

# C&H engineers, p.c.

PROFESSIONAL ENGINEERING SERVICES

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December 15, 1997

Mr. Charles Branagh  
Regional Hazardous Waste Engineer  
Environmental Remediation  
New York State Department of Environmental Conservation  
615 Erie Boulevard  
Syracuse, NY 13204

Re: North Star Cleaners  
File: 62001 #2

Dear Mr. Branagh:

In accordance with our recent telephone conversation, I am transmitting a Work Plan for the North Star Cleaners site at 7984 Brewerton Road in Cicero, New York.

As you may recall from our telephone conversation, dry cleaning constituents were detected in groundwater monitoring wells during the Phase I and Phase II Environmental Site Assessments of the property conducted by Adirondack Environmental Services (AES) in 1997 for a prospective buyer. C & H Engineers, represents the owner of the property on which the North Star Cleaners facility is located. The owners name is Mr. Randolph Katz of Toledo, Ohio. Mr. Katz's address is presented below:

Mr. Randolph S. Katz  
1101 Monroe Street  
Toledo, Ohio 43624

Mr. Katz leases the property to three (3) individuals. The businesses on the property are owned and operated independently. It is anticipated that the operator of the North Star Cleaners caused the release of the constituents which were detected by Adirondack Environmental Services. Mr. Katz is in the process of selling the property, and would like to remediate the identified concern to the buyer's satisfaction, as quickly as possible. The costs for the remediation will be borne by Mr. Katz.

In addition to the Work Plan, we are also submitting a Soil Boring/Monitoring Well Location Map, Boring Logs and Laboratory Analytical Results from one of the AES reports. These documents show the locations and concentrations of detected constituents.

With submittal of this Work Plan, we are requesting that the project be accepted in the New York State Department of Environmental Conservation (DEC) Voluntary Clean-Up Program. As you will note from the Work Plan, we propose to determine the extent of, and excavate, contaminated soil. During the excavation of the soil, groundwater removal and treatment is planned. The Work Plan includes identification of the laboratory analysis which are proposed. At the completion of the remediation, a remediation report will be submitted to the DEC.

Mr. Charles Branagh  
December 15, 1997  
Page 2

As you will note from the timeline schedule attached to the Work Plan, we hope to start and complete the remedial activities in January of 1998. We realize that this is an aggressive schedule, and we make ourselves available for whatever assistance we can be in your review of the Work Plan and the site.

Please contact me at your convenience if you should have questions, comments, or concerns with regard to the site or the Work Plan. We look forward to hearing from you.

Very truly yours,

C & H ENGINEERS, P.C.

A handwritten signature in blue ink, appearing to read 'TWH', is written over a faint, illegible typed name.

Thomas W. Heenan, P.E.  
Principal

TWH:kar

Enclosure

cc: Mr. Randolph Katz - Work Plan only

**WORK PLAN**

**NORTH STAR CLEANERS  
7980-7984 BREWERTON ROAD  
CICERO, NY**

**(C & H Engineers' Project No. 62001)**

**DECEMBER 1997**

**Prepared By:**

**C & H ENGINEERS, P.C.  
431 EAST FAYETTE STREET  
SYRACUSE, NY 13202**

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NORTH STAR CLEANERS SITE  
7980 -7984 BREWERTON ROAD  
CICERO, NEW YORK

**1.0 INTRODUCTION**

**1.1 Background**

The property which is the subject of this Work Plan is located on the east side of New York State Route 11 (Brewerton Road), approximately 1/2 mile north of New York State Route 481 in Cicero, New York (see Figure 1 - Attachment A). The site is approximately 100-feet north of the intersection of Caughdenoy Road and Brewerton Road. The property is in an area of high density commercial development. Area properties are occupied by retail shopping centers, grocery stores, gasoline service stations, automobile dealerships and other commercial operations. The subject site covers approximately two (2) acres and is occupied by three (3) commercial businesses which include the Sports Page Bar and Restaurant (7980 Brewerton Road), Berco Auto Repair (7982 Brewerton Road), and North Star Cleaners (7984 Brewerton Road) (see Figure 2). North Star Cleaners is a dry-cleaning operation which has reportedly been in operation since approximately 1989.

In October of 1996, a Phase I Environmental Site Assessment (ESA) of the subject property was conducted by Adirondack Environmental Services, Inc. (AES) of Syracuse, New York. As a result of observations made during the Phase I ESA, a Phase II ESA which involved soil and groundwater sampling was conducted by AES in December of 1996. In its January 6, 1997 Phase II ESA Report, AES identified the presence of dry-cleaning constituents in soil and groundwater immediately to the north of the North Star Cleaners building.

The property is owned by Mr. Randolph Katz of Toledo, Ohio, and portions of the site are leased to the businesses identified above. At the request of Mr. Katz, C & H Engineers has prepared this Work Plan for remedial activities to address soil and groundwater contamination identified at the site by AES.

## **1.2 Site Description**

The subject site covers approximately two (2) acres and is occupied by three (3) commercial businesses. In general, the commercial businesses are located on the east side of the site. The west side of the site is paved for vehicle parking and access. The property is bordered to the north by a Midas Muffler facility. (The Midas Muffler property is also owned by Mr. Katz.) The property is bordered to the east by a construction site for a new grocery store, and to the south by a Valvoline Instant Oil Change facility. The property is bordered on the west by New York State Route 11. Site soils consist primarily of silts and clays, and groundwater elevation is at two to three (2-3) feet below grade. The site drainage is primarily to the northwest, towards New York State Route 11. Figure 2 presents a Site Plan of the property.

## **1.3 Previous Investigations**

Activities conducted in 1996 during Phase 1 and Phase II ESAs of the property by AES included the installation of five (5) soil borings and nine (9) well points. The approximate locations of the soil borings and monitoring wells (MW) are indicated on Figure 2.

The soil samples collected from the borings were analyzed for volatile organic compounds (VOCs) by Method 8010 and total petroleum hydrocarbons (TPH) by Method 310-13. VOCs and TPH were not detected in any of the soil samples. VOCs which appear to be dry-cleaning constituents were detected in groundwater samples collected from MW-1a, MW-6, and MW-9. These monitoring wells are located immediately to the north of the North Star Cleaners property. The compounds detected included perchloroethylene, vinyl chloride, 1,2-dichloroethene, and trichloroethylene at concentrations ranging from 30 to 2,400 parts per billion (ppb). VOCs and TPH compounds were not detected in any of the other monitoring wells on the site. Based on the locations of monitoring wells where the VOCs were detected and field measurements at the site, C & H Engineers has estimated that the impacted soil occupies an area of between 600 to 900 square feet with an anticipated average depth of six (6) feet.

## **2.0 WORK PLAN**

### **2.1 Work Plan Rationale**

Based on the absence of an obvious surface spill at the site and the apparent limited area over which contaminated groundwater was detected, it is anticipated that removal of impacted soils will provide adequate remediation. Site dewatering and carbon filtration of water removed from the site to remove VOCs which have previously been detected in the groundwater will remediate the groundwater currently in contact with the impacted soils and will limit off-site impacts during excavation. Removal of the soil as the groundwater contamination source will eliminate long term impacts of the spill. The need for long term groundwater removal and treatment is not expected, however, groundwater and soil conditions will be continuously evaluated during dewatering and excavation. Photoionization detector (PID) screening of the excavation limits will be conducted to determine the extent of required excavation. Laboratory analysis of samples collected from the excavation boundaries at the completion of the excavation will be used to confirm the effectiveness of the soil removal.

### **2.2 Location of Contaminants**

The AES Investigations identified VOCs in soil and groundwater immediately north of North Star Cleaners during the Phase I ESA and the follow-up Phase II ESA. The location of this area is indicated on Figure.2.

### **2.3 Work Plan Approach**

North Star Cleaners - Due to the detection of chlorinated organic compounds in monitoring wells to the north of the North Star Cleaners building, soil and groundwater will be removed from the area. Based on the identified location of the area of concern, the following activities are proposed:

1. Approximately six (6) cubic yards of soil will be excavated from the area north of North Star Cleaners at the location of MW-6 installed by AES. The purpose of this excavation will be to install a vertical recovery culvert to a depth of approximately ten (10) feet

below grade. The soils removed from the excavation will be staged on polyethylene plastic at a soil staging area located to the north of North Star Cleaners. Once the recovery culvert excavation is complete, the recovery culvert will be wrapped in Geotextile Filter Fabric and placed in the excavation. The culvert will be backfilled with washed gravel to grade level.

2. Following installation of the vertical recovery culvert, a recovery pump and temporary, portable carbon filtration system will be located on the site in an area which will not be impacted by construction activities, will be approved by the New York State Department of Environmental Conservation (DEC), and will allow free access to the water discharge point for sampling and discharge of treated groundwater. Treated water will be sampled and collected in an on-site portable storage tank pending receipt of laboratory analyses confirming acceptable water treatment.
3. Once treatment effectiveness is verified through laboratory analysis, appropriate forms and applications will be completed for the discharge of treated water from dewatering activities at the site.
4. The dewatering pump will be connected through a ten (10) gallon per minute flow meter to the carbon filtration. The flow meter will record the total gallons of excavation water discharged through the carbon treatment system. Carbon treatment effluent samples will be collected on a daily basis and submitted for laboratory analysis in accordance with EPA Method 8021.
5. Site dewatering will be observed for a period of not less than twenty-four (24) hours to determine the area groundwater elevation and flow rate necessary to maintain the dewatering system. Once verification of adequate dewatering is observed, and adequate water treatment with carbon filtration is verified through laboratory analysis, excavation of the site soils will be scheduled.



6. Excavation of the soils will be conducted using a track mounted excavator. Soils will be excavated and placed in the back of a lined dump truck for transfer to the staging area. As the soils are excavated, the excavation wall will be scanned with the hand held PID to determine the presence of VOCs. Once the PID screening of the excavation limits detects less than 20 ppm VOCs, confirmatory soil samples will be collected. One (1) soil sample will be collected from each wall (north, south, east and west) of the excavation, and one (1) soil sample will be collected from the bottom of the excavation (total of five (5) soil samples). These soil samples will be submitted to an analytical laboratory for analysis by EPA Method 8021.
7. Following completion of the excavation activities, the site will be backfilled and compacted in one (1) foot lifts.
8. Following receipt of laboratory results of excavation wall confirmatory samples, indicating compliance with "Soil Clean-Up Criteria" presented in the DEC Technical Assistance Guidance Memorandum HWR-94-4046, the recovery well will be removed.

#### **2.4 Soil Disposal**

The excavated soil will be placed on six (6) mil polyethylene plastic sheeting in a staging area to the north of North Star Cleaners. At the end of each day, and at the end of the excavation, the soil will be covered with six (6) mil reinforced polyethylene plastic and secured. Following completion of the soil excavation activities, the soil will be sampled and analyzed in accordance with the requirements of the selected disposal facilities and state and federal regulations. The six (6) mil polyethylene cover over the staged soil will be maintained until the soils are loaded for transport. Once the appropriate disposal facility has been contracted, the soils will be loaded for transport and disposal.

#### **2.5 Final Report**

Following completion of all activities, a Site Remediation Report, documenting the activities conducted, laboratory results of sample analyses, and waste disposal records, will be prepared and provided to the

### **3.0 PROJECT ORGANIZATION**

#### **3.1 Project Schedule**

A preliminary project schedule is presented as Figure 3. This anticipated schedule is based on the activities discussed in Section 2.0, and DEC acceptance of the project in the Voluntary Clean-Up Program. Aspects of the preliminary project schedule are likely to be impacted by weather and accessibility conditions. Revisions to the schedule, if necessary, will be coordinated and distributed as necessary.

#### **3.2 Staffing**

The project team will include engineering staff from C & H Engineers, along with subcontracted excavation services from Action Technical Services and laboratory analytical services. The support services will be subcontracted on an as-needed basis for those aspects of the project identified in the Work Plan tasks and in the preliminary project schedule.

C & H Engineers' personnel assigned to the project will include the following:

1. Thomas W. Heenan, P.E. - Project Manager: Mr. Heenan will be responsible for overall project coordination, preparation of interim and final reports, evaluation and development of IRMs, scheduling, and communication.
2. Stephen N. Mahana - Industrial Hygienist: Mr. Mahana will be responsible for risk assessment evaluations and on-site health and safety plans. Mr. Mahana will also be involved in resolving specific project-related health and safety issues which may arise during execution of the Work Plan.
3. Michael C. Matto - Engineering Technician: Mr. Matto will be responsible for on-site coordination, monitoring, and oversight of field activities including sampling activities and adherence to QA/QC protocols. Mr. Matto will also be responsible for contact and coordination between C & H Engineers and the selected analytical laboratory.

### 3.3 Coordination

As indicated in the discussion of staffing above, overall project coordination will be the responsibility of the project manager. The coordination will involve direct handling of correspondence between the property owner, site occupants, neighbors, the DEC, and C & H Engineers. The project manager will also monitor the correspondence and coordination between C & H Engineers and subcontractors. Thomas W. Heenan, P.E. will be C & H Engineer's contact on the project and can be reached at the following address:

Thomas W. Heenan, P.E.  
C & H Engineers, P.C.  
431 East Fayette Street  
Syracuse, NY 13202

### 3.4 References

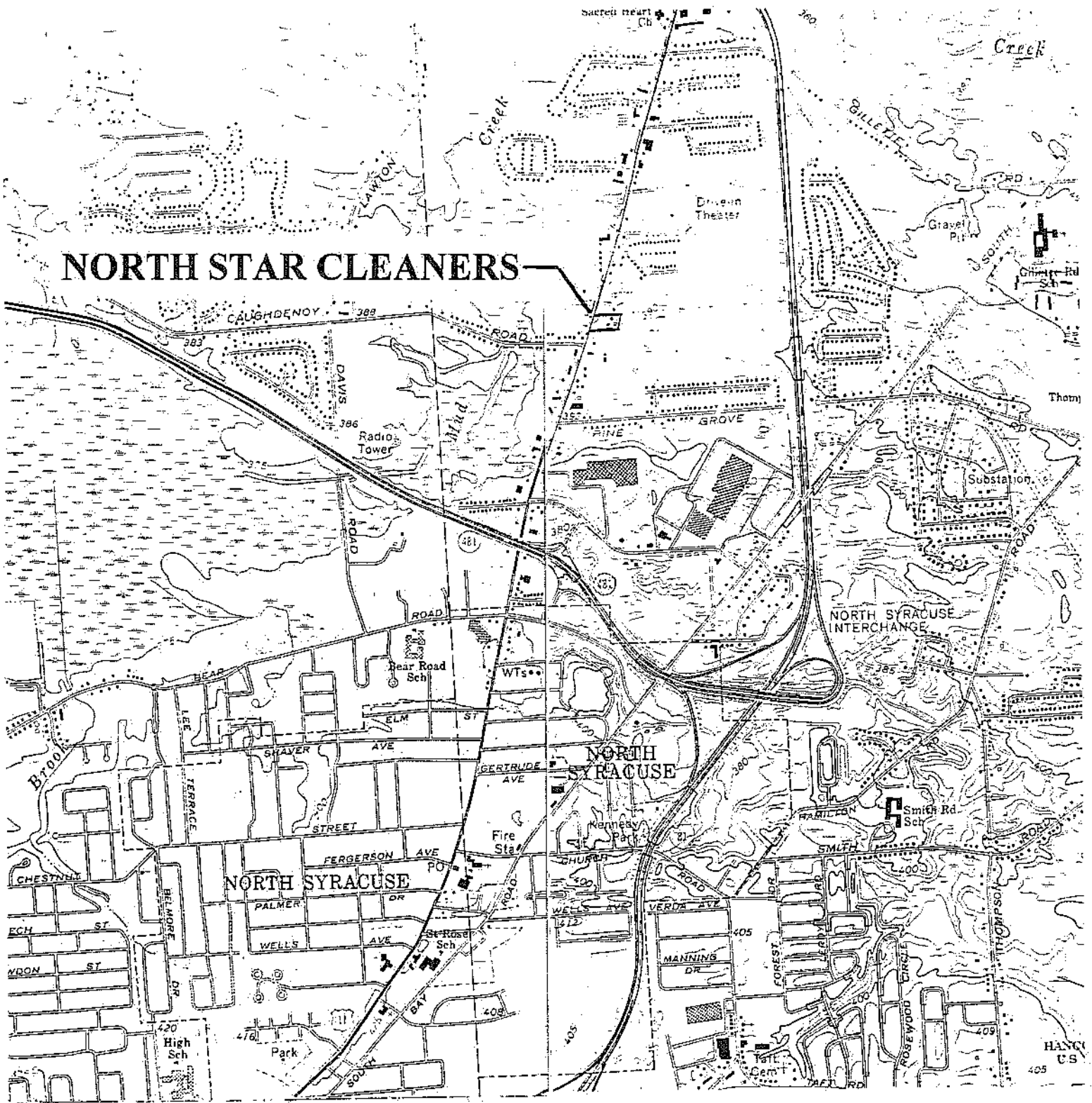
The following documents were used in preparing this Work Plan:

- October 18, 1996 Phase I ESA by AES
- June, 1997 FRI Report by C & H Engineers
- January 6, 1997 Phase 2 Environmental Evaluation by AES
- March 18, 1997 Follow-up Site Evaluation at Katz property by AES
- Quality Assurance/Quality Control Guidance for Removal Activities: Sampling QA/QC Plan and Data Validation Procedures
- Field Standard Operating Procedures for Preparation of a Site Safety Plan

- Standard Operating Safety Guides
- Health and Safety Plan (HASP) User's Guide

Other documents may be used, as-needed, during execution of the Work Plan activities.

**ATTACHMENT A**  
**LOCATION PLAN - FIGURE 1**



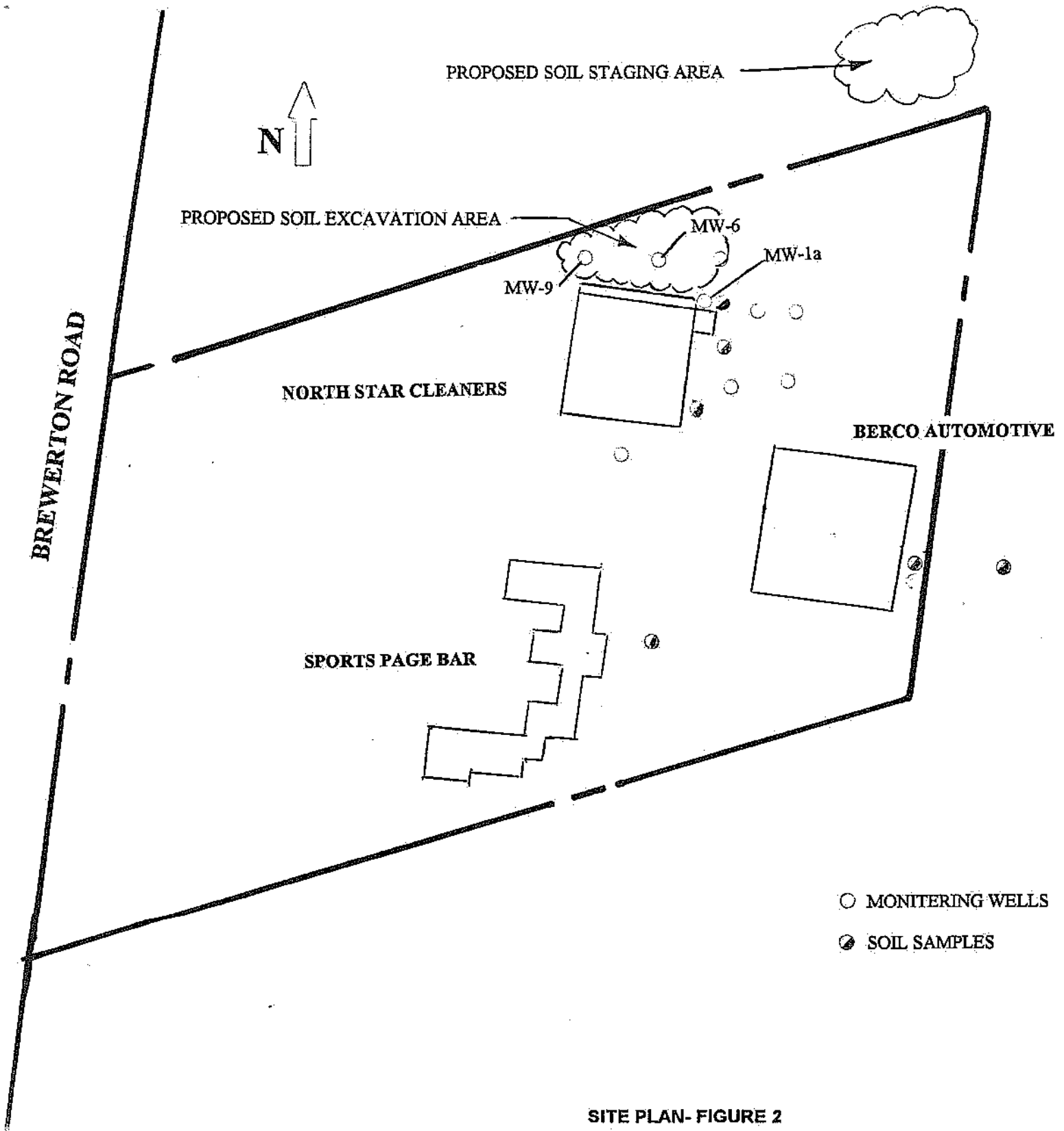
# NORTH STAR CLEANERS

LOCATION PLAN - FIGURE 1

North Star Cleaners Property  
7980-7984 Brewerton Road  
Cicero, New York

Scale: 1" = 2,000'

**ATTACHMENT B**  
**SITE PLAN - FIGURE 2**



**SITE PLAN- FIGURE 2**

North Star Cleaners Property  
 7980-7984 Brewerton Road.  
 Cicero, New York

Scale: 1" = 60' (Approx.)

Notes:

1. Site Plan prepared to show general arrangement of property. Do not use for any other purpose.



**ATTACHMENT C**

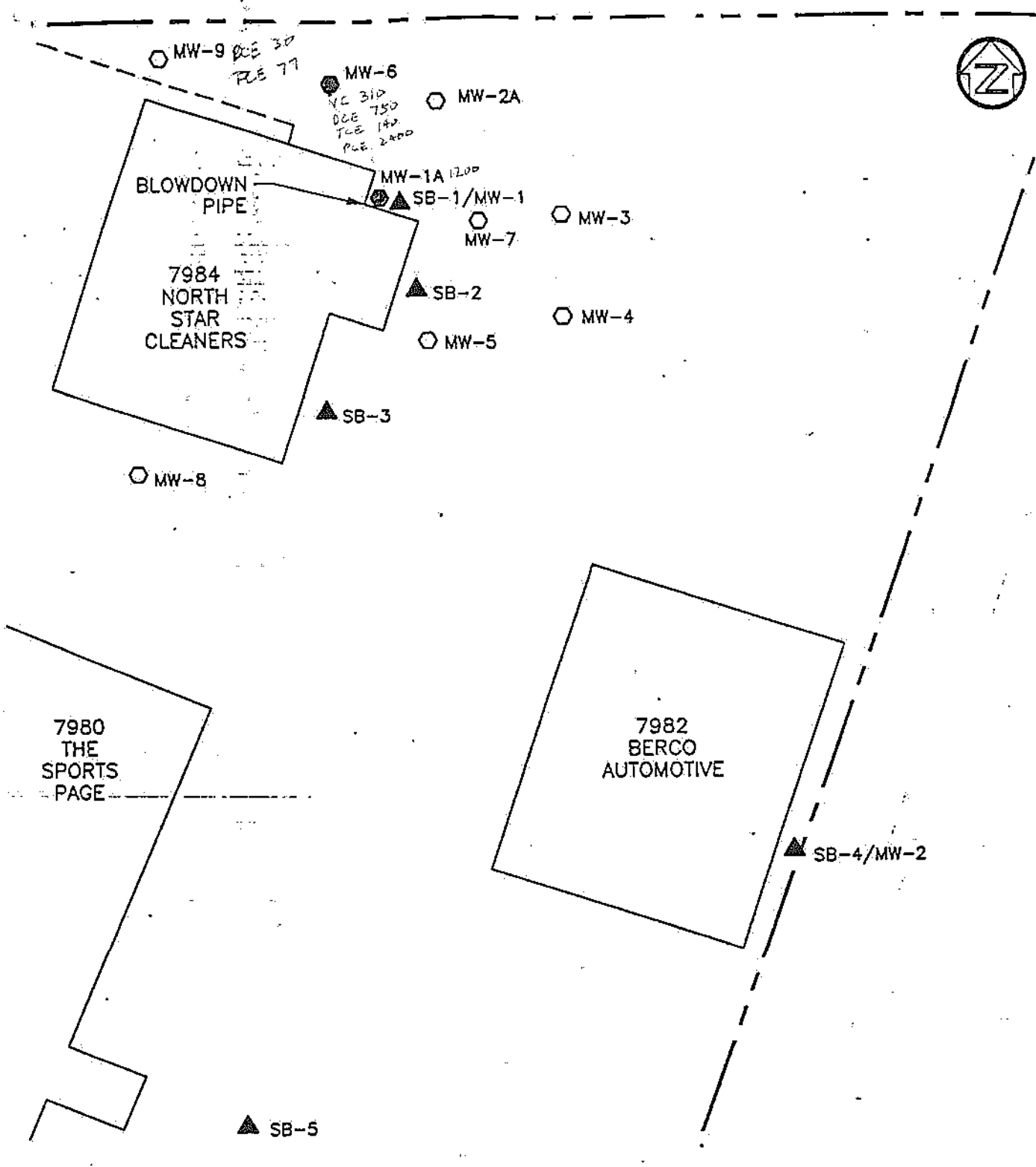
**PRELIMINARY PROJECT SCHEDULE - FIGURE 3**

## PRELIMINARY PROJECT SCHEDULE NORTH STAR CLEANERS

FIGURE 3

ID	Task Name	Start	Finish	November				December				January				
				11/2	11/9	11/16	11/23	11/30	12/7	12/14	12/21	12/28	1/4	1/11	1/18	1/25
1	Work Plan Preparation and Client Review	11/10/97	12/15/97													
2	DEC Review of Work Plan	12/15/97	12/31/97													
3	Mobilization and Dewatering	1/5/98	1/9/98													
4	Soil Excavation and Sampling	1/5/98	1/9/98													
5	Laboratory Analysis of Soil Samples	1/9/98	1/23/98													
6	Final Report	1/23/98	1/30/98													

**SOIL BORING/MONITORING WELL LOCATION MAP,  
BORING LOGS, AND LABORATORY ANALYTICAL RESULTS  
FROM AES JANUARY 6, 1997 PHASE II ENVIRONMENTAL SITE ASSESSMENT**



LEGEND

○ MW-4 FOLLOW-UP INV. WELL POINT

▲ SB-4/MW-1 PHASE 2 BORING/WELL LOCATION

----- GAS LINE

----- APPROXIMATE PROPERTY LINE

SOIL BORING/MONITORING WELL  
LOCATION MAP  
BREWERTON ROAD

PREPARED FOR

ADIRONDACK  
ENVIRONMENTAL  
SERVICES INC.

SCALE  
DATE  
FIGURE

**ATTACHMENT B**

**BORING AND MONITORING WELL LOGS**

ADIRONDACK ENVIRONMENTAL SERVICES, Inc.

LOG OF BORING

DEPTH (ft. below grade)	SAMPLES				SOIL DESCRIPTION	REMARK
	Sample Number	Recovery (Inches)	HNU/ OVA (ppm)	Blow Counts		
0					0'-2' asphalt and Gravel base	background 0.0 PID 0.8 P
1						
2					2'-3' Brown Fine-very Fine SAND, trace Silt	Recovery = 1.5 PID = 0.6 (2'-4')
3					loose, moist	
4					3'-4'; Brown-gray very fine SAND and Silt, cohesive, medium stiff, moist	
5						
6					4'-6'; Olive very fine SAND and Silt, semi-cohesive, medium stiff - wet	Recovery = 1 PID = 1.3
7						
8					6'-8'; 6'-7'; olive very fine SAND and Silt, med. dense / med. stiff - wet to moist	Recovery = 1 PID = 1.5
					7'-8'; Brown very fine SAND and Silt, non-cohesive, medium dense - moist	



Certified Environmental Services, Inc.

MONITORING WELL SAMPLE CHARACTERIZATION & CHAIN-OF-CUSTODY

1401 Erie Boulevard East  
 Syracuse, New York 13210  
 Ph (315) 478-2374 Fax (315) 478-2107

CLIENT: Adirondack Environmental Services, Inc.  
 CONTACT: Jim Blasting  
 LOCATION: \_\_\_\_\_

LOG NO. \_\_\_\_\_  
 WELL NO. SB-1 / MW-1  
 WELL TYPE/SIZE: 2" PVC

WELL PURGING & SAMPLING: Date: 11-26-96 Purge Start Time: 1430 Purge End Time: 1500

Total Well Depth 8.00'      # Well Volumes Purged 22      Color brn / brn / brn  
 Depth to Water 3.80'      Total Volume Purged 15 gal.      Turbidity H / H / H  
 Well Volume 0.67      Final Depth to Water 3.80'      odor None  
 Purge Method Disp. Bailer      SAMPLE COLLECTED: Time 1545      Date 11-26-96

WEATHER CONDITIONS: Snow      Temp. 30'      Wind 10 mph

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading	_____	@ 4.0 Std = <u>4.0</u>	_____	<u>5.0°C</u>
Intermediate Reading	_____	@ 7.0 Std = <u>7.0</u>	_____	Redox
Final Reading	<u>6.8</u>	@ 10.0 Std = <u>10.0</u>	_____	_____

SAMPLE PRESERVATION:

Date 11-26-96      Time 1545      BY K.R. Rowe  
 Preservative:  H<sub>2</sub>SO<sub>4</sub>     HNO<sub>3</sub>     NaOH     HCl     Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>     Cooled to 4° C  
 Other (Identify) \_\_\_\_\_  
 Was Sample Filtered?  No     Yes    Date: \_\_\_\_\_    Time: \_\_\_\_\_

SAMPLE CONTAINERS & QUANTITIES:

Quart Jar (Glass w/Teflon Liner)      \_\_\_\_\_  
 500 ml Plastic Cylinder      \_\_\_\_\_  
 1/2 Gallon (Plastic)      \_\_\_\_\_  
 40 ml Vial with Teflon Liner      2  
 Pint Jar (Glass w/Teflon Liner)      \_\_\_\_\_  
 Other clear 9T      2

PARAMETERS:

See Attached Proposal/List

HYSDEC Part 360 Routine       HYSDEC Part 360 Baseline       EPA 8021       EPA 503.1  
 8270 (Base Neutrals)       HYSDEC 310-13       EPA 624       EPA 601/602

NOTES: Temp. well - removed after sampling

Collected By Kerry R. Rowe      Date 11-26-96  
 Delivered By Kerry R. Rowe      Date 11-27-96      Time 0800  
 Received By \_\_\_\_\_      Date \_\_\_\_\_      Time \_\_\_\_\_

ADIRONDACK ENVIRONMENTAL SERVICES, Inc.

LOG OF BORING

DEPTH (ft below grade)	SAMPLES				SOIL DESCRIPTION	REMARKS
	Sample Number	Recovery (Inches)	HNU/ OVA (ppm)	Blow Counts		
0					0'-1' Asphalt and gravel base	background = 0.0 ppm
1					1'-2' Fill: Brown Fine SAND, Trace Silt + fine gravel, loose	Recovery = 1.6' (80) PID = 0.1 pf
2						
3					2'-4' Olive - gray very fine SAND and Silt, cohesive, medium stiff - moist	Recovery = 1.8' PID = 0.5 pf
4						
5					4'-6' Olive very fine SAND and Silt, cohesive, med. stiff, wet	Recovery = 1.8' PID = 1.2 pf
6						



ADIRONDACK ENVIRONMENTAL SERVICES, Inc.

LOG OF BORING

DEPTH (ft below grade)	SAMPLES				SOIL DESCRIPTION	REMARKS
	Sample Number	Recovery (Inches)	HNU/ OVA (com)	Blow Counts		
0					0'-2'; asphalt and gravel base	background 0.0 f
1						
2					2'-4'; Gray-Brown very fine SAND and Silt	Recovery = 1.0 PID = 0.5 pp.
3					cohesive - medium stiff moist	
4						
5					4'-6'; Brown very fine SAND and Silt, cohesive - medium stiff - wet	Recovery = 1.0 PID = 0.7
6						
7						

ADIRONDACK ENVIRONMENTAL SERVICES, Inc.

LOG OF BORING

DEPTH (ft. below grade)	SAMPLES				SOIL DESCRIPTION	REMARKS background O <sub>2</sub>
	Sample Number	Recovery (inches)	HNU/ OVA (ppm)	Blow Counts		
0					0'-1'; Top Soil, fine SAND, little silt, moist	Recovery = 1.8 PID = 0.6 pp
1						
2					1'-3'; Brown very fine SAND and silt - cohesive, medium stiff - wet	Recovery = 1.8 PID = 0.7 <sub>h</sub>
3						
4					3'-5'; Brown very fine SAND and silt - cohesive - medium stiff - wet	Recovery = 1.8 PID = 0.7 <sub>h</sub>
5						

Signature: Kevin R. Rowe

Date: 11-26-



Certified Environmental Services, Inc.

MONITORING WELL SAMPLE CHARACTERIZATION & CHAIN-OF-CUSTODY

1401 Erie Boulevard East  
Syracuse, New York 13210  
Ph (315) 478-2374 Fax (315) 478-2107

CLIENT: Adirondack Environmental Services, Inc. LOG NO. \_\_\_\_\_  
 CONTACT: Jim Rlastjigs WELL NO. SR-4/ma-2  
 LOCATION: \_\_\_\_\_ WELL TYPE/SIZE: 2" PVC.

WELL PURGING & SAMPLING: Date: 11-26-96 Purge Start time: 12300 Purge End time: 1300  
 Total Well Depth 5.00 # Well Volumes Purged 20 color brq/ brq/ 1 brq  
 Depth to Water 0.60' Total Volume Purged 15 gal. Turbidity 11/11/11  
 Well Volume .70 Final Depth to Water 0.60' odor None  
 Purge Method Disp. Bailor SAMPLE COLLECTED: Time 1400 Date 11-26-96

WEATHER CONDITIONS: Snow Temp. 30' Wind 10 mph

FIELD PARAMETERS:	pH	pH Calibration	Conductivity	Temperature
Initial Reading	_____	@ 4.0 Std = <u>4.0</u>	_____	<u>3.5°C</u>
Intermediate Reading	_____	@ 7.0 Std = <u>7.0</u>	_____	Radon
Final Reading	<u>6.7</u>	@ 10.0 Std = <u>10.0</u>	_____	_____

SAMPLE PRESERVATION:  
 Date 11-26-96 Time 1400 BY K.R. Rowe  
 Preservative:  H<sub>2</sub>SO<sub>4</sub>  HNO<sub>3</sub>  NaOH  HCl  Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>  Cooled to 4° C  
 Other (Identify) \_\_\_\_\_  
 Was Sample Filtered?  No  Yes Date: \_\_\_\_\_ Time: \_\_\_\_\_

SAMPLE CONTAINERS & QUANTITIES:  
 Quart Jar (Glass w/Teflon Liner) \_\_\_\_\_  40 ml Vial with Teflon Liner 2  
 500 ml Plastic Cylinder \_\_\_\_\_  pint Jar (Glass w/Teflon Liner) \_\_\_\_\_  
 1/2 Gallon (Plastic) \_\_\_\_\_  Other clear etc. 2

PARAMETERS:  See Attached Proposal/List  
 NYSDEC Part 360 Routine  NYSDEC Part 360 Baseline  EPA 8021  EPA 503.1  
 B270 (Base Neutrals)  NYSDEC 310-13  EPA 624  EPA 601/602

REMARKS: Temp. well - removed after sampling

Collected By Kerry R. Rowe Date 11-26-96  
 Delivered By Kerry R. Rowe Date 11-27-96 Time 0800

ADIRONDACK ENVIRONMENTAL SERVICES, Inc.

LOG OF BORING

DEPTH (ft below grade)	SAMPLES				SOIL DESCRIPTION	REMARKS <i>background 0</i>
	Sample Number	Recovery (inches)	HNU/ OVA (ppm)	Blow Counts		
0					0'-2'; Predominately fill and gravel base, very fine SAND, some silt wet @ 1.5'	Recovery = 1.0 PID = 0.6 pf
1						
2						
3					2'-4'; Brown very fine SAND and silt - cohesive - medium stiff - moist	Recovery = 1.0 PID = 0.4 pf
4						
5						

Boring Number MW-

ADIRONDACK ENVIRONMENTAL SERVICES, Inc.

LOG OF BORING

Project number <b>961119EA</b>		Date & time started: <b>12/16/98</b>	<b>3:25P</b>
Drilling company <b>EPS</b>		Date & time completed: <b>12/16/98</b>	<b>3:40P</b>
Foreman <b>David Pugh</b>		Sampler(s) <b>4" MacroSampler</b>	Sampler hammer <b>Drop</b>
Drilling equipment <b>CONCORD 9200</b>		Elevation & datum	Completed depth <b>8'</b>
Bt(s) Core barrel(s)		Inspector(s) <b>T. DiCaprio</b>	

DEPTH (ft below grade)	SAMPLES				SOIL DESCRIPTION	REMARKS
	Sample Number	Recovery (inches)	MNU/ OVA (ppm)	Blow Counts		
0	LOCATION:				SURFACE DESCRIPTION:	
0	1	24"	4	NA	Asphalt 0"-2"	install 1" casing well
1					0'-0.5' fill material -	Screen from 8' Bt
2	0-2'	24"	0	NA	Sand gravel rock frags, Silt, dry no odors	to grade, added Silica sand back
3					0.5'-2.0' Brown, fine to medium sand, moist,	to 2' Bt w/ Bentonite Seal
4	2'-4'	24"	0	NA	no odors	
5					2.0'-4.0' Gray-brown silt and silty clay, stiff, some organic matter, wet, no odors	
6	4'-6'	24"	0	NA	4'-6' Brown, silt and silty clay, stiff, wet, some organic matter, no odors	
7					6'-8' Brown silt and silty clay, stiff, wet, no odors	
8	6'-8'	24"	1	NA	Silty clay, stiff, wet, no odors	
9						
10						

Boring Number M

ADIRONDACK ENVIRONMENTAL SERVICES, Inc.

LOG OF BORING

Project number <b>961119EA</b>		Date & time started: <b>12/16/98 10:00A</b>
Drilling company <b>EPS</b>	Foreman	Date & time completed: <b>12/16/98 10:10A</b>
Drilling equipment <b>Concord 9200</b>	Method <b>Direct Push</b>	Sampler(s) <b>4' miniSampler</b>
BH(s)	Core barrel(s)	Sampler number <b>Drop</b>
		Completion depth <b>8'</b>
		Inspector(s) <b>T. DiCorno</b>

DEPTH (ft below grade)	SAMPLES				SOIL DESCRIPTION	REMARKS
	Sample Number	Recovery (Inches)	HMU/OVA (PDM)	Blow Counts		
	LOCATION:				SURFACE DESCRIPTION:	
0					2" asphalt	Set 1" miniwell
1						Screen from 8' BG to 3' BG, Lisa
2	0'-2'	18	0	NA	0'-2' Sand and gravel fill from 0-0.5', 0.5'-2.0' - Brown to gray-brown	from 3' BG to grade - Silica sand
3					Silt, damp, no odors	to 2' BG w/ Bentonite Seal.
4	2'-4'	24	0	NA	2'-4' Brown, silty clay, <sup>stiff</sup> wet, no odors	
5						
6	4'-6'	24	0	NA	4'-6' Brown, stiff silty clay, wet no odors, some rust colored staining (oxidation?)	
7						
8	6'-8'	24	0	NA	6'-8' brown to gray-brown silty clay, wet, stiff, no odors	
9						
10						

Boring Number MU

ADIRONDACK ENVIRONMENTAL SERVICES, Inc.

LOG OF BORING

Project number <b>961119EA</b>		Date & time started: <b>12/16/96 8:15A</b>	
Drilling company <b>EPS</b>		Date & time completed: <b>12/16/96 9:10A</b>	
Foreman		Sampler(s) <b>4' Hoyle Sampler</b>	Sampler hammer
Drilling equipment <b>Concord 9200</b>		Elevation & datum	Completion depth <b>9' Bt</b>
Method <b>Direct Push</b>		Rack d.	
Bits Cora barrel(s)		Inspector(s) <b>T. DiCaprio</b>	

DEPTH (ft below grade)	SAMPLES				SOIL DESCRIPTION	REMARKS
	Sample Number	Recovery (inches)	MNU/ OVA (ppm)	Blow Counts		
0	LOCATION:				SURFACE DESCRIPTION:	
0					2" Asphalt	GW to 1.8' Bt, will set 5' 1" screen from 8'-5 and 1" riser to 5' to grade.
1						
2	0-2'	24	0	NA	0-2' fill from 0-0.5', 0.5'-2.0' brown silt, trace sand, moist, no odors. P	Silica sand bar to 2' Bt w/ Bentonite Seal
3						
4	2-4'	24	0	NA	2-4' Brown, stiff silty clay, moist no odors	
5						
6	4-6'	24	0	NA	4-6' Brown, stiff silty clay, wet (Saturated) no odors	
7						
8	6-8'	24	0	NA	6-8' same as above	
9						
10						

Boring Number M1

ADIRONDACK ENVIRONMENTAL SERVICES, Inc

LOG OF BORING

Project number <b>96119EA</b>		Date & time started: <b>12/16/98 9:15A</b>	
Foreman		Date & time completed: <b>12/16/98 1:20PM</b>	
Drilling company <b>EPS</b>	Sampler(s) <b>4' macroSampler</b>	Sampler hammer	Drop
Drilling equipment <b>Concord 9200</b>	Method <b>Direct - Push</b>	Elevation & datum	Completion depth <b>8'</b>
Core barrel(s)	Inspector(s) <b>T. DiCaprio</b>		

DEPTH (ft below grade)	SAMPLES				SOIL DESCRIPTION	REMARKS
	Sample Number	Recovery (inches)	HNU/ OVA (top)	Blow Counts		
	LOCATION:				SURFACE DESCRIPTION:	
0					2" asphalt	Hole collapsed to about 2' Btc.
1						had to re-bore
2	0'-2'	24"	0	NA	0'-2' fill material from U.S.	Attempted to re-bore hole 5 times,
3					0.5'-2' brown, fine to medium sand Some silt, moist, no odors	hole continuously collapses
4	2'-4'	24"	0	NA	2'-4' fine to very fine sand grading to fine silt, wet, no odors	
5						Set 5' 1" screen from 8' Btc to 3' 1'
6	4'-6'	24"	0	NA	<sup>brown</sup> very fine silt and silty clay, saturated, no odors	3' was from 3' 1' to grade, added silica sand for and bentonite
7						
8	6'-8'	24"	0	NA	Brown, very fine silt and silty clay, saturated, no odors	
9						
10						



ADIRONDACK ENVIRONMENTAL SERVICES, Inc.

LOG OF BORING

Project number <b>96119EA</b>		Date & time started: <b>12/16/98 11:00</b>	
Drilling company <b>EPS</b>		Date & time completed: <b>12/16/98 11:25</b>	
Foreman:		Sampler(s) <b>4" microsample</b>	Sampler number On
Drilling equipment <b>Concord 9200</b>		Method <b>Direct Push</b>	Elevation & datum
Bore(s)		Core barrel(s)	Completion depth <b>8'</b>
		Inspector(s) <b>T. DiCario</b>	Rock

DEPTH (ft below grade)	SAMPLES				SOIL DESCRIPTION	REMARKS
	Sample Number	Recovery (inches)	HNH/ OVA (ppm)	Blow Counts		
	LOCATION:				SURFACE DESCRIPTION:	
0					Asphalt - 2"	Set 5' 1"
1						Screen from 8'
2	0'-2'	24	0	NA	0'-1.5' Brown, fine to medium Sand, moist, slight odors	3' BG, riser from 3' BG to grade, sand pack to 2' F
3					1.5'-4.0' light gray to dark gray	w/ Bentonite S
4	2'-4'	24	0	NA	Silt and silty clay, some organic material, stiff, wet, no odors	
5						
6	4'-6'	24	0	NA	4.0'-6.0' Gray to gray-brown Silt and silty clay, wet, stiff, no odors	
7						
8	6'-8'	24	0	NA	6.0-8.0 Same as above	
9						
10						

Boring Number Mu

ADIRONDACK ENVIRONMENTAL SERVICES, Inc.

LOG OF BORING

Project number <b>96119EA</b>		Date & time started: <b>12/16/96 10:20</b>
Drilling company <b>EPS</b>		Date & time completed: <b>12/16/96 10:47</b>
Foreman		Sampler(s) <b>4" macro sampler</b>
Drilling equipment <b>Concord 9300</b>		Sampler hammer <b>Drop</b>
Method <b>Direct-Push</b>		Blade(s) & datum
Core barrel(s)		Completion depth <b>8</b>
Inspector(s) <b>T. DiCorio</b>		Rock c

DEPTH (ft below grade)	SAMPLES				SOIL DESCRIPTION	REMARKS
	Sample Number	Recovery (inches)	HNU/ OVA (ppm)	Blow Counts		
0	LOCATION:				SURFACE DESCRIPTION:	
					2" Asphalt	
1					Heaving sand up 8' into rods.	
2	0'-2'	24"	0	NA	0'-1.5' Brown, fine to medium sand, moist, appears to be natural material,	Set 1" minisae
3					no odors	5' Screen from 8
4	2'-4'	24"	0.4	NA	1.5'-4.0' Gray to gray-brown, stiff, silty and silty clay, moist,	3' Bt, riser fr
5					no odors	3' Bt to grade w/ sand pack on Rimboite seal
6	4'-6'	24"	0.2	NA	4.0'-5.5' Brown, fine to medium sand, moist, <del>to</del> wet, no odors (raining in from above?)	
7						
8	6'-8'	24"	4.0	NA	5.5'-8.0' Gray brown to brown, stiff silty and silty clay, wet,	
9					no odors	
10						

Boring Number M/

ADIRONDACK ENVIRONMENTAL SERVICES, Inc.

(Between MW-3  
MW-1a

### LOG OF BORING

Project number <b>96119EA</b>		Data & time started: <b>12/16/96 12:10P</b>	
Drilling company <b>EPS</b>		Data & time completed: <b>12/16/96 12:30P</b>	
Foreman		Sampler(s) <b>4" Mesosampler</b>	Sampler hammer <b>Drop</b>
Drilling equipment <b>Conard 9200</b>		Elevation & datum	Completion depth <b>8'</b>
Method <b>Direct-Flush</b>		Rock	
Core barrel(s)		Inspector(s) <b>T. DiCaprio</b>	

DEPTH (ft below grade)	SAMPLES				SOIL DESCRIPTION	REMARKS
	Sample Number	Recovery (inches)	HNU/ GVA (ppm)	Blow Counts		
	LOCATION:				SURFACE DESCRIPTION:	
0					2" asphalt	
1					0'-1' gray to gray brown silt, clay,	Set 1" mini
2	0'-2'	24"	0	NA	no odors	Screen from 8' R
3					1'-1.5' brown, fine to medium	to 3' RG use
4	2'-4'	24"	0	NA	Sand, moist, no odors	from 3' RG +
5					1.5'-4.0' Gray to gray-brown	grade, silica
6	4'-6'	24"	0	NA	Silt and silty clay, stiff, no odors, wet.	sand pack to
7						2' RG w/
8	6'-8'	24"	0	NA	4'-6' Gray to gray-brown silty clay, stiff, wet, no odors	Bentonite seal
9						
10						

12/16/98

18:11

315 457 8852

EPS SYRACUSE

012/01:

Boring Number MU

ADIRONDACK ENVIRONMENTAL SERVICES, Inc.

LOG OF BORING

Project number <b>961119EA</b>		Date & time started: <b>12/16/98</b>	
Drilling company <b>EPS</b>		Foreman	
Drilling equipment <b>Concord 9300</b>		Method <b>Direct Push</b>	
Bore(s)		Core barrel(s)	
Sampler(s) <b>4" main sampler</b>		Sampler number	
Elevation & datum		Completion depth <b>8'</b>	
Inspector(s)		Rock at	

DEPTH (ft below grade)	SAMPLES				SOIL DESCRIPTION	REMARKS
	Sample Number	Recovery (inches)	HNU/ OVA (ppm)	Blow Counts		
	LOCATION:				SURFACE DESCRIPTION:	
0						Set 1" minna
1						5' Screen from 8' Bt to 3'4
2	0-2'	24"	0	NA	0-2' fill- sand, gravel rock fragments, silt, clay, no odors	max from 3B to grade, silica sand pack to
3						2' Bt w/ Rombrite Deck
4	2-4'	24"	0	NA	2-4' Brown, fine sand and silt, some fine gravel, some organic matter, wet, no odors	
5						
6	4-6'	24"	0	NA	4-6' Brown silt and silty clay, stiff, wet, no odors	
7						
8	6-8'	24"	0	NA	6-8' Brown silt and silty clay, stiff, wet, no odors	
9						
10						

Boring Number M1

ADIRONDACK ENVIRONMENTAL SERVICES, Inc.

LOG OF BORING

Project number <b>961119EA</b>		Date & time started: <b>12/16/98 2</b>	
Drilling company <b>EPS</b>		Date & time completed: <b>12/16/98 3</b>	
Drilling equipment <b>Cordco 9200</b>		Sampler(s) <b>4" MacroSampler</b>	Sampler hammer <b>Drop</b>
Method <b>Direct Push</b>		Elevation & datum	Completion depth <b>8'</b>
Bit(s)	Core barrel(s)	Inspector(s)	

DEPTH (ft below grade)	SAMPLES				SOIL DESCRIPTION	REMARKS
	Sample Number	Recovery (inches)	HNU/ OVA (ppm)	Blow Counts		
	LOCATION:				SURFACE DESCRIPTION:	
0					2" asphalt	Installed 1" min. 5' screen from
1					0'-0.5' fill material: Sand,	8' Bk to 3' BG
2	0'-2'	20"	0	NA	gravel, rock frags. dry no odors	riser from 3' BG
3					0.5'-2.0' Brown, fine to medium Sand, trace very fine gravel, moist, no odors	gravel added Silica sand pac to 2' BG w/ bentonite seal
4	2'-4'	24"	0	NA	2.0'-4.0' Brown to gray-brown silt, some organic material, grading to silty clay, stiff, wet, no odors	
6	4'-6'	24"	0	NA	4'-6' Brown, stiff silty clay, wet, no odors	
7					6'-8' Brown, stiff silty clay, wet no odors	
8	6'-8'	24"	0	NA		
9						
10						

**ATTACHMENT C**

**ANALYTICAL REPORTS**



**Certified  
Environmental  
Services, Inc.**

1401 Erie Blvd. Ea  
Syracuse, NY 132  
Phone 315-478-23  
Fax 315-478-21

REPORT OF ANALYSES

Adirondack Environmental Svcs.  
308 Syracuse Building  
224 Harrison St.  
Syracuse, NY 13202-  
Attn: Mr. Jim Blasting

PROJECT NAME:  
DATE: 12/06/96

SAMPLE NUMBER- 122973 SAMPLE ID- SB-1/MW-1  
DATE SAMPLED- 11/26/96  
DATE RECEIVED- 11/27/96 SAMPLER- Kevin R. Rowe  
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- SO  
TIME SAMPLED- 1430  
RECEIVED BY- CAM  
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP ANALYSIS		TIME	BY	RESULT UNITS
		DATE	BY DATE			
EPA 8010 SCAN	EPA 8010	12/03/96	KSA 12/05/96		BLD	
DICHLORODIFLUOROMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.2 mg/Kg
CHLOROMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.2 mg/Kg
VINYL CHLORIDE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.2 mg/Kg
BROMOMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.2 mg/Kg
CHLOROETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.2 mg/Kg
TRICHLOROFLUOROMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,1-DICHLOROETHENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
METHYLENE CHLORIDE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
TRANS-1,2-DICHLOROETHENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,1-DICHLOROETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
CHLOROFORM	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,1,1-TRICHLOROETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
CARBON TETRACHLORIDE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,2-DICHLOROETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
TRICHLOROETHENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,2-DICHLOROPROPANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
BROMODICHLOROMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
CIS-1,3-DICHLOROPROPENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
TRANS-1,3-DICHLOROPROPENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
2-CHLOROETHYL VINYL ETHER	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 1.5 mg/Kg



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CONTINUATION OF DATA FOR SAMPLE NUMBER 122973

ANALYSIS	METHOD	SAMPLE PREP		ANALYSIS		TIME	BY	RESULT	UNITS
		DATE	BY	DATE					
1,1,2-TRICHLOROETHANE	EPA 8010	12/03/96	KSA	12/05/96			BLD	< 0.15	mg/Kg
TETRACHLOROETHENE	EPA 8010	12/03/96	KSA	12/05/96			BLD	< 0.15	mg/Kg
DIBROMOCHLOROMETHANE	EPA 8010	12/03/96	KSA	12/05/96			BLD	< 0.15	mg/Kg
CHLOROENZENE	EPA 8010	12/03/96	KSA	12/05/96			BLD	< 0.15	mg/Kg
BROMOFORM	EPA 8010	12/03/96	KSA	12/05/96			BLD	< 0.15	mg/Kg
1,1,2,2-TRICHLOROETHANE	EPA 8010	12/03/96	KSA	12/05/96			BLD	< 0.15	mg/Kg
1,3-DICHLOROENZENE	EPA 8010	12/03/96	KSA	12/05/96			BLD	< 0.15	mg/Kg
1,4-DICHLOROENZENE	EPA 8010	12/03/96	KSA	12/05/96			BLD	< 0.15	mg/Kg
1,2-DICHLOROENZENE	EPA 8010	12/03/96	KSA	12/05/96			BLD	< 0.15	mg/Kg
EPA 8020 SCAN	EPA 8020	12/03/96	KSA	12/05/96			BLD		
BENZENE	EPA 8020	12/03/96	KSA	12/05/96			BLD	< 0.05	mg/Kg
TOLUENE	EPA 8020	12/03/96	KSA	12/05/96			BLD	< 0.05	mg/Kg
ETHYLBENZENE	EPA 8020	12/03/96	KSA	12/05/96			BLD	< 0.05	mg/Kg
TOTAL XYLENES	EPA 8020	12/03/96	KSA	12/05/96			BLD	< 0.15	mg/Kg
TOTAL PETROLEUM HYDROCARBONS	DOH 310-13	12/02/96	KSA	12/05/96			BLD		
GASOLINE	DOH 310-13	12/02/96	KSA	12/05/96			BLD	< 20	mg/Kg
KEROSENE	DOH 310-13	12/02/96	KSA	12/05/96			BLD	< 20	mg/Kg
FUEL OIL	DOH 310-13	12/02/96	KSA	12/05/96			BLD	< 20	mg/Kg
DIESEL	DOH 310-13	12/02/96	KSA	12/05/96			BLD	< 20	mg/Kg
MOTOR OIL	DOH 310-13	12/02/96	KSA	12/05/96			BLD	< 50	mg/Kg

Note: Analysis performed and reported on a mg/Kg wet weight basis.





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REPORT OF ANALYSES

Adirondack Environmental Svcs.  
308 Syracuse Building  
224 Harrison St.  
Syracuse, NY 13202-  
Attn: Mr. Jim Blasting

PROJECT NAME:  
DATE: 12/06/96

SAMPLE NUMBER- 122976 SAMPLE ID- SB-2  
DATE SAMPLED- 11/26/96  
DATE RECEIVED- 11/27/96 SAMPLER- Kevin R. Rowe  
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- SO  
TIME SAMPLED- 1515  
RECEIVED BY- CAM  
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP ANALYSIS		TIME	BY	RESULT UNITS
		DATE	BY DATE			
EPA 8010 SCAN	EPA 8010	12/03/96	KSA 12/05/96		BLD	
DICHLORODIFLUOROMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.2 mg/Kg
CHLOROMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.2 mg/Kg
VINYL CHLORIDE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.2 mg/Kg
BROMOMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.2 mg/Kg
CHLOROETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.2 mg/Kg
TRICHLOROFLUOROMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,1-DICHLOROETHENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
METHYLENE CHLORIDE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
TRANS-1,2-DICHLOROETHENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,1-DICHLOROETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
CHLOROFORM	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,1,1-TRICHLOROETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
CARBON TETRACHLORIDE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,2-DICHLOROETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
TRICHLOROETHENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,2-DICHLOROPROPANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
BROMODICHLOROMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
CIS-1,3-DICHLOROPROPENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
TRANS-1,3-DICHLOROPROPENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
2-CHLOROETHYL VINYL ETHER	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 1.5 mg/Kg



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CONTINUATION OF DATA FOR SAMPLE NUMBER 122976

ANALYSIS	METHOD	SAMPLE PREP		ANALYSIS	TIME	BY	RESULT	UNITS
		DATE	BY DATE					
1,1,2-TRICHLOROETHANE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15	mg/Kg
TETRACHLOROETHENE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15	mg/Kg
DIBROMOCHLOROMETHANE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15	mg/Kg
CHLOROBENZENE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15	mg/Kg
BROMOFORM	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15	mg/Kg
1,1,2,2-TRICHLOROETHANE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15	mg/Kg
1,3-DICHLOROBENZENE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15	mg/Kg
1,4-DICHLOROBENZENE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15	mg/Kg
1,2-DICHLOROBENZENE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15	mg/Kg
EPA 8020 SCAN	EPA 8020	12/03/96	KSA	12/05/96		BLD		
BENZENE	EPA 8020	12/03/96	KSA	12/05/96		BLD	< 0.05	mg/Kg
TOLUENE	EPA 8020	12/03/96	KSA	12/05/96		BLD	< 0.05	mg/Kg
ETHYLBENZENE	EPA 8020	12/03/96	KSA	12/05/96		BLD	< 0.05	mg/Kg
TOTAL XYLENES	EPA 8020	12/03/96	KSA	12/05/96		BLD	< 0.15	mg/Kg
TOTAL PETROLEUM HYDROCARBONS	DOH 310-13	12/02/96	KSA	12/05/96		BLD		
GASOLINE	DOH 310-13	12/02/96	KSA	12/05/96		BLD	< 20	mg/Kg
KEROSENE	DOH 310-13	12/02/96	KSA	12/05/96		BLD	< 20	mg/Kg
FUEL OIL	DOH 310-13	12/02/96	KSA	12/05/96		BLD	< 20	mg/Kg
DIESEL	DOH 310-13	12/02/96	KSA	12/05/96		BLD	< 20	mg/Kg
MOTOR OIL	DOH 310-13	12/02/96	KSA	12/05/96		BLD	< 70	mg/Kg

Note: Analysis performed and reported on a mg/Kg wet weight basis.

NYSDOH LAB ID NO. 11246

APPROVED BY: 



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REPORT OF ANALYSES

Adirondack Environmental Svcs.  
308 Syracuse Building  
224 Harrison St.  
Syracuse, NY 13202-  
Attn: Mr. Jim Blasting

PROJECT NAME:  
DATE: 12/06/96

SAMPLE NUMBER- 122977 SAMPLE ID- SB-3  
DATE SAMPLED- 11/26/96  
DATE RECEIVED- 11/27/96 SAMPLER- Kevin R. Rowe  
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- SO  
TIME SAMPLED- 1330  
RECEIVED BY- CAM  
TYPE SAMPLE- Grab

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ANALYSIS	METHOD	SAMPLE PREP ANALYSIS			TIME	BY	RESULT UNITS
		DATE	BY	DATE			
EPA 8010 SCAN	EPA 8010	12/03/96	KSA	12/05/96		BLD	
DICHLORODIFLUOROMETHANE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.2 mg/Kg
CHLOROMETHANE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.2 mg/Kg
VINYL CHLORIDE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.2 mg/Kg
BROMOMETHANE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.2 mg/Kg
CHLOROETHANE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.2 mg/Kg
TRICHLOROFLUOROMETHANE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15 mg/Kg
1,1-DICHLOROETHENE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15 mg/Kg
METHYLENE CHLORIDE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15 mg/Kg
TRANS-1,2-DICHLOROETHENE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15 mg/Kg
1,1-DICHLOROETHANE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15 mg/Kg
CHLOROFORM	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15 mg/Kg
1,1,1-TRICHLOROETHANE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15 mg/Kg
CARBON TETRACHLORIDE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15 mg/K
1,2-DICHLOROETHANE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15 mg/K
TRICHLOROETHENE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15 mg/K
1,2-DICHLOROPROPANE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15 mg/K
BROMODICHLOROMETHANE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15 mg/K
CIS-1,3-DICHLOROPROPENE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15 mg/K
TRANS-1,3-DICHLOROPROPENE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15 mg/K
2-CHLOROETHYL VINYL ETHER	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 1.5 mg/K



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CONTINUATION OF DATA FOR SAMPLE NUMBER 122977

ANALYSIS	METHOD	SAMPLE PREP		ANALYSIS	TIME	BY	RESULT	UNITS
		DATE	BY DATE					
1,1,2-TRICHLOROETHANE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15	mg/Kg
TETRACHLOROETHENE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15	mg/Kg
DIBROMOCHLOROMETHANE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15	mg/Kg
CHLOROBENZENE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15	mg/Kg
BROMOFORM	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15	mg/Kg
1,1,2,2-TRICHLOROETHANE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15	mg/Kg
1,3-DICHLOROBENZENE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15	mg/Kg
1,4-DICHLOROBENZENE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15	mg/Kg
1,2-DICHLOROBENZENE	EPA 8010	12/03/96	KSA	12/05/96		BLD	< 0.15	mg/Kg
EPA 8020 SCAN	EPA 8020	12/03/96	KSA	12/05/96		BLD		
BENZENE	EPA 8020	12/03/96	KSA	12/05/96		BLD	< 0.05	mg/Kg
TOLUENE	EPA 8020	12/03/96	KSA	12/05/96		BLD	< 0.05	mg/Kg
ETHYLBENZENE	EPA 8020	12/03/96	KSA	12/05/96		BLD	< 0.05	mg/Kg
TOTAL XYLENES	EPA 8020	12/03/96	KSA	12/05/96		BLD	< 0.15	mg/Kg
TOTAL PETROLEUM HYDROCARBONS	DOH 310-13	12/02/96	KSA	12/05/96		BLD		
GASOLINE	DOH 310-13	12/02/96	KSA	12/05/96		BLD	< 20	mg/Kg
KEROSENE	DOH 310-13	12/02/96	KSA	12/05/96		BLD	< 20	mg/Kg
FUEL OIL	DOH 310-13	12/02/96	KSA	12/05/96		BLD	< 20	mg/Kg
DIESEL	DOH 310-13	12/02/96	KSA	12/05/96		BLD	< 20	mg/Kg
MOTOR OIL	DOH 310-13	12/02/96	KSA	12/05/96		BLD	< 70	mg/Kg

Note: Analysis performed and reported on a mg/Kg wet weight basis.



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REPORT OF ANALYSES

Adirondack Environmental Svcs.  
308 Syracuse Building  
224 Harrison St.  
Syracuse, NY 13202-  
Attn: Mr. Jim Blasting

PROJECT NAME:  
DATE: 12/06/96

SAMPLE NUMBER- 122974 SAMPLE ID- SB-4/MW-2  
DATE SAMPLED- 11/26/96  
DATE RECEIVED- 11/27/96 SAMPLER- Kevin R. Rowe  
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- SO  
TIME SAMPLED- 1200  
RECEIVED BY- CAM  
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
EPA 8010 SCAN	EPA 8010	12/03/96	KSA 12/05/96		BLD	
DICHLORODIFLUOROMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.2 mg/Kg
CHLOROMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.2 mg/Kg
VINYL CHLORIDE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.2 mg/Kg
BROMOMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.2 mg/Kg
CHLOROETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.2 mg/Kg
TRICHLOROFLUOROMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,1-DICHLOROETHENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
METHYLENE CHLORIDE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
TRANS-1,2-DICHLOROETHENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,1-DICHLOROETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
CHLOROFORM	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,1,1-TRICHLOROETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
CARBON TETRACHLORIDE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,2-DICHLOROETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
TRICHLOROETHENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,2-DICHLOROPROPANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
BROMODICHLOROMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
CIS-1,3-DICHLOROPROPENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
TRANS-1,3-DICHLOROPROPENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
2-CHLOROETHYL VINYL ETHER	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 1.5 mg/Kg



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CONTINUATION OF DATA FOR SAMPLE NUMBER 122974

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
1,1,2-TRICHLOROETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
TETRACHLOROETHENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
DIBROMOCHLOROMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
CHLOROENZENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
BROMOFORM	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,1,2,2-TRICHLOROETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,3-DICHLOROENZENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,4-DICHLOROENZENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,2-DICHLOROENZENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
EPA 8020 SCAN	EPA 8020	12/03/96	KSA 12/05/96		BLD	
BENZENE	EPA 8020	12/03/96	KSA 12/05/96		BLD	< 0.05 mg/Kg
TOLUENE	EPA 8020	12/03/96	KSA 12/05/96		BLD	< 0.05 mg/Kg
ETHYLBENZENE	EPA 8020	12/03/96	KSA 12/05/96		BLD	< 0.05 mg/Kg
TOTAL XYLENES	EPA 8020	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
TOTAL PETROLEUM HYDROCARBONS	DOH 310-13	12/02/96	KSA 12/05/96		BLD	
GASOLINE	DOH 310-13	12/02/96	KSA 12/05/96		BLD	< 20 mg/Kg
KEROSENE	DOH 310-13	12/02/96	KSA 12/05/96		BLD	< 20 mg/Kg
FUEL OIL	DOH 310-13	12/02/96	KSA 12/05/96		BLD	< 20 mg/Kg
DIESEL	DOH 310-13	12/02/96	KSA 12/05/96		BLD	< 20 mg/Kg
MOTOR OIL	DOH 310-13	12/02/96	KSA 12/05/96		BLD	< 50 mg/Kg

Note: Analysis performed and reported on a mg/Kg wet weight basis.

NYSDOH LAB ID NO. 11246

APPROVED BY: 



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REPORT OF ANALYSES

Adirondack Environmental Svcs.  
308 Syracuse Building  
224 Harrison St.  
Syracuse, NY 13202-  
Attn: Mr. Jim Blasting

PROJECT NAME:  
DATE: 12/06/96

SAMPLE NUMBER- 122978 SAMPLE ID- SB-5  
DATE SAMPLED- 11/26/96  
DATE RECEIVED- 11/27/96 SAMPLER- Kevin R. Rowe  
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- SO  
TIME SAMPLED- 1100  
RECEIVED BY- CAM  
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP ANALYSIS		TIME	BY	RESULT UNITS
		DATE	BY DATE			
EPA 8010 SCAN	EPA 8010	12/03/96	KSA 12/05/96		BLD	
DICHLORODIFLUOROMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.2 mg/Kg
CHLOROMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.2 mg/Kg
VINYL CHLORIDE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.2 mg/Kg
BROMOMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.2 mg/Kg
CHLOROETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.2 mg/Kg
TRICHLOROFLUOROMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,1-DICHLOROETHENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
METHYLENE CHLORIDE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
TRANS-1,2-DICHLOROETHENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,1-DICHLOROETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
CHLOROFORM	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,1,1-TRICHLOROETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
CARBON TETRACHLORIDE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,2-DICHLOROETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
TRICHLOROETHENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,2-DICHLOROPROPANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
BROMODICHLOROMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
CIS-1,3-DICHLOROPROPENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
TRANS-1,3-DICHLOROPROPENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
2-CHLOROETHYL VINYL ETHER	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 1.5 mg/Kg



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CONTINUATION OF DATA FOR SAMPLE NUMBER 122978

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
1,1,2-TRICHLOROETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
TETRACHLOROETHENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
DIBROMOCHLOROMETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
CHLOROBENZENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
BROMOFORM	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,1,2,2-TRICHLOROETHANE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,3-DICHLOROBENZENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,4-DICHLOROBENZENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
1,2-DICHLOROBENZENE	EPA 8010	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
EPA 8020 SCAN	EPA 8020	12/03/96	KSA 12/05/96		BLD	
BENZENE	EPA 8020	12/03/96	KSA 12/05/96		BLD	< 0.05 mg/Kg
TOLUENE	EPA 8020	12/03/96	KSA 12/05/96		BLD	< 0.05 mg/Kg
ETHYLBENZENE	EPA 8020	12/03/96	KSA 12/05/96		BLD	< 0.05 mg/Kg
TOTAL XYLENES	EPA 8020	12/03/96	KSA 12/05/96		BLD	< 0.15 mg/Kg
TOTAL PETROLEUM HYDROCARBONS	DOH 310-13	12/02/96	KSA 12/05/96		BLD	
GASOLINE	DOH 310-13	12/02/96	KSA 12/05/96		BLD	< 20 mg/Kg
KEROSENE	DOH 310-13	12/02/96	KSA 12/05/96		BLD	< 20 mg/Kg
FUEL OIL	DOH 310-13	12/02/96	KSA 12/05/96		BLD	< 20 mg/Kg
DIESEL	DOH 310-13	12/02/96	KSA 12/05/96		BLD	< 20 mg/Kg
MOTOR OIL	DOH 310-13	12/02/96	KSA 12/05/96		BLD	< 70 mg/Kg

Note: Analysis performed and reported on a mg/Kg wet weight basis.





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REPORT OF ANALYSES

Adirondack Environmental Svcs.  
308 Syracuse Building  
224 Harrison St.  
Syracuse, NY 13202-  
Attn: Mr. Jim Blasting

PROJECT NAME:  
DATE: 12/06/96

SAMPLE NUMBER- 122969 SAMPLE ID- SB-1/MW-1  
DATE SAMPLED- 11/26/96  
DATE RECEIVED- 11/27/96 SAMPLER- Kevin R. Rowe  
TIME RECEIVED- 0800 DELIVERED BY- Kevin R. Rowe

SAMPLE MATRIX- WA  
TIME SAMPLED- 1545  
RECEIVED BY- CAM  
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
EPA 503.1 SCAN	EPA 503.1		12/03/96		BLD	
BENZENE	EPA 503.1		12/03/96		BLD	< 20 ug/L
TRICHLOROETHENE	EPA 503.1		12/03/96		BLD	< 20 ug/L
TOLUENE	EPA 503.1		12/03/96		BLD	< 20 ug/L
TETRACHLOROETHENE	EPA 503.1		12/03/96		BLD	2000 ug/L
CHLOROBENZENE	EPA 503.1		12/03/96		BLD	< 20 ug/L
ETHYLBENZENE	EPA 503.1		12/03/96		BLD	< 20 ug/L
M-XYLENE	EPA 503.1		12/03/96		BLD	< 20 ug/L
P-XYLENE	EPA 503.1		12/03/96		BLD	< 20 ug/L
O-XYLENE	EPA 503.1		12/03/96		BLD	< 20 ug/L
STYRENE	EPA 503.1		12/03/96		BLD	< 20 ug/L
ISOPROPYLBENZENE	EPA 503.1		12/03/96		BLD	< 20 ug/L
N-PROPYLBENZENE	EPA 503.1		12/03/96		BLD	< 20 ug/L
BROMOBENZENE	EPA 503.1		12/03/96		BLD	< 20 ug/L
2-CHLOROTOLUENE	EPA 503.1		12/03/96		BLD	< 20 ug/L
1,3,5-TRIMETHYLBENZENE	EPA 503.1		12/03/96		BLD	< 20 ug/L
4-CHLOROTOLUENE	EPA 503.1		12/03/96		BLD	< 20 ug/L
TERT-BUTYLBENZENE	EPA 503.1		12/03/96		BLD	< 20 ug/L
1,2,4-TRIMETHYLBENZENE	EPA 503.1		12/03/96		BLD	< 20 ug/L
SEC-BUTYLBENZENE	EPA 503.1		12/03/96		BLD	< 20 ug/L
P-ISOPROPYLTOLUENE	EPA 503.1		12/03/96		BLD	< 20 ug/L


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CONTINUATION OF DATA FOR SAMPLE NUMBER 122969

ANALYSIS	METHOD	SAMPLE PREP		ANALYSIS	TIME	BY	RESULT	UNITS
		DATE	BY					
1,3-DICHLOROBENZENE	EPA 503.1			12/03/96		BLD	< 20	ug/L
1,4-DICHLOROBENZENE	EPA 503.1			12/03/96		BLD	< 20	ug/L
N-BUTYLBENZENE	EPA 503.1			12/03/96		BLD	< 20	ug/L
1,2-DICHLOROBENZENE	EPA 503.1			12/03/96		BLD	< 20	ug/L
1,2,4-TRICHLOROBENZENE	EPA 503.1			12/03/96		BLD	< 20	ug/L
HEXACHLOROBENZENE	EPA 503.1			12/03/96		BLD	< 20	ug/L
NAPHTHALENE	EPA 503.1			12/03/96		BLD	< 20	ug/L
1,2,3-TRICHLOROBENZENE	EPA 503.1			12/03/96		BLD	< 20	ug/L
TOTAL PETROLEUM HYDROCARBONS	DOH 310-13	12/04/96	KSA	12/05/96		BLD		
GASOLINE	DOH 310-13	12/04/96	KSA	12/05/96		BLD	< 0.1	mg/L
KEROSENE	DOH 310-13	12/04/96	KSA	12/05/96		BLD	< 0.1	mg/L
FUEL OIL	DOH 310-13	12/04/96	KSA	12/05/96		BLD	< 0.1	mg/L
DIESEL	DOH 310-13	12/04/96	KSA	12/05/96		BLD	< 0.1	mg/L
MOTOR OIL	DOH 310-13	12/04/96	KSA	12/05/96		BLD	< 0.5	mg/L

NYSDOH LAB ID NO. 11246

APPROVED BY:





**Certified  
Environmental  
Services, Inc.**

1401 Erie Blvd. E.  
Syracuse, NY 132  
Phone 315-478-23  
Fax 315-478-21

REPORT OF ANALYSES

Adirondack Environmental Svcs.  
308 Syracuse Building  
224 Harrison St.  
Syracuse, NY 13202-  
Attn: Mr. Jim Blasting

PROJECT NAME:  
DATE: 12/06/96

SAMPLE NUMBER- 122970    SAMPLE ID- SB-4/MW-2    SAMPLE MATRIX- WA  
DATE SAMPLED- 11/26/96    TIME SAMPLED- 1400  
DATE RECEIVED- 11/27/96    SAMPLER- Kevin R. Rowe    RECEIVED BY- CAM  
TIME RECEIVED- 0800    DELIVERED BY- Kevin R. Rowe    TYPE SAMPLE- Grab

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ANALYSIS	METHOD	SAMPLE PREP ANALYSIS		TIME	BY	RESULT UNITS
		DATE	BY DATE			
EPA 503.1 SCAN	EPA 503.1		12/03/96		BLD	
BENZENE	EPA 503.1		12/03/96		BLD	< 0.7 ug/L
TRICHLOROETHENE	EPA 503.1		12/03/96		BLD	< 1.0 ug/L
TOLUENE	EPA 503.1		12/03/96		BLD	< 1.0 ug/L
TETRACHLOROETHENE	EPA 503.1		12/03/96		BLD	< 1.0 ug/L
CHLOROBENZENE	EPA 503.1		12/03/96		BLD	< 1.0 ug/L
ETHYLBENZENE	EPA 503.1		12/03/96		BLD	< 1.0 ug/L
M-XYLENE	EPA 503.1		12/03/96		BLD	< 1.0 ug/L
P-XYLENE	EPA 503.1		12/03/96		BLD	< 1.0 ug/L
O-XYLENE	EPA 503.1		12/03/96		BLD	< 1.0 ug/L
STYRENE	EPA 503.1		12/03/96		BLD	< 1.0 ug/L
ISOPROPYLBENZENE	EPA 503.1		12/03/96		BLD	< 1.0 ug/L
N-PROPYLBENZENE	EPA 503.1		12/03/96		BLD	< 1.0 ug/L
BROMOBENZENE	EPA 503.1		12/03/96		BLD	< 1.0 ug/L
2-CHLOROTOLUENE	EPA 503.1		12/03/96		BLD	< 1.0 ug/L
1,3,5-TRIMETHYLBENZENE	EPA 503.1		12/03/96		BLD	< 1.0 ug/L
4-CHLOROTOLUENE	EPA 503.1		12/03/96		BLD	< 1.0 ug/L
TERT-BUTYLBENZENE	EPA 503.1		12/03/96		BLD	< 1.0 ug/L
1,2,4-TRIMETHYLBENZENE	EPA 503.1		12/03/96		BLD	< 1.0 ug/L
SEC-BUTYLBENZENE	EPA 503.1		12/03/96		BLD	< 1.0 ug/L
P-ISOPROPYLTOLUENE	EPA 503.1		12/03/96		BLD	< 1.0 ug/L



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Syracuse, NY 13210  
Phone 315-478-2200  
Fax 315-478-2201

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CONTINUATION OF DATA FOR SAMPLE NUMBER 122970

ANALYSIS	METHOD	SAMPLE PREP		ANALYSIS		BY	RESULT	UNITS
		DATE	BY	DATE	TIME			
1,3-DICHLOROBENZENE	EPA 503.1			12/03/96		BLD	< 1.0	ug/L
1,4-DICHLOROBENZENE	EPA 503.1			12/03/96		BLD	< 1.0	ug/L
N-BUTYLBENZENE	EPA 503.1			12/03/96		BLD	< 1.0	ug/L
1,2-DICHLOROBENZENE	EPA 503.1			12/03/96		BLD	< 1.0	ug/L
1,2,4-TRICHLOROBENZENE	EPA 503.1			12/03/96		BLD	< 1.0	ug/L
HEXACHLOROBENZENE	EPA 503.1			12/03/96		BLD	< 1.0	ug/L
NAPHTHALENE	EPA 503.1			12/03/96		BLD	< 1.0	ug/L
1,2,3-TRICHLOROBENZENE	EPA 503.1			12/03/96		BLD	< 1.0	ug/L
TOTAL PETROLEUM HYDROCARBONS	DOH 310-13	12/04/96	KSA	12/05/96		BLD		
GASOLINE	DOH 310-13	12/04/96	KSA	12/05/96		BLD	< 0.1	mg/L
KEROSENE	DOH 310-13	12/04/96	KSA	12/05/96		BLD	< 0.1	mg/L
FUEL OIL	DOH 310-13	12/04/96	KSA	12/05/96		BLD	< 0.1	mg/L
DIESEL	DOH 310-13	12/04/96	KSA	12/05/96		BLD	< 0.1	mg/L
MOTOR OIL	DOH 310-13	12/04/96	KSA	12/05/96		BLD	< 0.5	mg/L

NYSDOH LAB ID NO. 11246

APPROVED BY:



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LABORATORY REPORT

for

\*\*\*Engineering Department\*\*\*

Purchase Order #: 961119EA

Report date: 12/23/96

Number of samples analyzed: 9

AES Project ID: 961217EA

Invoice #: 170836

ELAP ID#: 10709

AIHA ID#: 12144-00  
Page



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CLIENT:

CLIENT'S SAMPLE ID: NSC-MW-1a

AES sample #: 961217EAO1

Samples taken by: Jim Blasting

MATRIX: Water

Date Sampled: 12/16/96

Date sample received: 12/17/96

Location: CICERO

grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK</u>	<u>REF</u>	<u>TEST DA</u>
Chloromethane	EPA-601	<50	ug/l	BW-B		12/18/
Bromomethane	EPA-601	<50	ug/l	BW-B		12/18/
Dichlorodifluoromethane	EPA-601	<50	ug/l	BW-B		12/18/
Vinyl Chloride	EPA-601	<50	ug/l	BW-B		12/18/
Chloroethane	EPA-601	<50	ug/l	BW-B		12/18/
Methylene Chloride	EPA-601	<50	ug/l	BW-B		12/18/
Trichlorofluoromethane	EPA-601	<50	ug/l	BW-B		12/18/
1,1-Dichloroethene	EPA-601	<50	ug/l	BW-B		12/18/
1,1-Dichloroethane	EPA-601	<50	ug/l	BW-B		12/18/
Total 1,2 Dichloroethene	EPA-601	<50	ug/l	BW-B		12/18/
Chloroform	EPA-601	<50	ug/l	BW-B		12/18/
1,2 Dichloroethane	EPA-601	<50	ug/l	BW-B		12/18/
1,1,1-Trichloroethane	EPA-601	<50	ug/l	BW-B		12/18/
Carbon Tetrachloride	EPA-601	<50	ug/l	BW-B		12/18/
Bromodichloromethane	EPA-601	<50	ug/l	BW-B		12/18/
1,2-Dichloropropane	EPA-601	<50	ug/l	BW-B		12/18/
t-1,3-Dichloropropene	EPA-601	<50	ug/l	BW-B		12/18/
Trichloroethylene	EPA-601	<50	ug/l	BW-B		12/18/
Dibromochloromethane	EPA-601	<50	ug/l	BW-B		12/18/
1,1,2-Trichloroethane	EPA-601	<50	ug/l	BW-B		12/18/



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CLIENT:

CLIENT'S SAMPLE ID: NSC-MW-1a

AES sample #: 961217EAO1

Samples taken by: Jim Blasting

MATRIX: Water

Date Sampled: 12/16/96

Date sample received: 12/17/96

Location: CICERO

grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST D.</u>
cis-1,3-Dichloropropene	EPA-601	<50	ug/l	BW-B	12/18
2-Chloroethylvinylether	EPA-601	<50	ug/l	BW-B	12/18
Bromoform	EPA-601	<50	ug/l	BW-B	12/18
1,1,2,2-Tetrachloroethane	EPA-601	<50	ug/l	BW-B	12/18
Tetrachloroethylene	EPA-601	1200	ug/l	BW-B	12/18



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CLIENT:

CLIENT'S SAMPLE ID: NSC-MW-24

AES sample #: 961217EAO2

Date Sampled: 12/16/96

Date sample received: 12/17/96

Samples taken by: Jim Blasting Location: CICERO  
MATRIX: Water grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DA</u>
Chloromethane	EPA-601	<1	ug/l	BW-B	12/19,
Bromomethane	EPA-601	<1	ug/l	BW-B	12/19,
Dichlorodifluoromethane	EPA-601	<1	ug/l	BW-B	12/19,
Vinyl Chloride	EPA-601	<1	ug/l	BW-B	12/19,
Chloroethane	EPA-601	<1	ug/l	BW-B	12/19,
Methylene Chloride	EPA-601	<1	ug/l	BW-B	12/19,
Trichlorofluoromethane	EPA-601	<1	ug/l	BW-B	12/19,
1,1-Dichloroethene	EPA-601	<1	ug/l	BW-B	12/19,
1,1-Dichloroethane	EPA-601	<1	ug/l	BW-B	12/19,
Total 1,2 Dichloroethene	EPA-601	<1	ug/l	BW-B	12/19,
Chloroform	EPA-601	<1	ug/l	BW-B	12/19,
1,2 Dichloroethane	EPA-601	<1	ug/l	BW-B	12/19/
1,1,1-Trichloroethane	EPA-601	<1	ug/l	BW-B	12/19/
Carbon Tetrachloride	EPA-601	<1	ug/l	BW-B	12/19/
Bromodichloromethane	EPA-601	<1	ug/l	BW-B	12/19,
1,2-Dichloropropane	EPA-601	<1	ug/l	BW-B	12/19,
t-1,3-Dichloropropene	EPA-601	<1	ug/l	BW-B	12/19,
Trichloroethylene	EPA-601	<1	ug/l	BW-B	12/19,
Dibromochloromethane	EPA-601	<1	ug/l	BW-B	12/19,
1,1,2-Trichloroethane	EPA-601	<1	ug/l	BW-B	12/19,





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CLIENT: \_\_\_\_\_ Date Sampled: 12/16/96  
CLIENT'S SAMPLE ID: NSC-MW-2a Date sample received: 12/17/96  
AES sample #: 961217EAO2 Samples taken by: Jim Blasting Location: CICERO  
MATRIX: Water grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DI</u>
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	BW-B	12/19,
2-Chloroethylvinylether	EPA-601	<1	ug/l	BW-B	12/19,
Bromoform	EPA-601	<1	ug/l	BW-B	12/19,
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	BW-B	12/19,
Tetrachloroethylene	EPA-601	<1	ug/l	BW-B	12/19,



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CLIENT: Date Sampled: 12/16/96  
CLIENT'S SAMPLE ID: MSC-MW-3 Date sample received: 12/17/96  
AES sample #: 961217EAO3 Samples taken by: Jim Blasting Location: CICERO  
MATRIX: Water grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DI</u>
Chloromethane	EPA-601	<1	ug/l	BW-B	12/19/
Bromomethane	EPA-601	<1	ug/l	BW-B	12/19/
Dichlorodifluoromethane	EPA-601	<1	ug/l	BW-B	12/19/
Vinyl Chloride	EPA-601	<1	ug/l	BW-B	12/19/
Chloroethane	EPA-601	<1	ug/l	BW-B	12/19/
Methylene Chloride	EPA-601	<1	ug/l	BW-B	12/19/
Trichlorofluoromethane	EPA-601	<1	ug/l	BW-B	12/19/
1,1-Dichloroethene	EPA-601	<1	ug/l	BW-B	12/19/
1,1-Dichloroethane	EPA-601	<1	ug/l	BW-B	12/19/
Total 1,2 Dichloroethene	EPA-601	<1	ug/l	BW-B	12/19/
Chloroform	EPA-601	<1	ug/l	BW-B	12/19/
1,2 Dichloroethane	EPA-601	<1	ug/l	BW-B	12/19/
1,1,1-Trichloroethane	EPA-601	<1	ug/l	BW-B	12/19/
Carbon Tetrachloride	EPA-601	<1	ug/l	BW-B	12/19/
Bromodichloromethane	EPA-601	<1	ug/l	BW-B	12/19/
1,2-Dichloropropane	EPA-601	<1	ug/l	BW-B	12/19/
t-1,3-Dichloropropene	EPA-601	<1	ug/l	BW-B	12/19/
Trichloroethylene	EPA-601	<1	ug/l	BW-B	12/19/
Dibromochloromethane	EPA-601	<1	ug/l	BW-B	12/19/
1,1,2-Trichloroethane	EPA-601	<1	ug/l	BW-B	12/19/



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CLIENT: \_\_\_\_\_ Date Sampled: 12/16/96  
CLIENT'S SAMPLE ID: NSC-MW-3 Date sample received: 12/17/96  
AES sample #: 961217EAO3 Samples taken by: Jim Blasting Location: CICERO  
MATRIX: Water grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DA</u>
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	BW-B	12/19/
2-Chloroethylvinylether	EPA-601	<1	ug/l	BW-B	12/19/
Bromoform	EPA-601	<1	ug/l	BW-B	12/19/
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	BW-B	12/19/
Tetrachloroethylene	EPA-601	<1	ug/l	BW-B	12/19/



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CLIENT: Date Sampled: 12/16/96  
CLIENT'S SAMPLE ID: NSC-MW-4 Date sample received: 12/17/96  
AES sample #: 961217EAO4 Samples taken by: Jim Blasting Location: CIGERO  
MATRIX: Water grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK REF</u>	<u>TEST DATE</u>
Chloromethane	EPA-601	<1	ug/l	BW-B	12/19/
Bromomethane	EPA-601	<1	ug/l	BW-B	12/19/
Dichlorodifluoromethane	EPA-601	<1	ug/l	BW-B	12/19/
Vinyl Chloride	EPA-601	<1	ug/l	BW-B	12/19/
Chloroethane	EPA-601	<1	ug/l	BW-B	12/19/
Methylene Chloride	EPA-601	<1	ug/l	BW-B	12/19/
Trichlorofluoromethane	EPA-601	<1	ug/l	BW-B	12/19/
1,1-Dichloroethene	EPA-601	<1	ug/l	BW-B	12/19/
1,1-Dichloroethane	EPA-601	<1	ug/l	BW-B	12/19/
Total 1,2 Dichloroethene	EPA-601	<1	ug/l	BW-B	12/19/
Chloroform	EPA-601	<1	ug/l	BW-B	12/19/
1,2 Dichloroethane	EPA-601	<1	ug/l	BW-B	12/19/
1,1,1-Trichloroethane	EPA-601	<1	ug/l	BW-B	12/19/
Carbon Tetrachloride	EPA-601	<1	ug/l	BW-B	12/19/
Bromodichloromethane	EPA-601	<1	ug/l	BW-B	12/19/
1,2-Dichloropropane	EPA-601	<1	ug/l	BW-B	12/19/
t-1,3-Dichloropropene	EPA-601	<1	ug/l	BW-B	12/19/
Trichloroethylene	EPA-601	<1	ug/l	BW-B	12/19/
Dibromochloromethane	EPA-601	<1	ug/l	BW-B	12/19/
1,1,2-Trichloroethane	EPA-601	<1	ug/l	BW-B	12/19/



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CLIENT: Date Sampled: 12/16/96  
CLIENT'S SAMPLE ID: NSC-MW-4 Date sample received: 12/17/96  
AES sample #: 961217EAO4 Samples taken by: Jim Blasting Location: CICERO  
MATRIX: Water grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST D</u>
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	BW-B	12/19
2-Chloroethylvinylether	EPA-601	<1	ug/l	BW-B	12/19
Bromoform	EPA-601	<1	ug/l	BW-B	12/19
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	BW-B	12/19
Tetrachloroethylene	EPA-601	<1	ug/l	BW-B	12/19



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CLIENT: \_\_\_\_\_ Date Sampled: 12/16/96  
CLIENT'S SAMPLE ID: NSC-MW-5 Date sample received: 12/17/96  
AES sample #: 961217EAO5 Samples taken by: Jim Blasting Location: CICERO  
MATRIX: Water grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DA</u>
Chloromethane	EPA-601	<1	ug/l	BW-B	12/19/96
Bromomethane	EPA-601	<1	ug/l	BW-B	12/19/96
Dichlorodifluoromethane	EPA-601	<1	ug/l	BW-B	12/19/96
Vinyl Chloride	EPA-601	<1	ug/l	BW-B	12/19/96
Chloroethane	EPA-601	<1	ug/l	BW-B	12/19/96
Methylene Chloride	EPA-601	<1	ug/l	BW-B	12/19/96
Trichlorofluoromethane	EPA-601	<1	ug/l	BW-B	12/19/96
1,1-Dichloroethene	EPA-601	<1	ug/l	BW-B	12/19/96
1,1-Dichloroethane	EPA-601	<1	ug/l	BW-B	12/19/96
Total 1,2 Dichloroethene	EPA-601	<1	ug/l	BW-B	12/19/96
Chloroform	EPA-601	<1	ug/l	BW-B	12/19/96
1,2 Dichloroethane	EPA-601	<1	ug/l	BW-B	12/19/96
1,1,1-Trichloroethane	EPA-601	<1	ug/l	BW-B	12/19/96
Carbon Tetrachloride	EPA-601	<1	ug/l	BW-B	12/19/96
Bromodichloromethane*	EPA-601	<1	ug/l	BW-B	12/19/96
1,2-Dichloropropane	EPA-601	<1	ug/l	BW-B	12/19/96
t-1,3-Dichloropropene	EPA-601	<1	ug/l	BW-B	12/19/96
Trichloroethylene	EPA-601	<1	ug/l	BW-B	12/19/96
Dibromochloromethane	EPA-601	<1	ug/l	BW-B	12/19/96
1,1,2-Trichloroethane	EPA-601	<1	ug/l	BW-B	12/19/96



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CLIENT: Date Sampled: 12/16/96  
CLIENT'S SAMPLE ID: NSC-MW-5 Date sample received: 12/17/96  
AES sample #: 961217EA05 Samples taken by: Jim Blasting Location: CICERO  
MATRIX: Water grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DA</u>
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	BW-B	12/19/
2-Chloroethylvinylether	EPA-601	<1	ug/l	BW-B	12/19/
Bromoform	EPA-601	<1	ug/l	BW-B	12/19/
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	BW-B	12/19/
Tetrachloroethylene	EPA-601	<1	ug/l	BW-B	12/19/



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CLIENT:

CLIENT'S SAMPLE ID: NSC-MW-6

AES sample #: 961217EAO6

Samples taken by: Jim Blasting

MATRIX: Water

Date Sampled: 12/16/96

Date sample received: 12/17/96

Location: CICERO

grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DA</u>
Chloromethane	EPA-601	<50	ug/l	BW-B	12/18/
Bromomethane	EPA-601	<50	ug/l	BW-B	12/18/
Dichlorodifluoromethane	EPA-601	<50	ug/l	BW-B	12/18/
Vinyl Chloride	EPA-601	310	ug/l	BW-B	12/18/
Chloroethane	EPA-601	<50	ug/l	BW-B	12/18/
Methylene Chloride	EPA-601	<50	ug/l	BW-B	12/18/
Trichlorofluoromethane	EPA-601	<50	ug/l	BW-B	12/18/
1,1-Dichloroethene	EPA-601	<50	ug/l	BW-B	12/18/
1,1-Dichloroethane	EPA-601	<50	ug/l	BW-B	12/18/
Total 1,2 Dichloroethene	EPA-601	750	ug/l	BW-B	12/18/
Chloroform	EPA-601	<50	ug/l	BW-B	12/18/
1,2 Dichloroethane	EPA-601	<50	ug/l	BW-B	12/18/9
1,1,1-Trichloroethane	EPA-601	<50	ug/l	BW-B	12/18/9
Carbon Tetrachloride	EPA-601	<50	ug/l	BW-B	12/18/9
Bromodichloromethane	EPA-601	<50	ug/l	BW-B	12/18/
1,2-Dichloropropane	EPA-601	<50	ug/l	BW-B	12/18/
t-1,3-Dichloropropene	EPA-601	<50	ug/l	BW-B	12/18/
Trichloroethylene	EPA-601	140	ug/l	BW-B	12/18/
Dibromochloromethane	EPA-601	<50	ug/l	BW-B	12/18/
1,1,2-Trichloroethane	EPA-601	<50	ug/l	BW-B	12/18/





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CLIENT:

CLIENT'S SAMPLE ID: NSC-MW-6

AES sample #: 961217EAO6

Date Sampled: 12/16/96

Date sample received: 12/17/96

Samples taken by: Jim Blasting Location: CICERO

MATRIX: Water

grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DA</u>
cis-1,3-Dichloropropene	EPA-601	<50	ug/l	BW-B	12/18/
2-Chloroethylvinylether	EPA-601	<50	ug/l	BW-B	12/18/
Bromoform	EPA-601	<50	ug/l	BW-B	12/18/
1,1,2,2-Tetrachloroethane	EPA-601	<50	ug/l	BW-B	12/18/
Tetrachloroethylene	EPA-601	2400	ug/l	BW-B	12/18/



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CLIENT:

CLIENT'S SAMPLE ID: NSC-MW-7

AES sample #: 961217EAO7

Date Sampled: 12/16/96

Date sample received: 12/17/96

Samples taken by: Jim Blasting Location: CICERO

MATRIX: Water grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DA</u>
Chloromethane	EPA-601	<1	ug/l	BW-B	12/19/
Bromomethane	EPA-601	<1	ug/l	BW-B	12/19/
Dichlorodifluoromethane	EPA-601	<1	ug/l	BW-B	12/19/
Vinyl Chloride	EPA-601	<1	ug/l	BW-B	12/19/
Chloroethane	EPA-601	<1	ug/l	BW-B	12/19/
Methylene Chloride	EPA-601	<1	ug/l	BW-B	12/19/
Trichlorofluoromethane	EPA-601	<1	ug/l	BW-B	12/19/
1,1-Dichloroethene	EPA-601	<1	ug/l	BW-B	12/19/
1,1-Dichloroethane	EPA-601	<1	ug/l	BW-B	12/19/
Total 1,2 Dichloroethene	EPA-601	<1	ug/l	BW-B	12/19/
Chloroform	EPA-601	<1	ug/l	BW-B	12/19/
1,2 Dichloroethane	EPA-601	<1	ug/l	BW-B	12/19/
1,1,1-Trichloroethane	EPA-601	<1	ug/l	BW-B	12/19/
Carbon Tetrachloride	EPA-601	<1	ug/l	BW-B	12/19/
Bromodichloromethane	EPA-601	<1	ug/l	BW-B	12/19/
1,2-Dichloropropane	EPA-601	<1	ug/l	BW-B	12/19/
t-1,3-Dichloropropene	EPA-601	<1	ug/l	BW-B	12/19/
Trichloroethylene	EPA-601	<1	ug/l	BW-B	12/19/
Dibromochloromethane	EPA-601	<1	ug/l	BW-B	12/19/
1,1,2-Trichloroethane	EPA-601	<1	ug/l	BW-B	12/19/



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CLIENT:

CLIENT'S SAMPLE ID: NSC-MW-7

AES sample #: 961217EAO7

Date Sampled: 12/16/96

Date sample received: 12/17/96

Samples taken by: Jim Blasting Location: CICERO

MATRIX: Water grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DAY</u>
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	BW-B	12/19/96
2-Chloroethylvinylether	EPA-601	<1	ug/l	BW-B	12/19/96
Bromoform	EPA-601	<1	ug/l	BW-B	12/19/96
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	BW-B	12/19/96
Tetrachloroethylene	EPA-601	<1	ug/l	BW-B	12/19/96



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CLIENT:

CLIENT'S SAMPLE ID: NSC-MW-8

AES sample #: 961217EAO8

Date Sampled: 12/16/96

Date sample received: 12/17/96

Samples taken by: Jim Blasting Location: CICERO  
MATRIX: Water grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTE/REF</u>	<u>TEST DP</u>
Chloromethane	EPA-601	<1	ug/l	BW-B	12/19/
Bromomethane	EPA-601	<1	ug/l	BW-B	12/19/
Dichlorodifluoromethane	EPA-601	<1	ug/l	BW-B	12/19/
Vinyl Chloride	EPA-601	<1	ug/l	BW-B	12/19/
Chloroethane	EPA-601	<1	ug/l	BW-B	12/19/
Methylene Chloride	EPA-601	<1	ug/l	BW-B	12/19/
Trichlorofluoromethane	EPA-601	<1	ug/l	BW-B	12/19/
1,1-Dichloroethene	EPA-601	<1	ug/l	BW-B	12/19/
1,1-Dichloroethane	EPA-601	<1	ug/l	BW-B	12/19/
Total 1,2 Dichloroethene	EPA-601	<1	ug/l	BW-B	12/19/
Chloroform	EPA-601	<1	ug/l	BW-B	12/19/
1,2 Dichloroethane	EPA-601	<1	ug/l	BW-B	12/19/
1,1,1-Trichloroethane	EPA-601	<1	ug/l	BW-B	12/19/
Carbon Tetrachloride	EPA-601	<1	ug/l	BW-B	12/19/
Bromodichloromethane	EPA-601	<1	ug/l	BW-B	12/19/
1,2-Dichloropropane	EPA-601	<1	ug/l	BW-B	12/19/
t-1,3-Dichloropropene	EPA-601	<1	ug/l	BW-B	12/19/
Trichloroethylene	EPA-601	<1	ug/l	BW-B	12/19/
Dibromochloromethane	EPA-601	<1	ug/l	BW-B	12/19/
1,1,2-Trichloroethane	EPA-601	<1	ug/l	BW-B	12/19/



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CLIENT:

CLIENT'S SAMPLE ID: MSC-MW-8

AES sample #: 961217EA08

Date Sampled: 12/16/96

Date sample received: 12/17/96

Samples taken by: Jim Blasting Location: CICERO

MATRIX: Water grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DA</u>
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	BW-B	12/19/
2-Chloroethylvinylether	EPA-601	<1	ug/l	BW-B	12/19/
Bromoform	EPA-601	<1	ug/l	BW-B	12/19/
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	BW-B	12/19/
Tetrachloroethylene	EPA-601	<1	ug/l	BW-B	12/19/



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CLIENT:

CLIENT'S SAMPLE ID: NSC-MW-9

AES sample #: 961217EA09

Date Sampled: 12/16/96

Date sample received: 12/17/96

Samples taken by: Jim Blasting Location: CICERO  
MATRIX: Water grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DATE</u>
Chloromethane	EPA-601	<5	ug/l	BW-B	12/18/96
Bromomethane	EPA-601	<5	ug/l	BW-B	12/18/96
Dichlorodifluoromethane	EPA-601	<5	ug/l	BW-B	12/18/96
Vinyl Chloride	EPA-601	<5	ug/l	BW-B	12/18/96
Chloroethane	EPA-601	<5	ug/l	BW-B	12/18/96
Methylene Chloride	EPA-601	<5	ug/l	BW-B	12/18/96
Trichlorofluoromethane	EPA-601	<5	ug/l	BW-B	12/18/96
1,1-Dichloroethene	EPA-601	<5	ug/l	BW-B	12/18/96
1,1-Dichloroethane	EPA-601	<5	ug/l	BW-B	12/18/96
Total 1,2 Dichloroethene	EPA-601	30	ug/l	BW-B	12/18/96
Chloroform	EPA-601	<5	ug/l	BW-B	12/18/96
1,2 Dichloroethane	EPA-601	<5	ug/l	BW-B	12/18/96
1,1,1-Trichloroethane	EPA-601	<5	ug/l	BW-B	12/18/96
Carbon Tetrachloride	EPA-601	<5	ug/l	BW-B	12/18/96
Bromodichloromethane	EPA-601	<5	ug/l	BW-B	12/18/96
1,2-Dichloropropane	EPA-601	<5	ug/l	BW-B	12/18/96
t-1,3-Dichloropropene	EPA-601	<5	ug/l	BW-B	12/18/96
Trichloroethylene	EPA-601	<5	ug/l	BW-B	12/18/96
Dibromochloromethane	EPA-601	<5	ug/l	BW-B	12/18/96
1,1,2-Trichloroethane	EPA-601	<5	ug/l	BW-B	12/18/96



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CLIENT:

CLIENT'S SAMPLE ID: NSC-MW-9

AES sample #: 961217EAO9

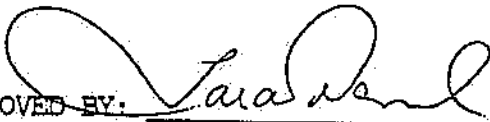
Date Sampled: 12/16/96

Date sample received: 12/17/96

Samples taken by: Jim Blasting Location: CICERO  
MATRIX: Water grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTE/REF</u>	<u>TEST DATE</u>
cis-1,3-Dichloropropene	EPA-601	<5	ug/l	BW-B	12/18/96
2-Chloroethylvinylether	EPA-601	<5	ug/l	BW-B	12/18/96
Bromoform	EPA-601	<5	ug/l	BW-B	12/18/96
1,1,2,2-Tetrachloroethane	EPA-601	<5	ug/l	BW-B	12/18/96
Tetrachloroethylene	EPA-601	77	ug/l	BW-B	12/18/96

APPROVED BY:   
Report date: 12/23/96



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ENG

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### CHAIN OF CUSTODY RECORD

CLIENT NAME <b>Adirondack Env. Svc.</b>	PROJECT NAME (Location)	SAMPLERS: (Names) <b>Jim Blasting</b>
ADDRESS <b>Syracuse</b>	PO NUMBER <b>96119FA</b>	SAMPLERS: (Signature) <b>James F. Blasting</b>

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A A.m. P P.m.	SAMPLE TYPE			NUMBER OF CONT'S	ANALYSIS REQUIRED
				MATRIX	COMP	GRAB		
961217 EA01	NSC - MW - 1a	12/16/96	6:40 A P	W		X	1	6001 / VOC
EA02	NSC - MW - 2a		6:30 A P			X	1	6001
EA03	NSC - MW - 3		6:45 A P			X	1	6001
EA04	NSC - MW - 4		6:45 A P			X	1	6001
EA05	NSC - MW - 5		6:50 A P			X	1	6001
EA06	NSC - MW - 6		6:25 A P			X	1	6001
EA07	NSC - MW - 7		6:30 A P			X	1	6001
EA08	NSC - MW - 8		6:30 A P			X	1	6001
EA09	NSC - MW - 9		6:30 A P			X	1	6001
			A P					
			A P					
			A P					
			A P					

(note: potential for tetrachloroethene)

Turnaround Time: <b>one week</b>	Laboratory Approval:
----------------------------------	----------------------

Relinquished by: (Signature) <b>James F. Blasting</b>	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Dispatched by: (Signature)	Date/Time	Received for Laboratory by: <b>Mr. [Signature]</b>	Date/Time <b>12/17/96 9:45</b>
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Method of Shipment: <b>Fedex</b>	Send Report To: <b>Syracuse</b>	Client Phone N
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The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.