B

2.3 SOIL BORING & WELL INSTALLATION PROGRAM

Soil borings will be installed in each of the (5) work areas Each soil boring will be completed in a manner to provide a geological log of the subsurface conditions and provide necessary data on groundwater level and soil quality Each soil boring will be installed following standard drilling methods using direct push techniques (DPT) and rotary methods Each soil boring will be advanced to a depth sufficient to establish the vertical extent of soil contamination, the glacial till or bedrock surface The estimated maximum depth for the soil borings is *20* feet

Nine soil borings will be converted to permanent monitoring wells All monitoring wells will be composed of two basic components; the well screen and the riser or blank The well screen is the intake portion of the monitoring well The basic purpose of the riser is to provide storage and a connection to the surface from the well screen Monitoring wells will be installed individually The size and materials used in monitoring well construction will be determined on a site-specific basis, in accordance with standard methods /guidelines typical for site investigations of this nature Existing data suggests that the proposed monitoring wells will be constructed of 2 -inch flush joint, schedule 40 PVC pipe with 10 feet of slotted well screen Each monitoring well will be constructed to straddle the upper most groundwater table A tailpiece will be included below the screen to postpone silting of the well The annular space around and approximately two feet above the well screen will be filled with a clean filter pack material graded for the slot size of the well A bentonite seal will be installed above the sand pack with the remainder of the bore-hole will be filled with a cement grout surface seal A steel protective manhole cover or protective casing will be installed over each monitoring well to prevent unauthorized access and provide protection for the wells

An experienced NETC geologist will supervise all aspects of the drilling and monitoring well installation program and be responsible for detailed logging of all samples The soil boring / monitoring wells proposed for this SI are included in Appendix B As part of the subsurface drilling program, NETC will perform periodic examinations of the ambient air space surrounding the work zone, and the open bore hole to evaluate the presence of VOCs An PhotoVac Model 2020 PID will be used to facilitate the testing requirements The information acquired will be used to determine the level of health and safety equipment necessary to accomplish the proposed work At this time level " D conditions are assumed for all drilling services

2.3.1 SOIL SAMPLING

Continuous soil samples will be collected following standard DTP sampling method 'Two 24 - 48-inch long (2-inch O D) samplers, consisting of a drive head, barrel and drive shoe, will be used to collect the subsurface soil samples All samples will be logged on site as they are extracted, labeled and retained for additional VOC analysis All sampling equipment will be pre-cleaned prior to use Samples obtained in this manner will be examined and described using the New York State Department of Transportation soil description procedure (Geotechnical Engineering Bureau Soil Control Procedure STP-2, December 1994) In compliance with ASTM methods, the sample jars will be labeled with the following information: job designation, boring number, sample number, depth of sample, depth penetration record and length of recovery

As part of the subsurface investigative program, NETC will perform examinations for VOC's on all soil samples obtained during the test pit excavation services and soil boring program A properly calibrated PID will be used for the field testing program Results of the PID tests will be used to determine the vertical extent of VOC soil contamination, as well as short listing a select number of soil samples for additional

laboratory analysis At this time the chemical testing services presently under consideration for the (5) work areas include a combination of EPA Method 8260, 8270, 8080 and TAL Metals*

The anticipated number of laboratory tests per investigation area are listed in Appendix C The significance of the cultural **fill** found to exist at the site will be evaluated by analyzing (1) composite soil sample to be manufactured from soil samples collected at the 0-2 foot horizon at each of the five work zones The composite fill sample will be analyzed for EPA Methods 8260(+10), 8270B/N(+20), 8080, 8082, and TAL Metals*

2.3.2 DECONTAMINATION PROCEDURES

Prior to drilling the first boring, the equipment to be used in drilling and sampling will be cleaned to remove possible contaminants encountered during drilling at previous jobs All equipment, which is to come in contact with the soil or groundwater, will undergo the initial cleaning procedure While working at the site, the drilling equipment will be decontaminated between soil borings to prevent cross-contamination The cleaning process will involve the use of a steam cleaner or high-pressure wash Uncontaminated water, collected at the site, will be used for all decontamination procedures All decontamination activities will be performed within an designated decon pad established at the site Decontamination waters resultant from the proposed work will be containerized in 55 gallon drums upon identification of VOC's in excess of 5 ppm in any of the soil boring locations Decontamination waters resultant from the proposed work will be containerized in 17 H salvage drums

2.4 GROUNDWATER SAMPLING SERVICES

Prior to any groundwater sample collection services, static water levels will be measured to the nearest one-hundredth of a foot in each monitoring wells The presence of non-aqueous phase liquids (NAPL) will be evaluated in the network of monitoring well using an interface probe Concomitant with the development process temperature, pH, specific conductance, and turbidity will be measured until these parameters show no change, indicating that fresh, representative groundwater is entering the well

Groundwater sampling will occur at the (9) monitoring wells installed during this SI Sampling services will occur when a sufficient volume of water has recovered (i e , fresh aquifer water has entered the well) in the designated wells Sampling will be performed using low flow sampling methods Ail sample containers and preservatives will be provided by a NYS approved laboratory Field quality measurements of pH, specific, conductance, temperature and turbidity will be recorded prior to groundwater sampling A series of grab samples will also be obtained in Work Areas 2, 3 and **4** to assist in the groundwater impact delineation work All samples will be maintained at a temperature of 4°C by commercially available (pre-frozen) "ice-packs" and appropriate holding and transportation times were followed

All samples will be collected in such a manner as to minimize agitation and other disturbing conditions, which may cause physio-chemical changes and bring about losses due to volatilization, adsorption, redox changes or degradation: At this time the chemical testing services presentlv under consideration include EPA Method 8260. 8270. 8080 and TAL Metals*.

With the exception of one TAL Metal sample, all groundwater samples will reflect unfiltered total matrix groundwater chemistry Groundwater obtained from one up gradient monitoring well will be subjected to both filtered and unfiltered TAL metals chemistry for comparison purposes Formal chain of custody documentation will be maintained throughout the shipment of the NETC samples to the laboratory,

Observation will be made and recorded regarding weather and surrounding air/water/soil conditions, non-aqueous components of well water (e g "sinkers", surface sheens) and any other pertinent field conditions The anticipated number of laboratory tests per investigation area are listed in Appendix C.

2.5 UST EVALUATION

A total of eight soil samples and one groundwater sample will be collected as part of the UST assessment in Area 4 The soil and groundwater samples will be collected in accordance with the DER-10 Technical Guidance for Site Investigation and Remediation Section 3 9-3 Other UST infrastructure and/or ALCO piping infrastructure identified will be evaluated on an as needed basis Soil samples will be collected from around the piping infrastructure in accordance with the DER-10 Technical Guidance for Site Investigation and Remediation Section 3 9-5

2.6 FLOOR DRAIN ASSESSMENT

Although the property is abandoned, a floor drain and storm sewer assessment will be conducted to establish the receptors for the past use of floor drains located in the Big N Plaza as well as the storm sewer located on the south side of the property The assessment will include the use of tracer tests (i.e.,dye or smoke) to confirm that the City of Schenectady Sewer System was the ultimate receptor for the site.

2.7 FISH AND WILDLIFE RESOURCES IMPACT ANALYSIS

In light of the urban setting and the specific site conditions encountered during recent assessment work at the site (i e, dilapidated building, paved lots and former ALCO infrastructure below the pavement), a fish and wildlife resource impact analysis is not considered germane to this SI.

*NOTE: Category B laboratory deliverables will be provlded if deemed necessary

2.8 BASE MAP PREPARATION

In order to locate all investigative activities with respect to site features, a base map will be prepared The map will depict on site features adjacent to the subject work zone The preparation of this map will allow for the evaluation of groundwater flow and potential chemical migration pathways The location of all pertinent utility information, test pit, soil boring, monitoring wells and adjacent property information will be placed on this map for reference and evaluation of results The base map will be prepared by a certified New York State Surveyor.

2.9 REPORT ASSIMILATION

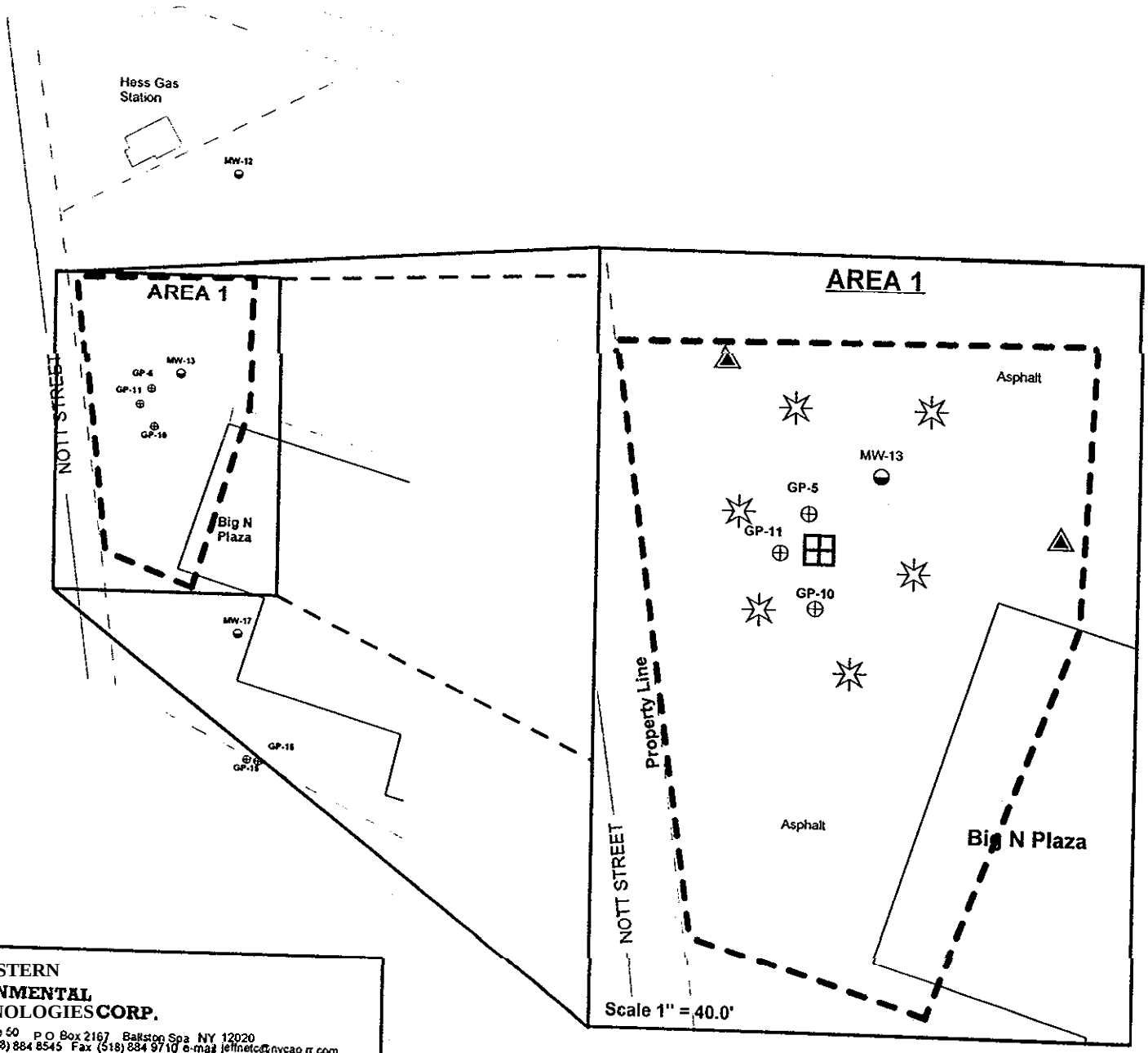
Data collected using the methodologies described in this transmittal will be utilized to interpret and describe the subsurface condition of the site Presentation of data will be clear and concise, providing an understanding of site conditions, and identify any significant risk to human health and the environment posed by the existing conditions

A report will be prepared and submitted to the DEC for formal consideration The report will document all investigatory activities, discuss the rationale and methods of the investigation selected and recommend appropriate options for additional site characterization and / or corrective action work, if necessary,,

The final report will include all data, data analysis, methodology, laboratory results, chain-of-custody documentation as well as any pertinent field notes All information will be presented in a clear and concise manner and substantiate the conclusions and recommendations reached,

APPENDIX A

PROPOSED WORK AREAS



LEGEND

- ⊕ GP-9 — Soil Boring, Installed during a March 2005 SI
- ◒ MW-3 — Monitoring Well, Installed during a March 2005 SI
- Proposed Soil Boring
- Proposed Monitoring Well
- Proposed Test Pit

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORP.
1476 Route 50 P.O. Box 2167 Ballston Spa NY 12020
Phone (518) 884 8545 Fax (518) 884 9710 e-mail jeffnetc@nycap.rr.com

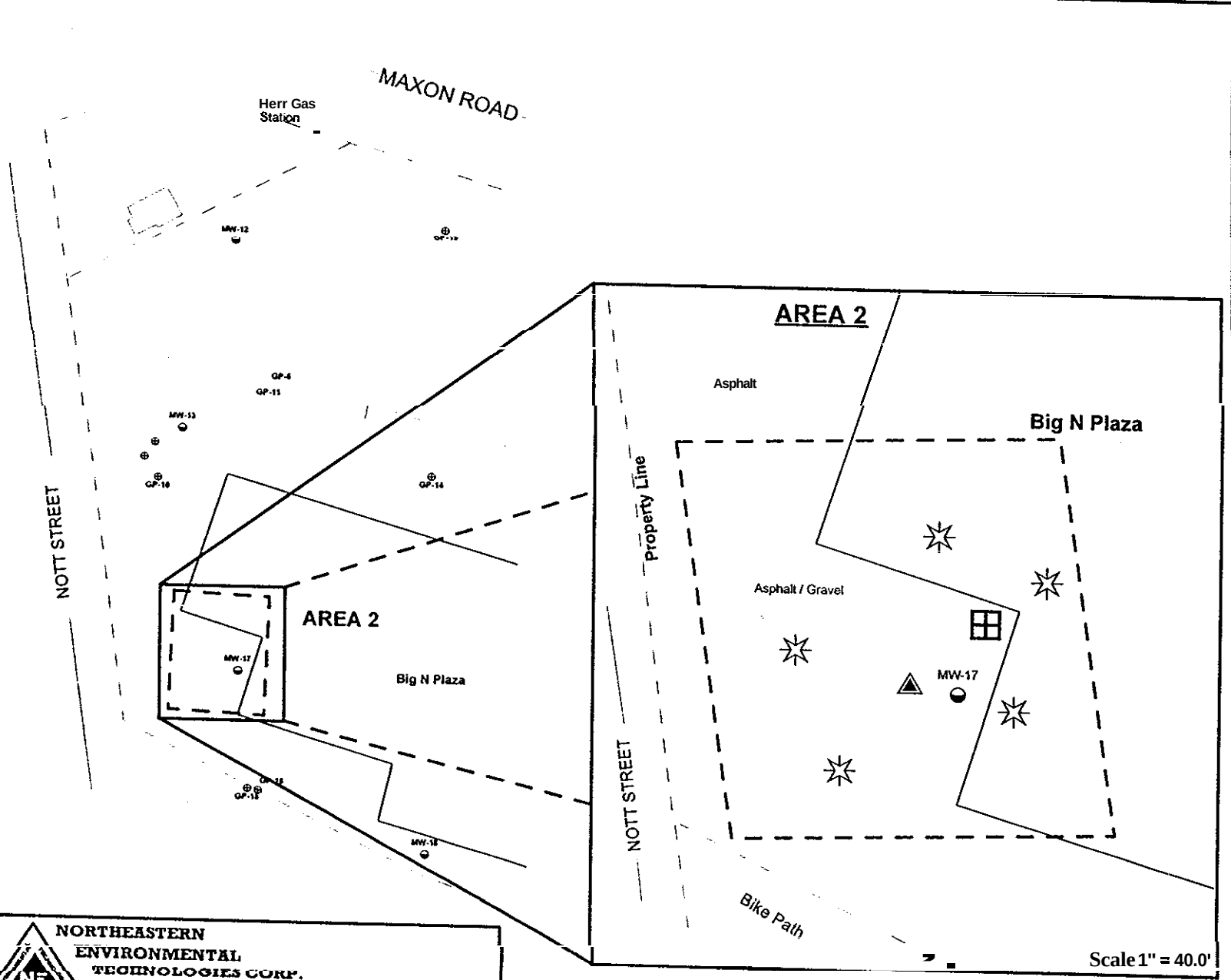
PROPOSED WORK AREA NO. 1

PROJECT: Big N Plaza
1510-1520 Maxon Rd. Schenectady, N.Y.

Project # 04.080254	Scale: See Notes	Date: 03/24/05

NOTE: Map based on a 1990 Sanborn Map.
The proposed soil boring, test pit, and monitoring well locations are subject to change.
Based map scaled to 1"=100.0'

common/netc/sites/youngsommer/bign/maps/RIWPMaps/Aoilcontarea1



LEGEND

- GP-9 — Soil Boring (Installed during a March 2005 SI)
- MW-3 — Monitoring Well (Installed during a March 2005 SI)
- Proposed Soil Boring
- Proposed Monitoring Well
- Proposed Test Pit

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Phone (518) 884-8545 Fax (518) 884-9710 e-mail: jeffnetc@nycap.rr.com

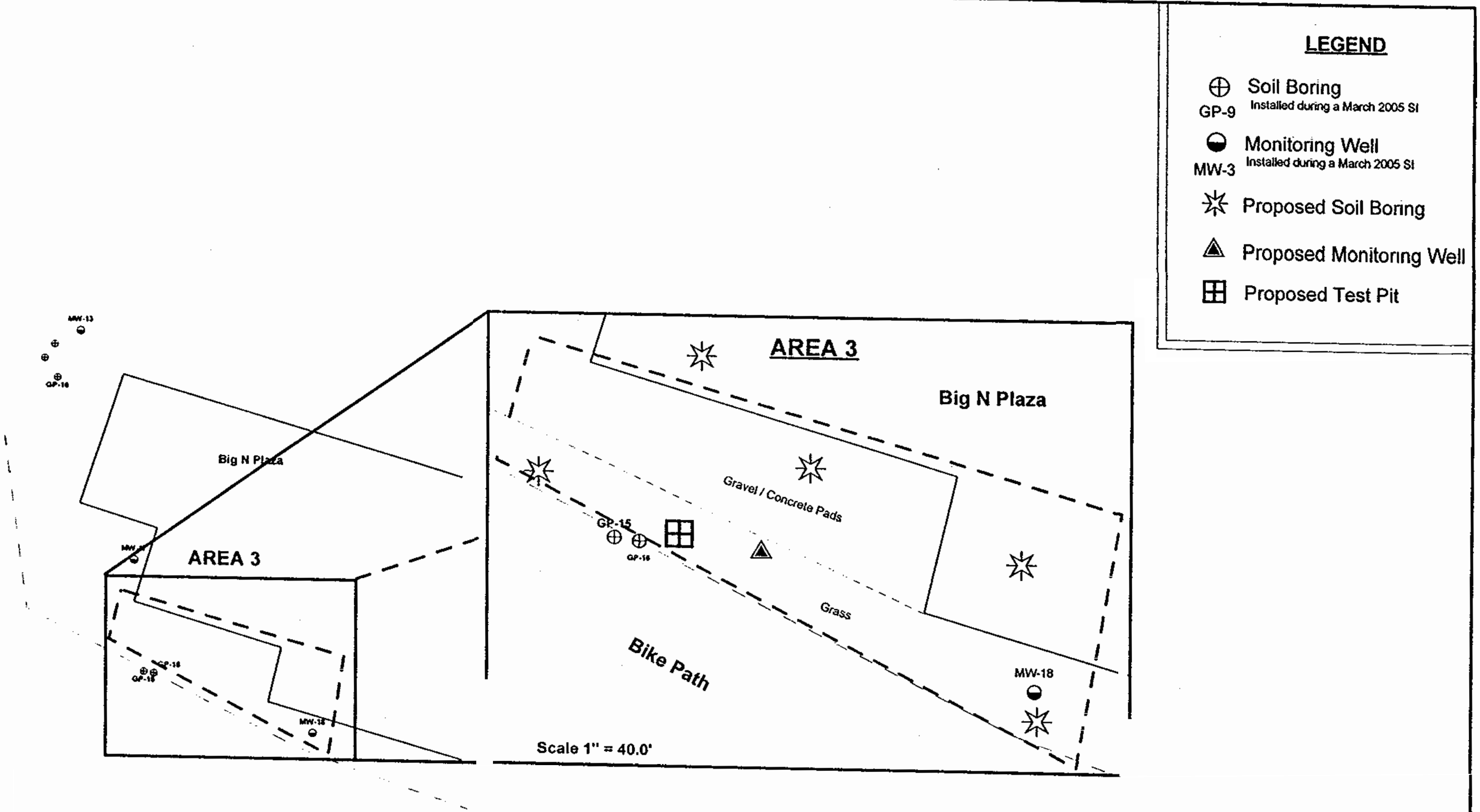
PROPOSED WORK AREA NO. 2

ROJECT: Big N Plaza
1510-1520 Maxon Rd. Schenectady, N.Y.

Project # 04.080254	Scale: See Notes	Date: 03/24/05

NOTE: Map bared on a 1990 Sanborn Map.
The proposed soil boring, test pit, and monitoring well locations are subject to
Based mop scaled to 1"=100.0'

common/netc/sites/youngcorner/bign/maps/RIWPMaps/Aoilcontrea.c



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PROPOSED WORK AREA NO. 3

ROJECT: Big N Plaza
1510-1520 Maxon Rd. Schenectady, N.Y.

Project # 04.080254	Scale: See Notes	Date: 03/24/05

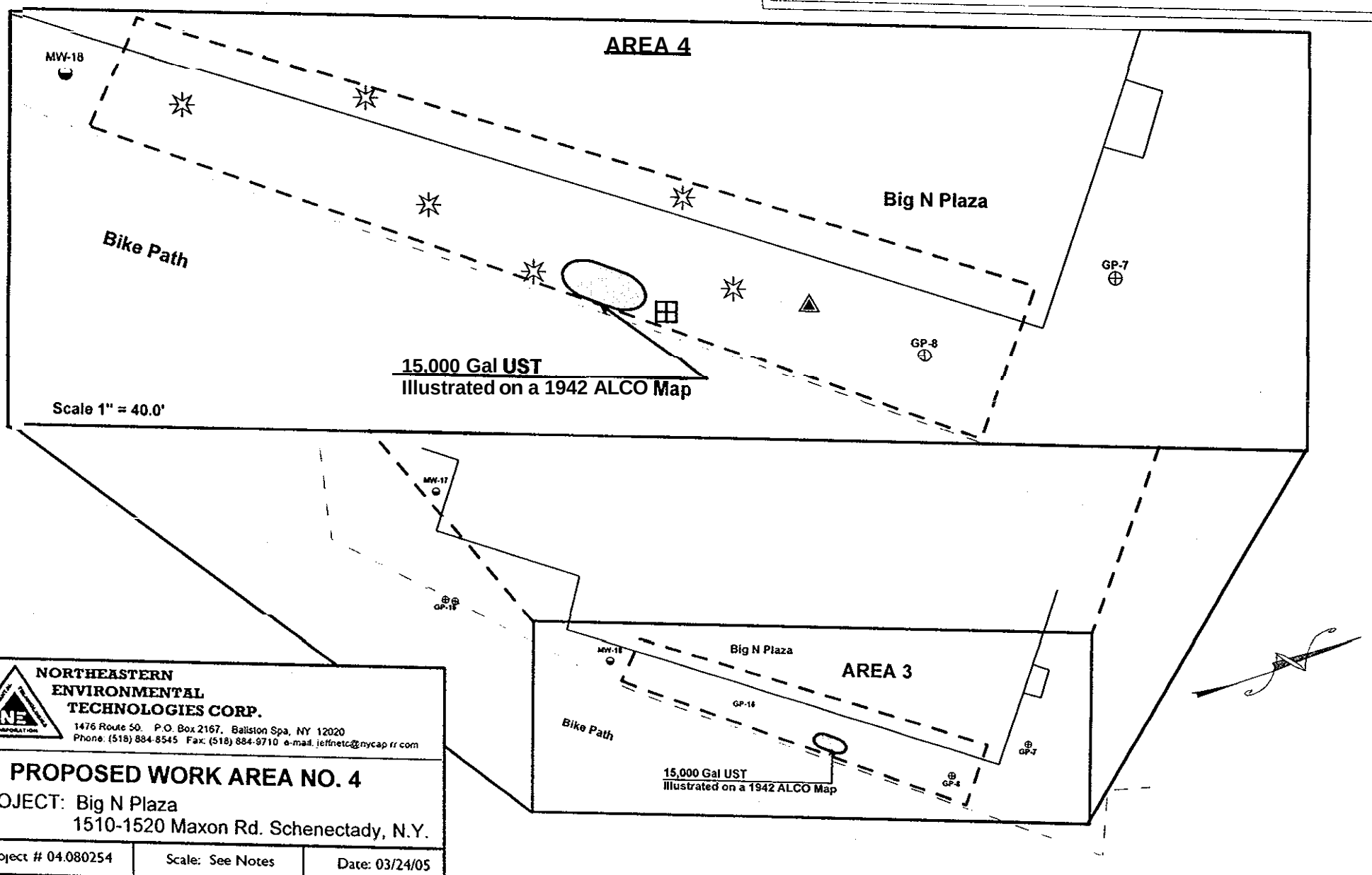
NOTE: Map based on a 1990 Sanborn Map.
The proposed soil boring, test pit, and monitoring well locations are subject to change.
Based map scaled to 1"=100.0'

common/netc/sites/youngcommer/bign/maps/RIWPMaps/Aoicontarea3

NOTE: Map based on a 1990 Sanborn Map.
The proposed soil boring, test pit, and monitoring well locations are subject to change.
Based map scaled to 1"=100.0'

LEGEND

- Soil Boring (GP-9) — Installed during a March 2005 SI
- Monitoring Well (MW-3) — Installed during a March 2005 SI
- Proposed Soil Boring
- Proposed Monitoring Well
- Proposed Test Pit



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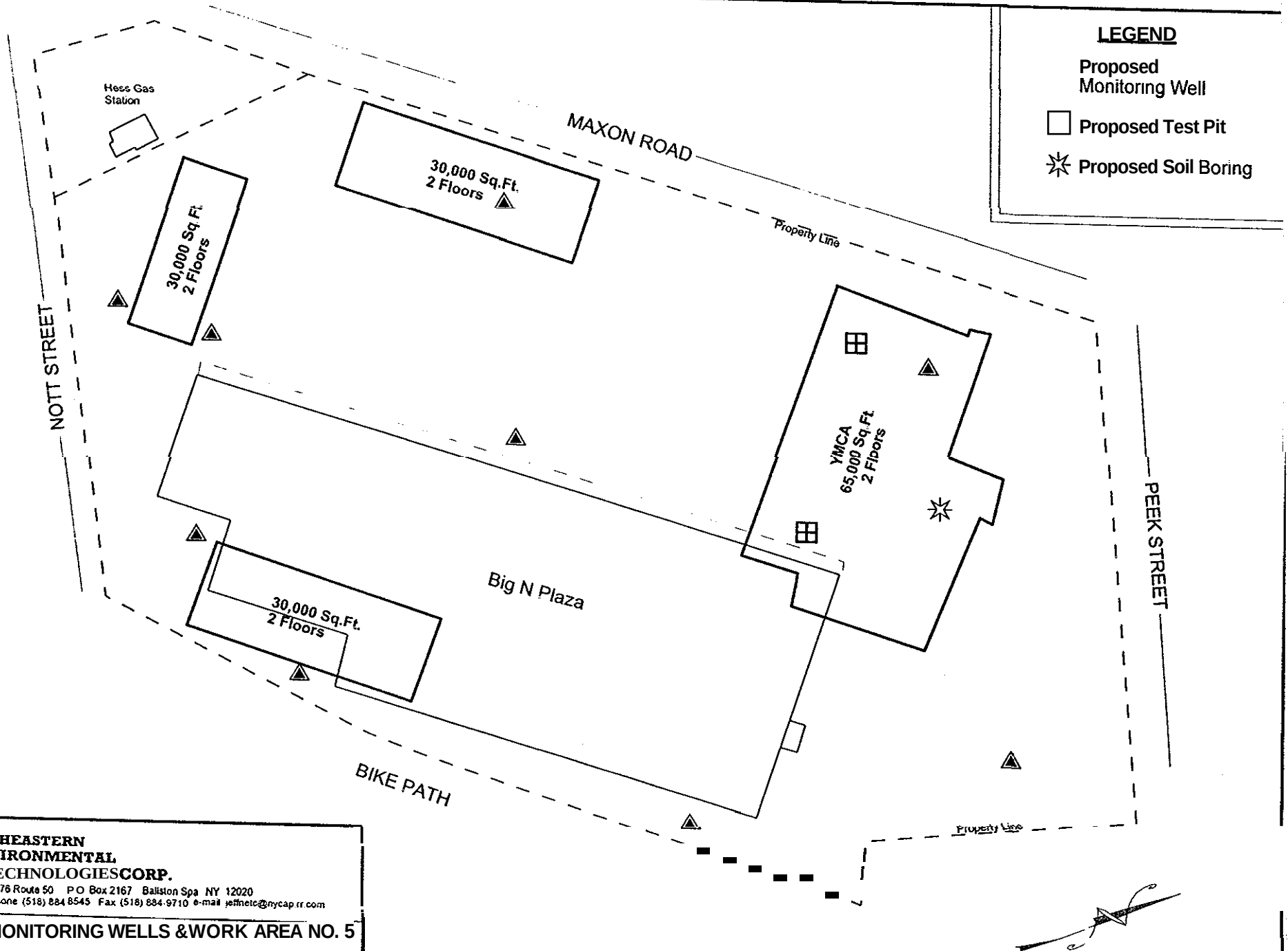
PROPOSED WORK AREA NO. 4

PROJECT: Big N Plaza
1510-1520 Maxon Rd. Schenectady, N.Y.

Project # 04.080254	Scale: See Notes	Date: 03/24/05

common/netc/sites/youngsonmaer/bign/maps/RIWPMaps/Aoilcontarea4



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PROPOSED MONITORING WELLS &WORK AREA NO. 5

PROJECT: Big N Plaza
1510-1520 Maxon Rd. Schenectady, N.Y.

Project # 04.080254	Scale: 1" = 100.0'	Date: 03/14/05

NOTE. Map based on a 1990 Sanborn Map. The locations of the proposed buildings are appriximated

comson/netc/sites/youngsonner/bign/maps/historicalmaps/RIWPMaps/proposedwelllocationsopFig4

APPENDIX B

HEALTH AND SAFETY PLAN

NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORP

HEALTH & SAFETY PLAN

PROJECT INFORMATION

A. Project Site: Former Big N Plaza Site

B. Project Activities:

- o Geophysical Survey (GPR)
- o Excavation Services
- o Drilling Services ▮ Monitoring Well Installation
- o Soil and Groundwater Sampling Services
- o Mapping Services

C. Location: 1510 – 1520 Maxon R d Schenectady New York

D. Name and Address of Owner/Lead Contacts:

Big N Partners
C/o Young, Sommer LLC
5 Palisades Drive
Albany, NY 12205

E. Emergency Contacts & Project Phone Numbers:

1	Bell Atlantic Company	1-800-722-2300
2	City of Schenectady Fire Department (911)	(518) 382-5131
3	City of Schenectady General Services	(518) 382-5089
4	Ellis Hospital ER	(518) 382-4121
5	Finke Equipment	(518) 767-9331
6	Hertz Equipment	(518) 783-4598 (Cell# 365-4699)
7	Mangiardi Brothers Trucking	(518) 477-8940
8	Mohawk Ambulance	(518) 374-4401
9	NE Analytical Laboratories	(518) 346-4592
10	Niagara Mohawk Gas & Electric Svs	(518) 462-7551
11	Northeastern Environmental Techn Corp	(518) 884-8545
	NETC Cell #1	(518) 365-1102
	NETC Cell#2	(518) 365-4773
12	NYS Dept. of Env Con Region 4	(518) 356-2045
13	Rain For Rent - Dan Palmary	(585) 303-3607 (Cell#)
14	REREM. Inc, - Steve Laurence	(518 437-1613 (Cell# 434-4324)
15	State Police Department (911)	(518) 382-5263
16	Underground Facilities Protection Organization	(UFPO)1-800-962-7962

F. History and Nature of Site

It is the goal of this final site investigation (SI) to further characterize the condition of the site This Final SI work plan has been prepared to complete a base line of site conditions from which subsequent remedial measures can be implemented, if deemed necessary for the contemplated commercial development of the property This Final SI is intended to qualify the soil and groundwater impacts detected in prior site investigations and determine whether the impacts poses a significant threat to public health and the environment This work plan has been developed with the understanding that the anticipated use of the property would include a 65.000 square foot YMCA facility; as well as three additional 30,000 square foot commercial structures to be used by community based educational, medical and commercial entities, in a manner consistent with a contemplated professional office park and YMCA

The recent historical use of the site has been associated with a retail plaza Prior use of the site has been associated with the former American Locomotive Company's (ALCO) manufacturing facility The ALCO facility existed primarily west of the City of Schenectady's bike path Recent chemical substances used at the sites included paint, janitorial cleaning agents, dry cleaning compound and petroleum products (fuel oil / waste oils) The historical storage of petroleum has resulted in the release of petroleum to the ground and subsurface in select areas of the site

Recently completed site investigation work at the Big N Plaza has confirmed the presence of buried cultural fill, concrete foundations, UST infrastructure as well as certain areas of the property that have detectable concentrations of petroleum, heavy metal and PCB impacted soil and groundwater (see Appendix A) The documented chemical compounds of concern are generally confined to the southern and eastern portions of the site The documented soil and groundwater conditions at the Big N Plaza site are in most cases consistent with those known to exist at other properties historically used by ALCO The areas found to contain chemical contamination appear localized and do not suggest property wide impacts that would otherwise restrict the future commercial use of the site The objective of this SI will be to delineate the horizontal and vertical extent of the soil and groundwater impacts

The HASP describes protection standards, practices and procedures pertaining only to this SI The HASP is written with the intent of developing the awareness of site personnel to the health and safety hazards, which may exist, thereby avoiding unnecessary risks The HASP establishes mandatory safety practices, procedures and personal protection standards and applies to all NETC personnel associated with the CAP work All personnel who perform project activities associated with the CAP will familiarize themselves with this HASP and comply with its requirements Personnel will sign and date the "Tailgate Safety" form prior to entering any area on site suspected of being contaminated with hazardous materials (or any other such restricted areas - See Attachment A)

Note:

1 All information contained herein shall be reviewed by on site personnel prior to entering the work zone,

2. This HASP applies to NETC personnel and its assigned representatives only Outside agent/contractors are responsible for their own internal Health and Safety Plan(s) prior to entering the site

G. Project Objectives:

This Final SI is intended to qualify the soil and groundwater impacts detected in prior site investigations and determine whether the impacts poses a significant threat to public health and the environment This work will be accomplished through a focussed soil & groundwater-testing program using conventional environmental field methods (i e , excavation, drilling, standard soil and ground water sampling methods) at the site

H. Site/Waste Characteristics

Waste Types: Liquid__X__ Solid__X__ Sludge Gas__X__
Characteristics: Corrosive ——— Ignitable ——— Radioactive Volatile X
Toxic X Reactive __ Unknown ____

I. Field Work Description:

The areas under for consideration generally include areas previously found to contain soil and groundwater impacts and areas of the site targeted for future structural improvements The field services will be directed in part by verbal directives from the DEC Region 4 Spill Unit During the evaluation ambient air

monitoring work will be performed at each sampling location to consider the presence of volatile organic compounds (VOC) that could compromise the environmental conditions of the site and ▮ or surrounding area

J. Project Work Tasks:

Task 1: GRP Survey
Task 2: Excavation Services
Task 3: Drilling / Monitoring Well Installation Services
Task 4: Mapping Services
Task 5: Groundwater & LNAPL. Monitoring Services

Comments:

Based on site conditions a modification to the scope of work may be deemed necessary. Any modification to the scope of services outlined in this HASP will first be endorsed by the DEC and/ or its assigned representatives

Proiect Team Members:

Project Coordinator & Safety Officer (PCSO):	J. Wink
Geologist (Alternative PCSO),:	Todd Scott, Kate Nightingale
Project Scientist (Alternative PCSO),:	Joe Naselli
Equipment Operator:	Rick Earl,
Field Tec.s	Robert Gray, Pat Kemble

K. Hazard Evaluation

The suspected hazards which may exist at the ALCO site during site activities can be grouped into three categories; chemical; heat stress; and physical hazards associated with the operation of machinery

Chemical Hazards

Chemical compounds previously identified at the site can be categorized as petroleum based hydrocarbons All previous site assessment services have been performed in level "D" protection On this basis, continuous respiratory protection is not indicated for most field activities However, the necessity of respiratory protection will be based on continuous gas monitoring to be performed during all test drilling work

No planned removals of buried chemical containers will be conducted during this phase of work No work will be conducted in an enclosed environment (buildings, tanks, etc) during this investigatory phase of work 'These restrictions on types of work to be performed during site investigation substantially decreases the potential for exposure to gases and vapors, as well as the direct exposure to suspected hazardous chemicals

Heat Stress

Field activities during site investigation phases will be conducted during the summer months Therefore, heat stress will be of concern Heat stress prevention and symptoms are further discussed in Section T

Physical Hazards

Physical hazards exist during the operation of earth moving ▮ drilling machinery These types of accidents may involve a wide range of bodily injuries and will be managed using conventional first responder first aid pursuant to EMS protocol as outlined in Sections S

L. Personnel & Responsibilities

Listed below are key personnel involved with the project Their responsibilities are also included:

1 PROJECT COORDINATOR / SITE SAFETY OFFICER

The project coordinator I site safety (PCSO) officer will direct the site investigation After the project starts and the PCSO has had time to evaluate the potential for hazardous site conditions, he or she may determine that a member of the project team may assume site safety officer duties The primary responsibilities of the PCSO are:

- Assuring that all personnel are aware of the potential hazards of the site as well as the proper and improper procedures for handling those hazards, should they occur, including all health and safety provisions and standards in this HASP
- Assuring that the proper personnel protection equipment is available and utilized properly by all site personnel
- Assure that site personnel observe the appropriate work practices procedures
- Monitoring the performance of personnel to ensure that mandatory health and safety procedures are adequate and correcting any performances that do not comply with the HASP
- Preparation and submittal of any and all project reports including progress, accident incident and contractual

2 SITE PERSONNEL

Site personnel will be those individuals involved in field operations Their primary responsibilities will be:

- Perform all required work safely
- Familiarize themselves with and understand the HASP, including proper use of personal protection equipment
- Report any unsafe conditions to supervisory personnel
- Be aware of signs and symptoms of potential exposure to site contaminants and weather stress Based on the limited scope to the SI on site personnel will be responsible for multi tasks as designated by the PCSO

M. Emergency Services

Emergency services (fire, police, ambulance, and local hospitals) will be notified as applicable to activities at the site Emergency telephone numbers, will be conspicuously posted next to the field telephone All field personnel will be made aware of the location of the site telephone and the directions to the closest emergency facility

All field personnel will be trained in the recognition of heat stress (heat cramps, heat exhaustion. heat stroke) related to working in warm weather conditions No person will work alone in the field; the buddy system will be strictly enforced and each will visually monitor his buddy as often as possible Heat stress is discussed in more detail in Section T

Water and first aid supplies will be strategically located on site for immediate access by on-site personnel In the event of skin or eye contact with hazardous materials, the affected personnel will be immediately rinsed and brought to a physician Subsequent to any emergency incident, a report describing the incident and those persons involved will be written and submitted to the PSOC

N. Health & Safety Training

All field personnel will have received a "Health and Safety Training Course" for hazardous waste operations mandated by OSHA (29 CFR 1910 120) Appropriate personnel will receive the additional 8-hour supervisor's training

Prior to starting work, the PCSO will conduct a training session to assure that all field personnel understand their safety responsibilities All personnel will be instructed on potential health and safety hazards

Specifically, the following topics will be covered in the initial training session:

- Potential routes of contact with contaminants
- Types, proper use, limitations and maintenance of applicable protective clothing and equipment

  respiratory protection using air-purifying respirators equipped with organic vapor and acid gas cartridges This will include use, maintenance, storage, and limitations of use
- Proper decontamination procedures and adherence to work zone boundaries

  Proper waste/cuttings handling and disposal procedures

  Reporting of accidents and availability of medical assistance
- Recognition of symptoms and signs which indicate overexposure to contaminants or other hazards

Each morning prior to the commencement of the day's work, on-site personnel will review the scheduled work for the day and health and safety procedures to be utilized with all team members Additional training sessions will be conducted whenever any changes in health and safety hazards or procedures warrant it

O. Standard Operating Safety Procedures

Standard operating safety procedures include precautions and operating practices that all responding personnel should follow These include:

1 PERSONAL PRECAUTIONS

No contact lenses may be worn on-site

Eating, drinking, chewing gum or tobacco, smoking, or any practice that increases the probability of hand-to-mouth transfer and ingestion of material is prohibited in any area designated contaminated

Whenever decontamination procedures for outer garments are in effect, the entire body should be thoroughly washed as soon as possible after the protective garment is removed

- No facial hair which interferes with a satisfactory fit of the mask-to-face-seal is allowed on penonnel required to wear respirators

Contact with contaminated or suspected contaminated surfaces should be avoided Whenever possible, do not walk through puddles, leachate, discolored surfaces, kneel on ground, lean, sit or place equipment on drums, containers, or the ground

- Medicine and alcohol can increase the effects from exposure to toxic chemicals. Unless specifically approved by a qualified physician, prescribed drugs should not be taken by personnel where the potential for absorption, inhalation or ingestion of toxic substances exists Alcoholic beverages should be avoided during off-duty hours, if possible

2 OPERATIONS

- All personnel entering the site must be thoroughly briefed on anticipated hazards, equipment to be worn, safety practice to be followed, emergency procedures, and communications

- Any required respiratory protection and chemical protective clothing must be worn by all personnel entering areas designated for wearing protective equipment

- Personnel on-site must use the buddy system at all times

- Visual contact must be maintained between field and safety personnel

During continual operations, on-site workers act as safety backup to each other Off-site personnel provide emergency assistance

Personnel should practice unfamiliar operations prior to performing the actual procedure

- Entrance and exit locations shall be designated and emergency escape routes delineated by the PCSO

Communications using radios, hand signals, signs, or other means must be maintained between personnel at all times Emergency communications will be prearranged by the PCSO in case of radio failure, necessity for evacuation of site, or other reasons

Personnel and equipment in the contaminated area should be minimized, consistent with effective site operations

- All field personnel should make full use of their senses to alert themselves to potentially dangerous situations which they should avoid, e g , presence of strong and irritating or nauseating odors

- Field personnel should be familiar with the physical characteristics of the site, including:
  + wind direction in relation to contamination zones;
  + accessibility to associates, equipment, and vehicles;
  + communications;
  + operation zones;
  + site access; and
  + nearest safety shower and eyewash station

- Procedures for leaving a contaminated area must be planned and implemented in accordance with the HASP prior to going on site

All visitors to the job site must comply with the HASP procedures Personal protective equipment may be modified for visitors depending on the situation Any modifications must be approved by the site PCSO

P. Personal Protection Program

1 PROTECTIVE EQUIPMENT

Protective clothing and respiratory protection will help prevent on-site workers from coming in contact with contaminants The selection of protective equipment will be based upon the types, concentrations, and routes of exposure that may be encountered The appropriate level of protection for initial site entry will be based upon a conservative assessment of the best available site contamination information

Based upon known facts relative to the site, Level D protective equipment is indicated during on-site work involving drilling and sampling During these activities, the minimum required personal protective equipment for personnel within the work zone (Hot Zone) will consist of the following:

- o Hard-hat
- o Safety glasses (when full-face respirator is not indicated)
- o Steel-toe work boots
- o Tyvek suit (optional) or equivalent coverall clothing
- o Gloves
- o Safety glasses
- o Hearing protection
- o Use of the full face APR (equipped with organic vapor and acid gas cartridges) will be required when 5 PPM vapor is recorded on the Photoionization detector (PID) or a published TLV is documented within the ambient air of the work zone, after which use of the respirator will be mandatory

2 FIELD MONITORING

During all drilling operations, monitoring of breathing space in proximity to the drilling equipment will be conducted with a PID calibrated to read 1:1 for Benzene The results of PID monitoring will be used to advise personnel regarding existing conditions and to determine policy relative to the use of protective equipment Monitoring will also be conducted during all drilling operations to detect any release of volatile organic compounds (VOC) This monitoring will be used to protect personnel from unsafe and/or unhealthful conditions During other on-site activities not involving heavy equipment, sampling or the potential exposure to hazardous materials, Level D equipment is optional at the discretion of the site PCSO Additional personal monitoring may be instituted based on the results of the initial field services

Q. Site Control - Work Zones

1 CONTROL. AT THE SITE

The site will be controlled to reduce the possibility of: (1) contact with any contaminants present and (2) removal of contaminants by personnel or equipment leaving the site The possibility of exposure or translocation of substances will be reduced or eliminated by:

- Setting up security and physical barriers to exclude unauthorized personnel from the general area
- Minimizing the number of personnel and equipment on-site consistent with effective operations
- Establishing work zones within the site
- Establishing control points to regulate access to work zones
- Conducting operations in a manner to reduce the exposure of personnel and equipment and to eliminate the potential for airborne dispersion
- Implementing appropriate decontamination procedures

Three contiguous work zones are recommended:

Zone I: Exclusion Zone
Zone II: Contamination Reduction Zone
Zone III: Support Zone

Zone 1: Exclusion Zone

The Exclusion Zone, the innermost of three areas, is the zone where contamination could occur This zone will generally correspond to the immediate work zone surrounding the soil removal zone or drilling equipment targeted for the site All people entering the Exclusion Zone must wear prescribed levels of protection An entry and exit checkpoint will be established at the periphery of the Exclusion Zone to regulate the flow of personnel and equipment into and out of the zone This will assist in verifying the procedures established to enter and exit are followed

The outer boundary of Zone 1, the Hotline, has been established to be a 25 foot radius from the test bore / excavation The Hotline will be defined by marker cones or similar barriers During subsequent site operations, the boundary may be modified or adjusted as more information becomes available

All personnel within the Exclusion Zone must wear the required level of protection Personnel protective equipment is designed based on site-specific conditions including the type of work to be performed and the hazards that might be encountered Different levels of protection may be justified within the Exclusion one as determined by the site PCSO after reviewing the specific operations

Zone II: Contamination Reduction Zone

Between the Exclusion Zone and the Support Zone is the Contamination Reduction Zone which provides a transition between contaminated and clean zones Based on the nature of this field services this will be a flexible zone based on the location of the sampling points but will generally correspond with the sites property line At this time, the Contamination Reduction Zone is considered to be that area outside the storm water silt fence that surrounds the site In the event gross contamination is encountered a designated site-specific contamination zone and associated reduction corridors will be established by the designated PCOS

Unless otherwise specified by the PCSO, during drilling operations personnel entering Contamination Reduction Zone will be required to wear the prescribed personnel protective equipment, as required

Zone III: Support Zone

The Support Zone, the outermost part of the site, is a non-contaminated or clean area Support equipment is located in the zone; traffic is restricted to authorized site personnel Since normal work clothes are appropriate within this zone, potentially contaminated personnel clothing, equipment, and samples are not permitted, but are left in the Contamination Reduction Zone until they are decontaminated

R. Decontamination Procedures

Contaminated equipment and materials leaving the site must be decontaminated or isolated appropriately. All materials will be assumed contaminated if they have been used within the Exclusion Zone Procedures for decontamination will consist of high pressure cleaning for the earth moving equipment. drilling and sampling equipment. Decontamination procedures may also call for large quantities of water, soap and brushes, and a collection system for the contaminated wash water Requirements for decontamination will be limited by using disposable sampling equipment The number of vehicles entering the site will be restricted to an absolute minimum Only authorized vehicles will be allowed to enter the Contamination Reduction Zone

Water will be available to team members for rinsing off contaminated material Tyvek outer clothing will be discarded The decontamination area will be set up to decontaminate clothing and equipment of team members leaving the Exclusion Zone on an as needed basis Decontamination will consist of a thorough soap and water wash Personal decontamination will become necessary only after personnel encountering gross contamination

In order to minimize contamination of sample handlers and laboratory personnel, sample bottles will be tightly capped in the field, label secured and placed in the appropriate transportation container(s)

S. Emergency Information

1 EMERGENCY SITUATION

All on site activities present a potential risk to on-site personnel During routine operations, risk is minimized by establishing good work practices, staying alert, and using proper personal protective equipment Unpredictable events such as physical injury, chemical exposure, or fire may occur and must be anticipated

Emergency conditions are considered to exist if:

- Any member of the field crew is involved in an accident or experiences any adverse effects or symptoms of exposure while on site; or
- A condition is discovered that suggests the existence of a situation more hazardous than anticipated

2 EMERGENCY PROCEDURES

a) General: The following emergency procedures should be followed: In the event of emergency, the appropriate contacts identified in the emergency phone numbers list at the front of this HASP shall be notified This list should be posted conspicuously at the site and next to the site telephone

- Personnel on site should use the "buddy" system (teams)
- Buddies should prearrange hand signals or other means of emergency signals for communications in case of being out of hearing range,
- Visual contact should be maintained between "teams" in order to assist each other in case of emergencies.
- In the event that any member of the field crew experiences any adverse effects or symptoms of exposure while on site, the entire crew should immediately halt work and act according to the instructions provided by the PCSO.
- The discovery of any condition that would suggest the existence of a situation more hazardous than anticipated should result in the evacuation of personnel and reevaluation of the hazard and the level of protection required,
- In the event an accident occurs, the PCSO will complete an Accident Report Form (see Attachment A) Follow-up action shall be taken to correct any situation that caused the accident

b) Personal Injury: In case of personal injury at the site, the following procedures will be implemented:

- On-site personnel administer treatment to an injured worker.
- The victim will be transported to the nearest hospital or medical center if necessary, an ambulance will be called to transport the victim

c) Chemical Exposure: If a member of the field crew is exposed to hazardous chemicals, the procedures outlined below will be followed:

- Another crewmember (buddy) will remove the individual from the immediate area of contamination.
- Precautions will be taken to avoid exposure of other individuals to the chemicals
- If the chemical is on the individual's clothing, first rinse the clothing if possible, and then the clothing should be removed if it is safe to do so

- If the chemical has contacted the skin, the skin will be washed with copious amounts of water
- In case of eye contact, an emergency eyewash will be used
- If necessary, the victim will be transported to the nearest hospital or medical center The nature of the injury may require that an ambulance should be called to transport the victim
- All chemical exposure incidents must be reported in writing by the PCSO on an Accident Report Form

d) Escape Routes: Flags will be positioned at various other locations to indicate wind direction In the event of an sudden release of fire, all personnel will move away from the immediate area in an upwind direction and then to the site exit point Personnel downwind of the incident will first move to the perimeter of the site and then upwind to a safe distance

e) Signal for Evacuation: In the event of a sudden release or fire requiring immediate evacuation of personnel, the signal for evacuation will be three quick horn signals The horns will be kept in a conspicuously visible location for quick access by all on site personnel

f) Other Signals: All equipment will be equipped with a fire extinguisher It will also be the operator's responsibility to practice fire prevention measures such as periodically cleaning the equipment to keep it free of accumulated oil/grease or other combustible materials In the event of a drill equipment fire or any other fire which cannot be controlled with available fire extinguisher's, the local fire department will be summoned

T. Thermal Exposure Monitoring

1 **GENERAL** : Adverse weather conditions are important considerations in planning and conducting site operations

a) HEAT STRESS

Heat stress can result when the protective clothing decreases natural body ventilation This can occur even when temperatures are moderate Various levels of personal protection require low permeability disposable suits, gloves and boots, which prevent most natural body ventilation Discomfort due to increased sweating and body temperature (heat stress) will therefore be expected at the work site Some signs and symptoms of heat stress are:

- Heat Rash - Continuous exposure to heat or humid air
- Heat Cramps - Inadequate electrolyte replacement
  - muscle spasm
  - pain in the hands and feet
- Heat Exhaustion - Inadequate blood circulation
  - pale, cool, moist skin
  - heavy sweating
  - dizziness
  - nausea
  - fainting
- Heat Stroke -Temperature regulation fails and the body temperature rises to critical levels
  - red, hot, usually dry skin
  - lack of or reduced perspiration
  - nausea
  - dizziness and confusion
  - strong, rapid pulse
  - coma

b) Monitoring

- Heart Rate - Radial pulse will be recorded during a 30-second period as early as possible in the rest period
- If the heart rate is >110 beats/minute at the beginning of the rest period, the next work cycle will be shortened by one-third and the rest period will remain the same
- If the heart rate is still >110 beatslminute at the next period, the following work cycle will be shortened by one-third.
- Strip thermometers will be used if deemed necessary to record an individual's temperature at time intervals as follows:

Ambient Air Temperature	Interval
>70oF	every 3 hours
>80oF	every 2 hour
>90oF	every 1/2 hour

- If normal temperature exceeds 99 6oF (37 6oC), the next work cycle will be shortened by one-third
- If oral temperature still exceeds 99 6oF (37 6oC) at the beginning of the next rest period, the following work cycle will be shortened by one-third
- No worker will be permitted to wear a semi-permeable garment when his/her oral temperature exceeds 100oF (38 1oC)

Recommendations to reduce heat stress:

- Drink plenty of fluids (to replace loss through sweating)
- Make adequate shelter available for taking rest breaks to cool off

For extremely warm weather, follow these additional recommendations:

- Wear cooling devices to aid in ventilation (the additional weight may affect efficiency
- Install portable showers or hose down facilities to cool clothing and body
- Shift working hours to early morning and early evening avoiding the hottest time of the day
- Rotate crews wearing the protective clothing

c) COLD EXPOSURE

Prolonged exposure to cold will occur without proper protection, and the effects of cold exposure can be felt in temperatures above freezing as well as below freezing Exposure to cold can cause severe injury (frostbite) or an overall drop in body temperature Fingers, toes, and ears are most susceptible to frostbite Both the outdoor temperatures and wind velocity play a part in cold weather injuries. Wind chill is used to describe the chilling effect of moving air in combination with low temperatures Cold exposure is a serious threat to the site personnel that remove protective clothing and expose perspiration soaked underclothing to the cool air Water conducts heat 240 times faster than air, thus rapidly cooling the body and wet clothing

Systemic hypothermia is caused by exposure to freezing or rapidly dropping temperatures - its symptoms are usually seen in 5 stages:

- shivering
- apathy, listlessness, sleepiness and rapid body cooling
- unconsciousness, glassy stare slow pulse and respiratory rates
- freezing of the extremities (most sensitive to freezing first are the fingers, toes and ears)
- death

Based on the period and duration of this work this issue is not considered applicable to this work

U. Record Keeping

1 PERSONNEL EXPOSURE

A site log with a required sign-in, sign-out procedure will document the time spent by each team member on the site This information will be supplemented by periodic air monitoring in the work zone air

2 PROTECTIVE EQUIPMENT

A checklist will track all protective equipment brought into the field each day This will ensure that decontamination is performed in the field that any additional preparation, such as sanitizing face masks (if deemed necessary), is performed in the decontamination area prior to reuse Any equipment malfunction must be noted on the checklist and repaired before reuse Other routine maintenance checks will be scheduled and recorded on a regular basis to ensure that protective equipment is effective at all times

3 INCIDENT REPORTS

Any chemical release to air, water, or soil must be reported to the PCSO Any exposure to personnel resulting from such a release or from protective equipment failures must be reported immediately to the PCSO and / or other designated personnel as well as in writing within 24 hours,

4 MONITORING EQUIPMENT
All air monitoring equipment will be calibrated each day Logs will be maintained for each calibration

V. Sample Handling , Transportation & Shipment

1 HANDLING

All samples will be properly labeled and placed in clean containers before being removed from the site To minimize the hazards to laboratory personnel associated with sample handling, sample volumes sent to the lab will be no larger than necessary and all sample containers will be sealed prior to shipment

2 TRANSPORT

All samples collected at the site will be taken to a pre designated sample bank to be established / designated by the PCSO for preparation for shipment to appropriate laboratories No samples, specimens, or other materials will be removed from the site other than those, which will be transmitted to the sample bank, or to designated disposal areas All samples will be properly packaged following the sampling protocols to preserve the integrity of the sample and to prevent the inadvertent escape of contaminants In addition, all samples will be placed in a suitable container before transport to prevent leakage.

2 SHIPPING

Shipping containers and labeling procedures will follow established protocols Samples will be packed in ice chests filled with packing material and "Blue Ice" Department of Transportation regulations for sealing and marking the ice chests will be followed At this time it is anticipated that all samples will be shipped by NETC to NE Analytical or other laboratory subcontractor designated for this work

ATTACHMENT A

TAILGATE SAFETY MEETING FORMS

TAILGATE SAFETY MEETING

Division/Subsidiary _____ Facility _____

Date _____ Time _____ Job Number _____

Customer _____ Address: _____

Specific Location _____

Type of Work _____

Chemicals Used _____

SAFETY TOPICS PRESENTED

Protective Clothing/Equipment _____

Chemical Hazards _____

Physical Hazards. _____

Emergency Procedures _____

Hospital / Clinic _____ Phone ( ) _____ Paramedic Phone ( ) _____

Hospital Address _____

Special Equipment _____

Other _____

ATTENDEES

NAME PRINTED	SIGNATURE

Meeting conducted by:

NAME PRINTED _____ SIGNATURE _____

Supervisor _____ Manager _____

TQ Form 0540-1G (Revised 10/84)

INJURY REPORT FORMS

NORTHEASTERN
ENVIRONMENTAL
TECHNOLOGIES CORP.
MAIL: P.O. BOX 2167 • BALLSTON SPA, NY 12020
SHIPPING: 1476 ROUTE 50 • BALLSTON SPA NY 12020

EMPLOYEE PERSONAL INJURY REPORT

Report No. _____

LOCATION & TIME

Location where employed:	Address where accident occurred:	
Date and time of accidental injury or illness diagnosis:	County where accident occurred:	Date and time accident reported:

EMPLOYEE

Name of employee:	Employee No.:	Age:	☐ Male ☐ Female
U.S. Citizen: ☐ Yes ☐ No If No, Birthplace:	Department:		
Job title:	Experience at job:		
Social Security No.:	Address of employee:		
Date hired:			

ACCIDENT & INJURY

Did the injury occur while working on the premises? ☐ Yes ☐ No

What project or operation was employee involved in at the time of the injury?

Where exactly was he/she working?

What tools and equipment were being used?

How did the employee become injured? (fell from, tripped, slipped, struck by, etc.):

Type of injury (fracture, sprain, cut, etc.) to part of body:

What was/were the unsafe act(s)?

What was/were the unsafe condition(s)?

What have you done or do you intend to do prevent recurrence?

Name of witness(es):

DISABILITY

Did the employee die? ☐ Yes ☐ No	Did the accident result in lost time? ☐ Yes ☐ No	Did the accident result in restricted activity? ☐ Yes ☐ No	
First day missed (date):	Date returned (date):	First day restricted (date):	Last day restricted (date):
If not returned, estimate length of absence:		If now restricted, estimate length of restriction:	

Was the injured paid in full for the remainder of the day of the accident? ☐ Yes ☐ No

MEDICAL CARE

Doctor: ☐ Yes ☐ No Name:

Hospital: ☐ Yes ☐ No Name: Did the employee spend the night in the hospital? ☐ Yes ☐ No

Emergency Health Center: ☐ Yes ☐ No Name:

Diagnosis:

Date prepared:	Prepared by (Supervisor):

APPENDIX C

PROPOSED LABORATORY TESTING PROGRAM

Proposed Laboratory Testing Program
Big N Plaza
Schenectady, New York

Area	Matrix	EPA Laboratory Method			
		8260	8270 B/N	8080	TAL Metals
1	Soil	(3)	(3)	(3)	(3)
	GW	(2)	(2)	(2)	(2)
2	Soil	(4)	NA	NA	NA
	GW	(2)	(2)	NA	(1)
3	Soil	(4)	(4)	(4)	(4)
	GW	(2)	(2)	(2)	(1)
4	Soil	(4)	(4)	(4)	(4)
	GW	(2)	(2)	(3)	(1)
5	Soil	(2)	(2)	(2)	(2)
	GW	(1)	(1)	(1)	(1)
UST Sampling	Soil	(8)	(8)	NA	NA
	GW	(1)	(1)	NA	NA
Background Sampling	Soil	(3)	(3)	(3)	(3)
	GW	(3)	(3)	(3)	(3)
Historical Fill*	Soil	(1)	(1)	(1)	(1)
	Total	**42**	**38**	**28**	**26**

Notes: A minimum of (1) composite sample will be collected from each work area

'Analytical methods for historical fill included 8260(+10), 8270(+20), 8080. 8082, and TAL metals

4

SITE OWNERSHIP HISTORY AND CONTACT LIST

Site's Environmental History

Listing of Prior Owners

Former Owners	Relationship to Current Owner
American Locomotive Company	None

Contact List Information

1. The Chief Executive Officer is Brian U. Stratton, Mayor of the City of Schenectady. The Planning Board Chair is Sharran Coppolla. City Hall, Schenectady, New York

2. The resident owners and occupants of the site (adjacent owners) are Amarada Hess (a gas station) at 467 Nott Street, Schenectady, New York 12308 and Arnolds Body Shop (Onorio Puzzoili) at 438 Peek Street, Schenectady, New York .

3. The local news media is The Daily Gazette newspaper.
   2345 Maxon Road, Schenectady, New York 12308

4. The City of Schenectady provides the public water to the Project
   City Hall, Schenectady, New York 12305

5. There has been no persons requested to be placed on the site contact list at this time.

6. Roger Hull, of Union College would be the nearest administrator of any school located near the site.
   Union Street, Schenectady, New York 12309

7. The location of a document repository would be the Schenectady Public Library.
   99 Clinton Street, Schenectady, NY 12305-2083

Site's Environmental History

Listing of Prior Owners

Former Owners	Relationship to Current
American Locomotive Company	None

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