

SOURCE AREA INVESTIGATION
SEA CLIFF INDUSTRIAL AREA
GLEN COVE, NEW YORK

SEPTEMBER 1992

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Source Area Investigation
Sea Cliff Industrial Area
Glen Cove, New York

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TABLE OF CONTENTS

	<u>Page</u>
Executive Summary	E-1
1.0 Introduction	1-1
1.1 Background	1-2
2.0 Hydrogeology	2-1
2.1 Regional Hydrogeology	2-1
2.2 Local Hydrogeology	2-3
3.0 Nassau County Department of Health Source Area Investigations	3-1
3.1 Supply Wells	3-1
3.2 NCDH Source Area Investigations	3-1
3.3 Industrial Profile	3-2
3.4 Potential Sources of Contamination	3-5
4.0 Field Investigation	4-1
4.1 Soil Gas Survey	4-1
4.2 Surface Soil Sampling	4-2
4.3 Soil Borings and Monitoring Well Installation	4-2
4.4 Pall Corporation	4-5
4.4.1 Soil Gas Survey	4-5
4.4.2 Surface Soil Sampling	4-7
4.4.3 Soil Borings and Monitoring Well Installation	4-8
4.5 Enal/Pass & Seymour (Slater Electric)	4-9
4.5.1 Soil Gas Survey	4-9
4.5.2 Surface Soil Sampling	4-10
4.5.3 Soil Borings and Monitoring Well Installation	4-13
4.6 August Thomsen	4-14
4.6.1 Soil Gas Survey	4-14
4.6.2 Surface Soil Sampling	4-16
4.6.3 Soil Borings and Monitoring Well Installation	4-16
4.7 Man Products	4-17
4.7.1 Soil Gas Survey	4-17
4.7.2 Surface Soil Sampling	4-19
4.7.3 Soil Borings and Monitoring Well Installation	4-20
4.8 Carney Street Well Field	4-20
4.8.1 Soil Gas Survey	4-20
4.8.2 Surface Soil Sampling	4-24
5.0 Soil And Groundwater Analytical Data	5-1
5.1 Soil Analytical Data	5-1

TABLE OF CONTENTS (Continued)

	<u>Page</u>
5.2 Soil Sample Analytical Data	5-2
5.2.1 Pall Corporation	5-2
5.2.2 Slater Electric	5-4
5.2.3 August Thomsen	5-7
5.2.4 Man Products	5-11
5.2.5 Carney Street Well Field	5-13
5.3 Groundwater Analytical Data	5-15
5.3.1 Upgradient Groundwater Quality	5-17
5.3.2 Downgradient Groundwater Quality	5-17
5.5 Groundwater Sampling at Photocircuits	5-18
5.5 Relationship Between Soil Samples and Groundwater Quality	5-23
6.0 Conclusions	6-1
6.1 Source Areas	6-1
6.1.1 Pall Corporation	6-1
6.1.2 Slater Electric	6-3
6.1.3 August Thomsen	6-3
6.1.4 Man Products	6-3
6.1.5 Carney Street Well Field	6-3
6.1.6 Photocircuits	6-4
6.2 Relative Contributors to Contamination at the Carney Street Well Field	6-4

List of Appendices

Appendix

A	Laboratory Results
B	Field Sampling Record Sheets And Drilling Logs

List of Figures

<u>Figure No.</u>		<u>Page</u>
1-1	Location Map, Sea Cliff Industrial Area	1-2
2-1	Regional Geologic Cross-Section	2-2
4-1	Groundwater Monitoring Wells and Soil Sample Locations	4-3
4-2	Soil Gas Survey Locations - Pall Corporation	4-6
4-3	Soil Gas Survey Locations - Slater Electric	4-11
4-4	Soil Gas Survey Locations - August Thomsen	4-15
4-5	Soil Gas Survey Locations - Man Products	4-18
4-6	Soil Gas Locations - Carney Street Well Field	4-22
6-1	Location Map - Probable Source Areas of Volatile Organic Contamination	6-2

TABLE OF CONTENTS (Continued)

List of Tables

<u>Table No.</u>		<u>Page</u>
3-1	Recent Water Quality Summary (1988-89)	3-3
3-2	Historical Water Quality Summary (1977-88)	3-4
3-3	Industrial Chemical Profile - Glen Cove	3-6
3-4	Area Supply Wells: Construction Details	3-8
4-1	Soil Gas Survey Sampling Locations with Corresponding HNu Responses - Carney Street	4-12
4-2	Carney Street Well Field Property - Soil Samples	4-22
5-1	Volatile Organics Quantified in Soil Samples - Pall Corporation	5-3
5-2	Volatile Organics Quantified in Monitoring Well Borehole Soil Samples - Pall Corp.	5-5
5-3	Volatile Organics Quantified in Soil Samples - Slater Electric	5-6
5-4	Volatile Organic Compounds Quantified in Monitoring Well Borehole Soils - Slater Electric	5-8
5-5	Volatile Organics Quantified in Soil Samples - August Thomsen	5-9
5-6	Volatile Organics Quantified in Monitoring Well Borehole Soil Samples - August Thomsen	5-10
5-7	Volatile Organics Quantified in Soil Samples - Man Products	5-12
5-8	Volatile Organics Quantified in Soil Samples - Carney Street Well Field Property	5-14
5-9	Volatile Organics Quantified in Groundwater - Pall Corporation	5-16
5-10	Volatile Organics Quantified in Groundwater - Enal/Pass & Seymour (Slater)	5-17
5-11	Volatile Organics Quantified in Groundwater - August Thomsen	5-18
5-12	Volatile Organics Quantified in Groundwater - Man Products	5-19
5-13	Volatile Organics Quantified in Groundwater at Photocircuits	5-22

Source Area Investigation
Sea Cliff Industrial Area
Glen Cove, New York

EXECUTIVE SUMMARY

The law firm of Crowell & Moring engaged H2M to conduct a soil and groundwater environmental investigation at five properties located in the Sea Cliff Industrial Area. These properties were identified as being possible contributors to the volatile organic contamination in groundwater associated with the abandonment of the City of Glen Cove's Carney Street Well Field supply wells in 1977.

The five properties were:

- 1) Pall Corporation, 30 Sea Cliff Avenue
- 2) August Thomsen Corp., 36 Sea Cliff Avenue
- 3) Enal/Pass & Seymour (Slater Electric, Inc.), 45 Sea Cliff Avenue
- 4) Man Products, Inc., 100 Carney Street
- 5) Carney Street Well Field, Rte. 107

The source area investigation conducted from August 1991 to February 1992 focused on the identification of existing source area(s) of volatile organic contamination in the Sea Cliff Industrial Area. The continuing existence of volatile organic contamination is indicated by elevated levels of volatile organic compounds quantified in soil and groundwater at all these sites, including a shallow monitoring well located directly above the abandoned municipal supply wells at the Carney Street Well Field property.

Soil gas surveys were conducted at the five properties resulting in a qualitative delineation of volatile organic contamination. The soil gas findings were verified by subsequent sampling and analytical testing of soil in the unsaturated zone.

Elevated concentrations of volatile organics were quantified at all of the properties investigated. Quantified halogenated organic compounds included tetrachloroethene, cis/trans 1,2-dichloroethene and trichloroethene. Elevated concentrations of non-halogenated and tentatively identified volatile compounds were also quantified at locations within the five properties.

The presence of these compounds quantified on-site in the unsaturated shallow soils is evidence of multiple source areas for organic contamination in the Sea Cliff Industrial Area. The presence of these compounds in elevated concentrations in the unsaturated zone overlying the shallow groundwater aquifer indicates that these areas have great potential to contaminate the aquifer supplying the former supply wells.

The soil gas surveys identified three areas of volatile organic contamination at the Pall Corporation property. Three areas of volatile organic contamination were quantified on site at the Slater Electric property. Two primary areas of volatile organic contamination were quantified on site at the August Thomsen property. However, only one area of volatile organic contamination was identified during the source area investigation at Man Products and the compounds detected there were not the same as the compounds that resulted in the closing of the Carney Street Well Field. At the Photocircuits property, two areas of high groundwater concentrations indicate nearby source areas. Finally, the Carney Street Well Field property itself had three source areas of contamination including the same compounds that resulted in the closing of the wells.

The relative contributions to contamination of the well field can be derived by comparing current concentrations of shallow groundwater contamination at each of the sites that were studied and considering the proximity of the sites to the well field. A summary of these findings in relation to the contamination that affected the well field is tabulated below:

<u>Source Area</u>	<u>Approximate Distance To Supply Wells</u>	<u>Highest Groundwater Concentration of total volatiles-ppb (year data obtained)</u>	<u>Depth of Well</u>	<u>Primary Contaminants</u>
Carney Street Well Field (supply wells)	N.A.	730 (1985)	165 ft.	PCE, TCE, 1,2-DCE
Carney Street Well Field (shallow well)	60 ft.	5,519 (1989)	24 ft.	PCE, TCE, 1,2-DCE
Pall	140 ft.	6,720 (1992)	13 ft.	PCE, TCE, 1,2-DCE
August Thomsen	360 ft.	1,417 (1992)	14 ft.	PCE, TCE, 1,2-DCE
Enal/Pass & Seymour	780 ft.	136 (1992)	20 ft.	PCE, TCE, 1,2-DCE
Photocircuits	1,200 ft.	7,410 (1992)	23 ft.	1,1,1-TCA, 1,1-DCA, Chloroethane

This data indicates that the primary sources of contamination at the well field probably originated from the well field itself, Pall Corporation, and August Thomsen. Not only do elevated concentrations of halogenated organics exist in close proximity to the supply wells, but the compounds of concern are identical to the compounds that resulted in the abandonment of the supply wells.

1.0 Introduction

The law firm of Crowell & Moring engaged Holzmacher, McLendon & Murrell, P.C. (H2M) to conduct soil and groundwater investigations at five properties located within the Sea Cliff Industrial Area. These properties were identified as being possible contributors to the volatile organic contamination reported at the City of Glen Cove's Carney Street Well Field. The well field is located adjacent to the Sea Cliff Avenue Industrial Area. These properties include the following, as shown on Figure 1-1:

- Pall Corporation - 30 Sea Cliff Avenue
- August Thomsen (property formerly owned by Pall Corporation) - 36 Sea Cliff Avenue
- Enal/Pass & Seymour (Slater Electric, Inc.) - 45 Sea Cliff Avenue
- Man Products - 100 Carney Street
- Carney Street Well Field - Rte. 107

The source area investigations were performed to provide evidence to support the joint defense of Kollmorgen Corporation and Photocircuits Corporation in legal actions initiated by the City of Glen Cove.

In March 1990, the City of Glen Cove filed a complaint against Photocircuits Corporation and Kollmorgen Corporation. This action was taken by the City to recover costs and damages that were claimed as a result of the groundwater contamination that resulted in the abandonment of the City's Carney Street Well Field. The data developed during these source area investigations will be used to show that many source areas of volatile organic contamination exist in the Sea Cliff area that may have impacted the Carney Street Well Field, including source areas at the well field itself.

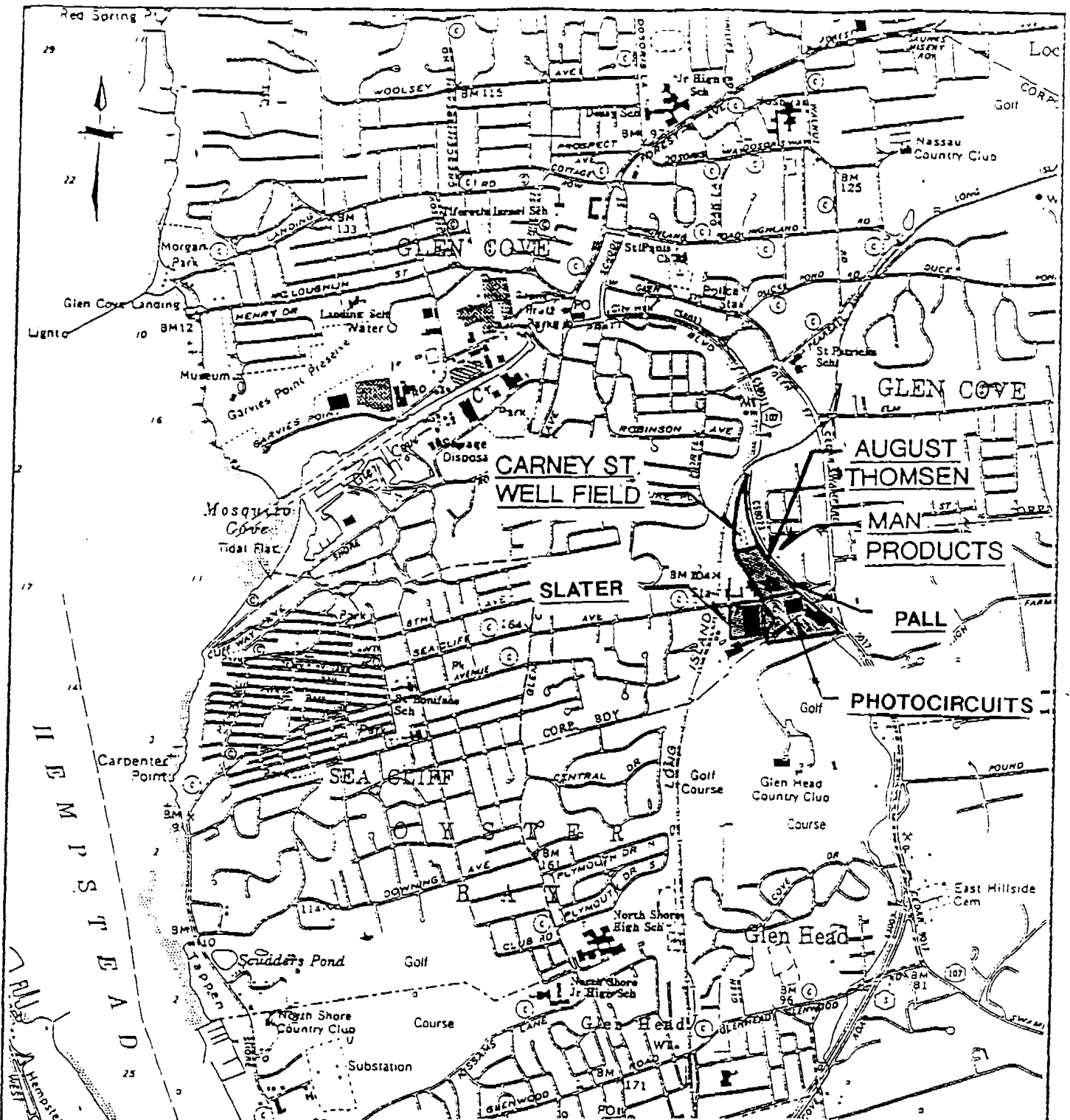


FIGURE 1-1
LOCATION MAP
SEA CLIFF INDUSTRIAL AREA
 GLEN COVE, NEW YORK

SCALE: 1" = 2000'

 SOURCE AREA INVESTIGATION

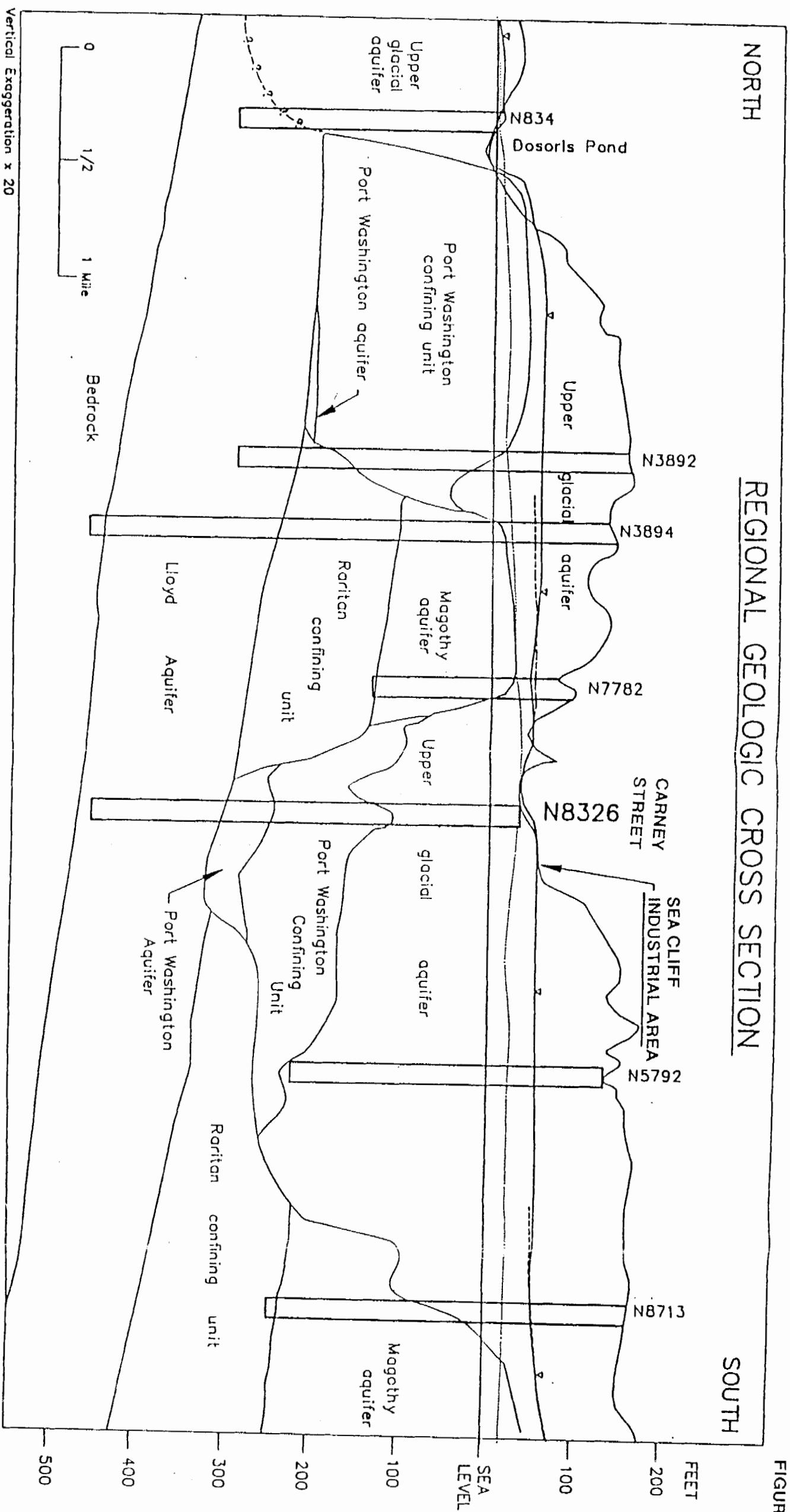
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NORTH

REGIONAL GEOLOGIC CROSS SECTION

SOUTH



Water table as of april 1980

Geologic contact—? when inferred

Magothy aquifer potentiometric surface as of march 1980

Lloyd aquifer potentiometric surface as of January 1979

Source: Water Resources Invest. Report
85-4051, Plate 1

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relatively impermeable confining layer, the Port Washington Confining Unit.

2.2 Local Hydrogeology

The local hydrogeologic units correspond to the previously discussed regional hydrogeologic units. The major aquifer beneath the vicinity of the study area is the Upper Glacial aquifer. The Upper Glacial aquifer is of variable composition and thickness. It ranges in thickness up to approximately 200 feet. The NCDH identified three facies: (1) a silty, clayey fine-medium sand with gravel to cobbles and occasional boulders; (2) medium to coarse sand and gravel, with cobbles and occasional silt zones; and (3) irregular alternating sequence of silt facies till with sandy till.

The Port Washington Confining Unit consists of clay and sandy-clay and forms an areally significant extensive confining layer defining the base of the Upper Glacial aquifer. It is approximately 100 feet thick.

Regional water table configuration maps developed by NCDH indicate a general northwesterly flow direction. Cedar Swamp Creek appears to be a significant water table discharge point, through and immediately north of the industrial zone along Sea Cliff Avenue. Groundwater flow is deflected to the north where the groundwater elevation contours curve around the creek. NCDH determined in their investigations that increased groundwater gradients exist around and toward the creek.

NCDH developed boring logs during the drilling of monitoring wells. The localized lithology ranged from a very fine to fine silty sand to a fine to coarse sand with gravel. An estimate of the average hydraulic conductivity ranges from 10 to 300 ft/day. Vertical gradients have been noted by NCDH to be consistently downward, with variations related to localized industrialized pumpage, slightly lower conductivities in the sandy till, and

seasonal variations in precipitation. The NCDH noted a small upward gradient at the well field property. This small gradient would not have existed during operation of the supply wells as a very large downward gradient would have prevailed because of the pumping.

The predominant horizontal groundwater flow direction as based upon groundwater elevation information from on-site monitoring wells is to the north-northwest. The depth to groundwater underlying the general area ranges from 3 to 10 feet below grade.

Based upon elevation data collected from the groundwater sampling conducted by NCDH and H2M, an average hydraulic gradient of 0.001 to 0.01 ft./ft. exists across the study area. On the basis of the hydraulic gradient data and an average hydraulic conductivity, a localized groundwater velocity of approximately 1 foot per day is calculated. This velocity is consistent with the groundwater velocity values established in literature for this region.

3.0 Nassau County Department of Health Source Area Investigations

3.1 Supply Wells

The Carney Street Well Field system has not been used since June of 1977 when the presence of organic compounds were found to exceed newly implemented drinking water standards. Maximum Contaminant Levels (MCLs) imposed by the United States Environmental Protection Agency (USEPA) and stricter standards from the New York State Department of Health (NYSDH) effective as of January 9, 1989 forced the city to restrict six out of ten city public water supply wells.

3.2 NCDH Source Area Investigations

Since the restrictions imposed on the Carney Street wellfield in 1977, the NCDH has taken measures to investigate the possible sources of the contamination. During the period between June 30th and July 26th, 1977, the NCDH collected a series of samples for organics analysis from various locations in the vicinity of the Carney Street Well Field. During February and June of 1977 and again in December of 1977, inspections and surveys of chemical usage and wastewater disposal methods were conducted by the NCDH. In the Carney Street area, only seven companies were permitted for the storage, handling and control of toxic and hazardous materials under the Nassau County Public Health Ordinance Article XI. According to the Organic Chemical Survey, eight companies used substantial quantities of organic chemicals (NCDH, 1990). It was concluded by NCDH that a groundwater contamination plume of volatile organic compounds is emanating from the Sea Cliff Avenue Industrial Area and extends from the water table to the base of the Upper Glacial aquifer. The highest concentrations (5,500 µg/l) of volatile organics were quantified at the Carney Street Well Field, itself.

A groundwater quality database of the Sea Cliff Avenue Area was developed by the NCDH dating from 1977 to 1988. This was accomplished through the routine sampling by the County

Departments of Health and Public Works of industrial, public water supply and groundwater monitoring wells. The primary wells of interest include industrial supply wells 2316, 6579, 7427, 8224 and 8887, and restricted City of Glen Cove public supply wells 3466, 8326 and 8327.

Table 3-1 is a historic water quality summary of the wells in the vicinity of Sea Cliff Avenue, and includes data collected through early 1988. As shown in this table, trichloroethene and tetrachloroethene were the two primary volatile organic compounds detected in both the industrial and public supply wells. Additional compounds that were quantified included 1,1-dichloroethane and 1,2-dichloroethene, which are potential breakdown products of trichloroethene and tetrachloroethene.

Table 3-2 is a listing of the recent water quality sampling conducted by NCDOH from mid-1988 through 1989. Generally, the types and levels of organic compounds are similar to those detected in the historic sampling.

3.3 Industrial Profile

An industrial profile was developed by NCDH for the Sea Cliff Avenue Industrial Area to determine potential sources of groundwater contamination through a historical survey and inventory of chemical usage and storage.

The initial profile was completed in 1977 and subsequently updated in 1988 as part of the continued NCDH study. Each facility identified in the area was surveyed for chemical usage, storage, and waste disposal methods practiced between 1977 and 1988. Interviews were conducted by NCDH to determine the type of business, source of water supply, sewage disposal, annual chemical usage, annual chemical waste generation and waste disposal practices.

Table 3-1
Investigation of Contaminated Aquifer
City of Glen Cove
Nassau County, New York

Historical Water Quality Summary (1977-1988)
Vicinity of Sea Cliff Avenue

Industrial Supply Wells (724, 8224, 8887, 6579 and 2316)			
Compound	Concentrations Minimum and Maximum (ug/L)		
	1977-1980	1981-1984	1985-1988
Trichloroethene	5-600	40-160	3-1900*
Tetrachloroethene	3-24	4-16	2-14
1,1,1-Trichloroethane	2-9	1-19	2-11
1,1-Dichloroethane	-	8-25	7-28
1,1-Dichloroethene	-	1-6	-

Carney Street Public Supply Wells (3466, 8326 and 8327)			
Compound	Concentrations Minimum and Maximum (ug/L)		
	1977-1980	1981-1984	1985-1988
Trichloroethene	1-300	1-380	93-690
Tetrachloroethene	2-375	1-64	7-46
1,1,1-Trichloroethane	1-20	2-18	2-14
1,1-Dichloroethane	-	11-16	7-12
1,1-Dichloroethene	-	1-3	1-3
Trichlorofluoroethane	4-22	3	6
Chloroform	1-20	-	2
Benzene	-	4	-

* Well 6579 reported one reading of 1900 ug/L.
Reference: NCDPW, 1990

Table 3-2
Investigation of Contaminated Aquifer Segment
City of Glen Cove
Nassau County, New York

Recent Water Quality Summary (1988-1989)
Vicinity of Sea Cliff Avenue

Industry Supply Wells (7424, 8224, 8887 and 2316)	
Compounds	Concentrations Minimum and Maximum (ug/l)
Trichloroethene	16-260
Tetrachloroethene	2-21
1,1,1-Trichloroethane	2-11
1,1-Dichloroethane	1-28
c/t-1,2-Dichloroethene	28-210
Chloroform	5-11
Vinyl Chloride	8

Carney Street Public Supply Wells NCDPW Deep Monitoring Well G-4	
Compounds	Concentrations Minimum and Maximum (ug/l)
Trichloroethene	2-580
Tetrachloroethene	13-190
1,1,1-Trichloroethane	1-6
1,1-Dichloroethane	4-10
c/t-1,2-Dichloroethene	2-280

Reference: NCDPW, 1990

A summary was prepared and is presented in Table 3-3 based upon NCDH records, information provided in the "Report on Industrial Waste Survey City of Glen Cove" by William F. Cosulich Associates, October 1974, the "Report on Industrial Waste Survey for the City of Glen Cove" by Sidney B. Bowne and Son, July 1968, and from information provided by the New York State Department of Environmental Conservation (NYSDEC) Industrial Chemical Survey (ICS) program.

3.4 Potential Sources of Contamination

The Carney Street Well Field consisted of three wells. Two of the wells were 165 feet deep, screened from 115 to 165 ft. and 120 to 165 ft. Each of these wells had a capacity of 1400 gpm. The third well was screened from 148 to 173 feet deep and had a capacity of 485 gpm. All of these wells were screened in the deep portion of the Upper Glacial aquifer. There are no significant confining boundaries above these screened depths.

Facilities operated by August Thomsen, Pall Corporation, Slater Electric, Photocircuits and the Glen Head Country Club all had supply wells which were installed to approximately the same depth as the Carney Street wells. All of these wells have been periodically monitored since the late 1970's when the Carney Street Wellfield was restricted.

According to the NCDH 1977 organic analytical data, trichloroethene (the major contaminant at the Wellfield) was found in all the industrial supply wells with the exception of one of the two supply wells at Photocircuits. The second most elevated contaminant at the Wellfield was tetrachloroethene. Tetrachloroethene was also found in all the industrial supply wells with the exception of one of the two supply wells at Photocircuits. The highest concentration of tetrachloroethene was found at the Carney Street wells. No detectable

Table 3-3
Investigation of Contaminated Aquifer Segment
City of Glen Cove
Nassau County, New York

Industrial Chemical Profile - Glen Cove
Chemical Summary

Name and Location of Industry	Primary Solvents Used	
	chlorinated -ethenes	other solvents
Pall Corp. 30 Sea Cliff Ave.	PCE, TCE used up to 1972. Small volumes of PCE, TCE bought in 1987.	Unknown
August Thomsen 35 Sea Cliff Ave.	Unknown	Unknown
Slater Electric 45 Sea Cliff Ave.	PCE (per 1977 survey)	1,1,1-TCA (per 1977 survey)
Photocircuits 31 Sea Cliff Ave.	PCE used in 1956.	1,1,1-TCA and Methylene Chloride used since 1966.

PCE - Tetrachloroethylene
TCE - Trichloroethylene
1,1,1 TCA - 1,1,1-Trichloroethane

concentrations of volatile organics were recorded at the most upgradient supply well at the Glen Head Country Club.

The 1982 NCDH analytical data indicates that the well at Pall Corporation contained the highest trichloroethene and tetrachloroethene concentrations (exclusive of the well field, itself). 1,1,1-Trichloroethane was found in all the industrial supply wells at trace concentrations. The upgradient supply well at the Glen Head Country Club reported no detectable concentrations of volatile organics. The construction details of the supply wells in the industrial area, the owner and their well number are identified in Table 3-4.

The NCDH analytical data and depth relationships of the supply wells at Carney Street, August Thomsen, Pall, Slater, Photocircuits and the Glen Head Country Club, indicate clean groundwater upgradient of the industrialized area in the vicinity of the Glen Head Country Club. In the industrialized area, it is apparent that contamination has been introduced from several locations including the Carney Street Well Field, itself. These identical contaminants are found at the wells of the Carney Street Wellfield, and are the cause of the Wellfield restrictions.

Table 3-4
Investigation of Contaminated Aquifer Segment
City of Glen Cove
Nassau County, New York

Area Supply Wells: Construction Details

	Depth (feet)	Screened Interval (feet)
<u>Carney Street:</u>		
3466	173	148-173
8326	165	120-165
8327	165	115-165
<u>Glen Head Country Club:</u>		
7834	202	171-202
<u>Photocircuits:</u>		
7427	161	120-161
8224	155	104-155
<u>Slater Electric:</u>		
8887	130	105-130
<u>Pall Corp.:</u>		
2316	170	?-170
<u>August Thomsen:</u>		
6579	146	130-146

4.0 Field Investigation

Field investigations were conducted using:

- Soil gas surveys to help identify probable source areas of contamination;
- surface soil sampling and analysis; and
- monitoring well installation and groundwater analysis.

4.1 Soil Gas Survey

To identify surface areas most likely to possess contamination, soil gas surveys were initially conducted across each of the project sites. Each property was divided into a grid to establish locations. A passive soil gas sampling program utilizing the Petrex method was also conducted by Northeast Research, Inc. in August, 1991.

The initial grid size for each facility was a 50 foot on center grid pattern. Small diameter holes were drilled into the ground utilizing an electric hammer drill in paved/concrete areas and a hand-driven rod (slam bar) in the grassed areas. In the paved areas, the hand-driven rod was used once penetration through the asphalt/concrete was obtained with the hammer drill. After the rod was removed, a probe was inserted and an air sample was aspirated using an 11.7 or 10.2 eV HNu photoionization detector (PID) and/or an OVA Foxboro flame ionization detector (FID) operated in Gas Chromatograph Survey Mode. Instrument responses were noted in parts per million (ppm) equivalent units. During the Petrex survey, locations along the perimeter of the industrial area in the public right of ways were chosen. A total of 35 locations were monitored.

Complementing this field survey, was another survey using the Petrex method. The Petrex survey consisted of inserting the Petrex collectors at the designated locations and retrieving them for the analysis one week later. The Petrex collector consists of two activated charcoal coated ferromagnetic wires. The collectors reside for an optimally measured period to assure time

integrative gas collection as opposed to instantaneous collection.

4.2 Surface Soil Sampling

Once the results of the soil gas survey were completed, soil samples were collected from locations where the highest PID responses were detected.

An electric vibratory hammer was utilized to access soil locations beneath the asphalt and concrete. Once the asphalt had been removed, a decontaminated bucket auger was used to collect the soil sample at an average depth of two to three feet below grade. A decontaminated trowel and pan were used to transfer the soil sample to the analytical glassware.

4.3 Soil Borings and Monitoring Well Installation

Upon completion and review of the analytical surface soil samples, H2M designed a monitoring well network for the Glen Cove study area. A total of 11 wells were installed within the facility boundaries of four of the facilities. There were no wells installed by H2M at the Carney Street Well Field because the site had monitoring wells installed by NCDH in 1989. Additionally, the Photocircuits site also had pre-existing wells that had been installed in 1988. The monitoring well network installed by H2M per facility is as follows:

- Pall Corporation - 5 wells
- Slater Electric - 3 wells
- August Thomsen - 2 wells
- Man Products - 1 well

Ten of the 11 monitoring wells were constructed as four-inch inner diameter PVC flush-joint riser with #10 slot size PVC well screens. A two-inch PVC monitoring well was installed on the Man Products facility. Figure 4-1 shows the locations of monitoring wells and soil samples throughout the site investigation area.

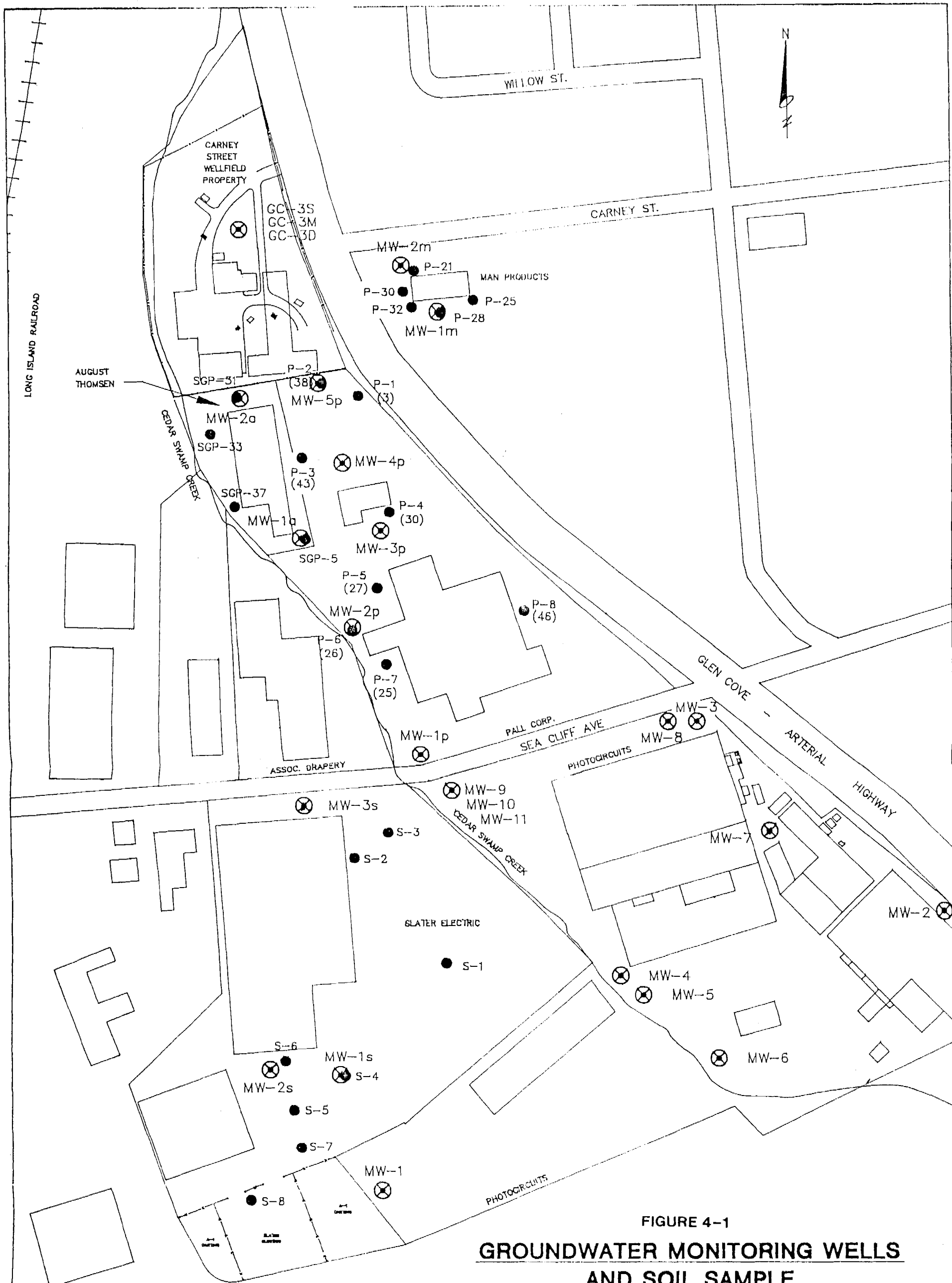


FIGURE 4-1
GROUNDWATER MONITORING WELLS
AND SOIL SAMPLE
LOCATIONS

LEGEND

- MW-1s
 ⊗ - INDICATES MONITORING WELL
 ● - SOIL SAMPLING LOCATIONS

150 100 50 0 150
 APPROXIMATE SCALE (feet)

A hollow stem auger drilling rig was used to install these wells to the required depths in accordance with the New York State Department of Environmental Conservation (NYSDEC) specifications for wells in unconsolidated formations. The annular space around the well screens was filled with a No. 1 grade sand pack extending from six inches below the bottom of the screen to a height of two feet above the screen. A two-foot bentonite seal was placed above the sand pack. The depth to the bottom and top of each seal was measured in the borehole to the nearest 0.1 foot using a weighted tape. The remaining annular space was grouted with a bentonite/cement slurry. A watertight locking cap was attached to the top of the PVC casing. A flush to grade steel cover was cemented around the well casing. This steel cover was set into a sloped concrete pad after the grout had been allowed to set. The monitoring well located at Man Products was completed above ground with a six-inch protective steel casing around the PVC well.

All the wells were developed by utilizing either a submersible pump or centrifugal pump. Specific conductivity and pH measurements were taken of the discharge until both parameters stabilized to confirm adequate development. Turbidity was also monitored at each well location until a measurement of less than 50 NTU was achieved or until turbidity stabilized. All purge water was collected in 55-gallon drums and was transported to the Photocircuits facility and disposed into the wastewater treatment system.

Following installation of the groundwater monitoring wells, a site survey was performed. The elevations of the top of the riser pipe of the wells were taken to the nearest 0.01 foot, as well as the ground elevation to the nearest 0.1 foot.

Split spoon samples were collected during drilling of the monitoring well boreholes to classify subsurface sediments, to

identify lithologic variation, and to determine the nature and probable extent of subsurface soil contamination, if present.

4.4 Pall Corporation

4.4.1 Soil Gas Survey

From November 22 through November 25, 1991, H2M implemented a soil gas survey at Pall Corporation located at 30 Sea Cliff Avenue in Glen Cove, New York. The property was divided into a grid to establish the sampling locations. The initial grid size was a 50 foot on center grid pattern, as shown in Figure 4-2. This resulted in the selection of 47 soil gas survey points.

Once this grid pattern was transposed from the site map to the actual property, C.A. Rich (Pall's Environmental Consulting firm providing oversight) checked the locations of the soil gas survey points to identify underground utilities. Where utilities were noted, the soil gas survey points were moved to a location agreed upon by both C.A. Rich and H2M.

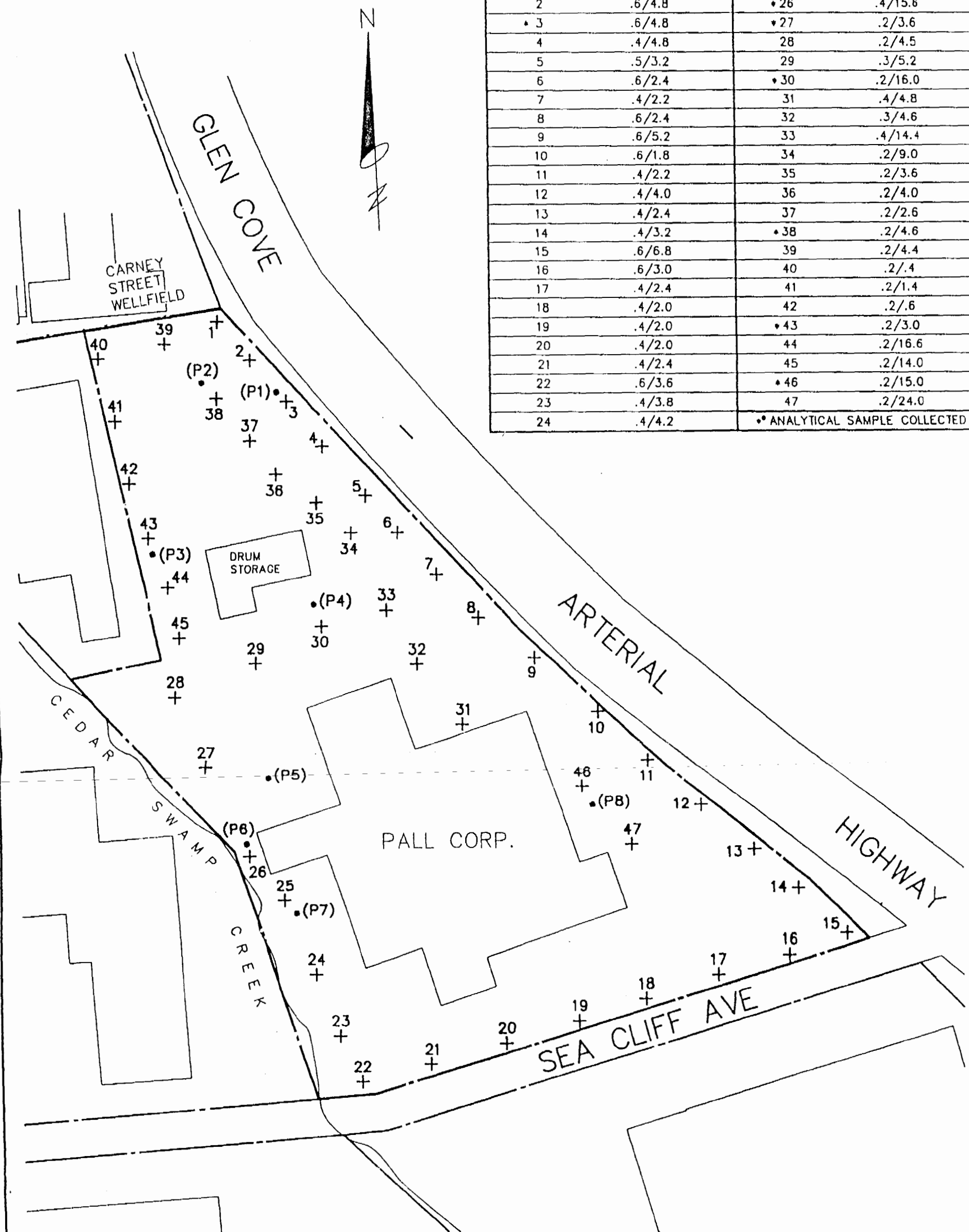
The soil gas survey results indicate that at 35 of the 47 sampling points, soil gas readings were less than 5 parts per million (ppm) equivalent HNu response units. Soil gas survey point number 25 (located west of the facility building) indicated the highest HNu response at 60 ppm. Just north of sampling point 25, point No. 26 reported an elevated response of 16 ppm.

The soil gas survey points located at the drum storage area (No. 30 and 44) reported responses of 16 and 17 ppm, respectively. During the soil gas investigation at the northern border of the facility, a petroleum odor was present at sampling points 37 and 38.

In addition, the Petrex survey identified relatively high ion counts associated with the presence of halogenated volatile organics east of the drum storage area (specifically, tetrachloroethene, trichloroethene and dichloroethene/trichloro-

4-6

SOIL GAS PT.	HNU RESPONSE AMBIENT/ SOIL GAS	SOIL GAS PT.	HNU RESPONSE AMBIENT/ SOIL GAS
1	.8/4.4	*25	.4/60.0
2	.6/4.8	*26	.4/15.6
*3	.6/4.8	*27	.2/3.6
4	.4/4.8	28	.2/4.5
5	.5/3.2	29	.3/5.2
6	.6/2.4	*30	.2/16.0
7	.4/2.2	31	.4/4.8
8	.6/2.4	32	.3/4.6
9	.6/5.2	33	.4/14.4
10	.6/1.8	34	.2/9.0
11	.4/2.2	35	.2/3.6
12	.4/4.0	36	.2/4.0
13	.4/2.4	37	.2/2.6
14	.4/3.2	*38	.2/4.6
15	.6/6.8	39	.2/4.4
16	.6/3.0	40	.2/.4
17	.4/2.4	41	.2/1.4
18	.4/2.0	42	.2/.6
19	.4/2.0	*43	.2/3.0
20	.4/2.0	44	.2/16.6
21	.4/2.4	45	.2/14.0
22	.6/3.6	*46	.2/15.0
23	.4/3.8	47	.2/24.0
24	.4/4.2	* ANALYTICAL SAMPLE COLLECTED	

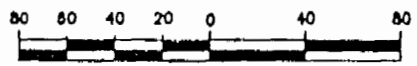


LEGEND

- 32 + INDICATES GAS SURVEY POINT
- (P8) INDICATES SOIL SAMPLE COLLECTED AND ANALYZED

FIGURE 4-2
SOIL GAS SURVEY
AND
SOIL SAMPLE LOCATIONS
PALL CORPORATION

30 SEA CLIFF AVENUE
GLEN COVE, NEWYORK



1 inch = 80 ft.

JAN. 13, 1992

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ethane). This location most closely corresponds to the area where the petroleum odor was noticed.

4.4.2 Surface Soil Sampling

Once the results of the soil gas survey were completed, soil samples were collected from locations where the highest PID responses were reported or in areas of suspected surface spills. Surface soil samples were collected at eight locations at Pall Corporation in order to assist in identifying the nature and probable extent of surface soil contamination, if present, as well as areas of any potential spills in the vicinity of the drum storage areas. All eight of the soil samples, as well as a field blank and trip blank, were analyzed by H2M Labs, Inc. for volatile organics using NYSDEC Method ASP-989 by Contract Laboratory Protocol procedures (CLP). Figure 4-1 indicates soil sampling locations. All of the soil samples were split with C.A. Rich consultants.

An electric vibratory hammer was utilized to access soil locations beneath the asphalt and concrete at locations P2, P3, P4, P6, P7 and P8. Once the asphalt had been removed, a decontaminated bucket auger was used to extract the soil sample from an average depth of two to three feet below grade. A decontaminated trowel and bowl were used to transfer the soil sample to the analytical glassware. The decontamination procedure included a physical scrubbing of the equipment with detergent (alconox) and tap water, and then rinsing with distilled water.

The analytical samples were then packed with ice in laboratory coolers with the necessary chain of custody sheets and seals and delivered to H2M Labs, Inc. for analysis. Included with the eight soil samples were quality assurance/quality control (QA/QC) samples. These included a field blank sample collected from the bucket auger prior to soil sampling and a trip blank sample. Deionized water was poured through the

ethane). This location most closely corresponds to the area where the petroleum odor was noticed.

4.4.2 Surface Soil Sampling

Once the results of the soil gas survey were completed, soil samples were collected from locations where the highest PID responses were reported or in areas of suspected surface spills. Surface soil samples were collected at eight locations at Pall Corporation in order to assist in identifying the nature and probable extent of surface soil contamination, if present, as well as areas of any potential spills in the vicinity of the drum storage areas. All eight of the soil samples, as well as a field blank and trip blank, were analyzed by H2M Labs, Inc. for volatile organics using NYSDEC Method ASP-989 by Contract Laboratory Protocol procedures (CLP). Figure 4-1 indicates soil sampling locations. All of the soil samples were split with C.A. Rich consultants.

An electric vibratory hammer was utilized to access soil locations beneath the asphalt and concrete at locations P2, P3, P4, P6, P7 and P8. Once the asphalt had been removed, a decontaminated bucket auger was used to extract the soil sample from an average depth of two to three feet below grade. A decontaminated trowel and bowl were used to transfer the soil sample to the analytical glassware. The decontamination procedure included a physical scrubbing of the equipment with detergent (alconox) and tap water, and then rinsing with distilled water.

The analytical samples were then packed with ice in laboratory coolers with the necessary chain of custody sheets and seals and delivered to H2M Labs, Inc. for analysis. Included with the eight soil samples were quality assurance/quality control (QA/QC) samples. These included a field blank sample collected from the bucket auger prior to soil sampling and a trip blank sample. Deionized water was poured through the

decontaminated bucket auger and into two 40-ml vials for collection of the field blank.

Three soil samples (P5, P6 and P7) were collected just west of the Pall facility building in the driveway entrance. These samples were collected from a depth of 1.5 to 2.5 feet. This area represented the highest PID responses reported during the soil gas investigation. HNu responses during the soil gas investigation at these three locations ranged from 3.6 to 60 ppm.

Two soil samples were collected at the northern border of the facility (P1 and P2) south of the Day Care Center. These samples were collected due to the distinct petroleum odors encountered during the soil gas investigation. The field blank was collected from the bucket auger prior to the collection of sample P1. Soil sample P1 was collected from a depth of 0.5 to 1.5 feet. The matrix spike/matrix spike duplicate (MS/MSD) sample was collected at soil location P2. This sample was collected from a depth of 2.0 to 3.0 feet. Two soil samples were collected near the drum storage area in the center of the property (P3 and P4). Both these samples were collected from 1.0 to 2.0 feet below grade. A sweet odor was detected during the sampling of P4. Soil sample P4 was collected just south of the stored drums near soil gas survey point No. 30.

The last soil sample was collected on the east side of the facility building (P8). This sample was collected from a depth of 1.5 to 2.5 feet. No odors were present during the sampling of P8. Once all eight samples were collected, all breaks in the asphalt were patched to prevent surface migration into the underlying soils.

4.4.3 Soil Borings and Monitoring Well Installation

On January 20, 1992, the installation of the monitoring well network began at Pall Corporation. A total of five monitoring wells were installed on Pall's property. Four of the five

monitoring wells at the Pall facility were installed as shallow water table wells, which screen the top zone of the water table. One well, MW-4, was screened from 10 feet to 20 feet into the water table. Groundwater in the vicinity of Pall Corporation was encountered at a range of three to seven feet below grade. All five wells were installed as four-inch PVC riser and screen. Each well was completed flush to grade with watertight locking caps on top of the PVC risers.

The following table gives well construction details of the five wells, along with sampling intervals collected and analyzed:

WELL #	SCREEN ZONE (FEET)	SAMPLE DEPTH (FEET)
MW-1P	5 to 15	4 to 6
MW-2P	4 to 14	2 to 4
MW-3P	3 to 14	2 to 4
MW-4P	13 to 23	1 to 3
MW-5P	3 to 13	4 to 6

Split spoon samples were collected continuously in all monitoring wells from grade to groundwater. All soils generated during the well installations were contained in 55-gallon drums and stockpiled in a staging area next to the drum storage shed. A total of nine drums were generated at the Pall facility. Composite soil samples were collected and analyzed for waste disposal characteristics. Pending analytical data, the drums will be transported and disposed.

4.5 Enal/Pass & Seymour (Slater Electric)

4.5.1 Soil Gas Survey

Beginning on November 26, 1991 and concluding on December 16, 1991, H2M completed a soil gas survey at the Enal/Pass & Seymour (Slater Electric) facility located at 45 Sea Cliff Avenue in Glen Cove, New York. The initial grid size was a 50 foot on

center grid pattern, as shown in Figure 4-3. This resulted in the selection of 60 soil gas survey points.

Once this grid pattern was transposed from the site map to the actual property, representatives from Vollmuth and Brush and Blasland, Bouck, and Lee (Enal/Pass & Seymours' Environmental Consulting firms providing oversight) checked the locations of the soil gas survey points to identify underground utilities. Where utilities were noted (east of the facility building), the soil gas survey points were moved to an agreed upon location or cancelled by the facility representatives and/or H2M. Of the sixty (60) original soil gas survey points established on a site map, twelve (12) of these points were not completed due to the ambiguous locations of the underground utilities.

Of the forty-eight soil gas survey points completed, 31 points reported HNu responses below 5 parts per million. Soil gas survey point #38 (just east of the facility) reported the highest HNu response at 48 ppm. The soil gas survey points collected in and around the drum storage area ranged from 0.6 to 45 ppm. Other elevated HNu responses occurred in the parking area on the east side of the property. Soil gas survey points #11 and #12 reported HNu responses of 35 and 36 ppm, respectively.

The Petrex survey identified the presence of tetrachloroethene along the property line on the west of the facility with a relatively high ion count. Only the western edge of the property was surveyed utilizing the Petrex method.

4.5.2 Surface Soil Sampling

Surface soil samples were collected at eight locations at Enal/Pass & Seymour (Slater Electric) in order to assist in identifying the nature and probable extent of surface soil contamination, if present, as well as areas of any potential spills in the vicinity of the drum storage areas. All eight of

ASSOC. DRAPERY

PALL CORP.

SEA

CLIFF

AVENUE

PHOTOCIRCUITS

CEDAR

SWAMP

CREEK

SLATER ELECTRIC

POTENTIAL
SPILLSSLATER
ELECTRIC

PHOTOCIRCUITS

GLEN HEAD
COUNTRY CLUB

LEGEND

47
+ INDICATES GAS
SURVEY POINT(S-7)
• INDICATES SOIL SAMPLE
COLLECTED AND
ANALYZEDFIGURE 4-3
SOIL GAS SURVEYAND
SOIL SAMPLE LOCATIONS
SLATER ELECTRIC
INCORPORATED45 SEA CLIFF AVENUE
GLEN COVE, NEW YORK

1 inch = 80 ft.

JAN. 14, 1992

SOIL GAS PT.	HHV RESPONSE AMBIENT/SOIL GAS	SOIL GAS PT.	HHV RESPONSE AMBIENT/SOIL GAS
1	.2/1.8	31	N/A
2	.3/1.2	32	N/A
3	.2/2	33	N/A
4	.3/4.8	34	N/A
5	.4/28.0	35	N/A
6	.3/19.8	36	.2/1.0
7	.3/30.0	37	.2/48.0
8	.2/27.8	38	.3/48.0
9	.2/1.4	39	.3/2
10	N/A	40	0/4.8
11	.1/35.0	41	0/1.0
12	.1/38.0	42	0/0
13	.3/3	43	1.0/1.8
14	.2/4	44	.8/12.0
15	.2/4	45	.4/48.0
16	N/A	46	.2/3
17	.2/1.2	47	.3/4
18	.1/9.0	48	.2/8
19	.2/7.0	49	.3/1.0
20	.2/8	50	.3/8
21	.2/3.8	51	.2/3.0
22	.2/3	52	0/10.2
23	.2/1.0	53	.2/12.0
24	.2/1.2	54	.4/1.4
25	N/A	55	1.0/10.4
26	.2/20	56	1.8/1.8
27	.2/4	57	.2/2.8
28	N/A	58	.2/1.0
29	.2/4	59	N/A
30	N/A	60	N/A
N/A NOT AVAILABLE		• ANALYTICAL SAMPLE COLLECTED	

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the soil samples, as well as a field blank and trip blank, were analyzed by H2M Labs, Inc. for volatile organics by NYSDEC Method ASP-989 by CLP. Figure 4-1 indicates soil sampling locations. All of the soil samples were split with Vollmuth and Brush consultants.

An electric vibratory hammer was utilized to access soil locations beneath the asphalt and concrete at locations S-1 through S-7. Soil sample S-8 was collected from the southern border of the facility through the fill area.

On December 16 and 17, 1991, H2M collected and analyzed the eight surface soil samples from the Slater Electric property. Two soil samples were collected from the entrance driveway off Sea Cliff Avenue (S-2 and S-3). Soil sample S-2 was collected just west of the facility. Once the asphalt had been removed, a bucket auger was used to extract the soil sample from a depth of 1.5 to 2.5 feet below grade. The selection of this soil sample location was based on the elevated PID response of 48 ppm during the soil gas survey investigation. Soil sample S-3 was acquired from soil gas survey point #26. This sample was collected from a depth of 2.0 to 3.0 feet below grade. The field blank was collected from the bucket auger prior to the sample collection of S-3.

One soil sample was obtained from the facility parking area west of the facility building. Soil sample S-1 was collected at soil gas survey point #12. During the soil gas investigation, an elevated response was recorded at 36 ppm on the PID meter. The top four inches below the asphalt were fine to coarse light brown sand fill. Below this fill zone were fine dark brown sands and silts. Sample S-1 was collected from this zone at a depth of 1.5 to 2.5 feet below grade.

Three samples were collected from the southern border of the facility building (S-4, S-5 and S-6) near the drum storage and

facility storage areas. Sample S-4 was collected just north of the drum storage area in the entrance driveway to the back of the facility. The MS/MSD sample was collected from this location. During the soil gas survey, an elevated HNu response of 45 ppm was reported at soil gas point #45 corresponding to sample S-4. The other two soil samples collected from the storage area were samples S-5 and S-6. These two soil samples correspond to soil gas survey points #53 and #58. The PID readings were only slightly elevated in these soil gas locations at 12 and 1 ppm, respectively. However, this area contains many storage materials with the potential for surface spills or leaks.

The final soil sample collected represents background conditions at the facility. This sample was obtained from the service road south of the facility. This sample was collected from the grass area, five (5) feet north of the service road at a depth of 2.0 to 3.0 feet from grade. As completed at all the facilities, once all eight samples were collected, all breaks in the asphalt were patched to prevent surface migration into the underlying soils.

4.5.3 Soil Borings and Monitoring Well Installation

On January 27, 1992, H2M and Water Resources, Inc. began installing three monitoring wells at the Slater Electric facility. Two wells (MW-1S and MW-2S) were installed south of the building near the drum storage area. The other monitoring well (MW-3S) was installed downgradient, adjacent to Sea Cliff Avenue. All three wells were installed as shallow water table wells with a 15-foot section of four-inch PVC screen. Depth to water in the area of Slater ranged from 7.5 to 9.6 feet.

The following table gives well construction details of the three wells, along with sampling intervals collected and analyzed:

WELL #	SCREEN ZONE (FEET)	SAMPLE DEPTH (FEET)
MW-1S	6 to 21	4 to 6
MW-2S	6 to 21	6 to 8
MW-3S	5 to 20	6 to 8

Soils generated during the well installations were contained in 55-gallon drums and stored south of the facility near the drum storage area. Disposal of these seven drums is pending analytical characterization results.

4.6 August Thomsen

4.6.1 Soil Gas Survey

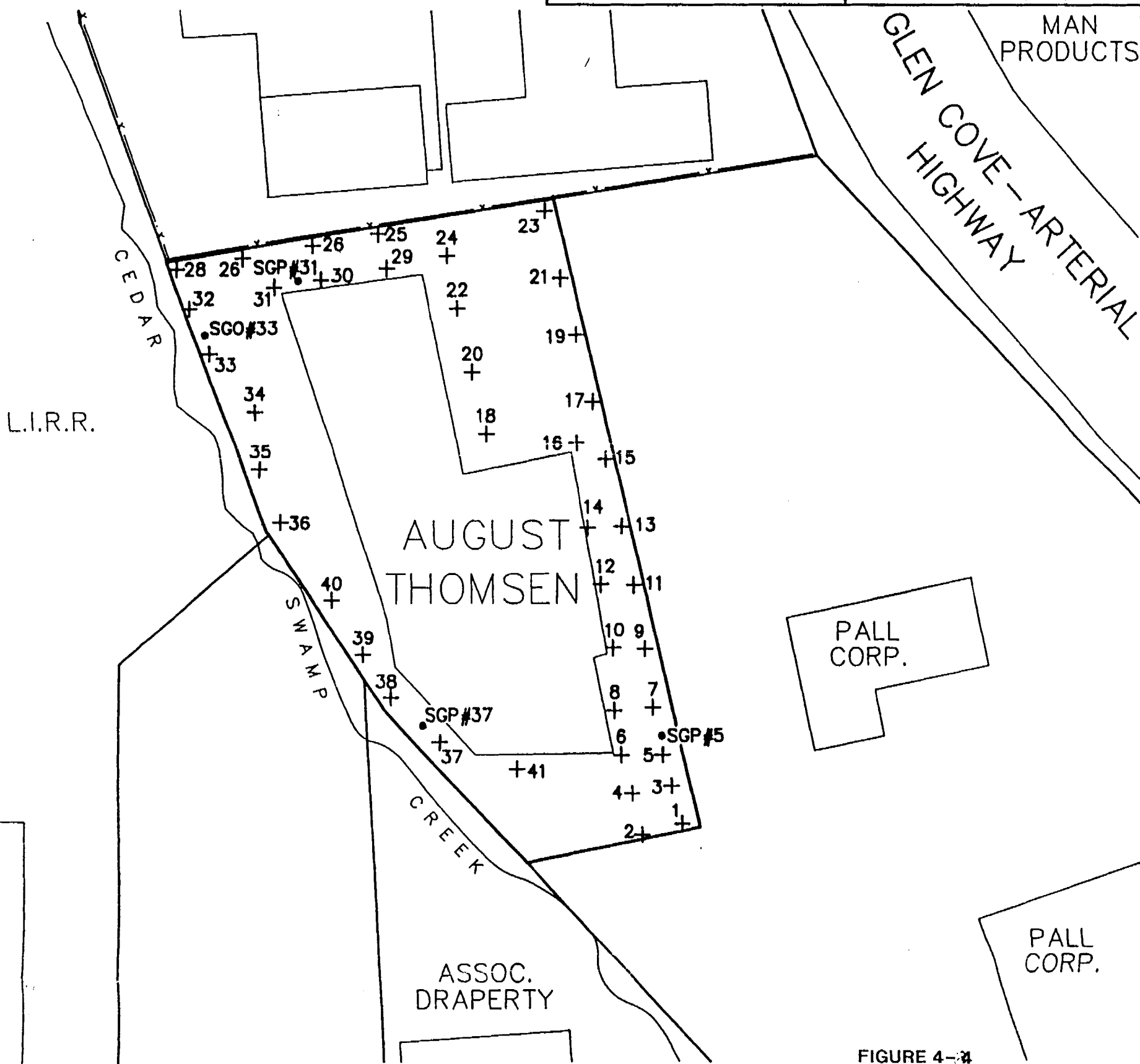
Between November 21 and November 25, 1991, H2M completed a soil gas survey on the property of August Thomsen, located at 36 Sea Cliff Avenue in Glen Cove, New York. The initial grid size was a 50 foot on center grid pattern, as shown in Figure 4-4. This resulted in the selection of 41 soil gas survey points.

Once this grid pattern was transposed from the site map to the actual property, a representative from Eder Associates (consulting firm providing oversight for August Thomsen) checked the locations of the soil gas survey points to identify underground utilities. The proposed grid that was represented on a site map was completed as shown. There were no underground utilities identified by Eder Associates at the soil gas points.

Of the forty-one soil gas survey points completed, 32 points reported HNu responses below 2 parts per million. Soil gas survey point #5 (just east of the facility) reported the highest HNu response at 40 ppm. The other soil gas survey points collected in and around this driveway entrance area ranged from 1 to 7 ppm. Other elevated HNu responses occurred north of the



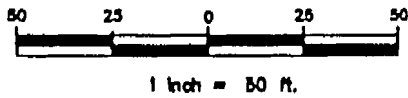
SOIL GAS PT.	HNU RESPONSE	SOIL GAS PT.	HNU RESPONSE
1	1.0	22	0
2	1.0	23	0
3	5.0	24	0
4	5.0	25	0
5	40.0	26	0
6	7.0	27	.7
7	0	28	0
8	0	29	0
9	0	30	.6
10	.6/1.8	31	2.0
11	0	32	0
12	.8	33	10.0
13	0	34	2.0
14	0	35	0
15	0	36	0
16	0	37	5.0
17	0	38	0
18	0	39	0
19	0	40	0
20	0	41	2.0
21	0	ANALYTICAL SAMPLE COLLECTED	



LEGEND

- 21
+ INDICATES SOIL GAS
SURVEY POINT
- SGP #37
• INDICATES SOIL SAMPLE
COLLECTED AND
ANALYZED

FIGURE 4-2
**SOIL GAS SURVEY
AND
SOIL SAMPLE LOCATIONS**
AUGUST THOMSEN
36 SEA CLIFF AVENUE
GLEN COVE, NEW YORK



JAN. 16, 1992

facility building. Soil gas survey points #31 and #33 reported HNu responses of 2 and 10 ppm, respectively.

The Petrex survey identified the presence of halogenated volatile organic compounds in the northeastern portion of the property. Tetrachloroethene, trichloroethene and dichloroethene/trichloroethane were each identified as having a relatively high ion count in this area.

4.6.2 Surface Soil Sampling

On November 25, 1991, following completion of the soil gas investigation, four (4) soil samples were collected from the August Thomsen facility. These soil sample locations were selected based on elevated HNU PID responses during the soil gas investigation. Two soil samples were collected from the north side of the facility building (SGP #31 and SGP #33). An elevated HNu response of 2 and 10 ppm, respectively, was recorded in these locations. During the sampling of SGP #31, a slight petroleum odor was distinguished. Both of these samples were obtained from a depth of 1.5 to 2.5 feet below grade.

Soil gas survey point #5, located southeast of the facility, contained the highest HNu responses during the soil gas survey investigation (40 ppm). The corresponding soil sample (SGP #5) was collected from a depth of 2.0 to 3.0 feet. The fourth soil sample was collected from the area between the facility building and Cedar Swamp Creek. This sample (SGP #37) was collected from a depth of 1.5 to 2.5 feet. Following the sampling activities, all breaks in the asphalt were patched to prevent surface migration into the underlying soils.

4.6.3 Soil Borings and Monitoring Well Installation

On January 23, 1992, two monitoring wells were installed at the August Thomsen facility. One well (MW-1A) was installed just southeast of the facility building, near soil gas survey point SGP #5. Continuous split spoon sampling revealed a groundwater

level at 3.8 feet below grade. The other monitoring well was installed just north of the August Thomsen building (MW-2A) in the low-lying asphalt area. Both wells were completed flush to grade with watertight locking caps on top of the PVC risers.

Groundwater in the vicinity of MW-2A was encountered at approximately 2.2 feet below grade. The area north of the facility building, near MW-2A is low-lying and therefore, receives surface runoff.

The following table gives well construction details of the two wells, along with sampling intervals collected and analyzed:

WELL #	SCREEN ZONE (FEET)	SAMPLE DEPTH (FEET)
MW-1A	1.5 to 11.5	2 to 4
MW-2A	3.5 to 13.5	2 to 4

Soils generated during the well installations were also contained in 55-gallon drums and stockpiled in a staging area north of the facility. A total of three drums were generated at the August Thomsen facility.

4.7 Man Products

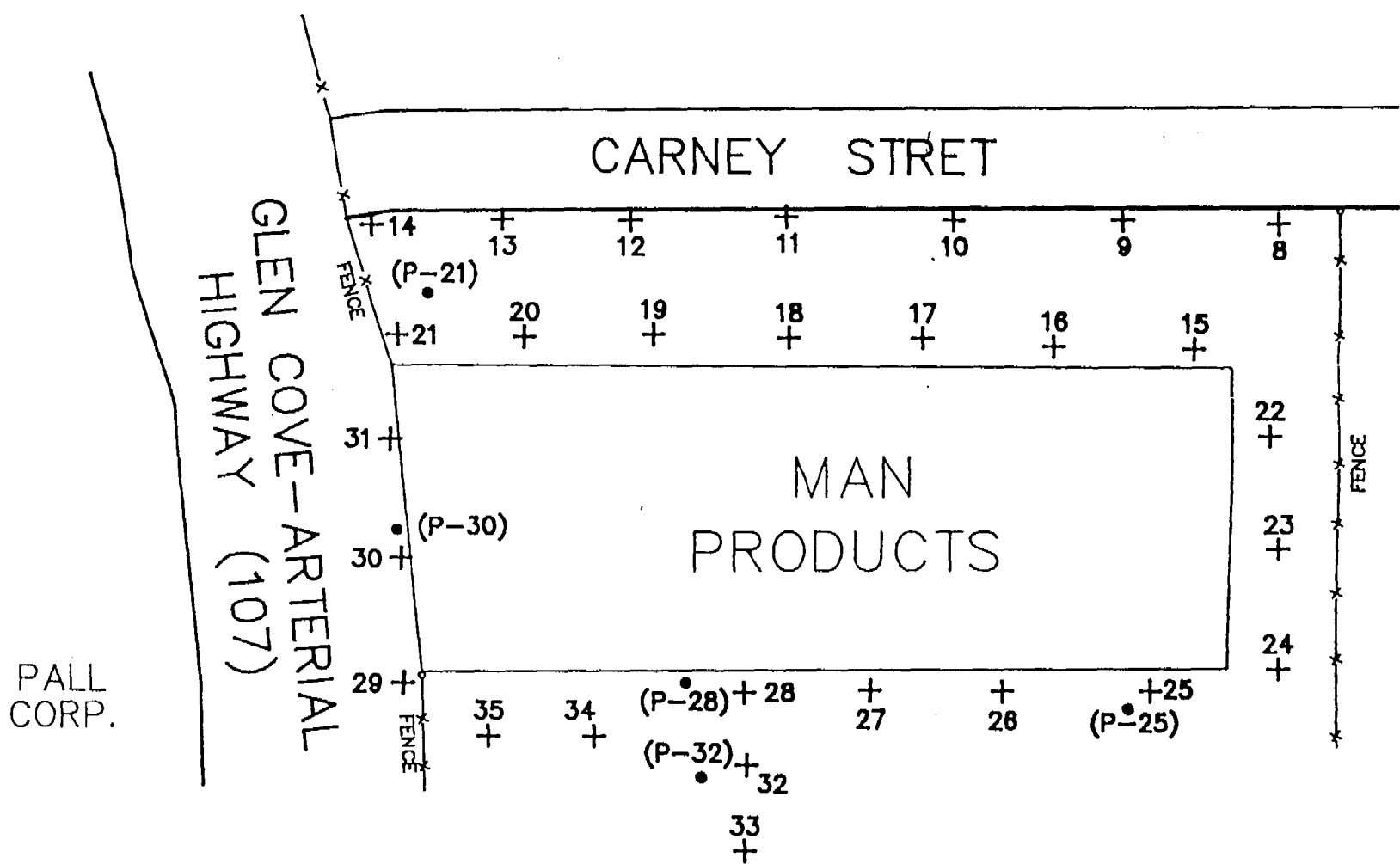
4.7.1 Soil Gas Survey

Between November 27 and December 6, 1991, H2M completed a soil gas survey on the property of Man Products, located at 100 Carney Street in Glen Cove, New York. The initial grid size was a 50 foot on center grid pattern, as shown in Figure 4-5. This resulted in the selection of 35 soil gas survey points.

Each of these soil gas survey points was checked for underground utilities prior to any subsurface work. No utilities were observed at any of these soil gas points.



SOIL GAS	HNU RESPONSE	SOIL GAS	HNU RESPONSE
PT.	AMBIENT/SOIL GAS	PT.	AMBIENT/SOIL GAS
8	0/.7	22	0/2.0
9	0/4.0	23	.4/1.0
10	0/1.8	24	.6/.6
11	0/.7	*25	.4/4.8
12	0/.6	26	.4/4.2
13	N/A	27	N/A
14	0/1.0	*28	.4/150
15	0.2/2.4	29	.6/7.0
16	0/1.0	*30	.6/20
17	0/.5	31	.6/6.8
18	0/.4	*32	.4/300.0
19	0/0	33	.6/4.0
20	0/0	34	0/0
• 21	.6/4.8	35	0/7.0
N/A - NOT AVAILABLE		* ANALYTICAL SAMPLE COLLECTED	



LEGEND

- 33
+ INDICATES SOIL GAS SURVEY POINT
- (P-21)
• INDICATES SOIL SAMPLE COLLECTED AND ANALYZED

FIGURE 4-5
**SOIL GAS SURVEY
AND
SOIL SAMPLE LOCATIONS**

MAN PRODUCTS

100 CARNEY STREET
GLEN COVE, NEW YORK



1 inch = 50 ft.

JAN. 16, 1992

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Of the 35 soil gas survey points completed, 29 had reported an HNu response below 5 ppm. However, the soil gas survey points located south of the facility building reported the highest responses on the PID. During this investigation on the southern border of the property, a strong petroleum odor was evident. The HNu PID responses correlated with the odor. The highest HNu response was reported at soil gas survey point #32 at 300 ppm. The soil gas survey point located 50 feet north of point #32 reported a PID response of 150 ppm. Overall, the PID responses in this entire area (south of the building) ranged from 4.2 to 300 ppm. No other area reported elevated concentrations of volatile organics on the HNu PID. In addition, the Petrex survey reported a relatively high response to tetrachloroethene in the general area of the south western portion of the property.

4.7.2 Surface Soil Sampling

On December 6, 1991, H2M collected 4 surface soil samples from the property of Man Products located at 100 Carney Street in Glen Cove, New York. These soil sample locations were selected based on elevated HNU PID responses during the soil gas investigation. One soil sample (P-21) was collected from the north side of the facility building, and three soil samples (P-25, P-28, and P-32) were collected on the south side of the facility.

The focus of the investigation was on the area just south of the facility building; this area rendered the highest PID responses during the soil gas investigation, as well as noticeable petroleum odors.

Soil samples P-28 and P-32 represent this area, and were collected from 1.5 and 2.5 feet below grade. None of the soil samples collected at the Man Products facility were obtained beneath asphalt as with the other facilities. All four samples were collected from non-paved areas. The surface soils

throughout the study area comprised of medium to fine poorly graded tan brown sands.

4.7.3 Soil Borings and Monitoring Well Installation

On January 17, 1992, Water Resources, Inc., with technical oversight provided by H2M, installed a two-inch monitoring well on the Man Products facility.

Continuous split spoon samples were collected beginning at two feet and continued to the water table. Each split spoon was logged with soil description, HNu response and blow counts (borehole logs are attached in appendix). One soil sample, as well as a field blank, was collected and analyzed at 17 to 19 feet. These samples were analyzed by H2M Labs for volatile organics, NYSDEC Method ASP-989, by CLP procedures.

The total depth of MW-1M is 34 feet below grade with 15 feet of No. 10 slot PVC screen. Man Products representative, Robert Dresnick, was present on site during all drilling activities and also obtained a split sample of the soil sample collected from MW-1M.

4.8 Carney Street Well Field

4.8.1 Soil Gas Survey

The well field property contains three buildings which are operated as a Day Care Center, Emergency Medical Service (EMS) facility and Water Department Control Building. Other smaller structures include former supply well Nos. 20, 21 and 22 buildings, which house the equipment associated with the former supply wells, and a generator building. Three NCDH monitoring wells are also located on the property.

The primary objective of this investigation was to determine if source area(s) of volatile organic contamination exist on or near the well field property which may have contributed to the abandonment of three on-site supply wells in 1977.

The continued existence of this type of contamination at the well field property is indicated by the high level concentrations of volatile organic compounds quantified in 1986 at the shallow, on-site monitoring well, GC-3S, installed by the NCDH.

The source area investigation consisted of a soil gas survey, followed by soil sampling. On August 29, 1991, H2M performed a soil gas survey which encompassed the entire property, inclusive of the area surrounding the Day Care Center and the EMS Garage facility. The areas occupied by buildings were not included in the soil gas survey.

During this field program, attorneys representing both the City of Glen Cove and Kollmorgen Corporation and Fanning, Phillips and Molnar, the consulting firm representing the City of Glen Cove were present to observe the field activities associated with the soil gas survey and the collection of soil samples for analytical testing.

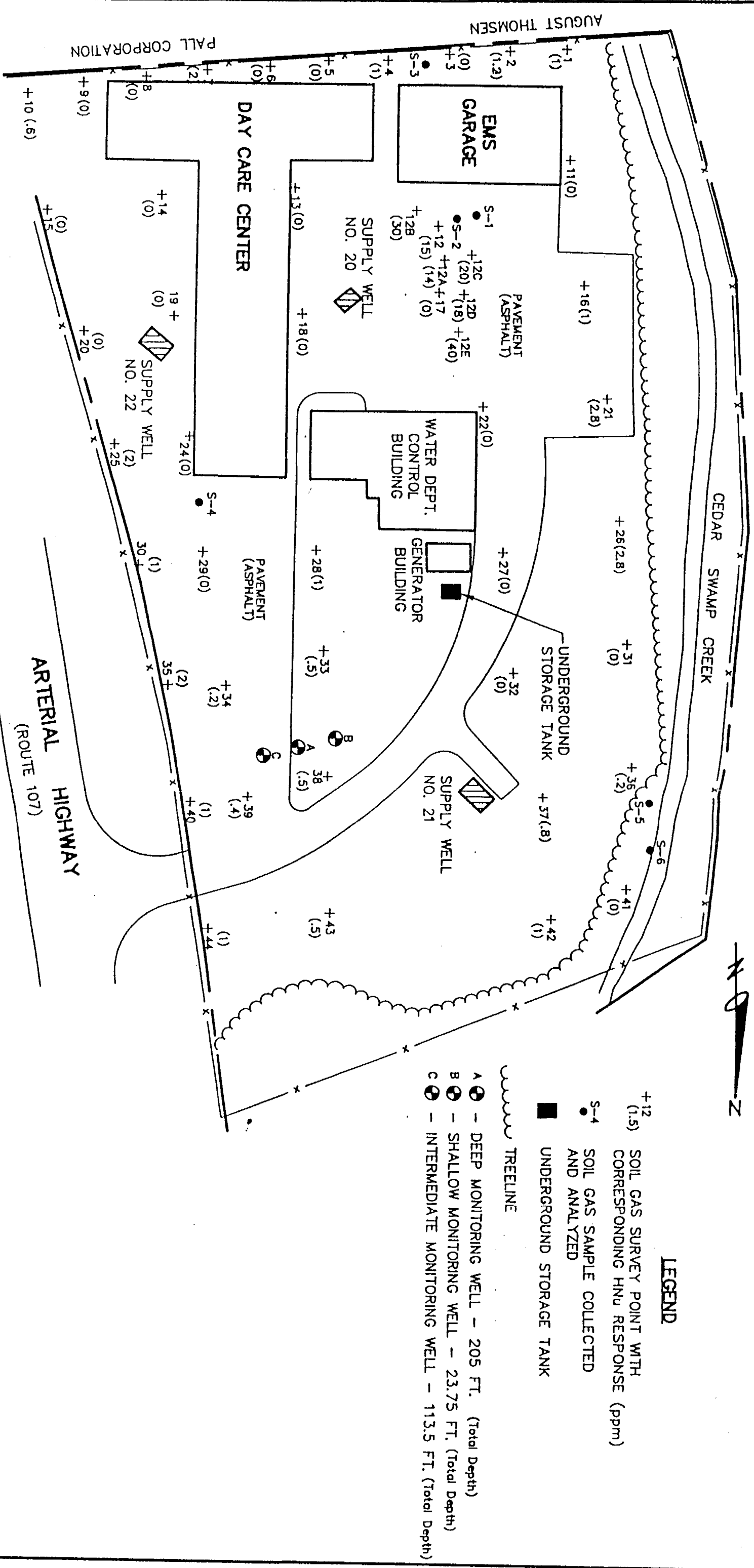
The initial grid size was a 50 foot on center grid pattern, as shown in Figure 4-6. This resulted in the selection of a minimum of 44 soil gas survey points.

Once this grid pattern was transposed from the site map to the actual property, City of Glen Cove and Water District personnel checked the locations of the soil gas survey points to identify underground utilities. No utilities were in locations of the designated soil gas survey points.

Soil gas responses above background ambient air conditions were recorded. Table 4-1 lists HNu responses reported at the 44 sampling points. Fanning, Phillips and Molnar personnel, consultants for the city, utilized a TIP (PID) to verify H2M's PID readings.

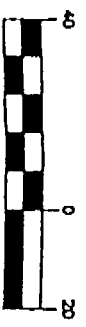
FIGURE 4--6

SOIL GAS SURVEY AND SOIL SAMPLING LOCATIONS CARNEY STREET WELL FIELD



LEGEND

- SOIL GAS SURVEY POINT WITH CORRESPONDING HNU RESPONSE (ppm)
- SOIL GAS SAMPLE COLLECTED AND ANALYZED
- UNDERGROUND STORAGE TANK
- TREELINE
- A - DEEP MONITORING WELL - 205 FT. (Total Depth)
- B - SHALLOW MONITORING WELL - 23.75 FT. (Total Depth)
- C - INTERMEDIATE MONITORING WELL - 113.5 FT. (Total Depth)



SCALE: 1" = 40'

CROWH02 SITE.DWG

H2M GROUP

ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS
MELVILLE, N.Y.
TOTTEN, N.J.

Table 4-1
Investigation of Contaminated Aquifer Segment
City of Glen Cove
Nassau County, New York

*Carney Street Well Field Property
Soil Gas Survey Sampling Locations with
Corresponding HNu Responses*

August 30, 1991

Soil Gas Locations	Background	HNu Response	Soil Gas Locations	Background	HNu Response
1	0	1	23	0	0
2	0	1.2	24	0	0
3	0	0	25	0	0
4	0	1	26	0.2	2.8
5	0	0	27	0	0
6	0	0	28	0	1
7	0	2	29	0	0
8	0	0	30	0	1
9	0	0	31	0	0
10	0	0.6	32	0	0
11	0	0	33	0	0.5
12	0	15	34	0	0.2
13	0	0	35	0	2.0
14	0	0	36	0	0.2
15	0	0	37	0	0.8
16	0	0	38	0	0.5
17	1.5	0	39	0	0.4
18	0	0	40	0	1
19	0	0	41	0	0
20	0	0	42	0	1
21	0.2	2.8	43	0	0.5
22	1.0	0	44	0	1

Notes:

HNu response units in ppm, HNu equivalent units.

The soil gas survey results indicate that at 36 of the 44 sampling points, soil gas readings were less than 1 part per million (ppm) HNu response units. Soil gas survey point No. 12 indicated the highest HNu response at 15 ppm. A strong odor was present at this sampling location. Additional soil gas sampling locations bordering the western and eastern borders of the property reported slightly elevated responses on the HNu PID. The concentration levels reported near the western border (sampling point Nos. 21 and 26) ranged up to 2.8 ppm, while the concentration levels reported at the eastern border (sampling point Nos. 25 and 35) averaged 2.0 ppm.

The Petrex survey results corroborate with the HNu soil gas survey results in that relatively elevated concentration levels were identified along the western portion of the property north of the EMS garage for volatile halogenated organics. Tetra-chloroethene, trichloroethene and dichloroethene/trichloroethane were each identified.

Once the initial soil gas survey was completed, additional soil gas survey points were selected. The additional soil gas points were selected based upon the elevated concentrations reported during the initial survey. Five additional soil gas points were installed around point No. 12 (north of EMS garage). The concentration levels reported in these additional points ranged from 14 to 40 ppm. Fanning, Phillips and Molnar reported concentration levels in these points up to 120 ppm. No other elevated responses were reported in the areas of additional soil gas sampling points which were installed north and west of the water department control building.

4.8.2 Surface Soil Sampling

Once the results of the soil gas survey were completed, soil samples were collected from locations where the highest PID responses were detected. A total of six soil samples were collected at the Carney Street Well field property and were

submitted for laboratory analysis for volatile organic compounds (EPA Method 601/602). Figure 4-6 indicates soil sampling locations. All of the soil samples were split with Fanning, Phillips and Molnar.

Two soil samples (S-1 and S-2) were collected just north of the EMS garage, near soil gas survey point No. 12. These samples were collected from a depth of two to three feet. This area represented the highest PID responses reported during the soil gas survey. Strong odors were noted at these locations.

A soil sample was taken near the southern border of the facility, behind the EMS garage (S-3), between soil gas point Nos. 3 and 4. This sample was collected from a depth of two to three feet. This sample was collected and analyzed to determine soil conditions adjacent to the August Thomsen property located to the south.

The fourth soil sample was collected approximately 25 feet north of the Day Care Center entrance. This sample location is comparable to the soil sample collected by the NCDH (Sample #P-173) during its investigation of the site in 1988. Prior to collection of S-4, the field blank sample was collected by the process described earlier. Fanning, Phillips and Molnar split the field blank sample.

The fifth and sixth soil samples were collected within proximity of Cedar Swamp Creek, located at the northwest section of the property. Sample S-5 was collected near the property fence line, 12 feet east of the creek. This sample was collected from a depth of 2.5 to 3.0 feet and displayed a strong organic (blackish soil) odor. Soil sample S-6 was collected from the creek embankment approximately 20 feet north of S-5. This sample was collected from a depth of 1.5 to 2.0 feet. This sample location coincides with the location of sample No. 15 of a passive

soil gas sampling program conducted by Northeast Research
on August 21, 1991.

Table 4-2 provides a summary of the soil samples collected
and associated observations during sampling.

Table 4-2
Investigation of Contaminated Aquifer Segment
City of Glen Cove
Nassau County, New York

Carney Street Well Field Property
Soil Samples

Sample Pt.	Location	Remarks
S-1	Front of EMS garage bay door (soil gas pt. 12)	Sample collected beneath asphalt at a depth of 2 to 3 feet. HNu response range: 14 to 40 ppm. Petroleum odor. Sample was saturated.
S-2	Front of EMS garage bay door (soil gas pt. 12)	Sample collected beneath asphalt at a depth of 1.5 to 2.0 feet. HNu response range: 18 to 35 ppm. Petroleum odor. Sample was saturated.
S-3	South of EMS garage building (adjacent to August Thomsen property) (soil gas pts. 3 & 4)	Sample collected beneath asphalt at a depth of 2.0 to 3.0 feet. No HNu response. Sample was dry.
S-4	Front of Day Care Center in parking lot (soil gas pt. 29)	Sample collected beneath asphalt at a depth of 2.0 to 3.0 feet. Sample is comparable location to NCDH sample P-173. A field blank from the bucket auger prior to sample collection. No HNu response. Sample was dry.
S-5	Near fence line of Cedar Swamp Creek; low-lying area (1) (south of Petrex sample #15)	Sample collected at a depth of 2.5 to 3.0 feet. Strong organic odor. Collected at low-lying area near creek. No HNu response. Sample was dry.
S-6	(1) Petrex sample #15 location within Cedar Swamp Creek embankment	Sample collected one foot above creek in the same location as Petrex sample #15. Collected at 1.5 to 2.5 feet. No HNu response. Sample was dry.

Notes:

- (1)- A passive soil gas collection and analysis program known as a Petrex Survey was conducted independent of the source area investigation by Northeast Research Institute during August 1991.

5.0 Soil and Groundwater Analytical Data

As described previously, the soil and groundwater samples collected as part of the source area investigations were collected and analyzed by H2M Labs, Inc. for TCL volatile organic compounds according to CLP procedures NYSDEC 989 ASP. Copies of the complete analytical data reports and chain-of-custody forms are bound separately. Field sampling record sheets for groundwater sampling are included in Appendix A. Appendix B includes summary laboratory data. A separate discussion is presented below for the surficial soils, monitoring well borehole soils and groundwater analytical data.

5.1 Soil Samples

Surficial soil samples were collected on the basis of the soil gas survey results, as well as areas where the handling or storage of hazardous materials had occurred. On this basis, these soil samples may be indicative of source areas present in the shallow unsaturated zone at each property. Soil samples were also collected during monitoring well installation based upon elevated PID response or at the water table interface with the unsaturated zone. Monitoring well locations were selected on the basis of the analytical results of the soil sampling and groundwater flow direction. The soil samples collected from within the monitoring well boreholes are representative of conditions at that location and in some cases are located either in proximity or up/down gradient of identified on-site source areas of volatile organic contamination.

No formal NYSDEC standards exist for volatile organic compounds in soils. However, since volatile organic compounds are not naturally occurring, the presence of these compounds in soils can be attributed to a release or discharge of volatile organic compounds. The soil analytical data is presented below relative to each property, with a description of the volatile organic compounds quantified and their respective concentrations.

Copies of the raw analytical data are attached as separate documents.

5.2 Soil Sample Analytical Data

Analytical testing of soil samples quantified the presence of numerous source areas of volatile organic contamination (both halogenated and non-halogenated compounds) at all of the four properties investigated. The highest concentrations of volatile organics were reported at soil samples collected from areas of known hazardous waste storage/handling or in areas affected due to known or suspected past discharges.

5.2.1 Pall Corporation

Volatile organic contamination was quantified at six out of eight soil samples collected based on the soil gas survey conducted at the Pall Corporation property. A summary of the quantified parameters are presented in Table 5-1. The following compounds were quantified with respective location and maximum concentrations indicated in parentheses. Acetone (74 $\mu\text{g/kg}$ at P-2), tetrachloroethene (1000 $\mu\text{g/kg}$ at P-6), toluene (110 $\mu\text{g/kg}$ at P-4), ethylbenzene (29 $\mu\text{g/kg}$ at P-4), trichloroethene (40 $\mu\text{g/kg}$ at P-6), cis/trans-1,2-dichloroethene (240 $\mu\text{g/kg}$ at P-6). The highest concentrations of volatile organic compounds were quantified at locations P-4 and P-6 with total respective volatile organic concentrations of 231 and 1320 $\mu\text{g/kg}$. The location of soil sample P-4 is representative of an area historically used for the handling and storage of hazardous materials at Pall Corporation. The location of soil sample P-6 is representative of an area outside a maintenance door and probably within the area associated with possible incidental spills.

Elevated concentrations of tentatively identified volatile organic compounds (TICs) were quantified at soil sample locations P-2 and P-4 with lower concentrations at P-6 and P-7. These compounds include unknown hydrocarbons, unknown cyclic compounds,

Table 5-1
Investigation of Contaminated Aquifer Segment
City of Glen Cove
Nassau County, New York

Pall Corporation
Volatile Organics Quantified in Soil Samples

November 27, 1991

Parameter	P-1 (3)	P-2 (38)	P-3 (43)	P-4 (30)	P-5 (27)	P-6 (26)	P-7 (25)	P-8 (46)	Field Blank	Trip Blank
Acetone	ND	74/48J	22	35J	ND	40J	ND	47	ND	ND
Tetrachloroethane	ND	ND/ND	ND	57	110	1000	ND	ND	ND	ND
Toluene	ND	ND/ND	ND	110	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND/ND	ND	29	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND/ND	ND	ND	17	40	ND	ND	ND	ND
cis/trans 1,2-Dichloroethene	ND	ND/ND	ND	ND	ND	240	ND	ND	ND	ND
Total Volatile Organics	ND	74/48J	22	231	127	1320	ND	47	ND	ND
Tentatively Identified Compounds (Total Unknown)	ND	5140/11050	ND	16060	ND	250	1080	ND	ND	ND

Notes:

All results reported in ug/kg

ND - Not detected above quantification limit.

J - Estimated value.

unknowns and cyclohexane. These compounds may be related to the presence of waste petroleum products and related compounds.

Similar volatile organic compounds were quantified at the monitoring well borehole soil samples as summarized in Table 5-2. Acetone was quantified at MW-2P, 3P and 4P at concentrations ranging from 29 to 71 $\mu\text{g/l}$. Tetrachloroethene was reported at MW-5P at a concentration of 30 $\mu\text{g/kg}$. Toluene was quantified at concentrations ranging from 18 to 210 $\mu\text{g/kg}$ at MW-3P to MW-5P. 1,1,-Dichloroethane was reported at 13 $\mu\text{g/kg}$ at MW-3P, and at an estimated concentration of 4 $\mu\text{g/kg}$ at MW-4P. MW-4P had a total concentration of 1600 $\mu\text{g/kg}$ TICs. Ethylbenzene, chlorobenzene, xylene and 1,2-dichloroethene (total) were reported as elevated at MW-5P with respective concentrations of 600, 740, 4400, and 75 $\mu\text{g/kg}$. MW-5P had a total targeted volatile organic concentration of 6,055 $\mu\text{g/kg}$ and 45,000 $\mu\text{g/kg}$ of tentatively identified compounds (TICs).

5.2.2 Slater Electric

Volatile organic contamination was quantified at four out of eight soil samples collected as a result of the soil gas survey at the Slater Electric property. A summary of the quantified parameters are presented in Table 5-3. The following compounds were quantified with respective location and maximum concentrations indicated in parentheses: acetone (68 $\mu\text{g/kg}$ at S-1), tetrachloroethene (2300 $\mu\text{g/kg}$ at S-4) and methylene chloride (7 $\mu\text{g/kg}$ at S-1). The presence of methylene chloride may be attributed to laboratory contamination as evidenced by its occurrence in the field blank sample at a concentration of 3 $\mu\text{g/kg}$. The highest concentration of volatile organic compounds was quantified at location S-4, with a total volatile organic concentration of 2352 $\mu\text{g/kg}$. The location of soil sample S-4 is representative of an area historically used on-site for the handling and storage of hazardous materials.

Table 5-2
Investigation of Contaminated Aquifer Segment
City of Glen Cove
Nassau County, New York

Pall Corporation
Volatile Organics Quantified in Monitoring Well Borehole Soil Samples

January 17, 22 & 23, 1992

Parameter	MW-2P (2'-4')	MW-3P (2'-4')	MW-4P (1'-3')	MW-5P (4'-6')	Field Blank	Trip Blank
Acetone	30	71	29	ND	ND	ND
Tetrachloroethene	ND	ND	ND	30	ND	ND
Toluene	ND	18	24	210	ND	ND
1,1-Dichloroethane	ND	13	4J	ND	ND	ND
Ethylbenzene	ND	16	ND	600	ND	ND
Chlorobenzene	ND	ND	ND	740	ND	ND
Xylene	ND	170	ND	4400 EJ	ND	ND
1,2-Dichloroethene (Total)	ND	ND	40	75	ND	ND
Total Volatile Organics	30	288	97	6055	ND	ND
Tentatively Identified Compounds (Total Unknown)	8J	ND	1600J	45000J	ND	ND

Notes:

All results reported in ug/kg

ND - Not detected above quantification limit.

J - Estimated value.

E - Concentration outside the calibration range of the analysis.

Table 5-3
Investigation of Contaminated Aquifer Segment
City of Glen Cove
Nassau County, New York

Slater Electric
Volatile Organics Quantified in Soil Samples

December 16, 1991

Parameter	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	Field Blank	Trip Blank
Methylene Chloride	7	ND	ND	ND	ND	ND	ND	ND	3BJ	1BJ
Acetone	68	ND	ND	52J	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	2300E	19	ND	ND	14	ND	ND
Total Volatile Organics	75	ND	ND	2352	19	ND	ND	14	3	1BJ
Tentaively Identified Compounds	57	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

All results reported in ug/kg

ND - Not detected above quantification limit.

J - Estimated value.

B - Compounds present in blank sample.

E - Concentration outside the calibration range of the analysis.

No TICs were quantified at the soil sample locations except at S-1 at a total concentration of 57 $\mu\text{g/kg}$. Trichloroethene and tetrachloroethene were quantified at the monitoring well borehole MW-3S (6'-8') at respective concentrations of 30 and 19 $\mu\text{g/l}$, as summarized in Table 5-4.

5.2.3 August Thomsen

Volatile organic contamination was quantified at one of the four soil samples collected based on the soil gas survey results at the August Thomsen property. A summary of the quantified parameters is presented in Table 5-6. The following compounds were quantified with respective location and concentration indicated in parentheses: tetrachloroethene (8 $\mu\text{g/kg}$ at SGP #33) and methylene chloride (5 $\mu\text{g/kg}$ in field blank as a laboratory contaminant). The location of soil sample SGP #33 is along the northwest side (rear) of the main building.

Elevated concentrations (2414 $\mu\text{g/kg}$) of total TICs were quantified at SGP #31 as detailed in Table 5-5. These compounds include unknown hydrocarbons, unknown cyclic compounds and total unknowns. This location is part of the August Thomsen property that was once utilized by the City of Glen Cove during the operation of the Carney Street Well Field. These compounds may be related to the presence of waste petroleum products and related compounds.

Soil samples collected from both of the monitoring well boreholes (MW-1A and 2A) also contained elevated concentrations of volatile organic compounds as listed in Table 5-6. Acetone was quantified at MW-1A and 2A at concentrations ranging from 25 to 34 $\mu\text{g/kg}$. Vinyl Chloride was present at an estimated concentration of 6 $\mu\text{g/kg}$ at MW-2A. Tetrachloroethene was reported at MW-2A at a concentration of 43 $\mu\text{g/kg}$. Trichloroethene was reported at MW-2A at a concentration of 6

Table 5-4
Investigation of Contaminated Aquifer Segment
City of Glen Cove
Nassau County, New York

Slater Electric
Volatile Organic Compounds Quantified in
Monitoring Well Borehole Soils

January 28, 1992

Parameter	MW-1S (6'-8')	MW-2S	MW-3S (6'-8')	Field Blank	Trip Blank
Trichloroethene	ND	ND	30	ND	ND
Tetrachloroethene	ND	ND	19	ND	ND
Total Volatile Organics	ND	ND	49	ND	ND
Tentatively Identified Compounds (Total Unknowns)	ND	ND	ND	9J	5J

Notes:

All results reported in ug/kg

J - Estimated value.

ND - Not detected.

Table 5-5
Investigation of Contaminated Aquifer Segment
City of Glen Cove
Nassau County, Ne York

August Thomsen
Volatile Organics Quantified in Soil Samples

November 25, 1991

Parameter	SGP #5	SGP #31	SGP #33	SGP #37	Field Blank	Trip Blank
Tetrachloroethene	ND	ND	8	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	5	ND
Total Volatile Organics	0	0	8	0	5	0
Total Tentatively Identified Compounds	ND	2414	ND	ND	ND	10

Notes:

All results reported in ug/kg

ND - Not detected above quantification limit.

Table 5-6
Investigation of Contaminated Aquifer Segment
City of Glen Cove
Nassau County, New York

August Thomsen
Volatile Organics Quantified in
Monitoring Well Borehole Soil Samples

January 23, 1992

Parameter	MW-1A	MW-2A	Field Blank	Trip Blank
Acetone	34	25	ND	ND
Vinyl Chloride	ND	6J	ND	ND
Tetrachloroethene	ND	43	ND	ND
Trichloroethene	ND	6	ND	ND
2-Butanone	9J	ND	ND	ND
Toluene	8	3J	ND	ND
1-2,Dichloroethene	ND	10	ND	ND
Xylene	ND	36	ND	ND
Total Volatile Organics	51	129	ND	ND
Tentively Identified Compounds (Total Unknowns)	ND	845J	179J	40J

Notes:

All results reported in ug/kg

ND - Not detected above quantification limit.

J - Estimated value.

µg/kg. 2-Butanone was reported at MW-1A at an estimated concentration of 9 µg/kg. Toluene was quantified in concentrations ranging from 3 to 8 µg/kg at MW-2A to MW-1A. 1,2-Dichloroethene was present at 10 µg/kg at MW-2A. Xylene was reported at MW-2A at a concentration of 36 µg/kg. The highest total volatile organic concentration was reported at MW-2A at 129 µg/kg.

Tentatively identified compounds were also quantified at the monitoring well borehole soil samples. At MW-2A, total TIC's were estimated at a concentration of 845 µg/kg, however, some laboratory contamination is evident as TIC concentrations of 179 and 40 µg/kg were present in the field and trip blank samples, respectively.

5.2.4 - Man Products

Volatile organic contamination was quantified at two out of the five soil samples collected during the soil gas survey at Man Products. A summary of the quantified parameters is presented in Table 5-7. The following compounds were quantified with respective location and maximum concentrations indicated in parentheses: methylene chloride (4J µg/kg at P-21), chloroform (2J µg/kg at P-21), benzene (2J at P-21), acetone (11J µg/kg at P-28), ethylbenzene (1300 µg/kg at P-28) and xylene (29,000 µg/kg at P-28). The highest concentration of volatile organic compounds was quantified at P-28 with a total of 30,311 µg/kg quantified. The location of soil sample P-28 is the south face of the building (backside), adjacent to a door opening into the manufacturing operation.

Elevated concentrations (11,290/1,840,000 µg/kg) of tentatively identified compounds were quantified at P-28. These compounds include unknown hydrocarbons, unknown alkalies and other miscellaneous TICs. From visual observation, the soil sampling and surrounding area was stained and contained evidence of paint/waste oil disposal.

Table 5-7
Investigation of Contaminated Aquifer Segment
City of Glen Cove
Nassau County, New York

Man Products
Volatile Organics Quantified in Soil Samples

December 6, 1991

Parameter	P-21	P-25	P-28	P-30	P-32	Field Blank	Trip Blank
Methylene Chloride	4(J)	ND	ND	ND	ND	ND	ND
Chloroform	2(J)	ND	ND	ND	ND	ND	ND
Benzene	2(J)	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	11(J)	ND	ND	ND	ND
Ethylbenzene	ND	ND	1300	ND	ND	ND	ND
Xylene (Total)	ND	ND	29,000	ND	ND	ND	ND
Total Volatile Organics	8(J)	ND	30,311	ND	ND	ND	ND
Tentatively Identified Compounds (Total Unknowns)	ND	ND	11,290/1,840,000	ND	ND	ND	ND

Notes:

All results reported in ug/kg

ND - Not detected above quantification limit.

(J) - Estimated value.

No volatile organic compounds were quantified in the one monitoring well borehole sample (MW-1A) collected for laboratory analysis.

5.2.5 Carney Street Well Field

The six soil samples were collected and analyzed by H2M Labs, Inc. for volatile organics by EPA Method 601/602. Analytical data for the soil samples are reported in Table 5-8.

Four (S-1, S-2, S-4 and S-6) of the six soil samples were impacted by volatile organic compounds. Samples S-1 and S-2, collected in front of the EMS garage, were predominantly impacted by non-halogenated organic compounds. At S-1, 14,000 $\mu\text{g/kg}$ of 1,4-xylene, 12,000 $\mu\text{g/kg}$ of 1,3-xylene and 8,300 $\mu\text{g/kg}$ of ethylbenzene were quantified. A halogenated volatile organic, tetrachloroethene, was also detected at S-1 at a concentration of 240 $\mu\text{g/kg}$.

At sample S-2, similar impact was reported with higher concentrations of contaminants. 1,4-xylene was reported at 43,000 $\mu\text{g/kg}$, 1,3-xylene was reported at 31,000 $\mu\text{g/kg}$ and ethylbenzene was reported at 25,000 $\mu\text{g/kg}$. The presence of these non-halogenated organics indicates contamination due to petroleum products such as gasoline. The presence of tetrachloroethene at 240 $\mu\text{g/kg}$ is probably unrelated to a gasoline release and may be from a release of other solvents at the site.

Analytical testing of soil sample S-3, located behind the EMS garage, did not report any volatile organic contamination above the quantification limit.

Soil sample S-4, which was collected 25 feet north of the entrance to the Day Care Center from beneath asphalt, reported elevated concentrations of several halogenated volatile organics. No elevated responses were reported during the soil gas survey,

Table 5-8

Investigation of Contaminated Aquifer Segment

City of Glen Cove

Nassau County, New York

Carney Street Well Field Property

Volatile Organics Quantified in Soil Samples

August 30, 1991

Parameter	S-1	S-2	S-3	S-4	S-5	S-6	Field Blank	Trip Blank
1,2-Dichloroethene	ND	ND	ND	310	ND	230	ND	ND
Trichloroethene	ND	ND	ND	180	ND	84	ND	ND
Tetrachloroethene	240	ND	ND	810	ND	230	8	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	34	ND
Ethylbenzene	8,300	25,000	ND	ND	ND	ND	ND	ND
1,3-Xylene	12,000	31,000	ND	ND	ND	ND	ND	ND
1,4-Xylene	14,000	43,000	ND	ND	ND	ND	ND	ND
Total Volatile Organics	34,540	99,000	0	1,300	0	544	42	

Notes:

All Results in ug/kg unless otherwise indicated.

ND - Not detected above quantification limit.

NA - Not applicable

but a soil sample was collected based upon the elevated analytical results of a NCDH soil sample (P-173) collected from this area in 1988. The analytical results of S-4 reported concentrations of trans-1,2-dichloroethene at 310 $\mu\text{g/kg}$, trichloroethene at 180 $\mu\text{g/kg}$ and tetrachloroethene at 810 $\mu\text{g/kg}$. These results confirm the 1988 NCDH analytical data showing soil contamination due to halogenated volatile organics in this area.

Analytical testing of soil sample S-5, located near the fence property line north of the facility, did not report any volatile organic contamination above the quantification limit. The analytical results for S-6, however, reported similar contaminants to those quantified on site at the S-4 location. The halogenated solvents, trans-1,2-dichloroethene, trichloroethene and tetrachloroethene, were reported at this location with analytical results reported at 230, 84 and 230 $\mu\text{g/kg}$, respectively.

These halogenated compounds are the same compounds responsible for the abandonment of the supply wells.

5.3 Groundwater Analytical Data

Twelve monitoring wells (eleven newly installed and one existing) were sampled on February 6 & 7, 1992 and submitted for volatile organic analysis. Three existing wells (MW 1, 3 and 9) at Photocircuits were sampled in December 1991 and the analytical data was used in the assessment of groundwater conditions.

Elevated concentrations of volatile organic compounds (both halogenated and non-halogenated compounds) were reported at ten out of the twelve groundwater sampling locations sampled in February, 1992. Results are tabulated in Tables 5-9 through 5-12. As discussed in Section 2.0, groundwater flow direction is to the north-northwest. As such, the discussion of volatile organics

Table 5-9
Investigation of Contaminated Aquifer Segment
City of Glen Cove
Nassau County, New York

Volatile Organics Quantified in Groundwater
Source Area Investigation
February 6 and 7, 1992

Pall Corporation

Parameters	Well# 1P	Well# 2P/2PDL	Well# 3P/3PDL	Well# 4P	Well# 5P/5PDL	Field Blank	Trip Blank
Halogenated							
Vinyl Chloride	7J	130/110J	120/100D	110	590E/840JD	ND	ND
Methylene Chloride	1BJ	2BJ/28BJ	3BJ/7BJD	2BJ	2BJ/ND	2BJ	2BJ
1,1-Dichloroethene	2J	22/ND	6/ND	ND	7/ND	ND	ND
1,1-Dichloroethane	11	33/ND	13/11JD	8	10/ND	ND	ND
1,2-Dichloroethene	25	620E/2500	380E/480D	140	670E/3400D	ND	ND
1,2-Dichloroethane	ND	ND/ND	ND/ND	ND	ND/ND	ND	ND
1,1,1-Trichloroethane	1J	4J/ND	ND/ND	ND	ND/ND	ND	ND
Trichloroethene	12	340E/480	65/57D	19	520E/1600D	ND	ND
Chlorobenzene	ND	ND/ND	3J/ND	ND	ND/ND	ND	ND
Chloroform	ND	ND/ND	ND/ND	ND	ND/ND	ND	ND
Tetrachloroethene	ND	85/90J	24/18JD	18	400E/880JD	ND	ND
Non-Halogenated							
Acetone	ND	ND/ND	75B/74BD	6BJ	ND/ND	ND	ND
Benzene	ND	2J/ND	4/ND	1	ND/ND	ND	ND
Toluene	ND	ND/ND	5/ND	2J	3J/ND	ND	ND
Ethylbenzene	ND	ND/ND	4J/ND	ND	ND/ND	ND	ND
Styrene	ND	ND/ND	3J/ND	ND	ND/ND	ND	ND
Xylene (Total)	ND	3/ND	22/ND	4J	5J/ND	ND	ND
Total Volatiles	59	1241/3208	727/747	310	2207/6720	2	2
TIC (Totals)	ND	605/700J	1124J/279	30J	1250J/ND	ND	ND

Notes:

DL Sample was diluted due to levels of targeted compounds
exceeding the calibration range

ND Not detected above the instrument quantification limit

J Indicates an estimated value

B Analyte is found in blank as well as sample

E Compounds whose concentrations are outside the calibration range of analysis

D Compounds identified in an analysis at a secondary dilution factor

TIC Tentatively identified compounds

Table 5-10
Investigation of Contaminated Aquifer Segment
City of Glen Cove
Nassau County, New York

*Volatile Organics Quantified in Groundwater
Source Area Investigation
February 6 and 7, 1992*

Enal/Pass & Seymour (Slater Electric)

Parameters	Well# 1S	Well# 2S	Well# 3S	Field Blank	Trip Blank
Halogenated					
Vinyl Chloride	ND	ND	ND	ND	ND
Methylene Chloride	2BJ	2BJ	2BJ	2BJ	2BJ
1,1-Dichloroethene	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND
1,2-Dichloroethene	3J	ND	21	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND
Trichloroethene	3J	ND	100	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND
Tetrachloroethene	150	ND	13	ND	ND
Non-Halogenated					
Acetone	3BJ	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND
Styrene	ND	ND	ND	ND	ND
Xylene (Total)	ND	ND	ND	ND	ND
Total Volatiles	161	2	136	2	2
TIC (Totals)	6BJ	ND	ND	ND	ND

Notes:

DL Sample was diluted due to levels of targeted compounds
exceeding the calibration range

ND Not detected above the instrument quantification limit

J Indicates an estimated value

B Analyte is found in blank as well as sample

E Compounds whose concentrations are outside the calibration range of analysis

D Compounds identified in an analysis at a secondary dilution factor

TIC Tentatively identified compounds

Table 5-11
 Investigation of Contaminated Aquifer Segment
 City of Glen Cove
 Nassau County, New York

Volatile Organics Quantified in Groundwater
Source Area Investigation
February 6 and 7, 1992

August Thomsen

Parameters	Well # 1A/1ADL	Well# 2A/2ADL	Field Blank	Trip Blank
Halogenated				
Vinyl Chloride	130/110	180/150D	ND	ND
Methylene Chloride	2BJ/23BJD	20J/8BJD	2BJ	2BJ
1,1-Dichloroethene	9/ND	6/ND	ND	ND
1,1-Dichloroethane	15/14JD	3J/15JD	ND	ND
1,2-Dichloroethene	380E/480D	450E/620D	ND	ND
1,2-Dichloroethane	ND/ND	ND/ND	ND	ND
1,1,1-Trichloroethane	16/ND	3J/ND	ND	ND
Trichloroethene	320E/380D	65/67D	ND	ND
Chlorobenzene	ND/ND	ND/12JD	ND	ND
Chloroform	ND/ND	28/29D	ND	ND
Tetrachloroethene	320E/410D	160/160D	ND	ND
Non-Halogenated				
Acetone	ND/ND	ND/ND	ND	ND
Benzene	2J/ND	ND/8JD	ND	ND
Toluene	ND/ND	ND/12JD	ND	ND
Ethylbenzene	ND/ND	ND/13JD	ND	ND
Styrene	ND/ND	ND/10JD	ND	ND
Xylene (Total)	ND/ND	ND/39D	ND	ND
Total Volatiles	1194/1417	915/1143	2	2
TIC (Totals)	66J/50J	225J/190J	ND	ND

Notes:

DL Sample was diluted due to levels of targeted compounds
exceeding the calibration range

ND Not detected above the instrument quantification limit

J Indicates an estimated value

B Analyte is found in blank as well as sample

E Compounds whose concentrations are outside the calibration range of analysis

D Compounds identified in an analysis at a secondary dilution factor

TIC Tentatively identified compounds

Table 5-12
 Investigation of Contaminated Aquifer Segment
 City of Glen Cove
 Nassau County, New York

Volatile Organics Quantified in Groundwater
Source Area Investigation
February 6 and 7, 1992

Man Products

Parameters	Well# 1M	Well# 2M	Field Blank	Trip Blank
Halogenated				
Vinyl Chloride	ND	ND	ND	ND
Methylene Chloride	2BJ	2BJ	2BJ	2BJ
1,1-Dichloroethene	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND
1,2-Dichloroethene	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND
Non-Halogenated				
Acetone	ND	5BJ	ND	ND
Benzene	ND	2J	ND	ND
Toluene	ND	ND	ND	ND
Ethylbenzene	ND	86	ND	ND
Styrene	ND	ND	ND	ND
Xylene (Total)	ND	190	ND	ND
Total Volatiles	2	258	2	2
TIC (Totals)	ND	1,528	ND	ND

Notes:

DL Sample was diluted due to levels of targeted compounds
exceeding the calibration range

ND Not detected above the instrument quantification limit

J Indicates an estimated value

B Analyte is found in blank as well as sample

E Compounds whose concentrations are outside the calibration range of analysis

D Compounds identified in an analysis at a secondary dilution factor

TIC Tentatively identified compounds

contamination in groundwater is presented with a comparison of upgradient to downgradient concentrations.

Because of the shallow depth of monitoring wells, only the groundwater quality relative to the water table portion of the Upper Glacial aquifer was evaluated. The relationship of the volatile organic impact quantified in the shallow unsaturated soil zone overlying the groundwater aquifer is also evaluated.

5.3.1 Upgradient Groundwater Quality

Monitoring wells MW-3 and 9 located along Sea Cliff Avenue on Photocircuits Corporation's property were utilized to provide upgradient groundwater quality data for the evaluation of downgradient areas in the Sea Cliff Industrial Area. Both historic and recent analytical data (December 1991) from monitoring wells No. 3 and 9 were compared relative to downgradient monitoring wells installed on Pall Corporation and August Thomsen's properties. Additionally, some of the wells located on Pall Corporation's property are upgradient of August Thomsen.

Monitoring wells MW-3 and 9 reported the presence of low level concentrations of several halogenated volatile organic compounds. Specifically, 1,2-dichloroethene (total) (21 µg/l) and trichloroethene (29 µg/l) were quantified at MW-3 with 1,1-dichloroethene (6 µg/l), 1,1-dichloroethane (19 µg/l), 1,2-dichloroethene (79 µg/l) and 1,1,1-trichloroethane (12 µg/l), trichloroethene (59 µg/l) and tetrachloroethene (8 µg/l) reported at MW-9.

5.3.2 Downgradient Groundwater Quality

The volatile organic compounds quantified in the downgradient monitoring wells are discussed below with respective monitoring location and highest concentrations indicated in parentheses. Vinyl chloride (480JD µg/l at MW-5P), methylene chloride (28BJ µg/l at MW-2PDL), acetone (75B µg/l at MW-3P),

1,1-dichloroethene (22 $\mu\text{g/l}$ at MW-2P), 1,1-dichloroethane (33 $\mu\text{g/l}$ at MW-2P), 1,2-dichloroethane (3,400D $\mu\text{g/l}$ at MW-5PDL), 1,1,1-trichloroethane (16 $\mu\text{g/l}$ at MW-1A), trichloroethene (1600D $\mu\text{g/l}$ at MW-5PDL), benzene (8JD $\mu\text{g/l}$ at MW-2ADL), chloroform (29D $\mu\text{g/l}$ at MW-2ADL), tetrachloroethene (880JD $\mu\text{g/kg}$ at MW-5PDL), toluene (12JD $\mu\text{g/l}$ at MW-2JD), chlorobenzene (12JD $\mu\text{g/l}$ at MW-2ADL), ethylbenzene (86 $\mu\text{g/l}$ at MW-2M) and xylene (total) (190 $\mu\text{g/l}$ at MW-2M).

The highest concentrations of total volatile organic compounds were quantified at monitoring well locations MW - 1A, 2A, 2P, 3P and MW-5P, at respective concentrations of 1194/1467, 915/1143, 1241/3208, 727/747 and 2207/6720 $\mu\text{g/l}$. MW-2P, 3P and 5P are located on Pall Corporation's property with MW-1A and 2A located adjacent on August Thomsen's property. MW-2P is situated adjacent to an area of previous wastewater discharge, MW-3P and MW-5P are located adjacent and downgradient of storage and handling of hazardous materials. MW-1A and 2A are located on August Thomsen's property which used to be occupied by Pall Corporation and partially by the City of Glen Cove.

Elevated concentrations of tentatively identified compounds (TICs) were also quantified at many of the same monitoring well locations.

5.4 Groundwater Sampling at Photocircuits

On December 6, 1991, groundwater samples were obtained from 10 of the 11 monitoring wells located at the Photocircuits facility. These samples were split with representatives of C.A. Rich Consultants, the technical consultants for Pall Corporation.

The results of the analytical testing are summarized in Table 5-13. These results indicate that the most elevated levels of volatile organic compounds are present at well MW-7. This well is located in the vicinity of Photocircuits current chemical

Table 5-13
Investigation of Contaminated Aquifer Segment
City of Glen Cove
Nassau County, New York

Photocircuits
Volatile Organics Quantified in Groundwater
December 6, 1991

Parameter	MW-2	MW-2DL	MW-3	MW-4	MW-5	MW-6	MW-7	MW-7DL	MW-8	MW-9	MW-10	MW-11	Trip Blank	Field Blank
Methylene Chloride	5J	ND	ND	ND	5B	ND	100	490BD	ND	ND	ND	ND	4BJ	4BJ
1,1-Dichloroethene	210E	140D	ND	ND	20	5J	260E	190JD	ND	6	ND	9	ND	ND
1,1-Dichloroethane	310E	260D	ND	ND	4J	31	2900E	3400D	14	19	6	16	ND	ND
1,2-Dichloroethene (Total)	72	60D	21	4J	65	9	36	ND	75	79	32	86	ND	ND
1,2-Dichloroethane	4J	ND	ND	ND	ND	ND	47	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	510E	340D	ND	ND	32	18	2600E	2100D	3J	12	ND	16	ND	ND
Trichloroethene	57	43D	29	3J	59	ND	11	ND	4J	59	30	79	ND	ND
Tetrachloroethene	8	ND	ND	ND	66	ND	35	ND	ND	8	ND	8	ND	ND
Chloroethane	ND	ND	ND	ND	ND	10	1300E	1000D	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	470E	230JD	49	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND	26	ND	ND	ND	ND	74	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	3J	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND	ND	170	ND	ND	ND	ND	62	ND	ND
Benzene	ND	ND	ND	ND	ND	ND	5J	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	29	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	ND	ND
Total Volatile Organics	1176	843	50	7	251	73	7992	7410	160	183	68	364	4	4

Notes:

All results in ug/kg

D - Identified in analysis at a secondary dilution factor.

E - Compounds whose concentrations are outside the calibration range of the analysis.

J - Estimated value.

B - Analyte is also present in the blank.

ND - Not detected above the quantification limit.

waste storage area and the general location above chemical storage has historically been located at the site.

The compounds with the highest concentration was 1,1-dichloroethane (3,400 $\mu\text{g/l}$) followed by 1,1,1-trichloroethane (2,100 $\mu\text{g/l}$) and chloroethane (1,000 $\mu\text{g/l}$). These are not the primary compounds of concern in the abandonment of the Carney Street Well Field.

5.5 Relationship Between Soil Samples and Groundwater Quality

A comparison of the soil quality analytical data and the groundwater quality analytical data was performed. The relationship of the volatile organic compounds quantified in soil and the presence of these same compounds in groundwater at similar or lower concentrations provides a correlation between on-site source areas and impact to the underlying groundwater aquifer. On the basis of the relationships established, source areas of volatile organic contamination exist at all five of the properties investigated, some of which have multiple areas of volatile organic contamination. A description of the relationships observed is provided below.

At Pall Corporation property, soil sample locations P-5 and P-6 indicated impact due to elevated concentrations of tetrachloroethene and breakdown products. MW-2P, downgradient of these soil sampling locations contained elevated concentrations of similar volatile organic compounds. Soil sample P-4, in close proximity to MW-3P, indicated elevated tetrachloroethene and toluene.

At the Slater Electric property, a strong correlation exists between S-4 and MW-1S with elevated concentrations of tetrachloroethene in soils and groundwater.

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At August Thomsen, analytical data from soil samples at the MW-2A borehole and associated groundwater quality data obtained from this monitoring location indicate that elevated concentrations of tetrachloroethene are present in both media. A correlation in the TICs in SGP#31 and MW-2A groundwater quality also exists.

Monitoring well GC-3S installed by NCDH in 1989 showed concentrations of tetrachloroethene (3,700 $\mu\text{g/l}$), trichloroethene (500 $\mu\text{g/l}$) and 1,2-dichloroethene (1,300 $\mu\text{g/l}$). These are the same compounds found by H2M in the unsaturated zone immediately above the water table at this site.

6.0 Conclusions

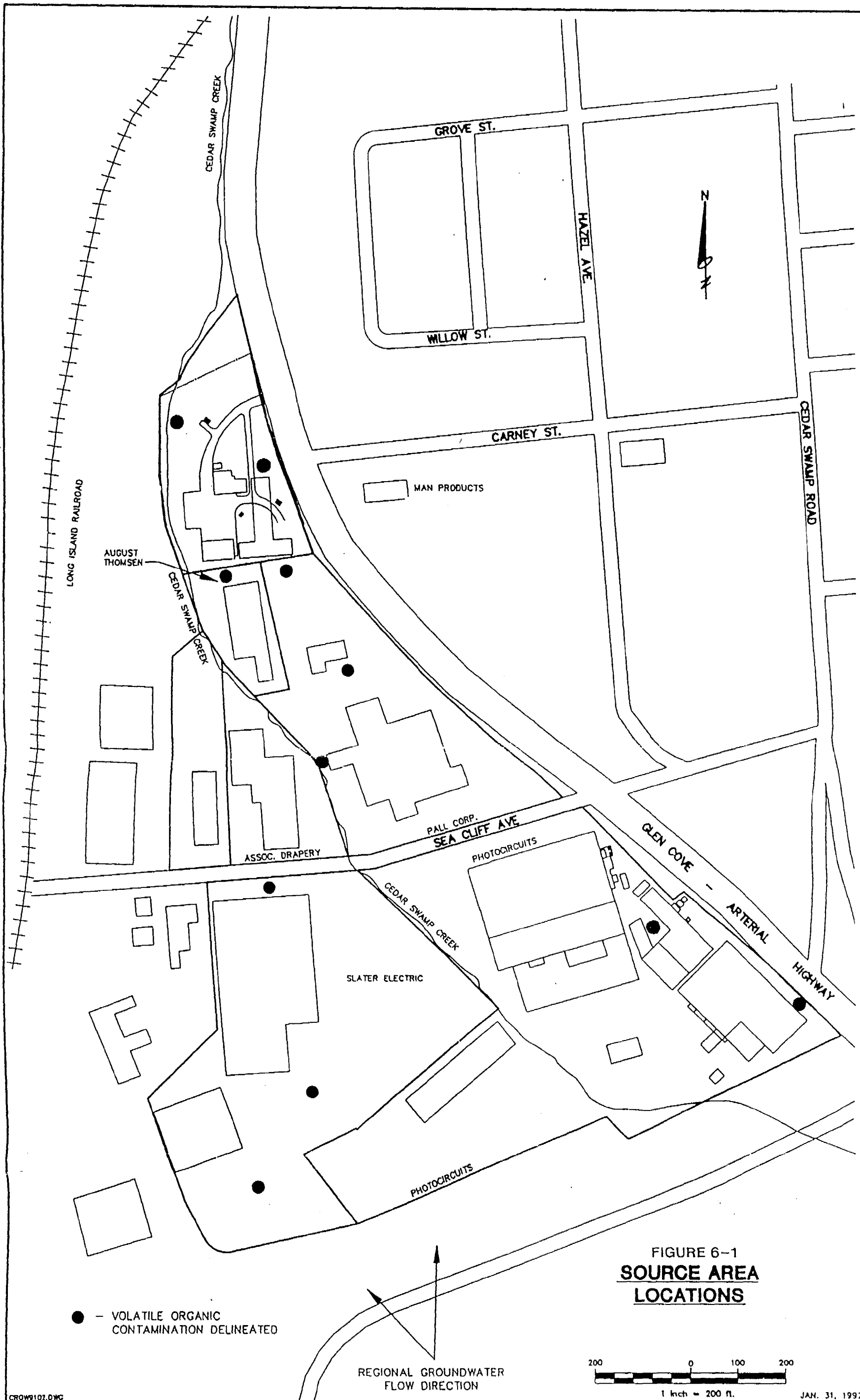
The presence of elevated concentrations of volatile halogenated organic compounds in soil samples taken from numerous locations at the five properties, many from beneath asphalt, is direct evidence of the presence of multiple source areas of halogenated organic contamination present in the Sea Cliff Industrial Area. Many of the organic compounds quantified, such as tetrachloroethene and trichloroethene and other breakdown products, are the identical components which were identified as impacting the former supply wells located at the Carney Street Well Field and causing their abandonment. The presence of these compounds in elevated concentrations in the unsaturated zone overlying the shallow groundwater aquifer indicates the obvious potential for impact to the aquifer and the former supply wells. Additionally, the relative concentration of these compounds in the soils and groundwater downgradient of confirmed source areas provides a cause and effect relationship between the five properties and groundwater contamination.

6.1 Source Areas

Analytical data developed during the implementation of the source area investigation at the five properties associated with the Sea Cliff Industrial Area provides verification of source areas of volatile organic contamination at each of the five properties. Figure 6-1 illustrates the general location of the source areas of volatile organic contamination. The specific source areas that have been identified at each site are discussed below.

6.1.1 Pall Corporation

Three areas of volatile organic contamination were quantified on-site at the Pall Corporation property. These areas are in the vicinity of MW-2P, MW-3P and MW-5P. The compounds found in highest concentrations in the soil and groundwater samples from these locations were generally tetrachloroethene, trichloroethene, and cis/trans 1,2-dichloroethene. There is also



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the likelihood of deeper contamination associated with the injection well at the Pall facility.

6.1.2 Slater Electric

Three areas of volatile organic contamination were quantified on-site at the Slater Electric property. These three areas are in the vicinity of MW-1S, S-8 and MW-3S. The compounds found in highest concentrations were tetrachloroethene and trichloroethene.

6.1.3 August Thompson

Two primary areas of volatile organic contamination were quantified on-site at the August Thompson property. These areas are in proximity to MW-1A and MW-2A. The primary compounds found were tetrachloroethene, trichloroethene, and cis/trans 1,2-dichloroethene.

6.1.4 Man Products

One primary area of volatile organic contamination probably associated with petroleum hydrocarbon spills, was quantified during the source area investigation. This area is in the vicinity of soil sampling location P-28 and was observed as physically stained and discolored due to waste material discharges. These compounds are not the compounds responsible for the abandonment of the Carney Street supply wells.

6.1.5 Carney Street Well Field

The presence of elevated concentrations of halogenated and non-halogenated organics in soil samples taken from different locations across the Well Field property, many from beneath asphalt, is direct evidence of the presence of multiple source areas of contamination at the Well Field property. The principal halogenated organic compounds quantified, were tetrachloroethene and trichloroethene. They are the identical components which were identified as impacting the former supply wells and causing

their abandonment. The presence of these compounds in elevated concentrations in the unsaturated zone overlying the shallow groundwater aquifer clearly indicates the potential for impact to the aquifer and the former supply wells.

6.1.6 Photocircuits

Two primary areas of volatile organic contamination are evident in the vicinity of wells MW-2 and MW-7. The principal compounds of concern at these locations are 1,1-dichloroethane, 1,1,1-trichloroethane, and chloroethane. These compounds are not the compounds responsible for the abandonment of the Carney Street Supply wells.

6.2 Relative Contributors to Contamination at the Carney Street Well Field

The relative contributions to contamination of the well field can be derived by comparing current concentrations of shallow groundwater contamination at each of the sites that were studied and considering the proximity of the sites to the well field. A summary of these findings in relation to the contamination that affected the well field is tabulated below.

This data indicates that the primary sources of contamination at the well field probably originate from the well field itself, Pall Corporation, and August Thompson. Not only do elevated concentrations of halogenated organics exist in close proximity to the supply wells, but the compounds of concern are identical to the compounds that resulted in the abandonment of the supply wells.

<u>Source Area</u>	<u>Approximate Distance To Supply Wells</u>	<u>Highest Groundwater Concentration of total volatiles-ppb (year data obtained)</u>	<u>Depth of Well</u>	<u>Primary Contaminants</u>
Carney Street Well Field (supply wells)	N.A.	730 (1985)	165 ft.	PCE, TCE, 1,2-DCE
Carney Street Well Field (shallow well)	60 ft.	5,519 (1989)	24 ft.	PCE, TCE, 1,2-DCE
Pall	140 ft.	6,720 (1992)	13 ft.	PCE, TCE, 1,2-DCE
August Thompson	360 ft.	1,417 (1992)	14 ft.	PCE, TCE, 1,2-DCE
Enal/Pass & Seymour	780 ft.	136 (1992)	20 ft.	PCE, TCE, 1,2-DCE
Photocircuits	1,200 ft.	7,410 (1992)	23 ft.	1,1,1-TCA, 1,1-DCA, Chloroethane

APPENDIX A
LABORATORY RESULTS

Pall Corporation
Soil and Groundwater
Laboratory Results

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

14
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MRCP

Lab Name: H2M

Contract: NYSDOE

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 008

Matrix: (soil/water) SOIL

Lab Sample ID: 9202513

Sample wt/vol: 5.100 (g/mL) G

Lab File ID: P8038

Level: (low/med) LOW

Date Received: 1/23/92

% Moisture: not dec. 13.

Date Analyzed: 1/23/92

Column: (pack/cap) CAP

Dilution Factor: .98

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	30.	
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
540-59-0-----	1,2-Dichloroethene (total)	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-98-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
1330-20-7-----	Xylene (total)	6.	U

S 0021

H2M LABS, INC.

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW2P

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 008

Matrix: (soil/water) SOIL

Lab Sample ID: 9202513

Sample wt/vol: 5.100 (g/mL) G

Lab File ID: P8038

Level: (low/med) LOW

Date Received: 1/23/92

% Moisture: not dec. 13.

Date Analyzed: 1/23/92

Column: (pack/cap) CAP

Dilution Factor: .98

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN	9.71	8.	J
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

S 0022

H2M LABS, INC.

575 Broad Hollow Road, Menville, NY 11744
(516) 694-3040 FAX: (516) 694-4122

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW3P24'

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 008

Matrix: (soil/water) SOIL

Lab Sample ID: 9202266

Sample wt/vol: 4.300 (g/mL) G

Lab File ID: P8032

Level: (low/med) LOW

Date Received: 1/22/92

% Moisture: not dec. 22.

Date Analyzed: 1/23/92

Column: (pack/cap) CAP

Dilution Factor: 1.16

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	-----Chloromethane	15.	U
74-83-9	-----Bromomethane	15.	U
75-01-4	-----Vinyl Chloride	15.	U
75-00-3	-----Chloroethane	15.	U
75-09-2	-----Methylene Chloride	7.	U
67-64-1	-----Acetone	71.	
75-15-0	-----Carbon Disulfide	7.	U
75-35-4	-----1,1-Dichloroethene	7.	U
75-34-3	-----1,1-Dichloroethane	13.	
540-59-0	-----1,2-Dichloroethene (total)	7.	U
67-66-3	-----Chloroform	7.	U
107-06-2	-----1,2-Dichloroethane	7.	U
78-93-3	-----2-Butanone	15.	U
71-55-6	-----1,1,1-Trichloroethane	7.	U
56-23-5	-----Carbon Tetrachloride	7.	U
108-05-4	-----Vinyl Acetate	15.	U
75-27-4	-----Bromodichloromethane	7.	U
78-87-5	-----1,2-Dichloropropane	7.	U
10061-01-5	-----cis-1,3-Dichloropropene	7.	U
79-01-6	-----Trichloroethene	7.	U
124-48-1	-----Dibromochloromethane	7.	U
79-00-5	-----1,1,2-Trichloroethane	7.	U
71-43-2	-----Benzene	7.	U
10061-02-6	-----trans-1,3-Dichloropropene	7.	U
75-25-2	-----Bromoform	7.	U
108-10-1	-----4-Methyl-2-Pentanone	15.	U
591-78-6	-----2-Hexanone	15.	U
127-18-4	-----Tetrachloroethene	7.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	7.	U
108-88-3	-----Toluene	18.	
108-90-7	-----Chlorobenzene	7.	U
100-41-4	-----Ethylbenzene	16.	
100-42-5	-----Styrene	7.	U
1330-20-7	-----Xylene (total)	170.	

S 0023

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW4P13

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 008

Matrix: (soil/water) SOIL

Lab Sample ID: 9202265

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: PE035

Level: (low/med) LOW

Date Received: 1/20/92

% Moisture: not dec. 27.

Date Analyzed: 1/23/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

G

74-87-3-----	Chloromethane	14.	U
74-83-9-----	Bromomethane	14.	U
75-01-4-----	Vinyl Chloride	14.	U
75-00-3-----	Chloroethane	14.	U
75-09-2-----	Methylene Chloride	7.	U
67-64-1-----	Acetone	29.	
75-15-0-----	Carbon Disulfide	7.	U
75-35-4-----	1,1-Dichloroethene	7.	U
75-34-3-----	1,1-Dichloroethane	4.	J
540-59-0-----	1,2-Dichloroethene (total)	40.	
67-66-3-----	Chloroform	7.	U
107-06-2-----	1,2-Dichloroethane	7.	U
78-93-3-----	2-Butanone	14.	U
71-55-6-----	1,1,1-Trichloroethane	7.	U
56-23-5-----	Carbon Tetrachloride	7.	U
108-05-4-----	Vinyl Acetate	14.	U
75-27-4-----	Bromodichloromethane	7.	U
78-87-5-----	1,2-Dichloropropane	7.	U
10061-01-5-----	cis-1,3-Dichloropropene	7.	U
79-01-6-----	Trichloroethene	7.	U
124-48-1-----	Dibromochloromethane	7.	U
79-00-5-----	1,1,2-Trichloroethane	7.	U
71-43-2-----	Benzene	7.	U
10061-02-6-----	trans-1,3-Dichloropropene	7.	U
75-25-2-----	Bromoform	7.	U
108-10-1-----	4-Methyl-2-Pentanone	14.	U
591-78-6-----	2-Hexanone	14.	U
127-18-4-----	Tetrachloroethene	7.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7.	U
108-88-3-----	Toluene	24.	
108-90-7-----	Chlorobenzene	7.	U
100-41-4-----	Ethylbenzene	7.	U
100-42-5-----	Styrene	7.	U
1330-20-7-----	Xylene (total)	7.	U

S 0025

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW4P13

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 008

Matrix: (soil/water) SOIL

Lab Sample ID: 9202265

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: P9035

Level: (low/med) LOW

Date Received: 1/22/92

% Moisture: not dec. 27.

Date Analyzed: 1/23/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 8

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN	1.57	20.	J
2. 109-66-0	Pentane (ACN)(DOT)(8CI9CI)	1.89	20.	J
3. 354-23-4	Ethane, 1,2-dichloro-1,1,2-t	2.37	40.	J
4. - -	UNKNOWN	3.19	90.	J
5. - -	UNKNOWN HYDROCARBON	3.52	30.	J
6. - -	UNKNOWN HYDROCARBON	6.51	200.	J
7. - -	UNKNOWN HYDROCARBON	10.30	1000.	J
8. - -	UNKNOWN	14.91	200.	J
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S 0026

H2M LABS, INC.

575 Broad Hollow Road, Melville, NY 11747
(516) 694-3040 FAX: (516) 694-4122

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW5P46

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 008

Matrix: (soil/water) SOIL

Lab Sample ID: 9202264

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: P8034

Level: (low/med) LOW

Date Received: 1/21/92

% Moisture: not dec. 11.

Date Analyzed: 1/23/92

Column: (pack/cap) CAP

Dilution Factor: 5.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	56.	U
74-83-9-----	Bromomethane	56.	U
75-01-4-----	Vinyl Chloride	56.	U
75-00-3-----	Chloroethane	56.	U
75-09-2-----	Methylene Chloride	28.	U
67-64-1-----	Acetone	56.	U
75-15-0-----	Carbon Disulfide	28.	U
75-35-4-----	1,1-Dichloroethene	28.	U
75-34-3-----	1,1-Dichloroethane	28.	U
540-59-0-----	1,2-Dichloroethene (total)	75.	
67-66-3-----	Chloroform	28.	U
107-06-2-----	1,2-Dichloroethane	28.	U
78-93-3-----	2-Butanone	56.	U
71-55-6-----	1,1,1-Trichloroethane	28.	U
56-23-5-----	Carbon Tetrachloride	28.	U
108-05-4-----	Vinyl Acetate	56.	U
75-27-4-----	Bromodichloromethane	28.	U
78-87-5-----	1,2-Dichloropropane	28.	U
10061-01-5-----	cis-1,3-Dichloropropene	28.	U
79-01-6-----	Trichloroethene	28.	U
124-48-1-----	Dibromochloromethane	28.	U
79-00-5-----	1,1,2-Trichloroethane	28.	U
71-43-2-----	Benzene	28.	U
10061-02-6-----	trans-1,3-Dichloropropene	28.	U
75-25-2-----	Bromoform	28.	U
108-10-1-----	4-Methyl-2-Pentanone	56.	U
591-78-6-----	2-Hexanone	56.	U
127-18-4-----	Tetrachloroethene	30.	
79-34-5-----	1,1,2,2-Tetrachloroethane	28.	U
108-88-3-----	Toluene	210.	
108-90-7-----	Chlorobenzene	740.	
100-41-4-----	Ethylbenzene	600.	
100-42-5-----	Styrene	28.	U
1330-20-7-----	Xylene (total)	4400.	EJ

S 0027

H2M LABS, INC.

575 Broad Hollow Road, Melville, NY 11747
(516) 694-3040 FAX: (516) 694-4122

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW5P46

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 008

Matrix: (soil/water) SOIL

Lab Sample ID: 9202264

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: P8034

Level: (low/med) LOW

Date Received: 1/22/92

% Moisture: not dec. 11.

Date Analyzed: 1/23/92

Column: (pack/cap) CAP

Dilution Factor: 5.00

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 107-83-5	Pentane, 2-methyl- (8CI9CI)	3.19	2000.	J
2. - -	UNKNOWN HYDROCARBON	6.51	9000.	J
3. - -	UNKNOWN HYDROCARBON	6.92	1000.	J
4. 4127-47-3	Cyclopropane, 1,1,2,2-tetram	7.62	2000.	J
5. - -	UNKNOWN HYDROCARBON	10.06	3000.	J
6. - -	UNKNOWN HYDROCARBON	11.16	7000.	J
7. - -	TRIMETHYLCYCLOHEXANE (ISOMER)	11.70	2000.	J
8. - -	UNKNOWN HYDROCARBON	14.96	3000.	J
9. 103-65-1	Benzene, propyl- (8CI9CI)	15.44	8000.	J
10. 526-73-8	Benzene, 1,2,3-trimethyl- (8	15.73	8000.	J
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S 0028

LA
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELDBLK

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: C08

Matrix: (soil/water) WATER

Lab Sample ID: 9202267

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P8048

Level: (low/med) LOW

Date Received: 1/22/92

% Moisture: not dec. 100.

Date Analyzed: 1/24/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl Chloride	10.	U
75-00-3	Chloroethane	10.	U
75-09-2	Methylene Chloride	5.	U
67-64-1	Acetone	10.	U
75-15-0	Carbon Disulfide	5.	U
75-35-4	1,1-Dichloroethene	5.	U
75-34-3	1,1-Dichloroethane	5.	U
540-59-0	1,2-Dichloroethene (total)	5.	U
67-66-3	Chloroform	5.	U
107-06-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone	10.	U
71-55-6	1,1,1-Trichloroethane	3.	BJ
56-23-5	Carbon Tetrachloride	5.	U
108-05-4	Vinyl Acetate	10.	U
75-27-4	Bromodichloromethane	5.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
79-01-6	Trichloroethene	5.	U
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
75-25-2	Bromoform	5.	U
108-10-1	4-Methyl-2-Pentanone	10.	U
591-78-6	2-Hexanone	10.	U
127-18-4	Tetrachloroethene	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
108-88-3	Toluene	5.	U
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
100-42-5	Styrene	5.	U
1330-20-7	Xylene (total)	5.	U

S-0029

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELD BLK

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 008

Matrix: (soil/water) WATER

Lab Sample ID: 9202267

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P8048

Level: (low/med) LOW

Date Received: 1/22/92

% Moisture: not dec. 100.

Date Analyzed: 1/24/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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S 0030

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLK

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 008

Matrix: (soil/water) WATER

Lab Sample ID: 9202268

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P8049

Level: (low/med) LOW

Date Received: 1/22/92

% Moisture: not dec. 100.

Date Analyzed: 1/24/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	5.	U
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
540-59-0	-----1,2-Dichloroethene (total)	5.	U
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	5.	U
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

S 0031

H2M LABS, INC.

575 Broad Hollow Rd.
(516) 694-3040 FAX

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EP

Lab Name: H2M

Contract: NYSDOC

Lab Code: H2M

Case No.: CR0

SAS No.:

SDG No.

Matrix: (soil/water) WATER

Lab Sample ID: 920

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P8048

Level: (low/med) LOW

Date Received: 1/

% Moisture: not dec. 100.

Date Analyzed: 1/

Column: (pack/cap) CAP

Dilution Factor:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CC
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S 0032

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M

Contract: NYSDEC

P1(3)

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9134067

Sample wt/vol: 4.100 (g/mL) G

Lab File ID: P7504

Level: (low/med) LOW

Date Received: 11/27/91

% Moisture: not dec. 10.

Date Analyzed: 12/ 3/91

Column: (pack/cap) CAP

Dilution Factor: 1.22

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
74-87-3	-----Chloromethane	14.	U
74-83-9	-----Bromomethane	14.	U
75-01-4	-----Vinyl Chloride	14.	U
75-00-3	-----Chloroethane	14.	U
75-09-2	-----Methylene Chloride	7.	U
67-64-1	-----Acetone	14.	U
75-15-0	-----Carbon Disulfide	7.	U
75-35-4	-----1,1-Dichloroethene	7.	U
75-34-3	-----1,1-Dichloroethane	7.	U
540-59-0	-----1,2-Dichloroethene (total)	7.	U
67-66-3	-----Chloroform	7.	U
107-06-2	-----1,2-Dichloroethane	7.	U
78-93-3	-----2-Butanone	14.	U
71-55-6	-----1,1,1-Trichloroethane	7.	U
56-23-5	-----Carbon Tetrachloride	7.	U
108-05-4	-----Vinyl Acetate	14.	U
75-27-4	-----Bromodichloromethane	7.	U
78-87-5	-----1,2-Dichloropropane	7.	U
10061-01-5	-----cis-1,3-Dichloropropene	7.	U
79-01-6	-----Trichloroethene	7.	U
124-48-1	-----Dibromochloromethane	7.	U
79-00-5	-----1,1,2-Trichloroethane	7.	U
71-43-2	-----Benzene	7.	U
10061-02-6	-----trans-1,3-Dichloropropene	7.	U
75-25-2	-----Bromoform	7.	U
108-10-1	-----4-Methyl-2-Pentanone	14.	U
591-78-6	-----2-Hexanone	14.	U
127-18-4	-----Tetrachloroethene	7.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	7.	U
108-88-3	-----Toluene	7.	U
108-90-7	-----Chlorobenzene	7.	U
100-41-4	-----Ethylbenzene	7.	U
100-42-5	-----Styrene	7.	U
1330-20-7	-----Xylene (total)	7.	U

H2M LABS. INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 594-5040 FAX (516) 594-1042

Lab Name: H2M Contract: NYSDEC P1(3)

Lab Code: H2M Case No.: CRO SAS No.: SDG No.: 001

Matrix: (soil/water) SOIL Lab Sample ID: 9134067

Sample wt/vol: 4.100 (g/mL) G Lab File ID: P7504

Level: (low/med) LOW Date Received: 11/27/91

% Moisture: not dec. 10. Date Analyzed: 12/ 3/91

Column: (pack/cap) CAP Dilution Factor: 1.22

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

1A

575 Broad Hollow Road, Merville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M

Contract: NYSDEC

P2(33)

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9134068

Sample wt/vol: 1.700 (g/mL) G

Lab File ID: P7505

Level: (low/med) LOW

Date Received: 11/27/91

% Moisture: not dec. 11.

Date Analyzed: 12/ 3/91

Column: (pack/cap) CAP

Dilution Factor: 2.94

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

74-87-3-----	Chloromethane	33.	U
74-83-9-----	Bromomethane	33.	U
75-01-4-----	Vinyl Chloride	33.	U
75-00-3-----	Chloroethane	33.	U
75-09-2-----	Methylene Chloride	17.	U
67-64-1-----	Acetone	74.	
75-15-0-----	Carbon Disulfide	17.	U
75-35-4-----	1,1-Dichloroethene	17.	U
75-34-3-----	1,1-Dichloroethane	17.	U
540-59-0-----	1,2-Dichloroethene (total)	17.	U
67-66-3-----	Chloroform	17.	U
107-06-2-----	1,2-Dichloroethane	17.	U
78-93-3-----	2-Butanone	33.	U
71-55-6-----	1,1,1-Trichloroethane	17.	U
56-23-5-----	Carbon Tetrachloride	17.	U
108-05-4-----	Vinyl Acetate	33.	U
75-27-4-----	Bromodichloromethane	17.	U
78-87-5-----	1,2-Dichloropropane	17.	U
10061-01-5-----	cis-1,3-Dichloropropene	17.	U
79-01-6-----	Trichloroethene	17.	U
124-48-1-----	Dibromochloromethane	17.	U
79-00-5-----	1,1,2-Trichloroethane	17.	U
71-43-2-----	Benzene	17.	U
10061-02-6-----	trans-1,3-Dichloropropene	17.	U
75-25-2-----	Bromoform	17.	U
108-10-1-----	4-Methyl-2-Pentanone	33.	U
591-78-6-----	2-Hexanone	33.	U
127-18-4-----	Tetrachloroethene	17.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	17.	U
108-88-3-----	Toluene	17.	U
108-90-7-----	Chlorobenzene	17.	U
100-41-4-----	Ethylbenzene	17.	U
100-42-5-----	Styrene	17.	U
1330-20-7-----	Xylene (total)	17.	U

H2M LABS, INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

375 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX (516) 694-3042

Lab Name: H2M

Contract: NYSDEC

P2(38)

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9134068

Sample wt/vol: 1.700 (g/mL) G

Lab File ID: P7505

Level: (low/med) LOW

Date Received: 11/27/91

% Moisture: not dec. 11.

Date Analyzed: 12/ 3/91

Column: (pack/cap) CAP

Dilution Factor: 2.94

Number TICs found: 18

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	3.20	30.	J
2.	UNKNOWN HYDROCARBON	6.49	600.	J
3.	UNKNOWN CYCLIC CPD.	7.61	100.	J
4.	UNKNOWN CYCLIC CPD.	8.43	30.	J
5.	UNKNOWN HYDROCARBON	8.99	80.	J
6.	UNKNOWN CYCLIC CPD.	9.30	80.	J
7.	UNKNOWN CYCLIC CPD.	9.97	20.	J
8.	UNKNOWN HYDROCARBON	10.97	70.	J
9.	UNKNOWN HYDROCARBON	11.18	60.	J
10.	UNKNOWN CYCLIC CPD.	11.70	90.	J
11.	UNKNOWN HYDROCARBON	11.86	60.	J
12.	UNKNOWN HYDROCARBON	12.08	30.	J
13.	UNKNOWN	12.86	300.	J
14.	UNKNOWN	13.45	200.	J
15.	UNKNOWN HYDROCARBON	13.75	90.	J
16.	UNKNOWN HYDROCARBON	14.23	500.	J
17.	UNKNOWN HYDROCARBON	15.04	400.	J
18.	UNKNOWN CYCLIC CPD.	15.79	400.	J
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20.				
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H2M LABS, INC.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

P2(38) RE

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9134068 RE

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: P7507

Level: (low/med) LOW

Date Received: 11/27/91

% Moisture: not dec. 11.

Date Analyzed: 12/ 3/91

Column: (pack/cap) CAP

Dilution Factor: 5.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

74-87-3-----	Chloromethane	56.	U
74-83-9-----	Bromomethane	56.	U
75-01-4-----	Vinyl Chloride	56.	U
75-00-3-----	Chloroethane	56.	U
75-09-2-----	Methylene Chloride	28.	U
67-64-1-----	Acetone	48.	J
75-15-0-----	Carbon Disulfide	28.	U
75-35-4-----	1,1-Dichloroethene	28.	U
75-34-3-----	1,1-Dichloroethane	28.	U
540-59-0-----	1,2-Dichloroethene (total)	28.	U
67-66-3-----	Chloroform	28.	U
107-06-2-----	1,2-Dichloroethane	28.	U
78-93-3-----	2-Butanone	56.	U
71-55-6-----	1,1,1-Trichloroethane	28.	U
56-23-5-----	Carbon Tetrachloride	28.	U
108-05-4-----	Vinyl Acetate	56.	U
75-27-4-----	Bromodichloromethane	28.	U
78-87-5-----	1,2-Dichloropropane	28.	U
10061-01-5-----	cis-1,3-Dichloropropene	28.	U
79-01-6-----	Trichloroethene	28.	U
124-48-1-----	Dibromochloromethane	28.	U
79-00-5-----	1,1,2-Trichloroethane	28.	U
71-43-2-----	Benzene	28.	U
10061-02-6-----	trans-1,3-Dichloropropene	28.	U
75-25-2-----	Bromoform	28.	U
108-10-1-----	4-Methyl-2-Pentanone	56.	U
591-78-6-----	2-Hexanone	56.	U
127-18-4-----	Tetrachloroethene	28.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	28.	U
108-88-3-----	Toluene	28.	U
108-90-7-----	Chlorobenzene	28.	U
100-41-4-----	Ethylbenzene	28.	U
100-42-5-----	Styrene	28.	U
1330-20-7-----	Xylene (total)	28.	U

H2M LABS, INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX (516) 694-1122

Lab Name: H2M

Contract: NYSDEC

P2(38) RE

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9134068 RE

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: P7507

Level: (low/med) LOW

Date Received: 11/27/91

% Moisture: not dec. 11.

Date Analyzed: 12/ 3/91

Column: (pack/cap) CAP

Dilution Factor: 5.00

Number TICs found: 19

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.88	40.	J
2.	UNKNOWN HYDROCARBON	6.13	30.	J
3.	UNKNOWN HYDROCARBON	6.51	200.	J
4.	UNKNOWN CYCLIC CPD.	7.61	100.	J
5.	UNKNOWN HYDROCARBON	8.99	30.	J
6.	UNKNOWN CYCLIC CPD.	9.97	80.	J
7.	UNKNOWN CYCLIC CPD.	10.21	40.	J
8.	UNKNOWN	10.75	30.	J
9.	UNKNOWN HYDROCARBON	10.96	300.	J
10.	UNKNOWN HYDROCARBON	11.20	1000.	J
11.	UNKNOWN	11.69	500.	J
12.	UNKNOWN	11.86	300.	J
13.	UNKNOWN HYDROCARBON	12.06	100.	J
14.	UNKNOWN	12.84	1000.	J
15.	UNKNOWN	13.44	1000.	J
16.	UNKNOWN HYDROCARBON	13.75	300.	J
17.	UNKNOWN HYDROCARBON	14.21	2000.	J
18.	UNKNOWN HYDROCARBON	15.03	2000.	J
19.	4291-79-6 Cyclohexane, 1-methyl-2-prop	15.79	2000.	J
20.				
21.				
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H2M LABS, INC.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

P3(43)

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9134069

Sample wt/vol: 4.500 (g/mL) G

Lab File ID: P7506

Level: (low/med) LOW

Date Received: 11/27/91

% Moisture: not dec. 6.

Date Analyzed: 12/ 3/91

Column: (pack/cap) CAP

Dilution Factor: 1.11

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
74-87-3	-----Chloromethane	12.	U
74-83-9	-----Bromomethane	12.	U
75-01-4	-----Vinyl Chloride	12.	U
75-00-3	-----Chloroethane	12.	U
75-09-2	-----Methylene Chloride	6.	U
67-64-1	-----Acetone	22.	U
75-15-0	-----Carbon Disulfide	6.	U
75-35-4	-----1,1-Dichloroethene	6.	U
75-34-3	-----1,1-Dichloroethane	6.	U
540-59-0	-----1,2-Dichloroethene (total)	6.	U
67-66-3	-----Chloroform	6.	U
107-06-2	-----1,2-Dichloroethane	6.	U
78-93-3	-----2-Butanone	12.	U
71-55-6	-----1,1,1-Trichloroethane	6.	U
56-23-5	-----Carbon Tetrachloride	6.	U
108-05-4	-----Vinyl Acetate	12.	U
75-27-4	-----Bromodichloromethane	6.	U
78-87-5	-----1,2-Dichloropropane	6.	U
10061-01-5	-----cis-1,3-Dichloropropene	6.	U
79-01-6	-----Trichloroethene	6.	U
124-48-1	-----Dibromochloromethane	6.	U
79-00-5	-----1,1,2-Trichloroethane	6.	U
71-43-2	-----Benzene	6.	U
10061-02-6	-----trans-1,3-Dichloropropene	6.	U
75-25-2	-----Bromoform	6.	U
108-10-1	-----4-Methyl-2-Pentanone	12.	U
591-78-6	-----2-Hexanone	12.	U
127-18-4	-----Tetrachloroethene	6.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	6.	U
108-88-3	-----Toluene	6.	U
108-90-7	-----Chlorobenzene	6.	U
100-41-4	-----Ethylbenzene	6.	U
100-42-5	-----Styrene	6.	U
1330-20-7	-----Xylene (total)	6.	U

H2M LABS, INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3000 FAX (516) 694-1122

Lab Name: H2M Contract: NYSDEC P3(43)

Lab Code: H2M Case No.: CRO SAS No.: SDG No.: 001

Matrix: (soil/water) SOIL Lab Sample ID: 9134069

Sample wt/vol: 4.500 (g/mL) G Lab File ID: P7506

Level: (low/med) LOW Date Received: 11/27/91

Moisture: not dec. 6. Date Analyzed: 12/ 3/91

Column: (pack/cap) CAP Dilution Factor: 1.11

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
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H2M LABS, INC.

1A

575 Broad Hollow Road Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M

Contract: NYSDEC

P4(30)

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9134079

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: P7516

Level: (low/med) LOW

Date Received: 11/27/91

% Moisture: not dec. 9.

Date Analyzed: 12/ 4/91

Column: (pack/cap) CAP

Dilution Factor: 5.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

74-87-3	-----Chloromethane	55.	U
74-83-9	-----Bromomethane	55.	U
75-01-4	-----Vinyl Chloride	55.	U
75-00-3	-----Chloroethane	55.	U
75-09-2	-----Methylene Chloride	27.	U
67-64-1	-----Acetone	35.	J
75-15-0	-----Carbon Disulfide	27.	U
75-35-4	-----1,1-Dichloroethene	27.	U
75-34-3	-----1,1-Dichloroethane	27.	U
540-59-0	-----1,2-Dichloroethene (total)	27.	U
67-66-3	-----Chloroform	27.	U
107-06-2	-----1,2-Dichloroethane	27.	U
78-93-3	-----2-Butanone	55.	U
71-55-6	-----1,1,1-Trichloroethane	27.	U
56-23-5	-----Carbon Tetrachloride	27.	U
108-05-4	-----Vinyl Acetate	55.	U
75-27-4	-----Bromodichloromethane	27.	U
78-87-5	-----1,2-Dichloropropane	27.	U
10061-01-5	-----cis-1,3-Dichloropropene	27.	U
79-01-6	-----Trichloroethene	27.	U
124-48-1	-----Dibromochloromethane	27.	U
79-00-5	-----1,1,2-Trichloroethane	27.	U
71-43-2	-----Benzene	27.	U
10061-02-6	-----trans-1,3-Dichloropropene	27.	U
75-25-2	-----Bromoform	27.	U
108-10-1	-----4-Methyl-2-Pentanone	55.	U
591-78-6	-----2-Hexanone	55.	U
127-18-4	-----Tetrachloroethene	57.	
79-34-5	-----1,1,2,2-Tetrachloroethane	27.	U
108-88-3	-----Toluene	110.	
108-90-7	-----Chlorobenzene	27.	U
100-41-4	-----Ethylbenzene	29.	
100-42-5	-----Styrene	27.	U
1330-20-7	-----Xylene (total)	27.	U

H2M LABS. INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX (516) 694-1122

Lab Name: H2M

Contract: NYSDEC

P4(30)

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9134070

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: P7516

Level: (low/med) LOW

Date Received: 11/27/91

% Moisture: not dec. 9.

Date Analyzed: 12/ 4/91

Column: (pack/cap) CAP

Dilution Factor: 5.00

Number TICs found: 2019 @ 11/4/92

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	3.17	200.	J
2.	UNKNOWN HYDROCARBON	3.49	100.	J
3.	UNKNOWN HYDROCARBON	5.37	80.	J
4.	UNKNOWN HYDROCARBON	6.48	500.	J
5.	UNKNOWN CYCLIC CPD.	7.60	80.	J
6.	UNKNOWN HYDROCARBON	8.99	50.	J
7.	UNKNOWN HYDROCARBON	9.23	50.	J
8.	UNKNOWN HYDROCARBON	10.05	300.	J
9.	UNKNOWN HYDROCARBON	10.98	100.	J
10.	UNKNOWN HYDROCARBON	11.20	800.	J
11.	UNKNOWN	11.88	200.	J
12.	UNKNOWN HYDROCARBON	12.09	400.	J
13.	UNKNOWN	12.38	200.	J
14.	UNKNOWN HYDROCARBON	13.21	1000.	J
15.	UNKNOWN HYDROCARBON	13.94	500.	J
16.	UNKNOWN HYDROCARBON	14.21	900.	J
17.	UNKNOWN HYDROCARBON	15.06	2000.	J
18.	UNKNOWN HYDROCARBON	15.32	800.	J
19.	UNKNOWN	15.65	1000.	J
20.	UNKNOWN HYDROCARBON	16.14	7000.	J
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H2M LABS, INC.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

P5(27)

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9134071

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: P7513

Level: (low/med) LOW

Date Received: 11/27/91

% Moisture: not dec. 10.

Date Analyzed: 12/ 4/91

Column: (pack/cap) CAP

Dilution Factor: 1.25

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

74-87-3-----	Chloromethane	14.	U
74-83-9-----	Bromomethane	14.	U
75-01-4-----	Vinyl Chloride	14.	U
75-00-3-----	Chloroethane	14.	U
75-09-2-----	Methylene Chloride	7.	U
67-64-1-----	Acetone	14.	U
75-15-0-----	Carbon Disulfide	7.	U
75-35-4-----	1,1-Dichloroethene	7.	U
75-34-3-----	1,1-Dichloroethane	7.	U
540-59-0-----	1,2-Dichloroethene (total)	7.	U
67-66-3-----	Chloroform	7.	U
107-06-2-----	1,2-Dichloroethane	7.	U
78-93-3-----	2-Butanone	14.	U
71-55-6-----	1,1,1-Trichloroethane	7.	U
56-23-5-----	Carbon Tetrachloride	7.	U
108-05-4-----	Vinyl Acetate	14.	U
75-27-4-----	Bromodichloromethane	7.	U
78-87-5-----	1,2-Dichloropropane	7.	U
10061-01-5-----	cis-1,3-Dichloropropene	7.	U
79-01-6-----	Trichloroethene	17.	U
124-48-1-----	Dibromochloromethane	7.	U
79-00-5-----	1,1,2-Trichloroethane	7.	U
71-43-2-----	Benzene	7.	U
10061-02-6-----	trans-1,3-Dichloropropene	7.	U
75-25-2-----	Bromoform	7.	U
108-10-1-----	4-Methyl-2-Pentanone	14.	U
591-78-6-----	2-Hexanone	14.	U
127-18-4-----	Tetrachloroethene	110.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7.	U
108-88-3-----	Toluene	7.	U
108-90-7-----	Chlorobenzene	7.	U
100-41-4-----	Ethylbenzene	7.	U
100-42-5-----	Styrene	7.	U
1330-20-7-----	Xylene (total)	7.	U

H2M LABS, INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX (516) 694-1122

Lab Name: H2M

Contract: NYSDEC

P5(27)

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9134071

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: P7513

Level: (low/med) LOW

Date Received: 11/27/91

% Moisture: not dec. 10.

Date Analyzed: 12/ 4/91

Column: (pack/cap) CAP

Dilution Factor: 1.25

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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H2M LABS, INC.

1.2

VOLATILE ORGANICS ANALYSIS DATA SHEET

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

P6(26)

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9134072

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: P7514

Level: (low/med) LOW

Date Received: 11/27/91

% Moisture: not dec. 6.

Date Analyzed: 12/ 4/91

Column: (pack/cap) CAP

Dilution Factor: 5.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

74-87-3	-----Chloromethane	53.	U
74-83-9	-----Bromomethane	53.	U
75-01-4	-----Vinyl Chloride	53.	U
75-00-3	-----Chloroethane	53.	U
75-09-2	-----Methylene Chloride	27.	U
67-64-1	-----Acetone	40.	J
75-15-0	-----Carbon Disulfide	27.	U
75-35-4	-----1,1-Dichloroethene	27.	U
75-34-3	-----1,1-Dichloroethane	27.	U
540-59-0	-----1,2-Dichloroethene (total)	240.	
67-66-3	-----Chloroform	27.	U
107-06-2	-----1,2-Dichloroethane	27.	U
78-93-3	-----2-Butanone	53.	U
71-55-6	-----1,1,1-Trichloroethane	27.	U
56-23-5	-----Carbon Tetrachloride	27.	U
108-05-4	-----Vinyl Acetate	53.	U
75-27-4	-----Bromodichloromethane	27.	U
78-87-5	-----1,2-Dichloropropane	27.	U
10061-01-5	-----cis-1,3-Dichloropropene	27.	U
79-01-6	-----Trichloroethene	40.	
124-48-1	-----Dibromochloromethane	27.	U
79-00-5	-----1,1,2-Trichloroethane	27.	U
71-43-2	-----Benzene	27.	U
10061-02-6	-----trans-1,3-Dichloropropene	27.	U
75-25-2	-----Bromoform	27.	U
108-10-1	-----4-Methyl-2-Pentanone	53.	U
591-78-6	-----2-Hexanone	53.	U
127-18-4	-----Tetrachloroethene	1000.	
79-34-5	-----1,1,2,2-Tetrachloroethane	27.	U
108-88-3	-----Toluene	27.	U
108-90-7	-----Chlorobenzene	27.	U
100-41-4	-----Ethylbenzene	27.	U
100-42-5	-----Styrene	27.	U
1330-20-7	-----Xylene (total)	27.	U

H2M LABS, INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX (516) 694-1022

Lab Name: H2M

Contract: NYSDEC

P6(26)

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9134072

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: P7514

Level: (low/med) LOW

Date Received: 11/27/91

% Moisture: not dec. 6.

Date Analyzed: 12/ 4/91

Column: (pack/cap) CAP

Dilution Factor: 5.00

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	14.20	50.	J
2.	UNKNOWN HYDROCARBON	15.01	50.	J
3.	UNKNOWN	15.76	60.	J
4.	UNKNOWN HYDROCARBON	16.12	90.	J
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H2M LABS, INC.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

375 Broad Hollow Road, Melville, NY 11747
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

P7(25)

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9134073

Sample wt/vol: 3.700 (g/mL) G

Lab File ID: P7515

Level: (low/med) LOW

Date Received: 11/27/91

% Moisture: not dec. 25.

Date Analyzed: 12/ 4/91

Column: (pack/cap) CAP

Dilution Factor: 1.35

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

74-87-3-----	Chloromethane	18.	U
74-83-9-----	Bromomethane	18.	U
75-01-4-----	Vinyl Chloride	18.	U
75-00-3-----	Chloroethane	18.	U
75-09-2-----	Methylene Chloride	9.	U
67-64-1-----	Acetone	18.	U
75-15-0-----	Carbon Disulfide	9.	U
75-35-4-----	1,1-Dichloroethene	9.	U
75-34-3-----	1,1-Dichloroethane	9.	U
540-59-0-----	1,2-Dichloroethene (total)	9.	U
67-66-3-----	Chloroform	9.	U
107-06-2-----	1,2-Dichloroethane	9.	U
78-93-3-----	2-Butanone	18.	U
71-55-6-----	1,1,1-Trichloroethane	9.	U
56-23-5-----	Carbon Tetrachloride	9.	U
108-05-4-----	Vinyl Acetate	18.	U
75-27-4-----	Bromodichloromethane	9.	U
78-87-5-----	1,2-Dichloropropane	9.	U
10061-01-5-----	cis-1,3-Dichloropropene	9.	U
79-01-6-----	Trichloroethene	9.	U
124-48-1-----	Dibromochloromethane	9.	U
79-00-5-----	1,1,2-Trichloroethane	9.	U
71-43-2-----	Benzene	9.	U
10061-02-6-----	trans-1,3-Dichloropropene	9.	U
75-25-2-----	Bromoform	9.	U
108-10-1-----	4-Methyl-2-Pentanone	18.	U
591-78-6-----	2-Hexanone	18.	U
127-18-4-----	Tetrachloroethene	9.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	9.	U
108-88-3-----	Toluene	9.	U
108-90-7-----	Chlorobenzene	9.	U
100-41-4-----	Ethylbenzene	9.	U
100-42-5-----	Styrene	9.	U
1330-20-7-----	Xylene (total)	9.	U

H2M LABS. INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

375 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX (516) 694-4122

Lab Name: H2M

Contract: NYSD2C

P7(25)

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9134073

Sample wt/vol: 3.700 (g/mL) G

Lab File ID: P7515

Level: (low/med) LOW

Date Received: 11/27/91

% Moisture: not dec. 25.

Date Analyzed: 12/ 4/91

Column: (pack/cap) CAP

Dilution Factor: 1.35

Number TICs found: 14

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN CYCLIC CPD.	7.61	30.	J
2.	UNKNOWN HYDROCARBON	7.95	20.	J
3.	UNKNOWN HYDROCARBON	8.17	30.	J
4.	UNKNOWN CYCLIC CPD.	8.42	40.	J
5.	UNKNOWN	8.89	90.	J
6.	UNKNOWN	9.97	100.	J
7.	UNKNOWN HYDROCARBON	10.56	50.	J
8.	UNKNOWN HYDROCARBON	10.79	20.	J
9.	UNKNOWN HYDROCARBON	10.98	100.	J
10.	UNKNOWN HYDROCARBON	11.25	400.	J
11.	UNKNOWN	11.70	100.	J
12.	UNKNOWN	13.04	10.	J
13.	UNKNOWN CYCLIC CPD.	13.43	80.	J
14.	UNKNOWN CYCLIC CPD.	15.00	10.	J
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H2M LABS. INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M

Contract: NYSDEC

P8(46)

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9134074

Sample wt/vol: 2.100 (g/mL) G

Lab File ID: P7512

Level: (low/med) LOW

Date Received: 11/27/91

% Moisture: not dec. 9.

Date Analyzed: 12/ 3/91

Column: (pack/cap) CAP

Dilution Factor: 2.38

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

74-87-3	-----Chloromethane	26.	U
74-83-9	-----Bromomethane	26.	U
75-01-4	-----Vinyl Chloride	26.	U
75-00-3	-----Chloroethane	26.	U
75-09-2	-----Methylene Chloride	13.	U
67-64-1	-----Acetone	47.	U
75-15-0	-----Carbon Disulfide	13.	U
75-35-4	-----1,1-Dichloroethene	13.	U
75-34-3	-----1,1-Dichloroethane	13.	U
540-59-0	-----1,2-Dichloroethene (total)	13.	U
67-66-3	-----Chloroform	13.	U
107-06-2	-----1,2-Dichloroethane	13.	U
78-93-3	-----2-Butanone	26.	U
71-55-6	-----1,1,1-Trichloroethane	13.	U
56-23-5	-----Carbon Tetrachloride	13.	U
108-05-4	-----Vinyl Acetate	26.	U
75-27-4	-----Bromodichloromethane	13.	U
78-87-5	-----1,2-Dichloropropane	13.	U
10061-01-5	-----cis-1,3-Dichloropropene	13.	U
79-01-6	-----Trichloroethene	13.	U
124-48-1	-----Dibromochloromethane	13.	U
79-00-5	-----1,1,2-Trichloroethane	13.	U
71-43-2	-----Benzene	13.	U
10061-02-6	-----trans-1,3-Dichloropropene	13.	U
75-25-2	-----Bromoform	13.	U
108-10-1	-----4-Methyl-2-Pentanone	26.	U
591-78-6	-----2-Hexanone	26.	U
127-18-4	-----Tetrachloroethene	13.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	13.	U
108-88-3	-----Toluene	13.	U
108-90-7	-----Chlorobenzene	13.	U
100-41-4	-----Ethylbenzene	13.	U
100-42-5	-----Styrene	13.	U
1330-20-7	-----Xylene (total)	13.	U

H2M LABS, INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX (516) 694-1122

P8(46)

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9134074

Sample wt/vol: 2.100 (g/mL) G

Lab File ID: P7512

Level: (low/med) LOW

Date Received: 11/27/91

% Moisture: not dec. 9.

Date Analyzed: 12/ 3/91

Column: (pack/cap) CAP

Dilution Factor: 2.38

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M

Contract: NYSDEC

FIELD BLK

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) WATER

Lab Sample ID: 9134075

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7435

Level: (low/med) LOW

Date Received: 11/27/91

% Moisture: not dec. 100.

Date Analyzed: 11/27/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/L	Q
74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	5.	U
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
540-59-0	-----1,2-Dichloroethene (total)	5.	U
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	5.	U
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

H2M LABS, INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3030 FAX (516) 694-1022

FIELD BLK

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) WATER

Lab Sample ID: 9134075

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7435

Level: (low/med) LOW

Date Received: 11/27/91

% Moisture: not dec. 100.

Date Analyzed: 11/27/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN HYDROCARBON	6.44	9.	J
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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

TRIPBLK

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) WATER

Lab Sample ID: 9134076

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7436

Level: (low/med) LOW

Date Received: 11/27/91

% Moisture: not dec. 100.

Date Analyzed: 11/27/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/L	Q
74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	5.	U
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
540-59-0	-----1,2-Dichloroethene (total)	5.	U
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	5.	U
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

H2M LABS, INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX (516) 694-1042

Lab Name: H2M

Contract: NYSDEC

TRIPBLK

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) WATER

Lab Sample ID: 9134076

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7436

Level: (low/med) LOW

Date Received: 11/27/91

% Moisture: not dec. 100.

Date Analyzed: 11/27/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11791
(516) 694-3040 FAX: (516) 694-4122

IA VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

MW-1P

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204289

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3455

Level: (low/med) LOW

Date Received: 2/7/92

% Moisture: not dec. 100.

Date Analyzed: 2/13/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl Chloride	7.	J
75-00-3	Chloroethane	10.	U
75-09-2	Methylene Chloride	1.	BJ
67-64-1	Acetone	10.	U
75-15-0	Carbon Disulfide	5.	U
75-35-4	1,1-Dichloroethene	2.	J
75-34-3	1,1-Dichloroethane	11.	
540-59-0	1,2-Dichloroethene (total)	25.	
67-66-3	Chloroform	5.	U
107-06-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone	10.	U
71-55-6	1,1,1-Trichloroethane	1	J
56-23-5	Carbon Tetrachloride	5.	U
108-05-4	Vinyl Acetate	10.	U
75-27-4	Bromodichloromethane	5.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
79-01-6	Trichloroethene	12.	
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
75-25-2	Bromoform	5.	U
108-10-1	4-Methyl-2-Pentanone	10.	U
591-78-6	2-Hexanone	10.	U
127-18-4	Tetrachloroethene	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
108-88-3	Toluene	5.	U
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
100-42-5	Styrene	5.	U
1330-20-7	Xylene (total)	5.	U

V C121

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX (516) 694-4122
EPA SAMPLE NO. 9204289

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

MW-1P

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204289

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3455

Level: (low/med) LOW

Date Received: 2/ 7/92

% Moisture: not dec. 100.

Date Analyzed: 2/13/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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H2M LABS, INC.

575 Broad Hollow Road, Menlo Park, N.Y. 11771
(516) 694-3040 FAX (516) 694-4122

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

NW-2P

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil water) WATER

Lab Sample ID: 9204238

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3440

Level: (low/med) LOW

Date Received: 2/7/92

% Moisture: not dec. 100.

Date Analyzed: 2/12/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	130.	
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	2.	BJ
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	22.	
75-34-3-----	1,1-Dichloroethane	33.	
540-59-0-----	1,2-Dichloroethene (total)	620.	E
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	4.	J
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	340.	E
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	2.	J
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	85.	
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylene (total)	3.	J

V C135

H2M LABS, INC.

573 Broad Hollow Road, Menasha, N.Y. 11750
 (516) 694-3040 FAX (516) 694-4100
 EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

MW-29

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204288

Sample wt./vol: 5.000 (g/mL) ML

Lab File ID: V3440

Level: (low/med) LOW

Date Received: 2/ 7/92

% Moisture: not dec. 100.

Date Analyzed: 2/12/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 3

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	- - UNKNOWN	2.60	5.	J
2.	354-23-4 Ethane, 1,2-dichloro-1,1,2-trifluoro	3.12	200.	J
3.	76-13-1 Ethane, 1,1,2-trichloro-1,2,- 2-trifluoro	3.47	400.	J
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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-5040 FAX: (516) 694-4122

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

KW-2P

Lab Code: H2M

Case No.: CRO

SAC No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204288DL

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3470

Level: (low/med) LOW

Date Received: 2. 7/92

% Moisture: not dec. 100.

Date Analyzed: 2.13/92

Column: (pack/cap) CAP

Dilution Factor: 20.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	200.	U
74-83-9-----	Bromomethane	200.	U
75-01-4-----	Vinyl Chloride	110.	J
75-00-3-----	Chloroethane	200.	U
75-09-2-----	Methylene Chloride	28.	BJ
67-64-1-----	Acetone	200.	U
75-15-0-----	Carbon Disulfide	100.	U
75-35-4-----	1,1-Dichloroethene	100.	U
75-34-3-----	1,1-Dichloroethane	100.	U
540-59-0-----	1,2-Dichloroethene (total)	2500.	
67-66-3-----	Chloroform	100.	U
107-06-2-----	1,2-Dichloroethane	100.	U
78-93-3-----	2-Butanone	200.	U
71-55-6-----	1,1,1-Trichloroethane	100.	U
56-23-5-----	Carbon Tetrachloride	100.	U
108-05-4-----	Vinyl Acetate	200.	U
75-27-4-----	Bromodichloromethane	100.	U
78-87-5-----	1,2-Dichloropropane	100.	U
10061-01-5-----	cis-1,3-Dichloropropene	100.	U
79-01-6-----	Trichloroethene	480.	
124-48-1-----	Dibromochloromethane	100.	U
79-00-5-----	1,1,2-Trichloroethane	100.	U
71-43-2-----	Benzene	100.	U
10061-02-6-----	trans-1,3-Dichloropropene	100.	U
75-25-2-----	Bromoform	100.	U
108-10-1-----	4-Methyl-2-Pentanone	200.	U
591-78-6-----	2-Hexanone	200.	U
127-18-4-----	Tetrachloroethene	90.	J
79-34-5-----	1,1,2,2-Tetrachloroethane	100.	U
108-88-3-----	Toluene	100.	U
108-90-7-----	Chlorobenzene	100.	U
100-41-4-----	Ethylbenzene	100.	U
100-42-5-----	Styrene	100.	U
1330-20-7-----	Xylene (total)	100.	U

V C155

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11791
(516) 694-3040 FAX (516) 694-4122

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDOC

XW-28

Lab Code: H2M

Case No.: CRO

SAC No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204288DL

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3470

Level: (low/med) LOW

Date Received: 2/7/92

% Moisture: not dec. 100.

Date Analyzed: 2/13/92

Column: (pack/cap) CAP

Dilution Factor: 20.00

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	334-23-4 Ethane, 1,2-dichloro-1,1,2-trifluoro	3.13	200.	J
2.	76-13-1 Ethane, 1,1,2-trichloro-1,2-difluoro	3.47	500.	J
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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M

Contract: NYSDEC

MW-3P

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204290

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3444

Level: (low/med) LOW

Date Received: 2/ 7/92

% Moisture: not dec. 100.

Date Analyzed: 2/13/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	120.	
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	3.	BJ
67-64-1	-----Acetone	75.	B
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	6.	
75-34-3	-----1,1-Dichloroethane	13.	
540-59-0	-----1,2-Dichloroethene (total)	380.	E
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	65.	
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	4.	J
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	24.	
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	
108-90-7	-----Chlorobenzene	3.	J
100-41-4	-----Ethylbenzene	4.	J
100-42-5	-----Styrene	3.	J
1330-20-7	-----Xylene (total)	22.	

V 0169

H2M LABS, INC.

575 Broad Hollow Road, Melville, NY 11767
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.:

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

MM-3P

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204290

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3444

Level: (low/med) LOW

Date Received: 2/ 7/92

% Moisture: not dec. 100.

Date Analyzed: 2,13/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALKENE	2.26	10.	J
2.	UNKNOWN	2.60	7.	J
3.	354-23-4 Ethane, 1,2-dichloro-1,1,2-trichloro	3.10	60.	J
4.	76-13-1 Ethane, 1,1,2-trichloro-1,2,2-trichloro	3.42	10.	J
5.	UNKNOWN	3.70	1000.	J
6.	UNKNOWN ALKANE	5.56	10.	J
7.	UNKNOWN PROPANE	6.98	9.	J
8.	ETHYLMETHYLISOMER	12.15	7.	J
9.	ETHYLMETHYLBENZENE (ISOMER)	12.22	5.	J
10.	ETHYLMETHYLBENZENE (ISOMER)	12.71	6.	J
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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M

Contract: NYSDEC

MW-3P

DL

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204290DL

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3468

Level: (low/med) LOW

Date Received: 2/ 7/92

% Moisture: not dec. 100.

Date Analyzed: 2/13/92

Column: (pack/cap) CAP

Dilution Factor: 5.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	-----Chloromethane	50.	U
74-83-9	-----Bromomethane	50.	U
75-01-4	-----Vinyl Chloride	100.	D
75-00-3	-----Chloroethane	50.	U
75-09-2	-----Methylene Chloride	7.	BJ D
67-64-1	-----Acetone	74.	B D
75-15-0	-----Carbon Disulfide	25.	U
75-35-4	-----1,1-Dichloroethene	25.	U
75-34-3	-----1,1-Dichloroethane	11.	J D
540-59-0	-----1,2-Dichloroethene (total)	480.	D
67-66-3	-----Chloroform	25.	U
107-06-2	-----1,2-Dichloroethane	25.	U
78-93-3	-----2-Butanone	50.	U
71-55-6	-----1,1,1-Trichloroethane	25.	U
56-23-5	-----Carbon Tetrachloride	25.	U
108-05-4	-----Vinyl Acetate	50.	U
75-27-4	-----Bromodichloromethane	25.	U
78-87-5	-----1,2-Dichloropropane	25.	U
10061-01-5	-----cis-1,3-Dichloropropene	25.	U
79-01-6	-----Trichloroethene	57.	D
124-48-1	-----Dibromochloromethane	25.	U
79-00-5	-----1,1,2-Trichloroethane	25.	U
71-43-2	-----Benzene	25.	U
10061-02-6	-----trans-1,3-Dichloropropene	25.	U
75-25-2	-----Bromoform	25.	U
108-10-1	-----4-Methyl-2-Pentanone	50.	U
591-78-6	-----2-Hexanone	50.	U
127-18-4	-----Tetrachloroethene	18.	J D
79-34-5	-----1,1,2,2-Tetrachloroethane	25.	U
108-88-3	-----Toluene	25.	U
108-90-7	-----Chlorobenzene	25.	U
100-41-4	-----Ethylbenzene	25.	U
100-42-5	-----Styrene	25.	U
1330-20-7	-----Xylene (total)	25.	U

V C200

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: H2M LABS INC.

Contract: NYSDEC

IMW-3P DL

Lab Code: H2M

Case No.:

SAS No.:

SOG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 92042900L

Sample wt/vol: 5 (g/mL) mL

Lab File ID: >U3468

Level: (low/med) LDW

Date Received: 02/07/92

% Moisture: ---- 100

Date Analyzed: 2/13/92

Column: CAP

Dilution Factor: 1.00000

Number TICS found: 03

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.30	30.	
2. 354234	1,2-DICHLORO-1,1,2-TRIFLUORO			
	-ETHANE	3.12	9.	
3.	UNKNOWN	3.70	240.	
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V 0201

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11791
(516) 694-3040 FAX: (516) 694-4122

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

MW-4P

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204291

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3443

Level: (low/med) LOW

Date Received: 2/ 7/92

% Moisture: not dec. 100.

Date Analyzed: 2/13/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/L	Q
74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	110.	
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	2.	BJ
67-64-1	-----Acetone	6.	BJ
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	8.	
540-59-0	-----1,2-Dichloroethene (total)	140.	
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	19.	
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	1.	J
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	18.	
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	2.	J
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	4.	J

V 0217

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

MW-4P

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204291

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3445

Level: (low/med) LOW

Date Received: 2/ 7/92

% Moisture: not dec. 100.

Date Analyzed: 2/13/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 354-23-4	Ethane, 1,2-dichloro-1,1,2-trifluoro	3.09	10.	J
2. - -	UNKNOWN	3.67	20.	J
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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11764
(516) 694-3040 FAX: (516) 694-4122

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

MW-5P

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204292

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3446

Level: (low/med) LOW

Date Received: 2/ 7/92

% Moisture: not dec. 100.

Date Analyzed: 2/13/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	590.	E
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	2.	BJ
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	7.	
75-34-3-----	1,1-Dichloroethane	10.	
540-59-0-----	1,2-Dichloroethene (total)	670.	E
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	520.	E
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	400.	E
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	3.	J
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylene (total)	5.	J

V 0237

H2M LABS, INC.

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(516) 694-3040 FAX (516) 694-4133
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

MW-5P

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204292

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3446

Level: (low/med) LOW

Date Received: 2/ 7/92

% Moisture: not dec. 100.

Date Analyzed: 2/13/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 354-23-4	Ethane, 1,2-dichloro-1,1,2-trichloro	3.11	100.	J
2. 76-13-1	Ethane, 1,1,2-trichloro-1,2,2-trichloro	3.47	900.	J
3. - -	UNKNOWN ALKANE	5.61	50.	J
4. - -	UNKNOWN ALKANE	9.18	10.	J
5. - -	UNKNOWN ALKANE	9.38	20.	J
6. - -	UNKNOWN ALKANE	9.95	50.	J
7. - -	UNKNOWN ALKANE	11.21	60.	J
8. - -	UNKNOWN ALKANE	11.43	20.	J
9. - -	UNKNOWN ALKANE	12.27	30.	J
10. - -	UNKNOWN CYCLOHEXANE	12.88	10.	J
11.				
12.				
13.				
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H2M LABS, INC.

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

NW-5P DL

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204292DL

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3478

Level: (low/mad) LOW

Date Received: 2/7/92

% Moisture: not dec. 100.

Date Analyzed: 2/14/92

Column: (pack/cap) CAP

Dilution Factor: 200.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/L	Q
74-87-3	-----Chloromethane	2000.	U
74-83-9	-----Bromomethane	2000.	U
75-01-4	-----Vinyl Chloride	840.	J D
75-00-3	-----Chloroethane	2000.	U
75-09-2	-----Methylene Chloride	1000.	U
67-64-1	-----Acetone	2000.	U
75-15-0	-----Carbon Disulfide	1000.	U
75-35-4	-----1,1-Dichloroethene	1000.	U
75-34-3	-----1,1-Dichloroethane	1000.	U
540-59-0	-----1,2-Dichloroethene (total)	3500.	D
67-66-3	-----Chloroform	1000.	U
107-06-2	-----1,2-Dichloroethane	1000.	U
78-93-3	-----2-Butanone	2000.	U
71-55-6	-----1,1,1-Trichloroethane	1000.	U
56-23-5	-----Carbon Tetrachloride	1000.	U
108-05-4	-----Vinyl Acetate	2000.	U
75-27-4	-----Bromodichloromethane	1000.	U
78-87-5	-----1,2-Dichloropropane	1000.	U
10061-01-5	-----cis-1,3-Dichloropropene	1000.	U
79-01-6	-----Trichloroethene	1600.	D
124-48-1	-----Dibromochloromethane	1000.	U
79-00-5	-----1,1,2-Trichloroethane	1000.	U
71-43-2	-----Benzene	1000.	U
10061-02-6	-----trans-1,3-Dichloropropene	1000.	U
75-25-2	-----Bromoform	1000.	U
108-10-1	-----4-Methyl-2-Pentanone	2000.	U
591-78-6	-----2-Hexanone	2000.	U
127-18-4	-----Tetrachloroethene	880.	J D
79-34-5	-----1,1,2,2-Tetrachloroethane	1000.	U
108-88-3	-----Toluene	1000.	U
108-90-7	-----Chlorobenzene	1000.	U
100-41-4	-----Ethylbenzene	1000.	U
100-42-5	-----Styrene	1000.	U
1330-20-7	-----Xylene (total)	1000.	U

H2M LABS, INC.

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EPA SW-846-100

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDOC

MW-5P DL

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204292DL

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3478

Level: (low/med) LOW

Date Received: 2/ 7/92

% Moisture: not dec. 100.

Date Analyzed: 2 14/92

Column: (pack/cap) CAP

Dilution Factor: 200.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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Enal/Pass & Seymour
Soil and Groundwater
Laboratory Results

H2M LABS, INC.

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(516) 694-3040 FAX: (516) 694-4122

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRD

SAS No.:

SDG No.: 06

Matrix: (soil/water) SOIL

Lab Sample ID: 9135927

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: 97818

Level: (low/med) LOW

Date Received: 12/17/91

% Moisture: not dec. 14.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	7.	
67-64-1-----	Acetone	68.	
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
540-59-0-----	1,2-Dichloroethene (total)	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	12.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
108-05-4-----	Vinyl Acetate	12.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
1330-20-7-----	Xylene (total)	6.	U

S 0021

H2M LABS, INC.

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

S1

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 06

Matrix: (soil/water) SOIL

Lab Sample ID: 9135927

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: P7818

Level: (low/med) LOW

Date Received: 12/17/91

% Moisture: not dec. 14.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN	14.25	7.	J
2. - -	UNKNOWN	14.41	20.	J
3. - -	UNKNOWN	16.11	30.	J
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H2M LABS, INC.

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

52

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 06

Matrix: (soil/water) SOIL

Lab Sample ID: 9135928

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: P7819

Level: (low/med) LOW

Date Received: 12/17/91

% Moisture: not dec. 10.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3	-----Chloromethane	11.	U
74-83-9	-----Bromomethane	11.	U
75-01-4	-----Vinyl Chloride	11.	U
75-00-3	-----Chloroethane	11.	U
75-09-2	-----Methylene Chloride	6.	U
67-64-1	-----Acetone	11.	U
75-15-0	-----Carbon Disulfide	6.	U
75-35-4	-----1,1-Dichloroethene	6.	U
75-34-3	-----1,1-Dichloroethane	6.	U
540-59-0	-----1,2-Dichloroethene (total)	6.	U
67-66-3	-----Chloroform	6.	U
107-06-2	-----1,2-Dichloroethane	6.	U
78-93-3	-----2-Butanone	11.	U
71-55-6	-----1,1,1-Trichloroethane	6.	U
56-23-5	-----Carbon Tetrachloride	6.	U
108-05-4	-----Vinyl Acetate	11.	U
75-27-4	-----Bromodichloromethane	6.	U
78-87-5	-----1,2-Dichloropropane	6.	U
10061-01-5	-----cis-1,3-Dichloropropene	6.	U
79-01-6	-----Trichloroethene	6.	U
124-48-1	-----Dibromochloromethane	6.	U
79-00-5	-----1,1,2-Trichloroethane	6.	U
71-43-2	-----Benzene	6.	U
10061-02-6	-----trans-1,3-Dichloropropene	6.	U
75-25-2	-----Bromoform	6.	U
108-10-1	-----4-Methyl-2-Pentanone	11.	U
591-78-6	-----2-Hexanone	11.	U
127-18-4	-----Tetrachloroethene	6.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	6.	U
108-88-3	-----Toluene	6.	U
108-90-7	-----Chlorobenzene	6.	U
100-41-4	-----Ethylbenzene	6.	U
100-42-5	-----Styrene	6.	U
1330-20-7	-----Xylene (total)	6.	U

S 0023

H2M LABS, INC.

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

S2

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CR0

SAS No.:

SDG No.: 06

Matrix: (soil/water) SOIL

Lab Sample ID: 9135928

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: P7819

Level: (low/med) LOW

Date Received: 12/17/91

% Moisture: not dec. 10.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S3

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 06

Matrix: (soil/water) SOIL

Lab Sample ID: 9135929

Sample wt/vol: 5.200 (g/mL) G

Lab File ID: P7820

Level: (low/med) LOW

Date Received: 12/17/91

% Moisture: not dec. 9.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor: .96

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

74-87-3	-----Chloromethane	11.	U
74-83-9	-----Bromomethane	11.	U
75-01-4	-----Vinyl Chloride	11.	U
75-00-3	-----Chloroethane	11.	U
75-09-2	-----Methylene Chloride	5.	U
67-64-1	-----Acetone	11.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
540-59-0	-----1,2-Dichloroethene (total)	5.	U
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	11.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	11.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	5.	U
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	11.	U
591-78-6	-----2-Hexanone	11.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

S 0025

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

S3

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 06

Matrix: (soil/water) SOIL

Lab Sample ID: 9135929

Sample wt/vol: 5.200 (g/mL) G

Lab File ID: P7820

Level: (low/med) LOW

Date Received: 12/17/91

% Moisture: not dec. 9.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor: .96

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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H2M LABS, INC.

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S4

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 06

Matrix: (soil/water) SOIL

Lab Sample ID: 9135810

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: P7814

Level: (low/med) LOW

Date Received: 12/16/91

% Moisture: not dec. 4.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor: 5.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

74-87-3	-----Chloromethane	52.	U
74-83-9	-----Bromomethane	52.	U
75-01-4	-----Vinyl Chloride	52.	U
75-00-3	-----Chloroethane	52.	U
75-09-2	-----Methylene Chloride	26.	U
67-64-1	-----Acetone	52.	J
75-15-0	-----Carbon Disulfide	26.	U
75-35-4	-----1,1-Dichloroethene	26.	U
75-34-3	-----1,1-Dichloroethane	26.	U
540-59-0	-----1,2-Dichloroethene (total)	26.	U
67-66-3	-----Chloroform	26.	U
107-06-2	-----1,2-Dichloroethane	26.	U
78-93-3	-----2-Butanone	52.	U
71-55-6	-----1,1,1-Trichloroethane	26.	U
56-23-5	-----Carbon Tetrachloride	26.	U
108-05-4	-----Vinyl Acetate	52.	U
75-27-4	-----Bromodichloromethane	26.	U
78-87-5	-----1,2-Dichloropropane	26.	U
10061-01-5	-----cis-1,3-Dichloropropene	26.	U
79-01-6	-----Trichloroethene	26.	U
124-48-1	-----Dibromochloromethane	26.	U
79-00-5	-----1,1,2-Trichloroethane	26.	U
71-43-2	-----Benzene	26.	U
10061-02-6	-----trans-1,3-Dichloropropene	26.	U
75-25-2	-----Bromoform	26.	U
108-10-1	-----4-Methyl-2-Pentanone	52.	U
591-78-6	-----2-Hexanone	52.	U
127-18-4	-----Tetrachloroethene	2300.	E
79-34-5	-----1,1,2,2-Tetrachloroethane	26.	U
108-88-3	-----Toluene	26.	U
108-90-7	-----Chlorobenzene	26.	U
100-41-4	-----Ethylbenzene	26.	U
100-42-5	-----Styrene	26.	U
1330-20-7	-----Xylene (total)	26.	U

S 0027

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

S4

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 06

Matrix: (soil/water) SOIL

Lab Sample ID: 9135810

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: P7814

Level: (low/med) LOW

Date Received: 12/16/91

% Moisture: not dec. 4.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor: 5.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S4

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 06

Matrix: (soil/water) SOIL

Lab Sample ID: 9135810DL

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: P7827

Level: (low/med) ~~LOW~~ MED

Date Received: 12/16/91

% Moisture: not dec. 4.

Date Analyzed: 12/20/91

Column: (pack/cap) CAP

Dilution Factor: 125.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	1300.	U
74-83-9-----	Bromomethane	1300.	U
75-01-4-----	Vinyl Chloride	1300.	U
75-00-3-----	Chloroethane	1300.	U
75-09-2-----	Methylene Chloride	650.	U
67-64-1-----	Acetone	1300.	U
75-15-0-----	Carbon Disulfide	650.	U
75-35-4-----	1,1-Dichloroethene	650.	U
75-34-3-----	1,1-Dichloroethane	650.	U
540-59-0-----	1,2-Dichloroethene (total)	650.	U
67-66-3-----	Chloroform	650.	U
107-06-2-----	1,2-Dichloroethane	650.	U
78-93-3-----	2-Butanone	1300.	U
71-55-6-----	1,1,1-Trichloroethane	650.	U
56-23-5-----	Carbon Tetrachloride	650.	U
108-05-4-----	Vinyl Acetate	1300.	U
75-27-4-----	Bromodichloromethane	650.	U
78-87-5-----	1,2-Dichloropropane	650.	U
10061-01-5-----	cis-1,3-Dichloropropene	650.	U
79-01-6-----	Trichloroethene	650.	U
124-48-1-----	Dibromochloromethane	650.	U
79-00-5-----	1,1,2-Trichloroethane	650.	U
71-43-2-----	Benzene	650.	U
10061-02-6-----	trans-1,3-Dichloropropene	650.	U
75-25-2-----	Bromoform	650.	U
108-10-1-----	4-Methyl-2-Pentanone	1300.	U
591-78-6-----	2-Hexanone	1300.	U
127-18-4-----	Tetrachloroethene	650.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	650.	U
108-88-3-----	Toluene	650.	U
108-90-7-----	Chlorobenzene	650.	U
100-41-4-----	Ethylbenzene	650.	U
100-42-5-----	Styrene	650.	U
1330-20-7-----	Xylene (total)	650.	U

S 0029

H2M LABS, INC.

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

S4

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 06

Matrix: (soil/water) SOIL

Lab Sample ID: 9135610DL

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: P7827

Level: (low/med) LOW MED

Date Received: 12/16/91

% Moisture: not dec. 4.

Date Analyzed: 12/20/91

Column: (pack/cap) CAP

Dilution Factor: 125.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

55

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRC

SAS No.:

SDG No.: 06

Matrix: (soil/water) SOIL

Lab Sample ID: 9135811

Sample wt/vol: 4.800 (g/mL) G

Lab File ID: P7815

Level: (low/med) LOW

Date Received: 12/16/91

% Moisture: not dec. 22.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor: 1.04

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
74-87-3	-----Chloromethane	13.	U
74-83-9	-----Bromomethane	13.	U
75-01-4	-----Vinyl Chloride	13.	U
75-00-3	-----Chloroethane	13.	U
75-09-2	-----Methylene Chloride	7.	U
67-64-1	-----Acetone	13.	U
75-15-0	-----Carbon Disulfide	7.	U
75-35-4	-----1,1-Dichloroethene	7.	U
75-34-3	-----1,1-Dichloroethane	7.	U
540-59-0	-----1,2-Dichloroethene (total)	7.	U
67-66-3	-----Chloroform	7.	U
107-06-2	-----1,2-Dichloroethane	7.	U
78-93-3	-----2-Butanone	13.	U
71-55-6	-----1,1,1-Trichloroethane	7.	U
56-23-5	-----Carbon Tetrachloride	7.	U
108-05-4	-----Vinyl Acetate	13.	U
75-27-4	-----Bromodichloromethane	7.	U
78-87-5	-----1,2-Dichloropropane	7.	U
10061-01-5	-----cis-1,3-Dichloropropene	7.	U
79-01-6	-----Trichloroethene	7.	U
124-48-1	-----Dibromochloromethane	7.	U
79-00-5	-----1,1,2-Trichloroethane	7.	U
71-43-2	-----Benzene	7.	U
10061-02-6	-----trans-1,3-Dichloropropene	7.	U
75-25-2	-----Bromoform	7.	U
108-10-1	-----4-Methyl-2-Pentanone	13.	U
591-78-6	-----2-Hexanone	13.	U
127-18-4	-----Tetrachloroethene	19.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	7.	U
108-88-3	-----Toluene	7.	U
108-90-7	-----Chlorobenzene	7.	U
100-41-4	-----Ethylbenzene	7.	U
100-42-5	-----Styrene	7.	U
1330-20-7	-----Xylene (total)	7.	U

H2M LABS, INC.

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(516) 694-3040 FAX: (516) 694-4122

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

55

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CR0

SAS No.:

SDG No.: 06

Matrix: (soil/water) SOIL

Lab Sample ID: 9135811

Sample wt/vol: 4.800 (g/mL) G

Lab File ID: P7815

Level: (low/med) LOW

Date Received: 12/16/91

% Moisture: not dec. 22.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor: 1.04

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

36

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 06

Matrix: (soil/water) SOIL

Lab Sample ID: 9135812

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: P7816

Level: (low/med) LOW

Date Received: 12/16/91

% Moisture: not dec. 3.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	5.	U
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
540-59-0	-----1,2-Dichloroethene (total)	5.	U
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	5.	U
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

S 0033

H2M LABS, INC.

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

S6

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 06

Matrix: (soil/water) SOIL

Lab Sample ID: 9135812

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: P7816

Level: (low/med) LOW

Date Received: 12/16/91

% Moisture: not dec. 3.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

S7

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 06

Matrix: (soil/water) SOIL

Lab Sample ID: 9135813

Sample wt/vol: 4.800 (g/mL) G

Lab File ID: P7817

Level: (low/med) LOW

Date Received: 12/16/91

% Moisture: not dec. 6.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor: 1.04

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	-----Chloromethane	11.	U
74-83-9	-----Bromomethane	11.	U
75-01-4	-----Vinyl Chloride	11.	U
75-00-3	-----Chloroethane	11.	U
75-09-2	-----Methylene Chloride	6.	U
67-64-1	-----Acetone	11.	U
75-15-0	-----Carbon Disulfide	6.	U
75-35-4	-----1,1-Dichloroethene	6.	U
75-34-3	-----1,1-Dichloroethane	6.	U
540-59-0	-----1,2-Dichloroethene (total)	6.	U
67-66-3	-----Chloroform	6.	U
107-06-2	-----1,2-Dichloroethane	6.	U
78-93-3	-----2-Butanone	11.	U
71-55-6	-----1,1,1-Trichloroethane	6.	U
56-23-5	-----Carbon Tetrachloride	6.	U
108-05-4	-----Vinyl Acetate	11.	U
75-27-4	-----Bromodichloromethane	6.	U
78-87-5	-----1,2-Dichloropropane	6.	U
10061-01-5	-----cis-1,3-Dichloropropene	6.	U
79-01-6	-----Trichloroethene	6.	U
124-48-1	-----Dibromochloromethane	6.	U
79-00-5	-----1,1,2-Trichloroethane	6.	U
71-43-2	-----Benzene	6.	U
10061-02-6	-----trans-1,3-Dichloropropene	6.	U
75-25-2	-----Bromoform	6.	U
108-10-1	-----4-Methyl-2-Pentanone	11.	U
591-78-6	-----2-Hexanone	11.	U
127-18-4	-----Tetrachloroethene	6.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	6.	U
108-88-3	-----Toluene	6.	U
108-90-7	-----Chlorobenzene	6.	U
100-41-4	-----Ethylbenzene	6.	U
100-42-5	-----Styrene	6.	U
1330-20-7	-----Xylene (total)	6.	U

S C035

H2M LABS, INC.

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

57

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 06

Matrix: (soil/water) SOIL

Lab Sample ID: 9135813

Sample wt/vol: 4.800 (g/mL) G

Lab File ID: P7817

Level: (low/med) LOW

Date Received: 12/16/91

% Moisture: not dec. 6.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor: 1.04

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S8

Lab Name: H2M

Contract: NYSED

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 06

Matrix: (soil/water) SOIL

Lab Sample ID: 9135930

Sample wt/vol: 5.300 (g/mL) G

Lab File ID: P7853

Level: (low/med) LOW

Date Received: 12/17/91

% Moisture: not dec. 6.

Date Analyzed: 12/23/91

Column: (pack/cap) CAP

Dilution Factor: .94

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl Chloride	10.	U
75-00-3	Chloroethane	10.	U
75-09-2	Methylene Chloride	5.	U
67-64-1	Acetone	10.	U
75-15-0	Carbon Disulfide	5.	U
75-35-4	1,1-Dichloroethene	5.	U
75-34-3	1,1-Dichloroethane	5.	U
540-59-0	1,2-Dichloroethene (total)	5.	U
67-66-3	Chloroform	5.	U
107-06-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon Tetrachloride	5.	U
108-05-4	Vinyl Acetate	10.	U
75-27-4	Bromodichloromethane	5.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
79-01-6	Trichloroethene	5.	U
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
75-25-2	Bromoform	5.	U
108-10-1	4-Methyl-2-Pentanone	10.	U
591-78-6	2-Hexanone	10.	U
127-18-4	Tetrachloroethene	14.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
108-88-3	Toluene	5.	U
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
100-42-5	Styrene	5.	U
1330-20-7	Xylene (total)	5.	U

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

58

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 06

Matrix: (soil/water) SOIL

Lab Sample ID: 9135930

Sample wt/vol: 5.300 (g/mL) G

Lab File ID: P7853

Level: (low/med) LOW

Date Received: 12/17/91

% Moisture: not dec. 6.

Date Analyzed: 12/23/91

Column: (pack/cap) CAP

Dilution Factor: .94

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

FIELD BLK

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 06

Matrix: (soil/water) WATER

Lab Sample ID: 9135932

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3029

Level: (low/med) LOW

Date Received: 12/17/91

% Moisture: not dec. 100.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	3.	BJ
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
540-59-0	-----1,2-Dichloroethene (total)	5.	U
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	5.	U
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

S 0039

H2M LABS, INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3000 FAX (516) 694-3001

Lab Name: H2M

Contract: NYSDEC

FIELD BLK

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 06

Matrix: (soil/water) WATER

Lab Sample ID: 9135932

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3029

Level: (low/med) LOW

Date Received: 12/17/91

% Moisture: not dec. 100.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

375 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

TRIPBLK

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 06

Matrix: (soil/water) WATER

Lab Sample ID: 9135933

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3035

Level: (low/med) LOW

Date Received: 12/17/91

% Moisture: not dec. 100.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/L	Q
74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	1.	BJ
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
540-59-0	-----1,2-Dichloroethene (total)	5.	U
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	5.	U
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	.8	J
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	.9	J
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLK

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 06

Matrix: (soil/water) WATER

Lab Sample ID: 9135933

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3035

Level: (low/med) LOW

Date Received: 12/17/91

% Moisture: not dec. 100.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

1A

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW1868

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 011

Matrix: (soil/water) SOIL

Lab Sample ID: 9203032

Sample wt/vol: 5.200 (g/mL) G

Lab File ID: P8096

Level: (low/med) LOW

Date Received: 1/29/92

% Moisture: not dec. 2.

Date Analyzed: 2/ 3/92

Column: (pack/cap) CAP

Dilution Factor: .96

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
540-59-0-----	1,2-Dichloroethene (total)	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylene (total)	5.	U

S 0015

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11791
(516) 694-3040 FAX (516) 694-3130

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

MW1568

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 011

Matrix: (soil/water) SOIL

Lab Sample ID: 9203032

Sample wt/vol: 5.200 (g/mL) G

Lab File ID: P8096

Level: (low/med) LOW

Date Received: 1/28/92

% Moisture: not dec. 2.

Date Analyzed: 2/ 3/92

Column: (pack/cap) CAP

Dilution Factor: .96

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

MW2S

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 011

Matrix: (soil/water) SOIL

Lab Sample ID: 9203033

Sample wt/vol: 4.800 (g/mL) G

Lab File ID: P8099

Level: (low/med) LOW

Date Received: 1/29/92

% Moisture: not dec. 5.

Date Analyzed: 2/ 3/92

Column: (pack/cap) CAP

Dilution Factor: 1.04

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
540-59-0-----	1,2-Dichloroethene (total)	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylene (total)	5.	U

S 0017

H2M LABS, INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, N.Y. 11764
(516) 694-3040 FAX (516) 694-4130

MW25

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 011

Matrix: (soil/water) SOIL

Lab Sample ID: 9203033

Sample wt/vol: 4.800 (g/mL) G

Lab File ID: P8099

Level: (low/med) LOW

Date Received: 1/29/92

% Moisture: not dec. 5.

Date Analyzed: 2/ 3/92

Column: (pack/cap) CAP

Dilution Factor: 1.04

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

1A

573 Broad Hollow Road, Melville, N.Y. 11767
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M

Contract: NYSDOC

MW3568

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 011

Matrix: (soil/water) SOIL

Lab Sample ID: 9203034

Sample wt/vol: 4.900 (g/mL) G

Lab File ID: P8100

Level: (low/med) LOW

Date Received: 1/28/92

% Moisture: not dec. 16.

Date Analyzed: 2/ 3/92

Column: (pack/cap) CAP

Dilution Factor: 1.02

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

74-87-3	-----Chloromethane	12.	U
74-83-9	-----Bromomethane	12.	U
75-01-4	-----Vinyl Chloride	12.	U
75-00-3	-----Chloroethane	12.	U
75-09-2	-----Methylene Chloride	6.	U
67-64-1	-----Acetone	12.	U
75-15-0	-----Carbon Disulfide	6.	U
75-35-4	-----1,1-Dichloroethene	6.	U
75-34-3	-----1,1-Dichloroethane	6.	U
540-59-0	-----1,2-Dichloroethene (total)	6.	U
67-66-3	-----Chloroform	6.	U
107-06-2	-----1,2-Dichloroethane	6.	U
78-93-3	-----2-Butanone	12.	U
71-55-6	-----1,1,1-Trichloroethane	6.	U
56-23-5	-----Carbon Tetrachloride	6.	U
108-05-4	-----Vinyl Acetate	12.	U
75-27-4	-----Bromodichloromethane	6.	U
78-87-5	-----1,2-Dichloropropane	6.	U
10061-01-5	-----cis-1,3-Dichloropropene	6.	U
79-01-6	-----Trichloroethene	30.	U
124-48-1	-----Dibromochloromethane	6.	U
79-00-5	-----1,1,2-Trichloroethane	6.	U
71-43-2	-----Benzene	6.	U
10061-02-6	-----trans-1,3-Dichloropropene	6.	U
75-25-2	-----Bromoform	6.	U
108-10-1	-----4-Methyl-2-Pentanone	12.	U
591-78-6	-----2-Hexanone	12.	U
127-18-4	-----Tetrachloroethene	19.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	6.	U
108-88-3	-----Toluene	6.	U
108-90-7	-----Chlorobenzene	6.	U
100-41-4	-----Ethylbenzene	6.	U
100-42-5	-----Styrene	6.	U
1330-20-7	-----Xylene (total)	6.	U

S 0019

H2M LABS. INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, N.Y. 11791
(516) 694-3040 FAX (516) 694-4100

MW3568

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CR0

SAS No.:

SDG No.: 011

Matrix: (soil/water) SOIL

Lab Sample ID: 9203034

Sample wt/vol: 4.900 (g/mL) G

Lab File ID: PB100

Level: (low/med) LOW

Date Received: 1/28/92

% Moisture: not dec. 16.

Date Analyzed: 2/3/92

Column: (pack/cap) CAP

Dilution Factor: 1.02

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

1A

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD BLK

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 011

Matrix: (soil/water) WATER

Lab Sample ID: 9203035

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P8113

Level: (low/med) LOW

Date Received: 1/28/92

% Moisture: not dec. 100.

Date Analyzed: 2/ 4/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	5.	U
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
540-59-0	-----1,2-Dichloroethene (total)	5.	U
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	5.	U
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

S 0021

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX (516) 694-3122

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

FIELD BLK

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 011

Matrix: (soil/water) WATER

Lab Sample ID: 9203035

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P8113

Level: (low/med) LOW

Date Received: 1/28/92

% Moisture: not dec. 100.

Date Analyzed: 2/ 4/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 540841	2,4-Dimethyl Pentane	6.49	9	5
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H2M LABS, INC.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

575 Broad Hollow Road, Melville, N.Y. 11767
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO

TRIPBLK

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 011

Matrix: (soil/water) WATER

Lab Sample ID: 9203036

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P8114

Level: (low/med) LOW

Date Received: 1/28/92

% Moisture: not dec. 100.

Date Analyzed: 2/ 4/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
540-59-0-----	1,2-Dichloroethene (total)	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylene (total)	5.	U

S 0023

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX (516) 694-3123

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

TRIPBLK

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 011

Matrix: (soil/water) WATER

Lab Sample ID: 9203036

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P8114

Level: (low/med) LOW

Date Received: 1/28/92

% Moisture: not dec. 100.

Date Analyzed: 2. 4/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. - -	UNKNOWN	6.48	5.	J
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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11767
(516) 694-3040 FAX: (516) 694-4122

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

1S

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204217

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3434

Level: (low/med) LOW

Date Received: 2/ 6/92

% Moisture: not dec. 100.

Date Analyzed: 2/12/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	2.	BJ
67-64-1	-----Acetone	3.	BJ
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
540-59-0	-----1,2-Dichloroethene (total)	3.	J
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	3.	J
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	150.	
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX (516) 694-4122
EPA SAMPLE NO. 15

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204217

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3434

Level: (low/med) LOW

Date Received: 2/ 6/92

% Moisture: not dec. 100.

Date Analyzed: 2/12/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 67-63-0	2-PROPANOL	3.42	6.	BJ
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H2M LABS, INC.

7300 Old Forge Road, Suite 100
 Erie, PA 16510
 814-861-1111
 FAX 814-861-1112
 ERIE SAMPLE NO. 1

LA VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M Contract: NYSDEC
 Lab Code: H2M Case No.: CRC SAS No.: EOC No.: 217
 Matrix: (soil/water) WATER Lab Sample ID: 9204018
 Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V3433
 Level: (low/med) LOW Date Received: 12-5-92
 Moisture: not dec. 100. Date Analyzed: 1/13/93
 Column: (pack/cap) CAP Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) US/L	
74-87-3	Chloromethane	10.	10
74-83-9	Bromomethane	10.	10
75-01-4	Vinyl Chloride	10.	10
75-00-3	Chloroethane	10.	10
75-09-2	Methylene Chloride	2.	100
67-64-1	Acetone	10.	10
75-15-0	Carbon Disulfide	5.	10
75-35-4	1,1-Dichloroethene	5.	10
75-34-3	1,1-Dichloroethane	5.	10
540-59-0	1,2-Dichloroethene (total)	5.	10
67-66-3	Chloroform	5.	10
107-06-2	1,2-Dichloroethane	5.	10
78-93-3	2-Butanone	10.	10
71-55-6	1,1,1-Trichloroethane	5.	10
56-23-5	Carbon Tetrachloride	5.	10
108-05-4	Vinyl Acetate	10.	10
75-27-4	Bromodichloromethane	5.	10
78-87-5	1,2-Dichloropropane	5.	10
10061-01-5	cis-1,3-Dichloropropene	5.	10
79-01-6	Trichloroethene	5.	10
124-43-1	Dibromochloromethane	5.	10
79-00-3	1,1,2-Trichloroethane	5.	10
71-43-2	Benzene	5.	10
10061-02-6	trans-1,3-Dichloropropene	5.	10
75-25-2	Bromoform	5.	10
108-10-1	4-Methyl-2-Pentanone	10.	10
591-78-6	2-Hexanone	10.	10
127-18-4	Tetrachloroethene	5.	10
79-34-5	1,1,2,2-Tetrachloroethane	5.	10
108-88-3	Toluene	5.	10
108-90-7	Chlorobenzene	5.	10
100-41-4	Ethylbenzene	5.	10
100-42-5	Styrene	5.	10
1330-20-7	Xylene (total)	5.	10

V 0287

H2M LABS. INC.

375 Broad Hollow Road, Melville, NY 11747
(516) 494-3040 FAX (516) 494-3000
EPA-SUPERFUND

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

28

Lab Name: H2M

Contract: NYSDOC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204213

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3435

Level: (low/med) LOW

Date Received: 2/ 6/92

% Moisture: not dec. 100.

Date Analyzed: 2/12/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11761
(516) 694-3040 FAX: (516) 694-4122

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

35

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204219

Sample wt/vol: 3.000 (g/mL) ML

Lab File ID: V3436

Level: (low/med) LOW

Date Received: 2/ 6/92

% Moisture: not dec. 100.

Date Analyzed: 2/12/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	2.	BJ
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
540-59-0	-----1,2-Dichloroethene (total)	21.	
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	100.	
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	13.	
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

V 0295

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

3S

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204219

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3436

Level: (low/med) LOW

Date Received: 2/ 6/92

% Moisture: not dec. 100.

Date Analyzed: 2/12/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

FIELD BLK

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204222

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3439

Level: (low/med) LOW

Date Received: 2/ 6/92

% Moisture: not dec. 100.

Date Analyzed: 2/12/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	2.	BJ
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
540-59-0	-----1,2-Dichloroethene (total)	5.	U
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	5.	U
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

V C306

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11767
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.:

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

FIELD BLK

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204222

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3439

Level: (low/med) LOW

Date Received: 2/ 6/92

% Moisture: not dec. 100.

Date Analyzed: 2/12/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11767
(516) 694-3040 FAX: (516) 694-4122

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

FIELD BLK

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204295

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3433

Level: (low/med) LOW

Date Received: 2/ 7/92

% Moisture: not dec. 100.

Date Analyzed: 2/13/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	2.	BJ
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
540-59-0	-----1,2-Dichloroethene (total)	5.	U
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	5.	U
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

V C314

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX (516) 694-4622

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

FIELD BLK

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204295

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3453

Level: (low/med) LOW

Date Received: 2/ 7/92

% Moisture: not dec. 100.

Date Analyzed: 2/13/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11767
(516) 694-3040 FAX (516) 694-4122

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

TRIPBLK.

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204296

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3454

Level: (low/med) LOW

Date Received: 2/ 7/92

% Moisture: not dec. 100.

Date Analyzed: 2/13/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	2.	BJ
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
540-59-0-----	1,2-Dichloroethene (total)	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylene (total)	5.	U

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX (516) 694-4622
EPA SAMPLE NO.:

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

TRIPBLK.

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204296

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3454

Level: (low/med) LOW

Date Received: 2/ 7/92

% Moisture: not dec. 100.

Date Analyzed: 2/13/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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August Thomsen
Soil and Groundwater
Laboratory Results

H2M LABS, INC.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

175 Broad Hollow Road, Melville, NY 11747
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

SGP@#5

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9133932

Sample wt/vol: 4.200 (g/mL) G

Lab File ID: P7477

Level: (low/med) LOW

Date Received: 11/25/91

% Moisture: not dec. 6.

Date Analyzed: 12/ 2/91

Column: (pack/cap) CAP

Dilution Factor: 1.19

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

74-87-3-----	Chloromethane	13.	U
74-83-9-----	Bromomethane	13.	U
75-01-4-----	Vinyl Chloride	13.	U
75-00-3-----	Chloroethane	13.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	13.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
540-59-0-----	1,2-Dichloroethene (total)	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	13.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
108-05-4-----	Vinyl Acetate	13.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	13.	U
591-78-6-----	2-Hexanone	13.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
1330-20-7-----	Xylene (total)	6.	U

H2M LABS, INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, NY 11747
(516) 694-3040 FAX (516) 694-1122

Lab Name: H2M

Contract: NYSDEC

SGP@#5

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9133932

Sample wt/vol: 4.200 (g/mL) G

Lab File ID: P7477

Level: (low/med) LOW

Date Received: 11/25/91

% Moisture: not dec. 6.

Date Analyzed: 12/ 2/91

Column: (pack/cap) CAP

Dilution Factor: 1.19

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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RECEIVED

100-235

CONTRACT FINANCED

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Job Sample ID: 917 67

LEAD: 11-00000-16-000

Date Recd: 11-2-01

Date Analyzed: 12-11-93

Dilution Factor: 1.0

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 $(\text{ug/L or ug/Kg}) \times \text{ug/Kg}$

1

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. 31

SGP# 23

Lab Name: H2M LABS INC.

Contract: NYSDEC

Lab Code: H2M

Case No.: CRD

SAS No.: -----

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9133933

Sample wt/vol: 4.4 (g/mL) G

Lab File ID: >P7473

Level: (low/med) LOW

Date Received: 11/25/91

% Moisture: not rep. 12

Date Analyzed: 12/02/91

Column: CAP

Dilution Factor: 1.00000

Number TICs found: 11

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	11.21	34.	J
2.	Unknown	12.07	6.	J
3.	UNKNOWN HYDROCARBON	12.70	12.	J
4.	UNKNOWN HYDROCARBON	13.18	53.	J
5.	UNKNOWN CYCLIC CPD.	13.41	58.	J
6.	UNKNOWN HYDROCARBON	13.72	54.	J
7.	UNKNOWN HYDROCARBON	14.22	190.	J
8.	UNKNOWN HYDROCARBON	14.45	220.	J
9.	UNKNOWN HYDROCARBON	15.01	520.	J
10.	UNKNOWN HYDROCARBON	15.30	140.	J
11.	UNKNOWN HYDROCARBON	16.11	480.	J
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H2M LABS, INC.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

575 Broad Hollow Road, Melville, NY 11747
(516) 494-0040 FAX: (516) 494-4122
EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

SGP@#31

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9133933

Sample wt/vol: 4.400 (g/mL) G

Lab File ID: P7475

Level: (low/med) LOW

Date Received: 11/25/91

% Moisture: not dec. 12.

Date Analyzed: 12/ 2/91

Column: (pack/cap) CAP

Dilution Factor: 1.14

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

74-87-3-----	Chloromethane	13.	U
74-83-9-----	Bromomethane	13.	U
75-01-4-----	Vinyl Chloride	13.	U
75-00-3-----	Chloroethane	13.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	13.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
540-59-0-----	1,2-Dichloroethene (total)	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	13.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
108-05-4-----	Vinyl Acetate	13.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	13.	U
591-78-6-----	2-Hexanone	13.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
1330-20-7-----	Xylene (total)	6.	U

H2M LABS, INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-1000 FAX (516) 694-1001

Lab Name: H2M

Contract: NYSDEC

SGPQ#31

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9133933

Sample wt/vol: 4.400 (g/mL) G

Lab File ID: P7475

Level: (low/med) LOW

Date Received: 11/25/91

% Moisture: not dec. 12.

Date Analyzed: 12/ 2/91

Column: (pack/cap) CAP

Dilution Factor: 1.14

Number TICs found: 12

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	11.20	20.	J
2.	UNKNOWN CYCLIC CPD.	11.70	8.	J
3.	UNKNOWN	12.06	8.	J
4.	UNKNOWN CYCLIC CPD.	12.70	8.	J
5.	UNKNOWN HYDROCARBON	13.19	60.	J
6.	UNKNOWN	13.42	50.	J
7.	UNKNOWN HYDROCARBON	13.73	60.	J
8.	UNKNOWN HYDROCARBON	14.44	300.	J
9.	UNKNOWN HYDROCARBON	15.02	700.	J
10.	UNKNOWN HYDROCARBON	15.30	200.	J
11.	UNKNOWN CYCLIC CPD.	15.77	400.	J
12.	UNKNOWN HYDROCARBON	16.11	600.	J
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H2M LABS, INC.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX (516) 694-4122
EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

SGPQ#33

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9133934

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: P7476

Level: (low/med) LOW

Date Received: 11/25/91

% Moisture: not dec. 7.

Date Analyzed: 12/ 2/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
540-59-0-----	1,2-Dichloroethene (total)	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	8.	
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylene (total)	5.	U

H2M LABS, INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, NY 11747
(516) 694-3000 FAX (516) 694-3001

SGP@#33

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9133934

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: P7476

Level: (low/med) LOW

Date Received: 11/25/91

% Moisture: not dec. 7.

Date Analyzed: 12/ 2/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

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575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M

Contract: NYSDEC

SGP@#37

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9133935

Sample wt/vol: 4.400 (g/mL) G

Lab File ID: P7474

Level: (low/med) LOW

Date Received: 11/25/91

% Moisture: not dec. 24.

Date Analyzed: 12/ 2/91

Column: (pack/cap) CAP

Dilution Factor: 1.14

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

74-87-3	-----Chloromethane	15.	U
74-83-9	-----Bromomethane	15.	U
75-01-4	-----Vinyl Chloride	15.	U
75-00-3	-----Chloroethane	15.	U
75-09-2	-----Methylene Chloride	7.	U
67-64-1	-----Acetone	15.	U
75-15-0	-----Carbon Disulfide	7.	U
75-35-4	-----1,1-Dichloroethene	7.	U
75-34-3	-----1,1-Dichloroethane	7.	U
540-59-0	-----1,2-Dichloroethene (total)	7.	U
67-66-3	-----Chloroform	7.	U
107-06-2	-----1,2-Dichloroethane	7.	U
78-93-3	-----2-Butanone	15.	U
71-55-6	-----1,1,1-Trichloroethane	7.	U
56-23-5	-----Carbon Tetrachloride	7.	U
108-05-4	-----Vinyl Acetate	15.	U
75-27-4	-----Bromodichloromethane	7.	U
78-87-5	-----1,2-Dichloropropane	7.	U
10061-01-5	-----cis-1,3-Dichloropropene	7.	U
79-01-6	-----Trichloroethene	7.	U
124-48-1	-----Dibromochloromethane	7.	U
79-00-5	-----1,1,2-Trichloroethane	7.	U
71-43-2	-----Benzene	7.	U
10061-02-6	-----trans-1,3-Dichloropropene	7.	U
75-25-2	-----Bromoform	7.	U
108-10-1	-----4-Methyl-2-Pentanone	15.	U
591-78-6	-----2-Hexanone	15.	U
127-18-4	-----Tetrachloroethene	7.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	7.	U
108-88-3	-----Toluene	7.	U
108-90-7	-----Chlorobenzene	7.	U
100-41-4	-----Ethylbenzene	7.	U
100-42-5	-----Styrene	7.	U
1330-20-7	-----Xylene (total)	7.	U

H2M LABS, INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 894-3040 FAX (516) 894-3041

Lab Name: H2M

Contract: NYSDEC

SGP#37

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) SOIL

Lab Sample ID: 9133935

Sample wt/vol: 4.400 (g/mL) G

Lab File ID: P7474

Level: (low/med) LOW

Date Received: 11/25/91

% Moisture: not dec. 24.

Date Analyzed: 12/ 2/91

Column: (pack/cap) CAP

Dilution Factor: 1.14

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 594-3040 FAX: (516) 594-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M

Contract: NYSDEC

FIELD BLK

Lab Code: H2M

Case No.: URO

SAS No.:

SDG No.: 001

Matrix: (soil/water) WATER

Lab Sample ID: 9133937

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7422

Level: (low/med) LOW

Date Received: 11/25/91

% Moisture: not dec. 100.

Date Analyzed: 11/27/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
540-59-0-----	1,2-Dichloroethene (total)	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylene (total)	5.	U

H2M LABS, INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3600 FAX (516) 694-3601

Lab Name: H2M

Contract: NYSDEC

FIELD BLK

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) WATER

Lab Sample ID: 9133937

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7422

Level: (low/med) LOW

Date Received: 11/25/91

Moisture: not dec. 100.

Date Analyzed: 11/27/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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H2M LABS, INC.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

TRIPBLK

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) WATER

Lab Sample ID: 9133938

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7423

Level: (low/med) LOW

Date Received: 11/25/91

Moisture: not dec. 100.

Date Analyzed: 11/27/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
540-59-0-----	1,2-Dichloroethene (total)	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylene (total)	5.	U

H2M LABS, INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, NY 11747
(516) 694-3040 FAX (516) 694-3042

Lab Name: H2M

Contract: NYSDEC

TRIPBLK

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) WATER

Lab Sample ID: 9133938

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7423

Level: (low/med) LOW

Date Received: 11/25/91

Moisture: not dec. 100.

Date Analyzed: 11/27/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	- - UNKNOWN HYDROCARBON	6.50	10.	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW1A

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: CRO010

Matrix: (soil/water) SOIL

Lab Sample ID: 9202514

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: P9039

Level: (low/med) LOW

Date Received: 1/23/92

% Moisture: not dec. 15.

Date Analyzed: 1/23/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12.	U
74-83-9	Bromomethane	12.	U
75-01-4	Vinyl Chloride	12.	U
75-00-3	Chloroethane	12.	U
75-09-2	Methylene Chloride	6.	U
67-64-1	Acetone	34.	
75-15-0	Carbon Disulfide	6.	U
75-35-4	1,1-Dichloroethene	6.	U
75-34-3	1,1-Dichloroethane	6.	U
540-59-0	1,2-Dichloroethene (total)	6.	U
67-66-3	Chloroform	6.	U
107-06-2	1,2-Dichloroethane	6.	U
78-93-3	2-Butanone	9.	J
71-55-6	1,1,1-Trichloroethane	6.	U
56-23-5	Carbon Tetrachloride	6.	U
108-05-4	Vinyl Acetate	12.	U
75-27-4	Bromodichloromethane	6.	U
78-87-5	1,2-Dichloropropane	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U
79-01-6	Trichloroethene	6.	U
124-48-1	Dibromochloromethane	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U
71-43-2	Benzene	6.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U
75-25-2	Bromoform	6.	U
108-10-1	4-Methyl-2-Pentanone	12.	U
591-78-6	2-Hexanone	12.	U
127-18-4	Tetrachloroethene	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U
108-88-3	Toluene	8.	
108-90-7	Chlorobenzene	6.	U
100-41-4	Ethylbenzene	6.	U
100-42-5	Styrene	6.	U
1330-20-7	Xylene (total)	6.	U

S 0015

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11767
(516) 694-3040 FAX: (516) 694-4122

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW1A

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRC

SAS No.:

SDG No.: CRO010

Matrix: (soil/water) SOIL

Lab Sample ID: 9202514

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: P8039

Level: (low/med) LOW

Date Received: 1/23/92

% Moisture: not dec. 15.

Date Analyzed: 1/23/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW2A

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: CRO010

Matrix: (soil/water) SOIL

Lab Sample ID: 9202515

Sample wt/vol: 5.300 (g/mL) G

Lab File ID: P8040

Level: (low/med) LOW

Date Received: 1/23/92

% Moisture: not dec. 12.

Date Analyzed: 1/23/92

Column: (pack/cap) CAP

Dilution Factor: .94

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	G
74-87-3	Chloromethane	11.	U
74-83-9	Bromomethane	11.	U
75-01-4	Vinyl Chloride	6.	J
75-00-3	Chloroethane	11.	U
75-09-2	Methylene Chloride	5.	U
67-64-1	Acetone	25.	
75-15-0	Carbon Disulfide	5.	U
75-35-4	1,1-Dichloroethene	5.	U
75-34-3	1,1-Dichloroethane	5.	U
540-59-0	1,2-Dichloroethene (total)	10.	
67-66-3	Chloroform	5.	U
107-06-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone	11.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon Tetrachloride	5.	U
108-05-4	Vinyl Acetate	11.	U
75-27-4	Bromodichloromethane	5.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
79-01-6	Trichloroethene	6.	
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
75-25-2	Bromoform	5.	U
108-10-1	4-Methyl-2-Pentanone	11.	U
591-78-6	2-Hexanone	11.	U
127-18-4	Tetrachloroethene	43.	
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
108-88-3	Toluene	3.	J
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
100-42-5	Styrene	5.	U
1330-20-7	Xylene (total)	36.	S 0017

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MM2A

Lab Name: H2M

Contract: NYSDEC

Lab Code: HCM

Case No.: CRC

SAS No.:

SDG No.: CRC010

Matrix: (soil/water) SOIL

Lab Sample ID: 9202513

Sample wt/vol: 5.300 (g/mL) G

Lab File ID: P8040

Level: (low/med) LOW

Date Received: 1/23/92

% Moisture: not det. 12.

Date Analyzed: 1/23/92

Column: (pack/cap) CAP

Dilution Factor: .94

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.59	5.	J
2.	UNKNOWN	13.87	80.	J
3.	UNKNOWN	10.97	36.	J
4.	UNKNOWN	11.22	200.	J
5.	UNKNOWN	11.67	50.	J
6.	UNKNOWN	12.68	29.	J
7.	UNKNOWN	14.17	200.	J
8.	UNKNOWN	14.42	33.	J
9.	UNKNOWN	14.47	29.	J
10.	UNKNOWN	14.98	73.	J
11.	UNKNOWN	15.82	92.	J
12.	UNKNOWN	16.13	18.	J
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S 0018

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELDBLK

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 010

Matrix: (soil/water) WATER

Lab Sample ID: 9202610

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P8050

Level: (low/med) LOW

Date Received: 1/23/92

% Moisture: not dec. 100.

Date Analyzed: 1/24/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	5.	U
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
540-59-0	-----1,2-Dichloroethene (total)	5.	U
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	4.	BJ
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	5.	U
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

0019

H2M LABS, INC.

575 Broad Hollow Road, Melville, NY 117
(516) 694-3040 FAX: (516) 694-4122

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELDBLK

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRC

SAS No.:

SDG No.: 010

Matrix: (soil/water) WATER

Lab Sample ID: 9202610

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P8050

Level: (low/med) LOW

Date Received: 1/23/92

% Moisture: not dec. 100.

Date Analyzed: 1/24/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN HYDROCARBON	6.49	30.	J
2. - -	UNKNOWN HYDROCARBON	10.04	6.	J
3. - -	UNKNOWN HYDROCARBON	12.85	7.	J
4. - -	UNKNOWN HYDROCARBON	13.18	30.	J
5. - -	UNKNOWN	14.19	20.	J
6. - -	UNKNOWN HYDROCARBON	14.45	6.	J
7. - -	UNKNOWN HYDROCARBON	15.31	10.	J
8. - -	UNKNOWN	15.64	10.	J
9. - -	UNKNOWN	15.81	10.	J
10. - -	UNKNOWN	16.12	50.	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPLEK

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 010

Matrix: (soil/water) WATER

Lab Sample ID: 9202611

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P8031

Level: (low/med) LOW

Date Received: 1/23/92

% Moisture: not dec. 100.

Date Analyzed: 1/24/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L G

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
540-59-0-----	1,2-Dichloroethene (total)	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylene (total)	5.	U

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLK

Lab Name: HCM

Contract: NYSDEC

Lab Code: HCM

Case No.: CRO

SAS No.:

SDG No.: 010

Matrix: (soil/water) WATER

Lab Sample ID: 9202611

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P8051

Level: (low/med) LOW

Date Received: 1/23/92

% Moisture: not dec. 100.

Date Analyzed: 1/24/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN HYDROCARBON	15.38	40.	J
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S 6022

H2M LABS, INC.

575 Broad Hollow Road, Menville, NY 11747
(516) 694-3040 FAX (516) 694-4122

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

1A

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204220

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3437

Level: (low/med) LOW

Date Received: 2/ 6/92

Moisture: not dec. 100.

Date Analyzed: 2/12/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION, UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	---	---

74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	130.	
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	2.	BJ
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	9.	
75-34-3	-----1,1-Dichloroethane	15.	
540-59-0	-----1,2-Dichloroethene (total)	380.	E
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	16.	
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	320.	E
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	2.	J
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	320.	E
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

H2M LABS, INC.

575 Broad Hollow Road, Melville, NY 11747
(516) 694-3040 FAX (516) 694-3022
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

1A

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204220

Sample Wt/vol: 5.000 (g/mL) ML

Lab File ID: V3437

Level: (low/med) LOW

Date Received: 2/ 6/92

Moisture: not dec. 100.

Date Analyzed: 2/12/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CONCENTRATION UNITS:

Number TICs found: 3

(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	354-23-4 Ethane, 1,2-dichloro-1,1,2-trichloro	3.11	60.	J
2.	76-13-1 Ethane, 1,1,2-trichloro-1,2,2-trichloro	3.47	600.	J
3.	75-65-0 2-Propanol, 2-methyl-	3.69	9.	J
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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11791
(516) 694-3040 FAX: (516) 694-4122

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M

Contract: NYSDEC

1A

DL

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204220DL

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3463

Level: (low/med) LOW

Date Received: 2/ 6/92

% Moisture: not dec. 100.

Date Analyzed: 2/13/92

Column: (pack/cap) CAP

Dilution Factor: 5.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3-----	Chloromethane	50.	U
74-83-9-----	Bromomethane	50.	U
75-01-4-----	Vinyl Chloride	110.	D
75-00-3-----	Chloroethane	50.	U
75-09-2-----	Methylene Chloride	23.	BJ D
67-64-1-----	Acetone	50.	U
75-15-0-----	Carbon Disulfide	25.	U
75-35-4-----	1,1-Dichloroethene	25.	U
75-34-3-----	1,1-Dichloroethane	14.	J D
540-59-0-----	1,2-Dichloroethene (total)	480.	D
67-66-3-----	Chloroform	25.	U
107-06-2-----	1,2-Dichloroethane	25.	U
78-93-3-----	2-Butanone	50.	U
71-55-6-----	1,1,1-Trichloroethane	25.	U
56-23-5-----	Carbon Tetrachloride	25.	U
108-05-4-----	Vinyl Acetate	50.	U
75-27-4-----	Bromodichloromethane	25.	U
78-87-5-----	1,2-Dichloropropane	25.	U
10061-01-5-----	cis-1,3-Dichloropropene	25.	U
79-01-6-----	Trichloroethene	380.	D
124-48-1-----	Dibromochloromethane	25.	U
79-00-5-----	1,1,2-Trichloroethane	25.	U
71-43-2-----	Benzene	25.	U
10061-02-6-----	trans-1,3-Dichloropropene	25.	U
75-25-2-----	Bromoform	25.	U
108-10-1-----	4-Methyl-2-Pentanone	50.	U
591-78-6-----	2-Hexanone	50.	U
127-18-4-----	Tetrachloroethene	410.	D
79-34-5-----	1,1,2,2-Tetrachloroethane	25.	U
108-88-3-----	Toluene	25.	U
108-90-7-----	Chlorobenzene	25.	U
100-41-4-----	Ethylbenzene	25.	U
100-42-5-----	Styrene	25.	U
1330-20-7-----	Xylene (total)	25.	U

V C034

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11767
(516) 694-3040 FAX (516) 694-4622
EPA SAMPLE NO. 9204220DL

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

1A

DL

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204220DL

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3463

Level: (low/med) LOW

Date Received: 2/ 6/92

% Moisture: not dec. 100.

Date Analyzed: 2/13/92

Column: (pack/cap) CAP

Dilution Factor: 5.00

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	354-23-4 Ethane, 1,2-dichloro-1,1,2-tri	3.12	50.	J
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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11791
(516) 694-3040 FAX (516) 694-4122

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

2A

Lab Code: H2M

Case No.: GRO

SAB No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204221

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3438

Level: (low/med) LOW

Date Received: 2/ 6/92

% Moisture: not dec. 100.

Date Analyzed: 2/12/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	180.	
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	2.	BJ
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	3.	J
75-34-3	-----1,1-Dichloroethane	6.	
540-59-0	-----1,2-Dichloroethene (total)	450.	E
67-66-3	-----Chloroform	28.	
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	3.	J
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	65.	
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	160.	
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX (516) 694-4622
EPA SAMPLE NO. 2A

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204221

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3438

Level: (low/med) LOW

Date Received: 2/ 6/92

% Moisture: not dec. 100.

Date Analyzed: 2/12/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 354-23-4	Ethane, 1,2-dichloro-1,1,2-trifluoro	3.09	20.	J
2. 76-13-1	Ethane, 1,1,2-trichloro-1,2,2-trifluoro	3.44	200.	J
3. - -	UNKNOWN	3.67	5.	J
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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 594-3040 FAX: (516) 594-4122

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

2A

DL

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204221DL

Sample wt./vol: 5.000 (g./mL) ML

Lab File ID: V3464

Level: (low/med) LOW

Date Received: 2/ 6/92

% Moisture: not dec. 100.

Date Analyzed: 2.13.92

Column: (pack/cap) CAP

Dilution Factor: 5.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
74-87-3	-----Chloromethane	50.	U	
74-83-9	-----Bromomethane	50.	U	
75-01-4	-----Vinyl Chloride	150.		D
75-00-3	-----Chloroethane	50.	U	
75-09-2	-----Methylene Chloride	8.	BJ	D
67-64-1	-----Acetone	50.	U	
75-15-0	-----Carbon Disulfide	25.	U	
75-35-4	-----1,1-Dichloroethene	15.	J	D
75-34-3	-----1,1-Dichloroethane	25.	U	
540-59-0	-----1,2-Dichloroethene (total)	620.		D
67-66-3	-----Chloroform	29.		D
107-06-2	-----1,2-Dichloroethane	25.	U	
78-93-3	-----2-Butanone	50.	U	
71-55-6	-----1,1,1-Trichloroethane	25.	U	
56-23-5	-----Carbon Tetrachloride	25.	U	
108-05-4	-----Vinyl Acetate	50.	U	
75-27-4	-----Bromodichloromethane	25.	U	
78-87-5	-----1,2-Dichloropropane	25.	U	
10061-01-5	-----cis-1,3-Dichloropropene	25.	U	
79-01-6	-----Trichloroethene	67.		D
124-48-1	-----Dibromochloromethane	25.	U	
79-00-5	-----1,1,2-Trichloroethane	25.	U	
71-43-2	-----Benzene	8.	J	D
10061-02-6	-----trans-1,3-Dichloropropene	25.	U	
75-25-2	-----Bromoform	25.	U	
108-10-1	-----4-Methyl-2-Pentanone	50.	U	
591-78-6	-----2-Hexanone	50.	U	
127-18-4	-----Tetrachloroethene	160.		D
79-34-5	-----1,1,2,2-Tetrachloroethane	25.	U	
108-88-3	-----Toluene	12.	J	D
108-90-7	-----Chlorobenzene	12.	J	D
100-41-4	-----Ethylbenzene	13.	J	D
100-42-5	-----Styrene	10.	J	D
1330-20-7	-----Xylene (total)	39.		D

V 0067

H2M LABS, INC.

575 Broad Hollow Road, Melville, NY 11747
(516) 694-3040 FAX: (516) 694-4127
EPA 821-D-92-007

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

2A

DL

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil water) WATER

Lab Sample ID: 9204221DL

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3464

Level: (low/med) LOW

Date Received: 2/ 6/92

% Moisture: not dec. 100.

Date Analyzed: 2/13/92

Column: (pack/cap) CAP

Dilution Factor: 5.00

Number TICs Found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	76-13-1 Ethane, 1,1,2-trichloro-1,2	3.49	100.	J
2.	- - UNKNOWN	3.74	60.	J
3.	- - UNKNOWN ALKANE	5.65	30.	J
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Man Products
Soil and Groundwater
Laboratory Results

H2M LABS, INC.

575 Broad Hollow Road, Melville, NY
(516) 694-3040 FAX: (516) 694-4111

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

MW1M

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 007

Matrix: (soil/water) SOIL

Lab Sample ID: 9201949

Sample wt/vol: 4.800 (g/mL) G

Lab File ID: P8021

Level: (low/med) LOW

Date Received: 1/17/92

% Moisture: not dec. 6.

Date Analyzed: 1/20/92

Column: (pack/cap) CAP

Dilution Factor: 1.04

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	11.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
540-59-0-----	1,2-Dichloroethene (total)	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
1330-20-7-----	Xylene (total)	6.	U

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11791
(516) 694-3040 FAX: (516) 694-4122

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW1M

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRD

SAS No.:

SDG No.: 007

Matrix: (soil/water) SOIL

Lab Sample ID: 9201949

Sample wt/vol: 4.800 (g/mL) G

Lab File ID: P8021

Level: (low/med) LOW

Date Received: 1/17/92

% Moisture: not dec. 6.

Date Analyzed: 1/20/92

Column: (pack/cap) CAP

Dilution Factor: 1.04

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELD BLK

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 007

Matrix: (soil/water) WATER

Lab Sample ID: 9201950

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P8047

Level: (low/med) LOW

Date Received: 1/17/92

% Moisture: not dec. 100.

Date Analyzed: 1/24/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	5.	U
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
540-59-0	-----1,2-Dichloroethene (total)	5.	U
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	4.	BJ
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	5.	U
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE

FIELDBLK

Lab Name: HCM

Contract: NYSDEC

Lab Code: HCM

Case No.: CRO

SAS No.:

SDG No.: 007

Matrix: (soil/water) WATER

Lab Sample ID: 9201950

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P8047

Level: (low/med) LOW

Date Received: 1/17/92

% Moisture: not dec. 100.

Date Analyzed: 1/24/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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5-3013

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P21

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 04

Matrix: (soil/water) SOIL

Lab Sample ID: 9134946

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: P7677

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 8.

Date Analyzed: 12/13/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	4.	J
67-64-1-----	Acetone	11.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
540-59-0-----	1,2-Dichloroethene (total)	5.	U
67-66-3-----	Chloroform	2.	J
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	2.	J
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylene (total)	5.	U

H2M LABS, INC.

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P21

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRD

SAS No.:

SOG No.: 04

Matrix: (soil/water) SOIL

Lab Sample ID: 9134946

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: P7677

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 8.

Date Analyzed: 12/13/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P21RE

Lab Name: -2M

Contract: NYSDEC

Lab Code: -2M

Case No.: CRD

SAS No.:

SDG No.: 04

Matrix: (soil/water) SOIL

Lab Sample ID: 9134946RE

Sample wt/vol: 4.200 (g/mL) G

Lab File ID: P7695

Level: (low/med) LOW

Date Received: 12/6/91

% Moisture: not dec. 8.

Date Analyzed: 12/14/91

Column: (pack/cap) CAP

Dilution Factor:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	13.	U
74-83-9-----	Bromomethane	13.	U
75-01-4-----	Vinyl Chloride	13.	U
75-00-3-----	Chloroethane	13.	U
75-09-2-----	Methylene Chloride	7.	
67-64-1-----	Acetone	13.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
540-59-0-----	1,2-Dichloroethene (total)	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	13.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
108-05-4-----	Vinyl Acetate	13.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	13.	U
591-78-6-----	2-Hexanone	13.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
1330-20-7-----	Xylene (total)	6.	U

5 C016

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P21RE

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 04

Matrix: (soil/water) SOIL

Lab Sample ID: 9134946RE

Sample wt/vol: 4.200 (g/mL) G

Lab File ID: P7695

Level: (low/med) LOW

Date Received: 12/6/91

% Moisture: not dec. 8.

Date Analyzed: 12/14/91

Column: (pack/cap) CAP

Dilution Factor:

1.12
1-7-

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EP# SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

P25

Lab Code: H2M

Case No.: CPO

SAS No.:

SDG No.: 04

Matrix: (soil/water) SOIL

Lab Sample ID: 9134947

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: P7608

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 12.

Date Analyzed: 12/10/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
74-87-3	-----Chloromethane	11.	U
74-83-9	-----Bromomethane	11.	U
75-01-4	-----Vinyl Chloride	11.	U
75-00-3	-----Chloroethane	11.	U
75-09-2	-----Methylene Chloride	6.	U
67-64-1	-----Acetone	11.	U
75-15-0	-----Carbon Disulfide	6.	U
75-35-4	-----1,1-Dichloroethene	6.	U
75-34-3	-----1,1-Dichloroethane	6.	U
540-59-0	-----1,2-Dichloroethene (total)	6.	U
67-66-3	-----Chloroform	6.	U
107-06-2	-----1,2-Dichloroethane	6.	U
78-93-3	-----2-Butanone	11.	U
71-55-6	-----1,1,1-Trichloroethane	6.	U
56-23-5	-----Carbon Tetrachloride	6.	U
108-05-4	-----Vinyl Acetate	11.	U
75-27-4	-----Bromodichloromethane	6.	U
78-87-5	-----1,2-Dichloropropane	6.	U
10061-01-5	-----cis-1,3-Dichloropropene	6.	U
79-01-6	-----Trichloroethene	6.	U
124-48-1	-----Dibromochloromethane	6.	U
79-00-5	-----1,1,2-Trichloroethane	6.	U
71-43-2	-----Benzene	6.	U
10061-02-6	-----trans-1,3-Dichloropropene	6.	U
75-25-2	-----Bromoform	6.	U
108-10-1	-----4-Methyl-2-Pentanone	11.	U
591-78-6	-----2-Hexanone	11.	U
127-18-4	-----Tetrachloroethene	6.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	6.	U
108-88-3	-----Toluene	6.	U
108-90-7	-----Chlorobenzene	6.	U
100-41-4	-----Ethylbenzene	6.	U
100-42-5	-----Styrene	6.	U
1330-20-7	-----Xylene (total)	6.	U

H2M LABS, INC.

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EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

P25

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRC

SAB No.:

SDG No.: 04

Matrix: (soil/water) SOIL

Lab Sample ID: 9134947

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: P7608

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 12.

Date Analyzed: 12/10/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	2
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H2M LABS, INC.

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1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

P28

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 04

Matrix: (soil/water) SOIL

Lab Sample ID: 9134948

Sample wt/vol: 5.300 (g/mL) G

Lab File ID: P7611

Level: (low/hed) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 19.

Date Analyzed: 12/10/91

Column: (pack/cap) CAP

Dilution Factor:

*24 /
1-7-*

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	11.	J
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
540-59-0-----	1,2-Dichloroethene (total)	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	12.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
108-05-4-----	Vinyl Acetate	12.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	1300.	E
100-42-5-----	Styrene	6.	U
1330-20-7-----	Xylene (total)	29000-6	U E

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(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

P28

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 04

Matrix: (soil/water) SOIL

Lab Sample ID: 9134948

Sample wt/vol: 5.300 (g/mL) G

Lab File ID: P7611

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 19.

Date Analyzed: 11/10/91

Column: (pack/cap) CAP

Dilution Factor: 1.94

Number TICs found: 14

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALKANE	3.17	20.	J
2.	UNKNOWN	3.50	10.	J
3.	UNKNOWN HYDROCARBON	4.72	60.	J
4.	UNKNOWN ALKANE	5.69	70.	J
5.	UNKNOWN ALKANE	5.87	200.	J
6.	UNKNOWN ALKANE	6.13	90.	J
7.	UNKNOWN ALKANE	6.92	400.	J
8.	UNKNOWN HYDROCARBON	7.66	6000.	J
9.	UNKNOWN	12.52	300.	J
10.	UNKNOWN ALKANE	15.06	800.	J
11.	UNKNOWN ALKANE	15.34	300.	J
12.	ETHYLMETHYLBENZENE(ISOMER)	15.66	1000.	J
13.	TRIMETHYLBENZENE(ISOMER)	15.85	1000.	J
14.	UNKNOWN	16.16	1000.	J
15.	Unknown Hydrocarbon	3.91	40.	J
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H2M LABS, INC.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

575 Broad Hollow Road, Melville, N.Y. 11761
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

P28 DL

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 04

Matrix: (soil/water) SOIL

Lab Sample ID: 9134948 DL

Sample wt/vol: 3.900 (g/mL) G

Lab File ID: P7628

Level: (low/med) ~~LOW~~ MED

Date Received: 12/ 6/91

% Moisture: not dec. 19.

Date Analyzed: 12/11/91

Column: (pack/cap) CAP

Dilution Factor:

~~256.41~~
256 (→ 5g)

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

74-87-3-----	Chloromethane	3200.	U
74-83-9-----	Bromomethane	3200.	U
75-01-4-----	Vinyl Chloride	3200.	U
75-00-3-----	Chloroethane	3200.	U
75-09-2-----	Methylene Chloride	1600.	U
67-64-1-----	Acetone	3200.	U
75-15-0-----	Carbon Disulfide	1600.	U
75-35-4-----	1,1-Dichloroethene	1600.	U
75-34-3-----	1,1-Dichloroethane	1600.	U
540-59-0-----	1,2-Dichloroethene (total)	1600.	U
67-66-3-----	Chloroform	1600.	U
107-06-2-----	1,2-Dichloroethane	1600.	U
78-93-3-----	2-Butanone	3200.	U
71-55-6-----	1,1,1-Trichloroethane	1600.	U
56-23-5-----	Carbon Tetrachloride	1600.	U
108-05-4-----	Vinyl Acetate	3200.	U
75-27-4-----	Bromodichloromethane	1600.	U
78-87-5-----	1,2-Dichloropropane	1600.	U
10061-01-5-----	cis-1,3-Dichloropropene	1600.	U
79-01-6-----	Trichloroethene	1600.	U
124-48-1-----	Dibromochloromethane	1600.	U
79-00-5-----	1,1,2-Trichloroethane	1600.	U
71-43-2-----	Benzene	1600.	U
10061-02-6-----	trans-1,3-Dichloropropene	1600.	U
75-25-2-----	Bromoform	1600.	U
108-10-1-----	4-Methyl-2-Pentanone	3200.	U
591-78-6-----	2-Hexanone	3200.	U
127-18-4-----	Tetrachloroethene	1600.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1600.	U
108-88-3-----	Toluene	1600.	U
108-90-7-----	Chlorobenzene	1600.	U
100-41-4-----	Ethylbenzene	1600.	U
100-42-5-----	Styrene	1600.	U
1330-20-7-----	Xylene (total)	76,000 1600.	U D

H2M LABS, INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

575 Brand Hollow Road, Melville, NY 11791
(516) 894-3000 FAX (516) 894-3001

Lab Name: H2M

Contract: NYSDEC

P28

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 04

Matrix: (soil/water) SOIL

Lab Sample ID: 9134948

Sample wt/vol: 3.900 (g/mL) G

Lab File ID: P7628

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 19.

Date Analyzed: 12/11/91

Column: (pack, cap) CAP

Dilution Factor: 256.41

Number TICs found: 15

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	7.60	50000.	J
2.	UNKNOWN HYDROCARBON	7.92	30000.	J
3.	UNKNOWN HYDROCARBON	8.16	20000.	J
4.	4810-09-7 1-Heptene, 3-methyl- (8CI9CI	8.42	40000.	J
5.	584-94-1 Hexane, 2,3-dimethyl- (8CI9C	8.83	30000.	J
6.	592-27-8 Heptane, 2-methyl- (8CI9CI)	9.01	200000.	J
7.	UNKNOWN HYDROCARBON	9.39	500000.	J
8.	111-65-9 Octane (DOT)(8CI9CI)	10.05	300000.	J
9.	UNKNOWN	10.57	20000.	J
10.	2213-23-2 Heptane, 2,4-dimethyl- (8CI9	10.74	30000.	J
11.	UNKNOWN HYDROCARBON	10.95	100000.	J
12.	UNKNOWN	11.12	400000.	J
13.	UNKNOWN	11.65	60000.	J
14.	UNKNOWN HYDROCARBON	11.82	40000.	J
15.	UNKNOWN HYDROCARBON	12.04	20000.	J
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H2M LABS, INC.

575 Broad Hollow Road, Melville, NY 11747
(516) 594-3040 FAX (516) 594-4122

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDOC

P30

Lab Code: H2M

Case No.: CRC

SAS No.:

SDG No.: 04

Matrix: (soil/water) SOIL

Lab Sample ID: 9134949

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: P7676

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not det. 16.

Date Analyzed: 12/13/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	12.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
540-59-0-----	1,2-Dichloroethene (total)	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	12.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
108-05-4-----	Vinyl Acetate	12.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
1330-20-7-----	Xylene (total)	6.	U

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P30

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 04

Matrix: (soil/water) SOIL

Lab Sample ID: 9134949

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: P7676

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 16.

Date Analyzed: 12/13/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	G
1. - -	UNKNOWN HYDROCARBON	15.25	10.	J
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H2M LABS, INC.

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

P32

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 04

Matrix: (soil/water) SOIL

Lab Sample ID: 9134950

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: P7613

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 15.

Date Analyzed: 12/10/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	G
74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	12.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
540-59-0-----	1,2-Dichloroethene (total)	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	12.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
108-05-4-----	Vinyl Acetate	12.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
1330-20-7-----	Xylene (total)	6.	U

H2M LABS, INC.

1E

375 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4102
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

P32

Lab Name: H2M

Contract: NYSDOC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 04

Matrix: (soil/water) SOIL

Lab Sample ID: 9134950

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: P7613

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 15.

Date Analyzed: 12/10/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	g
1. - -	UNKNOWN *	9.25	6.	J
2. - -	UNKNOWN *	14.94	20.	J
3.				
4.				
5.	* Assumed to be carryover			
6.	from P28			
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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

14
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELD BLK II

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134951

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7650

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/12/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	5.	U
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
540-59-0	-----1,2-Dichloroethene (total)	5.	U
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	5.	U
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

5 0028

H2M LABS, INC.

575 Broad Hollow Road, Melville, NY 11747
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

FIELD BLK II

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134951

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7650

Level: (low/med) LOW

Date Received: 12/6/91

% Moisture: not dec. 100.

Date Analyzed: 12/12/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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H2M LABS, INC.

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14
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

TRIPBLK II

Lab Code: H2M

Case No.: CRC

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134952

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7651

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/12/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
540-59-0-----	1,2-Dichloroethene (total)	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylene (total)	5.	U

5 0030

H2M LABS, INC.

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(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

TRIPSLK 17

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134952

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7651

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not det. 100.

Date Analyzed: 12/12/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

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(516) 694-3040 FAX: (516) 694-4122

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

NW-1M

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204293

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V3447

Level: (low med) LOW

Date Received: 2/7/92

% Moisture: not det. 100.

Date Analyzed: 2/13/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	2.	BJ
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
540-59-0	-----1,2-Dichloroethene (total)	5.	U
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	5.	U
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

H2M LABS, INC.

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1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NVSDEC

XW-2X

Lab Code: H2M

Case No.: CPO

SAC No.:

SDG No.: 013

Matrix: (soil/water) WATER

Lab Sample ID: 9204294

Sample wt/vol: . 5.000 (g/mL) ML

Lab File ID: V3448

Level: (low, med) LOW

Date Received: 2/ 7/92

% Moisture: not dec. 100.

Date Analyzed: 2/13/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-37-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	2.	BJ
67-64-1-----	Acetone	5.	BJ
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
540-59-0-----	1,2-Dichloroethene (total)	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	2.	J
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	86.	
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylene (total)	190.	

V 0093

H2M LABS, INC.

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(516) 694-3040 FAX: (516) 694-4700

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M Contract: NYSDEC MW-2M
Lab Code: H2M Case No.: CRO SAS No.: SDG No.: 013
Matrix: (soil/water) WATER Lab Sample ID: 9204294
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V3443
Level: (low/med) LOW Date Received: 2 7/92
% Moisture: not det. 100. Date Analyzed: 2 10 92
Column: (pack/cap) CAP Dilution Factor: 1.00
Number TICs found: 11 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	- - UNKNOWN	6.40	40.	J
2.	108-87-2 Cyclohexane, methyl-	6.64	100.	J
3.	- - UNKNOWN ALKANE	7.02	200.	J
4.	- - UNKNOWN ALKANE	7.22	90.	J
5.	- - DIMETHYLCYCLOHEXANE(ISOMER)	8.19	170 100	J
6.	- - ETHYLMETHYLCYCLOPENTANE(ISOMER)	9.02	300.	J
7.	- - UNKNOWN ALKANE	9.25	80.	J
8.	- - UNKNOWN ALKANE	9.84	80.	J
9.	- - ETHYLMETHYLCYCLOHEXANE(ISOMER)	10.54	30.	J
10.	- - UNKNOWN HYDROCARBON	11.06	30.	J
11.	- - TRIMETHYBENZENE(ISOMER)	12.19	6.	J
12.	Dimethyl cyclohexane (isomer)	7.73	400.	J
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Photocircuits
Soil and Groundwater
Laboratory Results

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

Lab Name: H2M

Contract: NYSDEC

MW2

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134831

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7583

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/ 9/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	J
67-64-1-----	Acetone	10.	U
73-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	210.	E
75-34-3-----	1,1-Dichloroethane	310.	E
540-59-0-----	1,2-Dichloroethene (total)	72.	:
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	4.	J
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	510.	E
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	57.	
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	8.	
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylene (total)	5.	U

S 0018

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

MW2

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134831

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7583

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/ 9/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11761
(516) 694-3040 FAX: (516) 694-4122

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

MW2

DL

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134831

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7653

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/12/91

Column: (pack/cap) CAP

Dilution Factor: 5.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	50.	U
74-83-9-----	Bromomethane	50.	U
75-01-4-----	Vinyl Chloride	50.	U
75-00-3-----	Chloroethane	50.	U
75-09-2-----	Methylene Chloride	25.	U
67-64-1-----	Acetone	50.	U
75-15-0-----	Carbon Disulfide	25.	U
75-35-4-----	1,1-Dichloroethene	140.	D
75-34-3-----	1,1-Dichloroethane	260.	D
540-59-0-----	1,2-Dichloroethene (total)	60.	D
67-66-3-----	Chloroform	25.	U
107-06-2-----	1,2-Dichloroethane	25.	U
78-93-3-----	2-Butanone	50.	U
71-55-6-----	1,1,1-Trichloroethane	340.	D
56-23-5-----	Carbon Tetrachloride	25.	U
108-05-4-----	Vinyl Acetate	50.	U
75-27-4-----	Bromodichloromethane	25.	U
78-87-5-----	1,2-Dichloropropane	25.	U
10061-01-5-----	cis-1,3-Dichloropropene	25.	U
79-01-6-----	Trichloroethene	43.	D
124-48-1-----	Dibromochloromethane	25.	U
79-00-5-----	1,1,2-Trichloroethane	25.	U
71-43-2-----	Benzene	25.	U
10061-02-6-----	trans-1,3-Dichloropropene	25.	U
75-25-2-----	Bromoform	25.	U
108-10-1-----	4-Methyl-2-Pentanone	50.	U
591-78-6-----	2-Hexanone	50.	U
127-18-4-----	Tetrachloroethene	25.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	25.	U
108-88-3-----	Toluene	25.	U
108-90-7-----	Chlorobenzene	25.	U
100-41-4-----	Ethylbenzene	25.	U
100-42-5-----	Styrene	25.	U
1330-20-7-----	Xylene (total)	25.	U

S 0020

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

MW2

DL

Lab Code: H2M

Case No.: CR0

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134831

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7653

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/12/91

Column: (pack/cap) CAP

Dilution Factor: 5.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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H2M LABS, INC.

FORM I - IN

7/

U.S. EPA - CLP

EPA SAMPLE NO

1
INORGANIC ANALYSIS DATA SHEET

XXXXMW2

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.: CRO03

SAS No.:

SDG No.: CRO001

Matrix (soil/water): WATER

Lab Sample ID: 9134831

Level (low/med): LOW

Date Received: 12/06/91

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	10.0	U		A
7439-89-6	Iron				NR
7439-92-1	Lead	5.6		W	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

DATE REPORTED: JANUARY 9, 1991

S 0022

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

MW3

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134832

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7584

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/ 9/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	5.	U
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
540-59-0	-----1,2-Dichloroethene (total)	21.	
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	29.	
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

S 0023

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

MW3

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134832

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7584

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/ 9/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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H2M LABS, INC.

FORM I - IN

7/9

U.S. EPA - CLP

EPA SAMPLE NO.

1
INORGANIC ANALYSIS DATA SHEET

XXXXMW3

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.: CRO03

SAS No.:

SDG No.: CRO003

Matrix (soil/water): WATER

Lab Sample ID: 9134832

Level (low/med): LOW

Date Received: 12/06/91

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	10.0	U		A
7439-89-6	Iron				NR
7439-92-1	Lead	2.6	B		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

DATE REPORTED: JANUARY 9, 1991

S 0025

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 1174
(516) 694-3040 FAX: (516) 694-4122

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW4

Lab Name: H2M

Contract: NYSOEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134833

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7585

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/ 9/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
540-59-0-----	1,2-Dichloroethene (total)	4.	J
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	3.	J
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylene (total)	5.	U

S 0026

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

MW4

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134833

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7585

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/ 9/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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H2M LABS, INC.

FORM I - IN

7,

U.S. EPA - CLP

EPA SAMPLE NO

1
INORGANIC ANALYSIS DATA SHEET

XXXMW4

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.: CRO03

SAS No.:

SDG No.: CRO00

Matrix (soil/water): WATER

Lab Sample ID: 9134833

Level (low/med): LOW

Date Received: 12/06/91

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	10.0	U		A
7439-89-6	Iron				NR
7439-92-1	Lead	7.8			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

DATE REPORTED: JANUARY 9, 1991

S 0028

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW5

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134834

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7642

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/12/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	5.	B
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	20.	
75-34-3	-----1,1-Dichloroethane	4.	I
540-59-0	-----1,2-Dichloroethene (total)	65.	
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	32.	
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	59.	
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	66.	
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

MW5

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134834

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7642

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/12/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	15.75	5.	J
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H2M LABS, INC.

FORM I - IN

U.S. EPA - CLP

EPA SAMPLE NO

1
INORGANIC ANALYSIS DATA SHEET

Lab Name: H2M LABS, INC.

Contract:

XXXMW5

Lab Code: H2MLAB

Case No.: CRO03

SAS No.:

SDG No.: CRO00

Matrix (soil/water): WATER

Lab Sample ID: 9134834

Level (low/med): LOW

Date Received: 12/06/91

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	10.0	B		A
7439-89-6	Iron				NR
7439-92-1	Lead	3.9	B	W	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

DATE REPORTED: JANUARY 9, 1991

S 0031

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

MW6

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134835

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7587

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/ 9/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	
75-09-2	-----Methylene Chloride	5.	U
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	J
75-34-3	-----1,1-Dichloroethane	31.	
540-59-0	-----1,2-Dichloroethene (total)	9.	
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	18.	
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	5.	U
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

50032

H2M LABS, INC.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

MW6

Lab Name: H2M

Contract: NYSOEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134835

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7587

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/ 9/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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H2M LABS, INC.

FORM I - IN

7/

U.S. EPA - CLP

EPA SAMPLE NO

1
INORGANIC ANALYSIS DATA SHEET

XXXXMW6

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.: CRO03

SAS No.:

SDG No.: CRO001

Matrix (soil/water): WATER

Lab Sample ID: 9134835

Level (low/med): LOW

Date Received: 12/06/91

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	50.0			A
7439-89-6	Iron				NR
7439-92-1	Lead	44.6			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BEIGE

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

DATE REPORTED: JANUARY 9, 1991

S 0034

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

Lab Name: H2M

Contract: NYSDEC

MW7

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134836

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7588

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/ 9/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	470.	E
75-00-3	-----Chloroethane	1300.	E
75-09-2	-----Methylene Chloride	100.	
67-64-1	-----Acetone	26.	
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	260.	E
75-34-3	-----1,1-Dichloroethane	2900.	E
540-59-0	-----1,2-Dichloroethene (total)	36.	
67-66-3	-----Chloroform	3.	J
107-06-2	-----1,2-Dichloroethane	47.	
78-93-3	-----2-Butanone	170.	
71-55-6	-----1,1,1-Trichloroethane	2600.	E
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	11.	
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	J
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	35.	
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	29.	
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

S 0035

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

MW7

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134836

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7588

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/ 9/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 624-89-5	Ethane, (methylthio)- (9CI)	4.82	10.	J
2. - -	UNKNOWN	8.19	7.	J
3. - -	UNKNOWN	9.91	5.	J
4. - -	UNKNOWN	12.85	9.	J
5. - -	CHLOROMETHYLBENZENE (ISOMER)	15.40	7.	J
6.				
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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11761
(516) 694-3040 FAX: (516) 694-4122

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

MW7

DL

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134836

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7643

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/12/91

Column: (pack/cap) CAP

Dilution Factor: 50.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3	-----Chloromethane	500.	U
74-83-9	-----Bromomethane	500.	U
75-01-4	-----Vinyl Chloride	230.	J D
75-00-3	-----Chloroethane	1000.	D
75-09-2	-----Methylene Chloride	490.	B D
67-64-1	-----Acetone	500.	U
75-15-0	-----Carbon Disulfide	250.	U
75-35-4	-----1,1-Dichloroethene	190.	J-D
75-34-3	-----1,1-Dichloroethane	3400.	D
540-59-0	-----1,2-Dichloroethene (total)	250.	U
67-66-3	-----Chloroform	250.	U
107-06-2	-----1,2-Dichloroethane	250.	U
78-93-3	-----2-Butanone	500.	U
71-55-6	-----1,1,1-Trichloroethane	2100.	D
56-23-5	-----Carbon Tetrachloride	250.	U
108-05-4	-----Vinyl Acetate	500.	U
75-27-4	-----Bromodichloromethane	250.	U
78-87-5	-----1,2-Dichloropropane	250.	U
10061-01-5	-----cis-1,3-Dichloropropene	250.	U
79-01-6	-----Trichloroethene	250.	U
124-48-1	-----Dibromochloromethane	250.	U
79-00-5	-----1,1,2-Trichloroethane	250.	U
71-43-2	-----Benzene	250.	U
10061-02-6	-----trans-1,3-Dichloropropene	250.	U
75-25-2	-----Bromoform	250.	U
108-10-1	-----4-Methyl-2-Pentanone	500.	U
591-78-6	-----2-Hexanone	500.	U
127-18-4	-----Tetrachloroethene	250.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	250.	U
108-88-3	-----Toluene	250.	U
108-90-7	-----Chlorobenzene	250.	U
100-41-4	-----Ethylbenzene	250.	U
100-42-5	-----Styrene	250.	U
1330-20-7	-----Xylene (total)	250.	U

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

MW7

DL

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134836

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7643

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/12/91

Column: (pack/cap) CAP

Dilution Factor: 50.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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H2M LABS, INC.

FORM I - IN

U.S. EPA - CLP

EPA SAMPLE NO

1
INORGANIC ANALYSIS DATA SHEET

XXXXMW7

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.: CRO03

SAS No.:

SDG No.: CRO00

Matrix (soil/water): WATER

Lab Sample ID: 9134836

Level (low/med): LOW

Date Received: 12/06/91

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	20.0	B		A
7439-89-6	Iron				NR
7439-92-1	Lead	3.6	B	W	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

DATE REPORTED: JANUARY 9, 1991

S 0039

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

MWB

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134837

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7589

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/ 9/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	49.	
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	5.	U
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	15.	
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	14.	
540-59-0	-----1,2-Dichloroethene (total)	75.	
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	3.	J
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	4.	J
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

S 0040

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

MW8

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134837

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7589

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/ 9/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN	15.40	50.	J
2.				
3.				
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H2M LABS, INC.

FORM I - IN

U.S. EPA - CLP

EPA SAMPLE NO

1
INORGANIC ANALYSIS DATA SHEET

XXXXMW8

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.: CRO03

SAS No.:

SDG No.: CRO00

Matrix (soil/water): WATER

Lab Sample ID: 9134837

Level (low/med): LOW

Date Received: 12/06/91

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	40.0			A
7439-89-6	Iron				NR
7439-92-1	Lead	31.2			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

BROWN ARTIFACTS

DATE REPORTED: JANUARY 9, 1991

S 0042

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 1174
(516) 694-3040 FAX: (516) 694-4122

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

MW9

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134839

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7590

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/ 9/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	5.	U
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	6.	
75-34-3	-----1,1-Dichloroethane	19.	
540-59-0	-----1,2-Dichloroethene (total)	79.	
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	12.	
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	59.	
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	8.	
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

S 0043

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

MW9

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134839

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7590

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/ 9/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
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H2M LABS, INC.

FORM I - IN

U.S. EPA - CLP

EPA SAMPLE N

1
INORGANIC ANALYSIS DATA SHEET

Lab Name: H2M LABS, INC.

Contract:

XXXXMW9

Lab Code: H2MLAB

Case No.: CRO03

SAS No.:

SDG No.: CRO03

Matrix (soil/water): WATER

Lab Sample ID: 9134838

Level (low/med): LOW

Date Received: 12/06/91

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	40.0			A
7439-89-6	Iron				NR
7439-92-1	Lead	9.1			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: ORANGE

Clarity Before: OPAQUE

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

BROWN ARTIFACTS

DATE REPORTED: JANUARY 9, 1991

S C045

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

MW10

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CR0

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134839

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7593

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/ 9/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/L	Q
74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	5.	U
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	6.	
540-59-0	-----1,2-Dichloroethene (total)	32.	
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	30.	
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

5 0046

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

MW10

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134839

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7593

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/ 9/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
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H2M LABS, INC.

FORM I - IN

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U.S. EPA - CLP

EPA SAMPLE NO

1
INORGANIC ANALYSIS DATA SHEET

XXMW10

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.: CRO03

SAS No.:

SDG No.: CRO00.

Matrix (soil/water): WATER

Lab Sample ID: 9134839

Level (low/med): LOW

Date Received: 12/06/91

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	30.0			A
7439-89-6	Iron				NR
7439-92-1	Lead	2.4	B		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

DATE REPORTED: JANUARY 9, 1991

S 0048

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 1174
(516) 694-3040 FAX: (516) 694-4122

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

MW11

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134840

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7644

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/12/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	5.	U
67-64-1	-----Acetone	74.	
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	9.	
75-34-3	-----1,1-Dichloroethane	16.	
540-59-0	-----1,2-Dichloroethene (total)	86.	
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	62.	
71-55-6	-----1,1,1-Trichloroethane	16.	
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	79.	
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	14.	
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	8.	
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

MW11

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134840

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7644

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/12/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	4.83	9.	J
2.	UNKNOWN	6.75	5.	J
3.	UNKNOWN KETONE	8.00	5.	J
4.	110-62-3 Pentanal (9CI)	8.08	10.	J
5.	UNKNOWN	10.31	9.	J
6.	UNKNOWN HYDROCARBON	11.30	20.	J
7.	UNKNOWN	13.19	5.	J
8.	UNKNOWN	14.26	30.	J
9.	UNKNOWN	14.44	40.	J
10.	UNKNOWN	16.11	90.	J
11.				
12.				
13.				
14.				
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H2M LABS, INC.

FORM I - IN

7,

U.S. EPA - CLP

EPA SAMPLE NO

1
INORGANIC ANALYSIS DATA SHEET

XXMW11

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB

Case No.: CRO03

SAS No.:

SDG No.: CRO0C

Matrix (soil/water): WATER

Lab Sample ID: 9134840

Level (low/med): LOW

Date Received: 12/06/91

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	30.0			A
7439-89-6	Iron				NR
7439-92-1	Lead	0.60	B	r	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

DATE REPORTED: JANUARY 9, 1991

S 0051

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

FIELD BLK II

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134841

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7645

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/12/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	4.	BJ
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
540-59-0	-----1,2-Dichloroethene (total)	5.	U
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	5.	U
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

5 0052

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

FIELD BLK I

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134841

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7645

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/12/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN HYDROCARBON	4.71	8.	J
2. - -	UNKNOWN	15.66	60.	J
3. - -	UNKNOWN HYDROCARBON	16.09	6.	J
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H2M LABS, INC.

COVER PAGE - IN

REV 6/89

U.S. EPA - CLP

EPA SAMPLE NO

1
INORGANIC ANALYSIS DATA SHEET

Lab Name: H2M LABS, INC.

Contract:

FLDBLK

Lab Code: H2MLAB

Case No.: CR003

SAS No.:

SDG No.: CRO001

Matrix (soil/water): WATER

Lab Sample ID: 9134841

Level (low/med): LOW

Date Received: 12/06/91

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	10.0	U		A
7439-89-6	Iron				NR
7439-92-1	Lead	0.50	U		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

DATE REPORTED: JANUARY 9, 1991

S 0054

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117...
(516) 694-3040 FAX: (516) 694-4122

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLK \pm

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134842

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7646

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/12/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	4.	BJ
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
540-59-0	-----1,2-Dichloroethene (total)	5.	U
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
108-05-4	-----Vinyl Acetate	10.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	5.	U
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylene (total)	5.	U

S 0055

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 117
(516) 694-3040 FAX: (516) 694-4122
EPA SAMPLE NO

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

TRIPBLK \bar{L}

Lab Name: H2M

Contract: NYSOEC

Lab Code: H2M

Case No.: CRC

SAS No.:

SDG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134842

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: P7646

Level: (low/med) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/12/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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3.				
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APPENDIX B
FIELD SAMPLING RECORD SHEETS
AND DRILLING LOGS

GROUNDWATER SAMPLING RECORD SHEET

SITE: PALL CORPORATION

DATE: 2-7-92 TIME:

JOB#: CROW9102

SAMPLERS: MNG/MS

SAMPLE LOCATION: MW-1P

MEASURING PT: TOP OF CASING

DEPTH TO WATER: 4.30 FT.

WELL DEPTH: 14.5 FT.

STATIC WATER LEVEL: 10.2 FT.

STATIC VOLUME: 6.6 GALS.

MIN. VOLUME TO BE REMOVED: 20 GALS.

EVACUATION TECHNIQUE: SUBM. PUMP ☐ CENT. PUMP ☒

BLADDER PUMP ☐ BAILER ☐

DEPTH TO PUMP INTAKE: FT.

FLOW RATE: 20 GPM GALS. PER LINEAR FT.

TIME PUMPED: 1.5 MINS. 2 INCH x .163

TOTAL VOLUME PURGED: 30 GALS. 4 INCH x .653 ✓

SAMPLING ANALYSIS:

VOLATILE ORGANICS CLP 989

FIELD PARAMETERS:

TEMP: NM °C

CONDUCTIVITY: 250/260 us

pH: 7.4/7.2

TURBIDITY: NM NTU

NOTES:

SIGNATURE: Michael N. [Signature]

H2M GROUP

ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS
MELVILLE, N.Y. TOTOWA, N.J.

GROUNDWATER SAMPLING RECORD SHEET

SITE: *PALL CORPORATION*

DATE: *2-7-92* TIME:

JOB#: *CROW9102*

SAMPLERS: *MNG/MSC*

SAMPLE LOCATION: *MW-2P*

MEASURING PT: *TOP OF CASING*

DEPTH TO WATER: *3.35* FT.

WELL DEPTH: *14.60* FT.

STATIC WATER LEVEL: *11.25* FT.

STATIC VOLUME: *7.3* GALS.

MIN. VOLUME TO BE REMOVED: *22* GALS.

EVACUATION TECHNIQUE: SUBM. PUMP ☐ CENT. PUMP ☒

BLADDER PUMP ☐ BAILER ☐

DEPTH TO PUMP INTAKE: *13* FT.

FLOW RATE: *4* GPM GALS. PER LINEAR FT.

TIME PUMPED: *6* MINS. 2 INCH x .163

TOTAL VOLUME PURGED: *24* GALS. 4 INCH x .653 ✓

SAMPLING ANALYSIS:

VOLATILE ORGANICS NYSDEC 989 CLP

MATRIX SPIKE / MATRIX SPIKE DUPLICATE ANALYZED

FIELD PARAMETERS:

TEMP: *NM* °C CONDUCTIVITY: *540* us

pH: *6.84* TURBIDITY: *NM* NTU

NOTES:

SIGNATURE: *Michael N. Gent*

H2M GROUP

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MELVILLE, N.Y. TOTOWA, N.J.

GROUNDWATER SAMPLING RECORD SHEET

SITE: *PALL CORPORATION*

DATE: *2-7-92* TIME:

JOB#: *CROW9102*

SAMPLERS: *MNG/MSL*

SAMPLE LOCATION: *MW-3P*

MEASURING PT: *TOP OF CASING*

DEPTH TO WATER: *2.69* FT.

WELL DEPTH: *15.0* FT.

STATIC WATER LEVEL: *12.31* FT.

STATIC VOLUME: *8.0* GALS.

MIN. VOLUME TO BE REMOVED: *24* GALS.

EVACUATION TECHNIQUE:

SUBM. PUMP

☐

CENT. PUMP

☒

BLADDER PUMP

☐

BAILER

☐

DEPTH TO PUMP INTAKE: *14* FT.

FLOW RATE: *2* GPM

GALS. PER LINEAR FT.

TIME PUMPED: *12* MINS.

2 INCH x .163

TOTAL VOLUME PURGED: *24* GALS.

4 INCH x .653 ✓

SAMPLING ANALYSIS:

VOLATILE ORGANICS NYDEC 989 CLP

FIELD PARAMETERS:

TEMP:

0 °C

CONDUCTIVITY: *950/940/940* US

pH: *6.7/6.6/6.7*

TURBIDITY:

NTU

NOTES:

WELL WAS PUMPED DRY 6 TIMES ~4 GALS/PURGE

SIGNATURE: *Michael N. Gontels*

H2MGROUP

ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS
MELVILLE, N.Y. TOTOWA, N.J.

GROUNDWATER SAMPLING RECORD SHEET

SITE: *PALL CORPORATION*

DATE: *2-7-92* TIME:

JOB#: *CROW 9102*

SAMPLERS: *MNG / MSC*

SAMPLE LOCATION: *MW-4P*

MEASURING PT: *TOP OF CASING*

DEPTH TO WATER: *1.85* FT.

WELL DEPTH: *23.8* FT.

STATIC WATER LEVEL: *21.95* FT.

STATIC VOLUME: *14.3* GALS.

MIN. VOLUME TO BE REMOVED: *43* GALS.

EVACUATION TECHNIQUE:

SUBM. PUMP

☐

CENT. PUMP

☒

BLADDER PUMP

☐

BAILER

☐

DEPTH TO PUMP INTAKE: *22* FT.

FLOW RATE: *20* GPM

GALS. PER LINEAR FT.

TIME PUMPED: *2* MINS.

2 INCH x .163

TOTAL VOLUME PURGED: *40* GALS.

4 INCH x .653 ✓

SAMPLING ANALYSIS:

VOLATILE ORGANICS NYDEC 989 CLP

FIELD PARAMETERS:

TEMP: °C

CONDUCTIVITY: *380/380* us

pH: *7.0/6.9*

TURBIDITY: NTU

NOTES:

SIGNATURE: *Michael N. Lentz*

H2M GROUP

ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS
MELVILLE, N.Y. TOTOWA, N.J.

GROUNDWATER SAMPLING RECORD SHEET

SITE: *PALL CORPORATION*

DATE: *2-7-92* TIME:

JOB#: *Crow 9102*

SAMPLERS: *MNG / MSC*

SAMPLE LOCATION: *MW-5P*

MEASURING PT: *TOP OF CASING*

DEPTH TO WATER: *0.75* FT.

WELL DEPTH: *13.3* FT.

STATIC WATER LEVEL: *12.55* FT.

STATIC VOLUME: *8.2* GALS.

MIN. VOLUME TO BE REMOVED: *25* GALS.

EVACUATION TECHNIQUE:

SUBM. PUMP

☐

CENT. PUMP

☒

BLADDER PUMP

☐

BAILER

☐

DEPTH TO PUMP INTAKE: FT.

FLOW RATE: *15*

GPM

GALS. PER LINEAR FT.

TIME PUMPED: *2*

MINS.

2 INCH x .163

TOTAL VOLUME PURGED: *30* GALS.

4 INCH x .653 ✓

SAMPLING ANALYSIS:

VOLATILE ORGANICS NYSDEC CLP 989

FIELD PARAMETERS:

TEMP:

0 °C

CONDUCTIVITY: *570/570*

us

pH: *6.4/6.4*

TURBIDITY:

NTU

NOTES:

SIGNATURE: *Michael N. [Signature]*

H2M GROUP

ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS
MELVILLE, N.Y. TOTOWA, N.J.

GROUNDWATER SAMPLING RECORD SHEET

SITE: MAN PRODUCTS

DATE: 2-6-92 TIME:

JOB#: CROW9102

SAMPLERS: MNG / MSC

SAMPLE LOCATION: MW-1M

MEASURING PT: TOP OF CASING

DEPTH TO WATER: 25.15 FT.

WELL DEPTH: 35.3 FT.

STATIC WATER LEVEL: 10.15 FT.

STATIC VOLUME: 1.65 GALS.

MIN. VOLUME TO BE REMOVED: 5 GALS.

EVACUATION TECHNIQUE: SUBM. PUMP ☐ CENT. PUMP ☐

BLADDER PUMP ☐ BAILER ☒

DEPTH TO PUMP INTAKE: N/A FT.

FLOW RATE: N/A GPM GALS. PER LINEAR FT.

TIME PUMPED: N/A MINS. 2 INCH x .163 ✓

TOTAL VOLUME PURGED: 5 GALS. 4 INCH x .653

SAMPLING ANALYSIS:

VOLATILE ORGANICS NYSDEC 989 CLP

FIELD PARAMETERS:

TEMP: NM °C CONDUCTIVITY: 330 us

pH: 6.85 TURBIDITY: NM NTU

NOTES: NM - NOT MEASURED

N/A - NOT APPLICABLE

SIGNATURE: Michael N. Montali

H2M GROUP

ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS
MELVILLE, N.Y. TOTOWA, N.J.

GROUNDWATER SAMPLING RECORD SHEET

SITE: MAN PRODUCTS

DATE: 2-8-92 TIME:

JOB#: CROW9102

SAMPLERS: MNG / FPC

SAMPLE LOCATION: MW-2M

MEASURING PT: TOP OF WELL

DEPTH TO WATER: 9.69 FT.

WELL DEPTH: 15.08 FT.

STATIC WATER LEVEL: 5.39 FT.

STATIC VOLUME: 0.87 GALS.

MIN. VOLUME TO BE REMOVED: 2.6 GALS.

EVACUATION TECHNIQUE:

SUBM. PUMP

☐

CENT. PUMP

☐

BLADDER PUMP

☐

BAILER

☒

DEPTH TO PUMP INTAKE: N/A FT.

FLOW RATE:

N/A

GPM

GALS. PER LINEAR FT.

TIME PUMPED:

N/A

MINS.

2 INCH x .163 ✓

TOTAL VOLUME PURGED: 3 GALS.

4 INCH x .653

SAMPLING ANALYSIS: VOLATILE ORGANICS NYSDEC 989 CLP

FIELD PARAMETERS:

TEMP: NM °C

CONDUCTIVITY: 570 us

pH: 6.2

TURBIDITY: NM NTU

NOTES: GROUNDWATER EXTREMELY SILTY

NM - NOT MEASURED

N/A - NOT APPLICABLE

SIGNATURE: Michael N. Gentile

H2MGROUP

ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS
MELVILLE, N.Y. TOTOWA, N.J.

GROUNDWATER SAMPLING RECORD SHEET

SITE: SLATER ELECTRIC

DATE: 2-6-92 TIME:

JOB#: CROW9102

SAMPLERS: MNG / MSC

SAMPLE LOCATION: MW-15

MEASURING PT: TOP OF CASING

DEPTH TO WATER: 9.35 FT.

WELL DEPTH: 20.5 FT.

STATIC WATER LEVEL: 11.15 FT.

STATIC VOLUME: 7.2 GALS.

MIN. VOLUME TO BE REMOVED: 22 GALS.

EVACUATION TECHNIQUE:

SUBM. PUMP

☐

CENT. PUMP

☒

BLADDER PUMP

☐

BAILER

☐

DEPTH TO PUMP INTAKE: 20 FT.

FLOW RATE: 20.0

GPM

GALS. PER LINEAR FT.

TIME PUMPED: 1.5

MINS.

2 INCH x .163

TOTAL VOLUME PURGED: 30 GALS.

4 INCH x .653 ✓

SAMPLING ANALYSIS:

VOLATILE ORGANICS NYSDOC 989 CLP

FIELD PARAMETERS:

TEMP: NM °C

CONDUCTIVITY: 410 us

pH: 6.4

TURBIDITY: NM NTU

NOTES: NM = NOT MEASURED

SIGNATURE: Michael N. Gentile

H2M GROUP

ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS
MELVILLE, N.Y. TOTOWA, N.J.

GROUNDWATER SAMPLING RECORD SHEET

SITE: *SLATER ELECTRIC*

DATE: *2-6-92* TIME:

JOB#: *CROW9102*

SAMPLERS: *MNG/MS*

SAMPLE LOCATION: *MW-25*

MEASURING PT: *TOP OF CASING*

DEPTH TO WATER: *7.32* FT.

WELL DEPTH: *20.5* FT.

STATIC WATER LEVEL: *13.18* FT.

STATIC VOLUME: *8.6* GALS.

MIN. VOLUME TO BE REMOVED: *26.0* GALS.

EVACUATION TECHNIQUE:

SUBM. PUMP

☐

CENT. PUMP

☒

BLADDER PUMP

☐

BAILER

☐

DEPTH TO PUMP INTAKE: *20* FT.

FLOW RATE:

20

GPM

GALS. PER LINEAR FT.

TIME PUMPED:

3

MINS.

2 INCH x .163

TOTAL VOLUME PURGED: *60* GALS.

4 INCH x .653 ✓

SAMPLING ANALYSIS:

VOLATILE ORGANICS NYSDEC 989 CLP

FIELD PARAMETERS:

TEMP: *NM*

°C

CONDUCTIVITY: *340*

us

pH: *6.6*

TURBIDITY: *NM*

NTU

NOTES: *NM - NOT MEASURED*

SIGNATURE: *Michael N. Gentile*

H2M GROUP

ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS
MELVILLE, N.Y. TOTOWA, N.J.

GROUNDWATER SAMPLING RECORD SHEET

SITE: SLATER ELECTRIC

DATE: 2-6-92 TIME:

JOB#: CROW9102

SAMPLERS: MNG/MS

SAMPLE LOCATION: MW-35

MEASURING PT: TOP OF CASING

DEPTH TO WATER: 7.58 FT.

WELL DEPTH: 18.4 FT.

STATIC WATER LEVEL: 10.82 FT.

STATIC VOLUME: 7.1 GALS.

MIN. VOLUME TO BE REMOVED: 22 GALS.

EVACUATION TECHNIQUE:

SUBM. PUMP

☐

CENT. PUMP

☒

BLADDER PUMP

☐

BAILER

☐

DEPTH TO PUMP INTAKE: 18 FT.

FLOW RATE: ~4

GPM

GALS. PER LINEAR FT.

TIME PUMPED: 8

MINS.

2 INCH x .163

TOTAL VOLUME PURGED: 25 GALS.

4 INCH x .653 ✓

SAMPLING ANALYSIS:

VOLATILE ORGANICS NYSDEC 989 CLP

FIELD PARAMETERS:

TEMP: NM °C

CONDUCTIVITY: 500/490 us

pH: 6.5/6.4

TURBIDITY: NM NTU

NOTES: NM = NOT MEASURED

MONITORING WELL PURGED DRY 5 TIMES - TOTAL PURGED ~25 GALS.

SIGNATURE: Michael N. [Signature]

H2MGROUP

ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS
MELVILLE, N.Y. TOTOWA, N.J.

GROUNDWATER SAMPLING RECORD SHEET

SITE: AUGUST THOMSEN

DATE: 2-7-92 TIME:

JOB#: CROW9102

SAMPLERS: MNG/MS

SAMPLE LOCATION: MW-1A

MEASURING PT: TOP OF CASING

DEPTH TO WATER: 2.76 FT.

WELL DEPTH: 11.50 FT.

STATIC WATER LEVEL: 8.74 FT.

STATIC VOLUME: 5.7 GALS.

MIN. VOLUME TO BE REMOVED: 18 GALS.

EVACUATION TECHNIQUE:

SUBM. PUMP

☐

CENT. PUMP

☒

BLADDER PUMP

☐

BAILER

☐

DEPTH TO PUMP INTAKE: 11 FT.

FLOW RATE:

3

GPM

GALS. PER LINEAR FT.

TIME PUMPED:

8

MINS.

2 INCH x .163

TOTAL VOLUME PURGED: 24 GALS.

4 INCH x .653 ✓

SAMPLING ANALYSIS:

VOLATILE ORGANICS NYSDEC 989 CLP

FIELD PARAMETERS:

TEMP: NM

°C

CONDUCTIVITY: 500 / 450 / 440 US

pH: 6.66 / 6.64 / 6.66

TURBIDITY: NM

NTU

NOTES:

4-INCH SUBMERSIBLE PUMP LEFT IN WELL CASING.

SIGNATURE: Michael N. Lentz

H2MGROUP

ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS
MELVILLE, N.Y. TOTOWA, N.J.

GROUNDWATER SAMPLING RECORD SHEET

SITE: AUGUST THOMSEN

DATE: 2-7-92 TIME:

JOB#: CROW9102

SAMPLERS: MNG/MSC

SAMPLE LOCATION: MW-2A

MEASURING PT: TOP OF CASING

DEPTH TO WATER: 0.95 FT.

WELL DEPTH: 13.8 FT.

STATIC WATER LEVEL: 12.85 FT.

STATIC VOLUME: 8.4 GALS.

MIN. VOLUME TO BE REMOVED: 25.2 GALS.

EVACUATION TECHNIQUE:

SUBM. PUMP

☐

CENT. PUMP

☒

BLADDER PUMP

☐

BAILER

☐

DEPTH TO PUMP INTAKE: 13 FT.

FLOW RATE: 20 GPM

GALS. PER LINEAR FT.

TIME PUMPED: 2.5 MINS.

2 INCH x .163

TOTAL VOLUME PURGED: 50 GALS.

4 INCH x .653 ✓

SAMPLING ANALYSIS:

VOLATILE ORGANICS CLP NYSDEC 989

FIELD PARAMETERS:

TEMP: 0 °C

CONDUCTIVITY: 370/370/370 us

pH: 7.1/6.9/6.9

TURBIDITY: NTU

NOTES: FIELD BLANK COLLECTED THROUGH BAILER PRIOR TO PURGING

SIGNATURE: Michael N. Scott

H2M GROUP

ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS
MELVILLE, N.Y. TOTOWA, N.J.

GROUNDWATER MONITORING WELL REPORT

SITE: Third Party Investigation LOCATION: Man Products PROJECT NO.: CROW9102

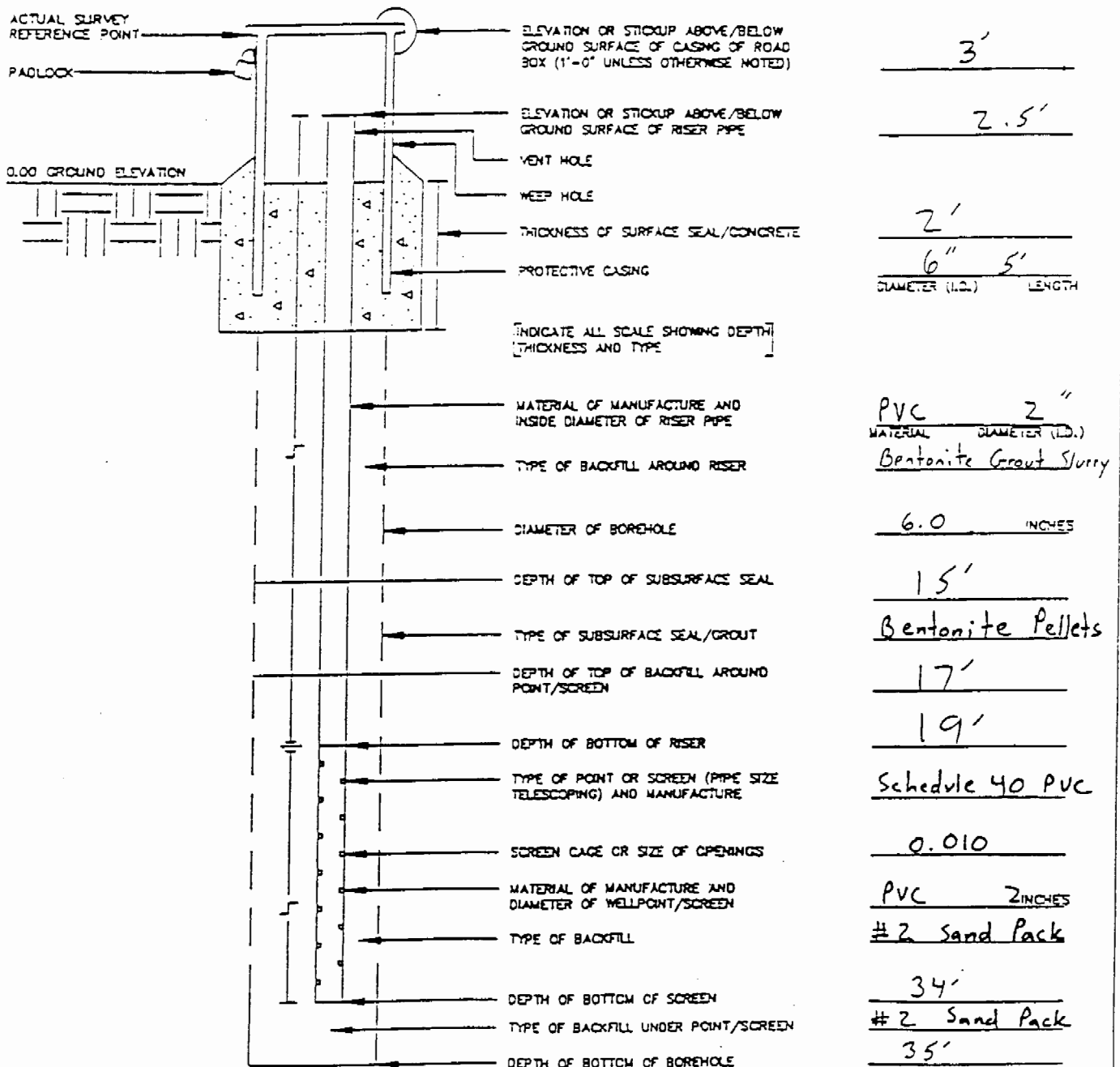
CONTRACTOR: Water Resources Inc. DRILLER: John Barnes

INSPECTOR: MNG/MS INSTALLATION DATE: 1/17/92 WELL NO.: MW-1M

NOTE: UNLESS OTHERWISE DESIGNATED ALL DEPTHS ARE BASED ON A 0.00 GROUND ELEVATION

DRILLING METHOD

Hollow Stem Auger



WELLNPT.DWG
AD0000112

(L1) LENGTH OF RISER 21.5' (L2) LENGTH OF SCREEN 15' REFERENCE POINT Top of Casing GROUND ELEV. 74.87'
ACTUAL ELEVATIONS - WHERE AVAILABLE

H2M GEOLOGIC LOG

JOB NO. CROW 9102

WELL DATA: HOLE DIAM.: 8" TD 36' SCREEN SETTING: 19'-34' SLOT .010
 CASING DIAM. 4" LENGTH 35' WELL STATUS Complete

Borehole Location: MW - 1M
 Contractor: Water Resources Inc.
 Driller: John Barnes
 Elevation: 74.87' Ref Point: Casing

Completion Depth: 35'
 Date Started: 1/17/92 Finished: 1/17/92
 Weather: Cold, cloudy
 Logged by: MSC/MNG Checked by:

Type of Rig: Truck X Trailer Mounted Tripod Other
 Drilling Method: Rotary Auger Bit type: Carbide
 Sampler Hammer Weight: 140 (lbs).
 Average Hammer Fall (inches): 30

Depth to Groundwater: 22.5' Date: 1/17/92 Time: Aquifer: Upper Glacial

Sample Depth	No	Blows 6"	Hnu Res	Color	Recov (in)	Sample Description	Lithology
.5						Began sampling	
1						at 2'	
1.5							
2.0		3/5/7/6	0	Black Brown	0	(N/A) well compacted sands.	NA
2.5							
3.0							
3.5							
4.0							
4.5							
5.0							
5.5							
6.0							
6.5							
7.0		25/25/	0	Tan Brown	12"	Gravelly, medium to fine grained, poorly sorted sand.	SW
7.5		20/25					
8.0							
8.5							
9.0							
9.5							
10.0							

SIGNATURE: John BarnesDATE: 1/17/92

GROUNDWATER MONITORING WELL REPORT

SITE: Third Party Investigation LOCATION: Pall Corp. PROJECT NO.: CROW9102

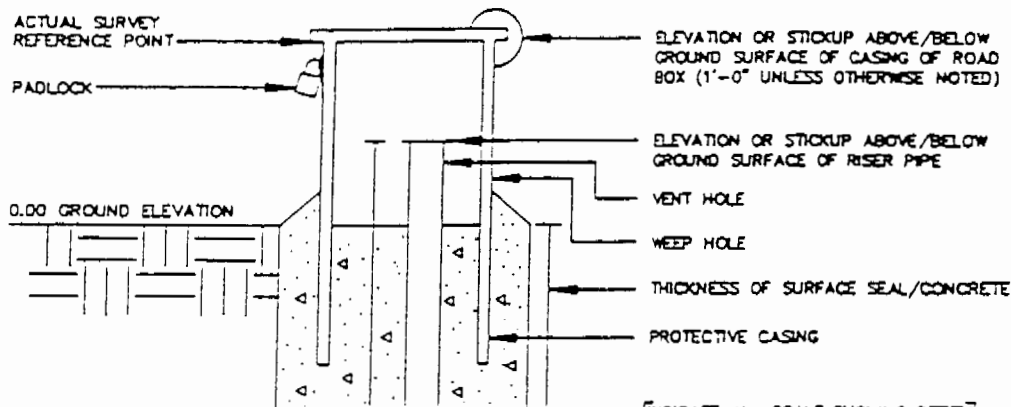
CONTRACTOR: Water Resources Inc. DRILLER: John Barnes

INSPECTOR: MNG/MS INSTALLATION DATE: 1/20/92 WELL NO.: MW-5P

NOTE: UNLESS OTHERWISE DESIGNATED ALL DEPTHS ARE BASED ON A 0.00 GROUND ELEVATION

DRILLING METHOD

Hollow Stem Auger



Flush Mount

- 6"

1.0'

8"

1'

DIAMETER (I.D.)

LENGTH

PVC 4"
MATERIAL DIAMETER (I.D.)

N/A

8.0 INCHES

1.0'

Bentonite Pellets

2.0'

3'

Schedule 40 PVC

0.010

PVC 4 INCHES

#2 Sand Pack

13'

#2 Sand Pack

14'

WELL001.DWG
A00000112

(L1) LENGTH OF RISER 2.5' (L2) LENGTH OF SCREEN 10' REFERENCE POINT Top of Casing GROUND ELEV. 52.09

ACTUAL ELEVATIONS - WHERE AVAILABLE

H2M GEOLOGIC LOG

JOB NO. CROW 910Z

WELL DATA: HOLE DIAM.: 8" TD 14' SCREEN SETTING: 3'-13' SLOT .010
 CASING DIAM. 4" LENGTH 13' WELL STATUS Complete

Borehole Location: MW-5P
 Contractor: Water Resources Inc.
 Driller: John Barnes
 Elevation: 52.09 Ref Point: Casing

Completion Depth: 13'
 Date Started: 1/20/92 Finished: 1/20/92
 Weather: Cool, Cloudy
 Logged by: MSC/MNG Checked by:

Type of Rig: Truck x Trailer Mounted Tripod Other
 Drilling Method: Rotary Auger Bit type: Carbide
 Sampler Hammer Weight: 140 (lbs).
 Average Hammer Fall (inches): 30

Depth to Groundwater: 3.2' Date: 1/20/92 Time: Aquifer: Upper Glacial

Sample Depth	No	Blows 6"	Hnu Res	Color	Recov (in)	Sample Description	Lithology
.5						Sampling began	
1						at 2'	
1.5							
2.0		2/3/4/5	40 ppm	Dark Brown	10"	Coarse grained well sorted	SP
2.5						moist at 3.2'	
3.0							▼
3.5							
4.0		4/4/4/5	50 ppm	Black Brown	12"	Coarse grained well sorted	SP
4.5							
5.0							
5.5							
6.0							
6.5							
7.0							
7.5							
8.0							
8.5							
9.0							
9.5							
10.0							

SIGNATURE: MVA / A. D. [Signature]DATE: 4/17/97

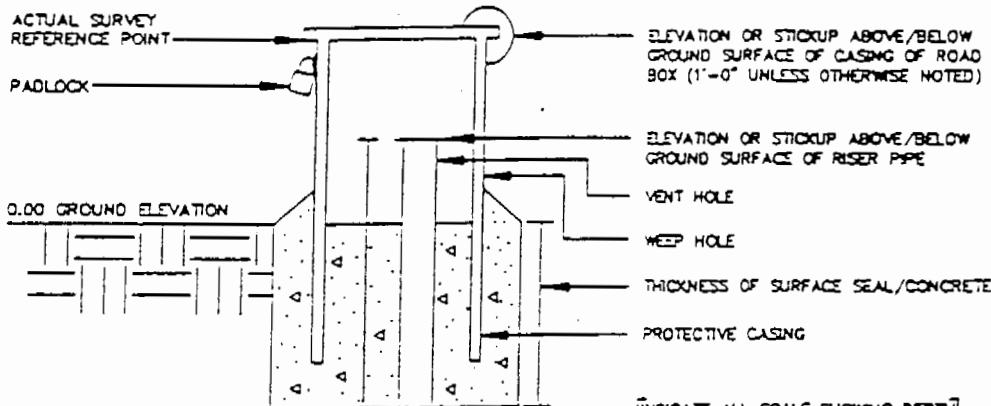
GROUNDWATER MONITORING WELL REPORT

SITE: Third Party Investigation LOCATION: Pall Corp PROJECT NO.: CROW9102
 CONTRACTOR: Water Resources Inc. DRILLER: John Barnes
 INSPECTOR: MNG/MS INSTALLATION DATE: 1/20/92 WELL NO.: MW-4P

NOTE: UNLESS OTHERWISE DESIGNATED ALL DEPTHS ARE BASED ON A 0.00 GROUND ELEVATION

DRILLING METHOD

Hollow Stem Auger



[INDICATE ALL SCALE SHOWING DEPTH]
[THICKNESS AND TYPE]

MATERIAL OF MANUFACTURE AND
INSIDE DIAMETER OF RISER PIPE

PVC 4"
MATERIAL DIAMETER (I.D.)

TYPE OF BACKFILL AROUND RISER

Bentonite Grout Slurry

DIAMETER OF BOREHOLE

8.0 INCHES

DEPTH OF TOP OF SUBSURFACE SEAL

9'

TYPE OF SUBSURFACE SEAL/GROUT

Bentonite Pellets

DEPTH OF TOP OF BACKFILL AROUND
POINT/SCREEN

11'

DEPTH OF BOTTOM OF RISER

13'

TYPE OF POINT OR SCREEN (PIPE SIZE
TELESCOPING) AND MANUFACTURE

Schedule 40 PVC

SCREEN CAGE OR SIZE OF OPENINGS

0.010

MATERIAL OF MANUFACTURE AND
DIAMETER OF WELLPPOINT/SCREEN

PVC 4 INCHES

TYPE OF BACKFILL

#2 Sand Pack

DEPTH OF BOTTOM OF SCREEN

23'

TYPE OF BACKFILL UNDER POINT/SCREEN

#2 Sand Pack

DEPTH OF BOTTOM OF BOREHOLE

24'

WELLKOPT.DWG

AC0000112

(L1) LENGTH OF RISER 12.5' (L2) LENGTH OF SCREEN 10' REFERENCE POINT Top of Casing GROUND ELEV. 53.35
 ACTUAL ELEVATIONS - WHERE AVAILABLE

HEM GEOLOGIC LOG

JOB NO. Crow 9102

WELL DATA: HOLE DIAM.: 8" TD 24' SCREEN SETTING: 23'-13' SLOT .010
 CASING DIAM. 4" LENGTH 23' WELL STATUS Complete

Borehole Location: _____
 Contractor: Water Resources Inc.
 Driller: John Barnes
 Elevation: 5335 Ref Point: Casing

Completion Depth: 23'
 Date Started: 1/20/92 Finished: 1/20/92
 Weather: Cool, Cloudy
 Logged by: MSC/MNG Checked by: _____

Type of Rig: Truck x Trailer Mounted _____ Tripod _____ Other _____
 Drilling Method: Rotary Auger Bit type: Carbide
 Sampler Hammer Weight: 140 (lbs).
 Average Hammer Fall (inches): 30

Depth to Groundwater: 3.3' Date: 1/20/92 Time: _____ Aquifer: Upper Glacial

Sample Depth	No	Blows 6"	Env Res	Color	Recov (in)	Sample Description	Lithology
.5							
1		2 2/4/6	0.3	Black Brown	11"	Gravelly, coarse grained poorly sorted sand	SW
1.5							
2.0							
2.5							
3.0		3 5/4/7	0.3	Black Brown	10"	Gravelly, coarse grained poorly sorted sand	SW ▼
3.5						moist at 3.3'	
4.0							
4.5							
5.0							
5.5							
6.0							
6.5							
7.0							
7.5							
8.0							
8.5							
9.0							
9.5							
10.0							

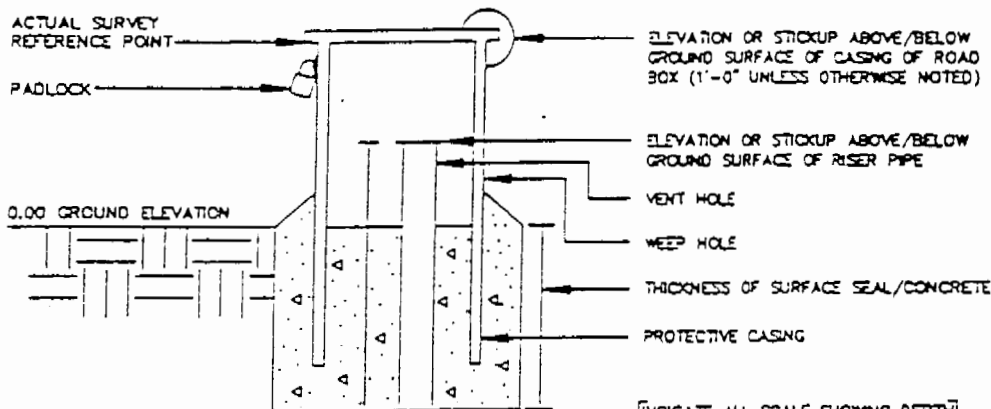
GROUNDWATER MONITORING WELL REPORT

SITE: Third Party Investigation LOCATION: Pall Corp. PROJECT NO.: CROW9102
 CONTRACTOR: Water Resources Inc. DRILLER: John Barnes
 INSPECTOR: MNG/MS INSTALLATION DATE: 1/21/92 WELL NO.: MW-1P

NOTE: UNLESS OTHERWISE DESIGNATED ALL DEPTHS ARE BASED ON A 0.00 GROUND ELEVATION

DRILLING METHOD

Hollow Stem Auger



Flush mount

- 6"

1'
8" 1'
DIAMETER (I.D.) LENGTH

PVC 4"
MATERIAL DIAMETER (I.D.)
N/A

8.0 INCHES

1'
Bentonite Pellets

3'

5'

Schedule 40 PVC

0.010

PVC 4 INCHES

#2 Sand Pack

15'

#2 Sand Pack

16'

WELLPOINT.DWG
ADAPTED

(L1) LENGTH OF RISER 4.5' (L2) LENGTH OF SCREEN 10' REFERENCE POINT Top of Casing GROUND ELEV. 56.45'
 ACTUAL ELEVATIONS - WHERE AVAILABLE

H2M GEOLOGIC LOG

JOB NO. CROW 9102

WELL DATA: HOLE DIAM.: 8" TD 16' SCREEN SETTING: 5'-15' SLOT .010
 CASING DIAM.: 4" LENGTH 15' WELL STATUS Complete

Borehole Location: MW-1P
 Contractor: Water Resources Inc.
 Driller: John Barnes
 Elevation: 56.45 Ref Point: Casing

Completion Depth: 15'
 Date Started: 1/21/92 Finished: 1/21/92
 Weather: Cool Cloudy
 Logged by: MSC/MNG Checked by:

Type of Rig: Truck x Trailer Mounted Tripod Other
 Drilling Method: Rotary Auger Bit type: Carbide
 Sampler Hammer Weight: 140 (lbs).
 Average Hammer Fall (inches): 30

Depth to Groundwater: 7' Date: 1/21/92 Time: Aquifer: Upper Glacial

Sample Depth	No	Blows 6"	Hnu Res	Color	Recov (in)	Sample Description	Lithology
.5						Sampling began	
1						at 2'	
1.5							
2.0		4/5/5/5	2.0	Dark Brown	10"	Gravelly, coarse grained, poorly sorted sand.	SW
2.5							
3.0							
3.5							
4.0		5/4/4/7	1.3	Dark Brown	13"	Gravelly, coarse grained, poorly sorted sand	SW
4.5							
5.0							
5.5							
6.0							
6.5							
7.0		N/A	N/A	N/A	5"	Gravelly, coarse grained, poorly sorted sand	▼ SW
7.5							
8.0							
8.5							
9.0							
9.5							
10.0							

GROUNDWATER MONITORING WELL REPORT

SITE: Third Party Investigation LOCATION: Pall Corp PROJECT NO.: CROW9102

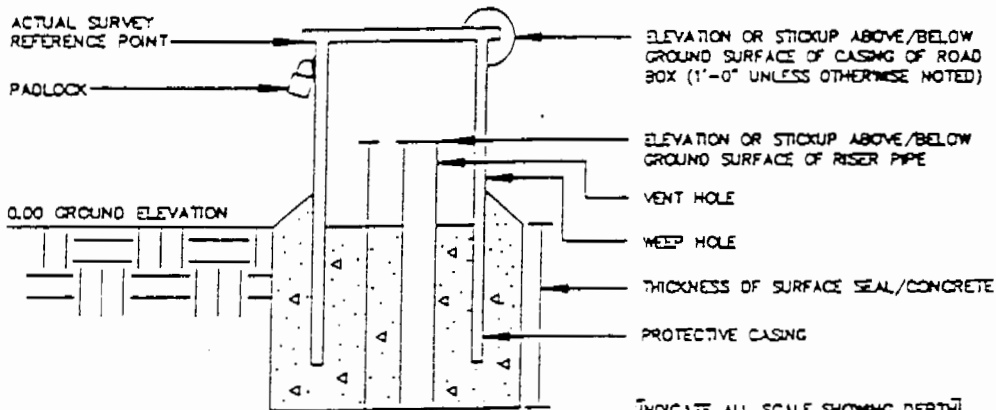
CONTRACTOR: Water Resources Inc. DRILLER: John Barnes

INSPECTOR: MNG/MS INSTALLATION DATE: 1/21/92 WELL NO.: MW-3P

NOTE: UNLESS OTHERWISE DESIGNATED ALL DEPTHS ARE BASED ON A 0.00 GROUND ELEVATION

DRILLING METHOD

Hollow Stem Auger



[INDICATE ALL SCALE SHOWING DEPTH]
[THICKNESS AND TYPE]

MATERIAL OF MANUFACTURE AND
INSIDE DIAMETER OF RISER PIPE

PVC 4"
MATERIAL DIAMETER (I.D.)

TYPE OF BACKFILL AROUND RISER

N/A

DIAMETER OF BOREHOLE

8.0 INCHES

DEPTH OF TOP OF SUBSURFACE SEAL

1.0'

TYPE OF SUBSURFACE SEAL/GROUT

Bentonite Pellets

DEPTH OF TOP OF BACKFILL AROUND
POINT/SCREEN

2.0

DEPTH OF BOTTOM OF RISER

3'

TYPE OF POINT OR SCREEN (PIPE SIZE
TELESCOPING) AND MANUFACTURE

Schedule 40 PVC

SCREEN CAGE OR SIZE OF OPENINGS

0.010

MATERIAL OF MANUFACTURE AND
DIAMETER OF WELLPPOINT/SCREEN

PVC 4 INCHES

TYPE OF BACKFILL

#2 Sand Pack

DEPTH OF BOTTOM OF SCREEN

14'

TYPE OF BACKFILL UNDER POINT/SCREEN

#2 Sand Pack

DEPTH OF BOTTOM OF BOREHOLE

15'

WELLPOINT.DWG
AD-0000112

(L1) LENGTH OF RISER 2.5' (L2) LENGTH OF SCREEN 11' REFERENCE POINT Top of Casing GROUND ELEV. 54.16'
ACTUAL ELEVATIONS - WHERE AVAILABLE

H2M GEOLOGIC LOG

JOB NO. CROW 9102

WELL DATA: HOLE DIAM.: 8" TD 15' SCREEN SETTING: 3'-14' SLOT .010
 CASING DIAM. 4" LENGTH 14' WELL STATUS Complete

Borehole Location: MW-3P
 Contractor: Water Resources Inc.
 Driller: John Barnes
 Elevation: 54.16' Ref Point: Casing

Completion Depth: 14'
 Date Started: 1/21/92 Finished: 1/21/92
 Weather: Cool, Cloudy
 Logged by: MSC/MNG Checked by:

Type of Rig: Truck x Trailer Mounted Tripod Other
 Drilling Method: Rotary Auger Bit type: Carbide
 Sampler Hammer Weight: 140 (lbs).
 Average Hammer Fall (inches): 30

Depth to Groundwater: 4' Date: 1/21/92 Time: Aquifer: Upper Glacial

Sample Depth	Nc	Blows 6"	Env Res	Color	Recov (in)	Sample Description	Lithology
.5						Sampling began	
1						at 2'	
1.5							
2.0		2 3/5/4	0.3	Dark Brown	11"	Gravelly, Coarse grained, Poorly sorted sand	SW
2.5						Tip moist	
3.0							
3.5							
4.0							
4.5							
5.0							
5.5							
6.0							
6.5							
7.0							
7.5							
8.0							
8.5							
9.0							
9.5							
10.0							

GROUNDWATER MONITORING WELL REPORT

SITE: Third Party Investigation LOCATION: Pall Corp. PROJECT NO.: CROW9102

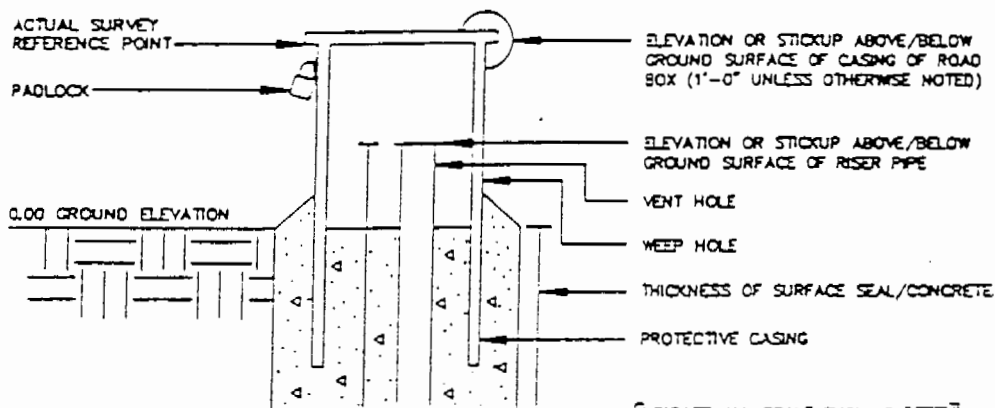
CONTRACTOR: Water Resources Inc. DRILLER: John Barnes

INSPECTOR: MNG/MS INSTALLATION DATE: 1/22/92 WELL NO.: MW-2P

NOTE: UNLESS OTHERWISE DESIGNATED ALL DEPTHS ARE BASED ON A 0.00 GROUND ELEVATION

DRILLING METHOD

Hollow Stem Auger



(INDICATE ALL SCALE SHOWING DEPTH THICKNESS AND TYPE)

MATERIAL OF MANUFACTURE AND INSIDE DIAMETER OF RISER PIPE

PVC 4"
MATERIAL DIAMETER (I.D.)

TYPE OF BACKFILL AROUND RISER

N/A

DIAMETER OF BOREHOLE

8.0 INCHES

DEPTH OF TOP OF SUBSURFACE SEAL

1.0'

TYPE OF SUBSURFACE SEAL/GROUT

Bentonite Pellets

DEPTH OF TOP OF BACKFILL AROUND POINT/SCREEN

2.0'

DEPTH OF BOTTOM OF RISER

4'

TYPE OF POINT OR SCREEN (PIPE SIZE TELESCOPING) AND MANUFACTURE

Schedule 40 PVC

SCREEN CAGE OR SIZE OF OPENINGS

0.010

MATERIAL OF MANUFACTURE AND DIAMETER OF WELLPOINT/SCREEN

PVC 4 INCHES

TYPE OF BACKFILL

#2 Sand Pack

DEPTH OF BOTTOM OF SCREEN

14'

TYPE OF BACKFILL UNDER POINT/SCREEN

#2 Sand Pack

DEPTH OF BOTTOM OF BOREHOLE

15'

WELLNOPT.DWG
AD-90-113

(L1) LENGTH OF RISER 3.5' (L2) LENGTH OF SCREEN 10' REFERENCE POINT Top of Casing GROUND ELEV. 54.97
ACTUAL ELEVATIONS - WHERE AVAILABLE

HEM GEOLOGIC LOG

JOB NO. CROW 9102

WELL DATA: HOLE DIAM.: 8" TD 15' SCREEN SETTING: 4-14' SLOT .010
 CASING DIAM. 4" LENGTH 14' WELL STATUS Complete

Borehole Location: _____
 Contractor: Water Resources Inc.
 Driller: John Barnes
 Elevation: 54.97' Ref Point: Casing

Completion Depth: 14'
 Date Started: 1/22/92 Finished: 1/22/92
 Weather: Cool, Cloudy
 Logged by: MSC/MNG Checked by: _____

Type of Rig: Truck x Trailer Mounted _____ Tripod _____ Other _____
 Drilling Method: Rotary Auger Bit type: Carbide
 Sampler Hammer Weight: 140 (lbs).
 Average Hammer Fall (inches): 30

Depth to Groundwater: 4.5' Date: 1/22/92 Time: _____ Aquifer: Upper Glacial

Sample Depth	No	Blows 6"	Env Res	Color	Recov (in)	Sample Description	Lithology
.5						Sampling began	
1						at 2'	
1.5							
2.0		2/4/3/5	5ppm	Dark Brown	13"	Gravelly, Coarse grained, poorly sorted sand	SW
2.5							
3.0							
3.5							
4.0		5/4/6/5	N/A	Dark Brown	13"	Gravelly, Coarse grained, poorly sorted sand	SW
4.5						moist at 4.5'	▼
5.0							
5.5							
6.0							
6.5							
7.0							
7.5							
8.0							
8.5							
9.0							
9.5							
10.0							

GROUNDWATER MONITORING WELL REPORT

SITE: Third Party Investigation LOCATION: August Thomsen PROJECT NO.: CROW9102

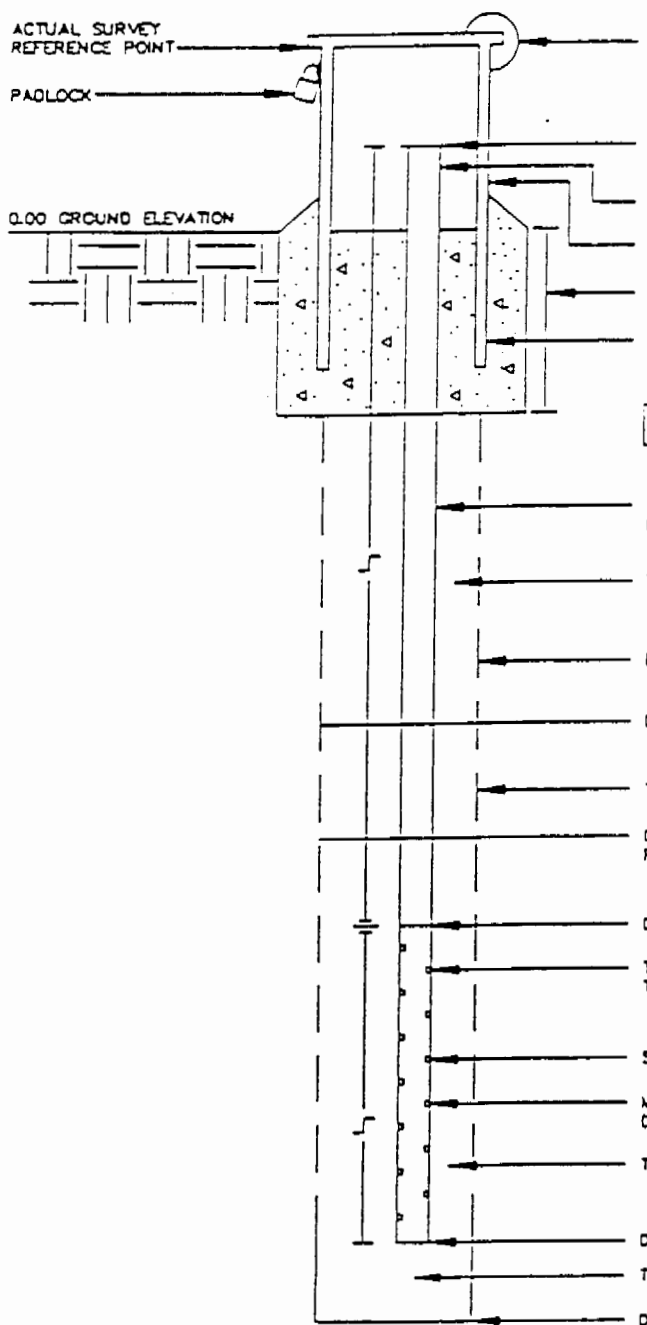
CONTRACTOR: Water Resources Inc. DRILLER: John Barnes

INSPECTOR: MNG/MS INSTALLATION DATE: 1/23/92 WELL NO.: MW-2A

NOTE: UNLESS OTHERWISE DESIGNATED ALL DEPTHS ARE BASED ON A 0.00 GROUND ELEVATION

DRILLING METHOD

Hollow Stem Auger

 <p>ACTUAL SURVEY REFERENCE POINT</p> <p>PADLOCK</p> <p>0.00 GROUND ELEVATION</p>	<p>ELEVATION OR STICKUP ABOVE/BELOW GROUND SURFACE OF CASING OF ROAD BOX (1'-0" UNLESS OTHERWISE NOTED)</p> <p>ELEVATION OR STICKUP ABOVE/BELOW GROUND SURFACE OF RISER PIPE</p> <p>VENT HOLE</p> <p>WEEP HOLE</p> <p>THICKNESS OF SURFACE SEAL/CONCRETE</p> <p>PROTECTIVE CASING</p> <p>[INDICATE ALL SCALE SHOWING DEPTH] THICKNESS AND TYPE</p> <p>MATERIAL OF MANUFACTURE AND INSIDE DIAMETER OF RISER PIPE</p> <p>TYPE OF BACKFILL AROUND RISER</p> <p>DIAMETER OF BOREHOLE</p> <p>DEPTH OF TOP OF SUBSURFACE SEAL</p> <p>TYPE OF SUBSURFACE SEAL/GROUT</p> <p>DEPTH OF TOP OF BACKFILL AROUND POINT/SCREEN</p> <p>DEPTH OF BOTTOM OF RISER</p> <p>TYPE OF POINT OR SCREEN (PIPE SIZE TELESCOPING) AND MANUFACTURE</p> <p>SCREEN CAGE OR SIZE OF OPENINGS</p> <p>MATERIAL OF MANUFACTURE AND DIAMETER OF WELLPOINT/SCREEN</p> <p>TYPE OF BACKFILL</p> <p>DEPTH OF BOTTOM OF SCREEN</p> <p>TYPE OF BACKFILL UNDER POINT/SCREEN</p> <p>DEPTH OF BOTTOM OF BOREHOLE</p>	<p><u>Flush Mount</u></p> <p><u>-6"</u></p> <p><u>1'</u></p> <p><u>8"</u> <u>1'</u></p> <p>DIAMETER (I.D.) LENGTH</p> <p><u>PVC</u> <u>4"</u></p> <p>MATERIAL DIAMETER (I.D.)</p> <p><u>N/A</u></p> <p><u>8.0</u> INCHES</p> <p><u>1'</u></p> <p><u>Bentonite Pellets</u></p> <p><u>2'</u></p> <p><u>3'</u></p> <p><u>Schedule 40 PVC</u></p> <p><u>0.010</u></p> <p><u>PVC</u> <u>4</u> INCHES</p> <p><u>#2 Sand Pack</u></p> <p><u>13'</u></p> <p><u>#2 Sand Pack</u></p> <p><u>14'</u></p>
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WELLDEPTH.DWG
A00000112

(L1) LENGTH OF RISER 2.5' (L2) LENGTH OF SCREEN 10' REFERENCE POINT Top of Casing GROUND ELEV. 51.22'
ACTUAL ELEVATIONS - WHERE AVAILABLE

H2M GEOLOGIC LOG

JOB NO. CROW 910Z

WELL DATA: HOLE DIAM.: 8" TD 14' SCREEN SETTING: 3'-13' SICT .010
 CASING DIAM. 4" LENGTH 13' WELL STATUS Complete

Borehole Location: MW-2A
 Contractor: Water Resources Inc.
 Driller: John Barnes
 Elevation: 51.22' Ref Point: Casing

Completion Depth: 13'
 Date Started: 1/23/92 Finished: 1/23/92
 Weather: Cool, Rain
 Logged by: MSC/MNG Checked by:

Type of Rig: Truck X Trailer Mounted Tripod Other
 Drilling Method: Rotary Auger Bit type: Carbide
 Sampler Hammer Weight: 140 (lbs).
 Average Hammer Fall (inches): 30

Depth to Groundwater: 2' Date: 1/23/92 Time: Aquifer: Upper Glacial

Sample Depth	No	Blows 6"	Hnu Res	Color	Recov (in)	Sample Description	Lithology
.5						Sampling began	
1						at 2'	
1.5							
2.0		6/6/7/5	N/A	Dark Brown	12"	Highly organic, medium plasticity clay. Contains organics. moist.	▼ P4-OH
2.5							
3.0							
3.5							
4.0							
4.5							
5.0							
5.5							
6.0							
6.5							
7.0							
7.5							
8.0							
8.5							
9.0							
9.5							
10.0							

GROUNDWATER MONITORING WELL REPORT

SITE: Third Party Investigation LOCATION: August Thensen PROJECT NO.: CROW9102

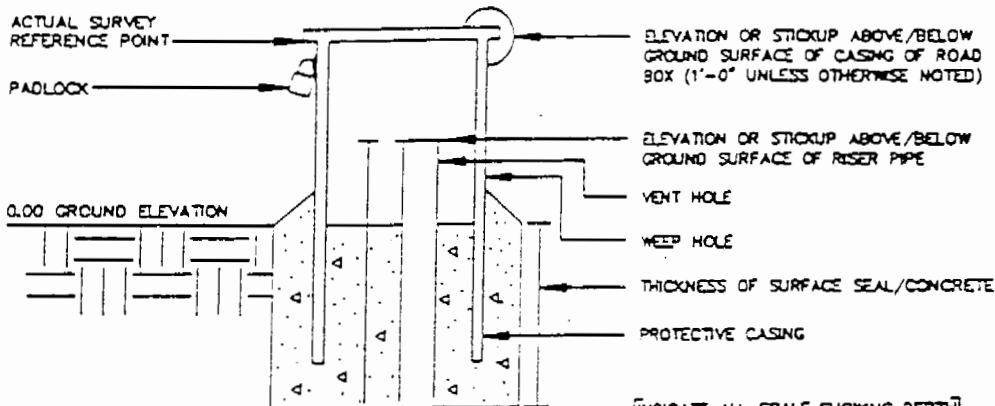
CONTRACTOR: Water Resources Inc. DRILLER: John Barnes

INSPECTOR: MNG/MSU INSTALLATION DATE: 1/23/92 WELL NO.: MW-1A

NOTE: UNLESS OTHERWISE DESIGNATED ALL DEPTHS ARE BASED ON A 0.00 GROUND ELEVATION

DRILLING METHOD

Hollow Stem Auger



[INDICATE ALL SCALE SHOWING DEPTH]
THICKNESS AND TYPE

Flush Mount

- 6"

1'
8" 1'
DIAMETER (I.D.) LENGTH

MATERIAL OF MANUFACTURE AND
INSIDE DIAMETER OF RISER PIPE

PVC 4"
MATERIAL DIAMETER (I.D.)

TYPE OF BACKFILL AROUND RISER

N/A

DIAMETER OF BOREHOLE

8.0 INCHES

DEPTH OF TOP OF SUBSURFACE SEAL

2'

TYPE OF SUBSURFACE SEAL/GROUT

Bentonite Pellets

DEPTH OF TOP OF BACKFILL AROUND
POINT/SCREEN

2'

DEPTH OF BOTTOM OF RISER

3'

TYPE OF POINT OR SCREEN (PIPE SIZE
TELESCOPING) AND MANUFACTURE

Schedule 40 PVC

SCREEN CAGE OR SIZE OF OPENINGS

0.010

MATERIAL OF MANUFACTURE AND
DIAMETER OF WELLPPOINT/SCREEN

PVC 4 INCHES

TYPE OF BACKFILL

#2 Sand Pack

DEPTH OF BOTTOM OF SCREEN

13'

TYPE OF BACKFILL UNDER POINT/SCREEN

#2 Sand Pack

DEPTH OF BOTTOM OF BOREHOLE

14'

WELLNOPT.DWG
A0409112

(L1) LENGTH OF RISER 2.5' (L2) LENGTH OF SCREEN 10' REFERENCE POINT Top of Casing GROUND ELEV. 54.47'
ACTUAL ELEVATIONS - WHERE AVAILABLE

H2M GEOLOGIC LOG

JOB NO. CROW 9102

WELL DATA: HOLE DIAM.: 8" TD 14' SCREEN SETTING: 3'-13' SLOT .010
 CASING DIAM. 4" LENGTH 13' WELL STATUS Complete

Borehole Location: MW-1A
 Contractor: Water Resources Inc.
 Driller: John Barnes
 Elevation: 54.47' Ref Point: Casing

Completion Depth: 13'
 Date Started: 1/23/92 Finished: 1/23/92
 Weather: Cool, Rain
 Logged by: MSC/MNG Checked by:

Type of Rig: Truck x Trailer Mounted Tripod Other
 Drilling Method: Rotary Auger Bit type: Carbide
 Sampler Hammer Weight: 140 (lbs).
 Average Hammer Fall (inches): 30

Depth to Groundwater: 3.8' Date: 1/23/92 Time: Aquifer: Upper Glacial

Sample Depth	No	Blows 6"	Hru Res	Color	Recov (in)	Sample Description	Lithology
.5						Sampling began	
1						at 2'	
1.5							
2.0		3/4/8/8	0.3	Dark Brown	13"	Organic clays of medium plasticity, Some silt.	OH
2.5							
3.0							
3.5							▼
4.0							
4.5							
5.0							
5.5							
6.0							
6.5							
7.0							
7.5							
8.0							
8.5							
9.0							
9.5							
10.0							

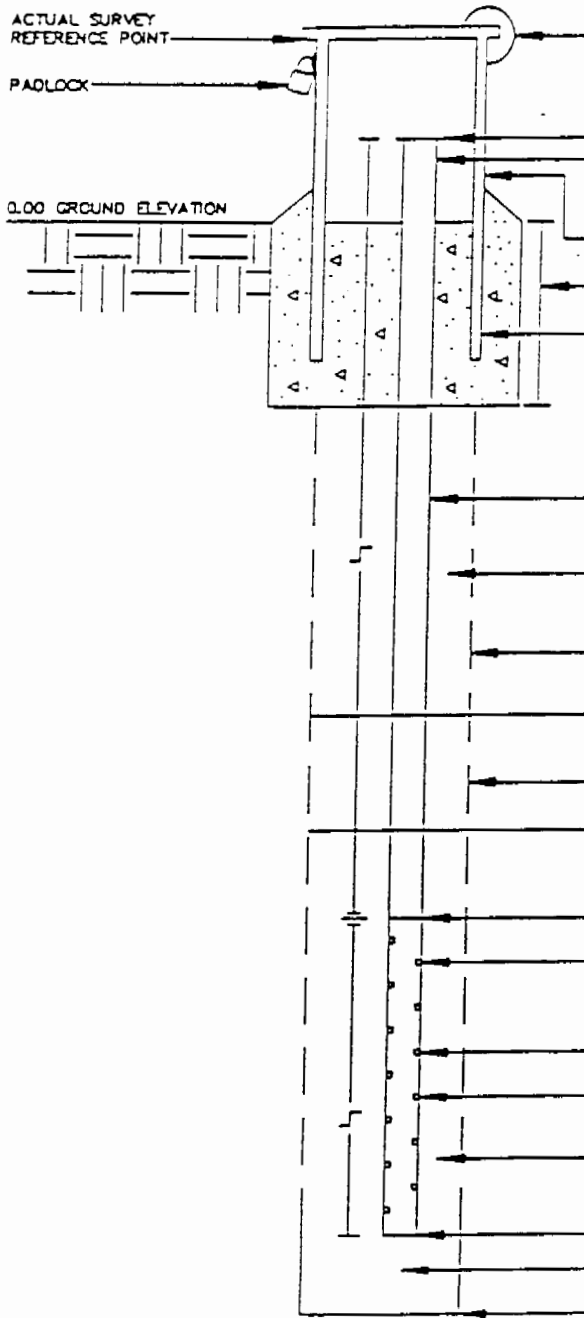
GROUNDWATER MONITORING WELL REPORT

SITE: Third Party Investigation LOCATION: Enal / Pass and Seymour PROJECT NO.: CROW9102
 CONTRACTOR: Water Resources INC. DRILLER: John Barnes
 INSPECTOR: MNG/MSD INSTALLATION DATE: 1/27/92 WELL NO.: MW-15

NOTE: UNLESS OTHERWISE DESIGNATED ALL DEPTHS ARE BASED ON A 0.00 GROUND ELEVATION

DRILLING METHOD

Hollow Stem Auger

	<p>ELEVATION OR STICKUP ABOVE/BELOW GROUND SURFACE OF CASING OF ROAD BOX (1'-0" UNLESS OTHERWISE NOTED)</p> <p>ELEVATION OR STICKUP ABOVE/BELOW GROUND SURFACE OF RISER PIPE</p> <p>VENT HOLE</p> <p>WEEP HOLE</p> <p>THICKNESS OF SURFACE SEAL/CONCRETE</p> <p>PROTECTIVE CASING</p> <p>[INDICATE ALL SCALE SHOWING DEPTH THICKNESS AND TYPE]</p> <p>MATERIAL OF MANUFACTURE AND INSIDE DIAMETER OF RISER PIPE</p> <p>TYPE OF BACKFILL AROUND RISER</p> <p>DIAMETER OF BOREHOLE</p> <p>DEPTH OF TOP OF SUBSURFACE SEAL</p> <p>TYPE OF SUBSURFACE SEAL/GROUT</p> <p>DEPTH OF TOP OF BACKFILL AROUND POINT/SCREEN</p> <p>DEPTH OF BOTTOM OF RISER</p> <p>TYPE OF POINT OR SCREEN (PIPE SIZE TELESCOPING) AND MANUFACTURE</p> <p>SCREEN CAGE OR SIZE OF OPENINGS</p> <p>MATERIAL OF MANUFACTURE AND DIAMETER OF WELLPOINT/SCREEN</p> <p>TYPE OF BACKFILL</p> <p>DEPTH OF BOTTOM OF SCREEN</p> <p>TYPE OF BACKFILL UNDER POINT/SCREEN</p> <p>DEPTH OF BOTTOM OF BOREHOLE</p>	<p><u>Flush Mount</u></p> <p><u>- 6"</u></p> <p><u>2'</u></p> <p><u>8" 1'</u></p> <p>DIAMETER (LD.) LENGTH</p> <p><u>PVC 4"</u></p> <p>MATERIAL DIAMETER (LD.)</p> <p><u>N/A</u></p> <p><u>8.0 INCHES</u></p> <p><u>2'</u></p> <p><u>Bentonite Pellets</u></p> <p><u>4'</u></p> <p><u>6'</u></p> <p><u>Schedule 40 PVC</u></p> <p><u>0.010</u></p> <p><u>PVC 4 INCHES</u></p> <p><u>#2 Sand Pack</u></p> <p><u>21'</u></p> <p><u>#2 Sand Pack</u></p> <p><u>22'</u></p>
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WELLPOINT INC.
A0000112

(L1) LENGTH OF RISER 5.5' (L2) LENGTH OF SCREEN 15' REFERENCE POINT Top of Casing GROUND ELEV. 61.80'
 ACTUAL ELEVATIONS - WHERE AVAILABLE

H2M GEOLOGIC LOG

JOB NO. CROW 9102

WELL DATA: HOLE DIAM.: 8" TD 22' SCREEN SETTING: 6'-21' SLOT .010
 CASING DIAM. 4" LENGTH 21' WELL STATUS Complete

Borehole Location: MW-15
 Contractor: Water Resources Inc.
 Driller: John Barnes
 Elevation: 61.80' Ref Point: Casing

Completion Depth: 21'
 Data Started: 1/27/92 Finished: 1/27/92
 Weather: Cold, partly cloudy
 Logged by: MSC/MNG Checked by:

Type of Rig: Truck x Trailer Mounted Tripod Other
 Drilling Method: Rotary Auger Bit type: Carbide
 Sampler Hammer Weight: 140 (lbs).
 Average Hammer Fall (inches): 30

Depth to Groundwater: 9.6' Date: 1/27/92 Time: Aquifer: Upper Glacial

Sample Depth	No	Blows 6"	Env Res	Color	Recov (in)	Sample Description	Lithology
.5						Sampling began	
1						at 2'	
1.5							
2.0		15/20/15/17	0	medium Yellow	13"	Gravelly, coarse grained, poorly sorted sand.	SW
2.5							
3.0							
3.5							
4.0		15/16/18/22	0	medium Yellow	14"	Gravelly, coarse grained, poorly sorted sand	SW
4.5							
5.0							
5.5							
6.0		12/16/18/20	0.4	medium Yellow	12"	Coarse grained, poorly sorted sand	SW
6.5							
7.0							
7.5							
8.0		18/22/30/25	0	Tan Brown	12"	Gravelly, medium to fine grained, poorly sorted sand. moist at 9.6'.	SW
8.5							
9.0							
9.5							▼
10.0							

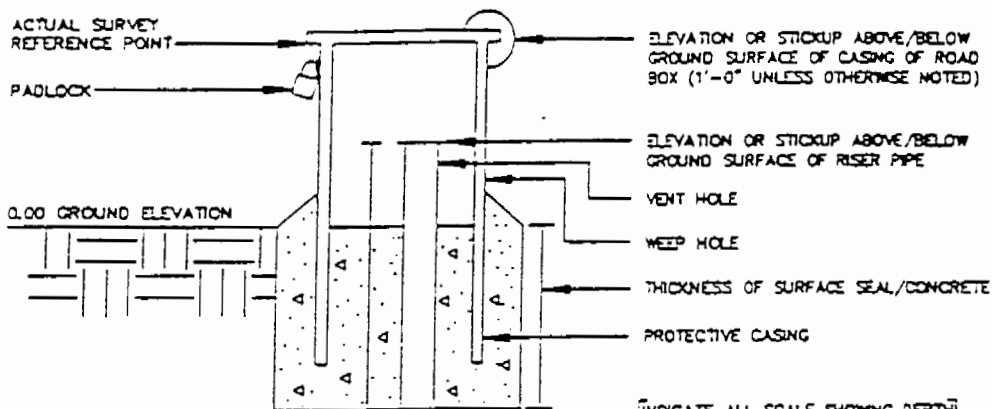
GROUNDWATER MONITORING WELL REPORT

SITE: Third Party Investigation LOCATION: Enal / Pass and Seymour PROJECT NO.: CROW9102
 CONTRACTOR: Water Resources Inc. DRILLER: John Barnes
 INSPECTOR: MNG/MS INSTALLATION DATE: 1/27/92 WELL NO.: MW-25

NOTE: UNLESS OTHERWISE DESIGNATED ALL DEPTHS ARE BASED ON A 0.00 GROUND ELEVATION

DRILLING METHOD

Hollow Stem Auger



[INDICATE ALL SCALE SHOWING DEPTH]
[THICKNESS AND TYPE]

Flush mount

- 6"

2'

8" 1'

DIAMETER (I.D.) LENGTH

MATERIAL OF MANUFACTURE AND
INSIDE DIAMETER OF RISER PIPE

PVC 4"
MATERIAL DIAMETER (I.D.)

TYPE OF BACKFILL AROUND RISER

N/A

DIAMETER OF BOREHOLE

8.0 INCHES

DEPTH OF TOP OF SUBSURFACE SEAL

2'

TYPE OF SUBSURFACE SEAL/GROUT

Bentonite Pellets

DEPTH OF TOP OF BACKFILL AROUND
POINT/SCREEN

4'

DEPTH OF BOTTOM OF RISER

6'

TYPE OF POINT OR SCREEN (PIPE SIZE
TELESCOPING) AND MANUFACTURE

Schedule 40 PVC

SCREEN CAGE OR SIZE OF OPENINGS

0.010

MATERIAL OF MANUFACTURE AND
DIAMETER OF WELLPOINT/SCREEN

PVC 4 INCHES

TYPE OF BACKFILL

#2 Sand Pack

DEPTH OF BOTTOM OF SCREEN

21'

TYPE OF BACKFILL UNDER POINT/SCREEN

#2 Sand Pack

DEPTH OF BOTTOM OF BOREHOLE

22'

WELLPOINT.DWG
A0000112

(L1) LENGTH OF RISER 5.5' (L2) LENGTH OF SCREEN 15' REFERENCE POINT Top of Casing GROUND ELEV. 60.67'
 ACTUAL ELEVATIONS - WHERE AVAILABLE

GROUNDWATER MONITORING WELL REPORT

SITE: Third Party Investigation LOCATION: Enal / Pass and Seymour PROJECT NO.: CROW9102

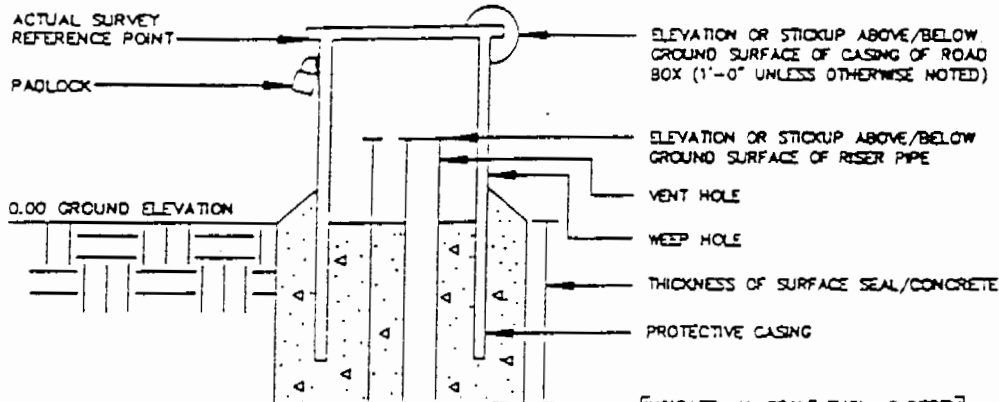
CONTRACTOR: Water Resources Inc. DRILLER: John Barnes

INSPECTOR: MNG/MSL INSTALLATION DATE: 1/27/92 WELL NO.: MW-35

NOTE: UNLESS OTHERWISE DESIGNATED ALL DEPTHS ARE BASED ON A 0.00 GROUND ELEVATION

DRILLING METHOD

Hollow Stem Auger



[INDICATE ALL SCALE SHOWING DEPTH THICKNESS AND TYPE]

MATERIAL OF MANUFACTURE AND INSIDE DIAMETER OF RISER PIPE

Flush mount

- 6"

TYPE OF BACKFILL AROUND RISER

1'
8" 1'
DIAMETER (I.D.) LENGTH

DIAMETER OF BOREHOLE

PVC 4"
MATERIAL DIAMETER (I.D.)

N/A

DEPTH OF TOP OF SUBSURFACE SEAL

8.0 INCHES

TYPE OF SUBSURFACE SEAL/GROUT

Bentonite Pellets

DEPTH OF TOP OF BACKFILL AROUND POINT/SCREEN

3'

DEPTH OF BOTTOM OF RISER

5'

TYPE OF POINT OR SCREEN (PIPE SIZE TELESCOPING) AND MANUFACTURE

Schedule 40 PVC

SCREEN CAGE OR SIZE OF OPENINGS

0.010

MATERIAL OF MANUFACTURE AND DIAMETER OF WELLPPOINT/SCREEN

PVC 4 INCHES

TYPE OF BACKFILL

#2 Sand Pack

DEPTH OF BOTTOM OF SCREEN

20'

TYPE OF BACKFILL UNDER POINT/SCREEN

#2 Sand Pack

DEPTH OF BOTTOM OF BOREHOLE

21'

WELLDEPTH.DWG
A00000112

(L1) LENGTH OF RISER 4.5' (L2) LENGTH OF SCREEN 15' REFERENCE POINT Top of Casing GROUND ELEV. 59.69'
ACTUAL ELEVATIONS - WHERE AVAILABLE

H2M GEOLOGIC LOG

JOB NO. CROW 9102

WELL DATA: HOLE DIAM.: 8" TD 21' SCREEN SETTING: 5'-20' SLOT .010
 CASING DIAM. 4" LENGTH 20' WELL STATUS Complete

Borehole Location: MW-35
 Contractor: Water Resources Inc.
 Driller: John Barnes
 Elevation: 59.69 Ref Point: Casing

Completion Depth: 20'
 Date Started: 1/27/92 Finished: 1/27/92
 Weather: Cold
 Logged by: MSC/MNG Checked by:

Type of Rig: Truck x Trailer Mounted Tripod Other
 Drilling Method: Rotary Auger Bit type: Carbide
 Sampler Hammer Weight: 140 (lbs).
 Average Hammer Fall (inches): 30

Depth to Groundwater: 7.5' Date: 1/27/92 Time: Aquifer: Upper Glacial

Sample Depth	No	Blows 6"	Env Res	Color	Recov (in)	Sample Description	Lithology
.5						Sampling began	
1						at 2'	
1.5							
2.0		4/5/4	0	Tan Brown	14"	Gravelly, coarse grained, well sorted sand	SP
2.5							
3.0							
3.5							
4.0		5/6/7	0	Brown	11"	Gravelly, coarse grained, well sorted sand	SP
4.5							
5.0							
5.5							
6.0		6/9/7	0.2	Tan Brown	12"	Fine grained, well sorted sand	SP
6.5							
7.0							
7.5							▼
8.0							
8.5							
9.0							
9.5							
10.0							

SIGNATURE: MW 11 D. [Signature]DATE: 4/12/92