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

SEPTEMBER 1992

PREPARED FOR: CROWELL & MORING WASHINGTON, D.C.

PREPARED BY:



H2M Associates Inc.

Totowa, N.J.



Source Area Investigation

Sea Cliff Industrial Area Glen Cove, New York

September 1992

TABLE OF CONTENTS

		Page
Exec	cutive 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 4.4.2 Surface Soil Sampling	4-5 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 4.5.2 Surface Soil Sampling	4-9 4-10
	4.5.3 Soil Borings and Monitoring Well Installation	4-10
	4.6 August Thomsen	4-14
	4.6.1 Soil Gas Survey 4.6.2 Surface Soil Sampling	4-14
	4.6.2 Surface Soil Sampling 4.6.3 Soil Borings and Monitoring Well Installation	4-16 4-16
	4.7 Man Products	4-17
	4.7.1 Soil Gas Survey 4.7.2 Surface Soil Sampling	4-17
		4-19
	4.7.3 Soil Borings and Monitoring Well Installation 4.8 Carney Street Well Field	4-20 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)

	5.2 Soil	l Sample Analytical Data	<u>Page</u> 5-2
		Pall Corporation	5 - 2
	5.2.2	Slater Electric	5-4
	5.2.3	August Thomsen	5-7
	5.2.4 5.2.5	Man Products	5-11
		-	5-13
		undwater Analytical Data Upgradient Groundwater Quality	5-15 5-17
	5.3.1 5.3.2	Downgradient Groundwater Quality	5-17 5-17
		Indwater Sampling at Photocircuits	5-18
		tionship Between Soil Samples and	3 10
		undwater Quality	5-23
6.0	Conclusio	ons	6-1
	6.1 Sour		6-1
		Pall Corporation	6-1
		Slater Electric	6-3
		August Thomsen Man Products	6-3 6-3
		Carney Street Well Field	6-3
		Photocircuits	6-4
		tive Contributors to Contamination at the	
	Carn	ey Street Well Field	6-4
3 mm = =	-a:	<u>List of Appendices</u>	
<u>Apper</u>			
	A	Laboratory Results	
	В	Field Sampling Record Sheets And Drilling Log	js –
		<u>List of Figures</u>	
<u>Figur</u>	re No.		<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>		Page
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:



Source Area	Approximate Distance To Supply Wells	Highest Groundwater Concentration of total volatiles-ppb (year data obtained)	Depth of Well	Primary <u>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.



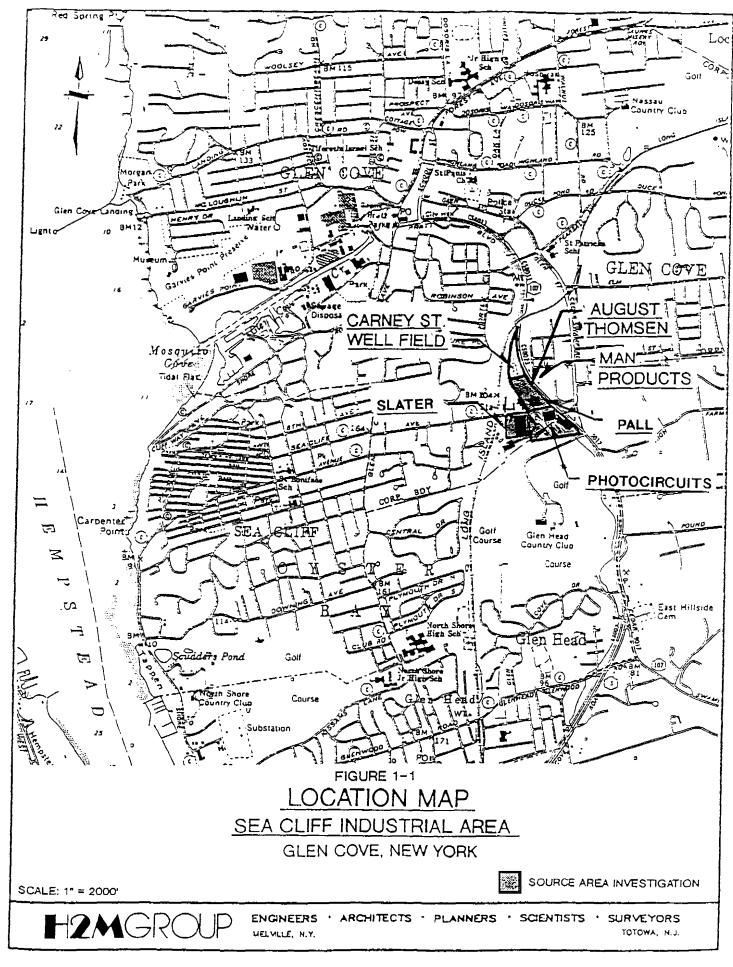
1.0 Introduction

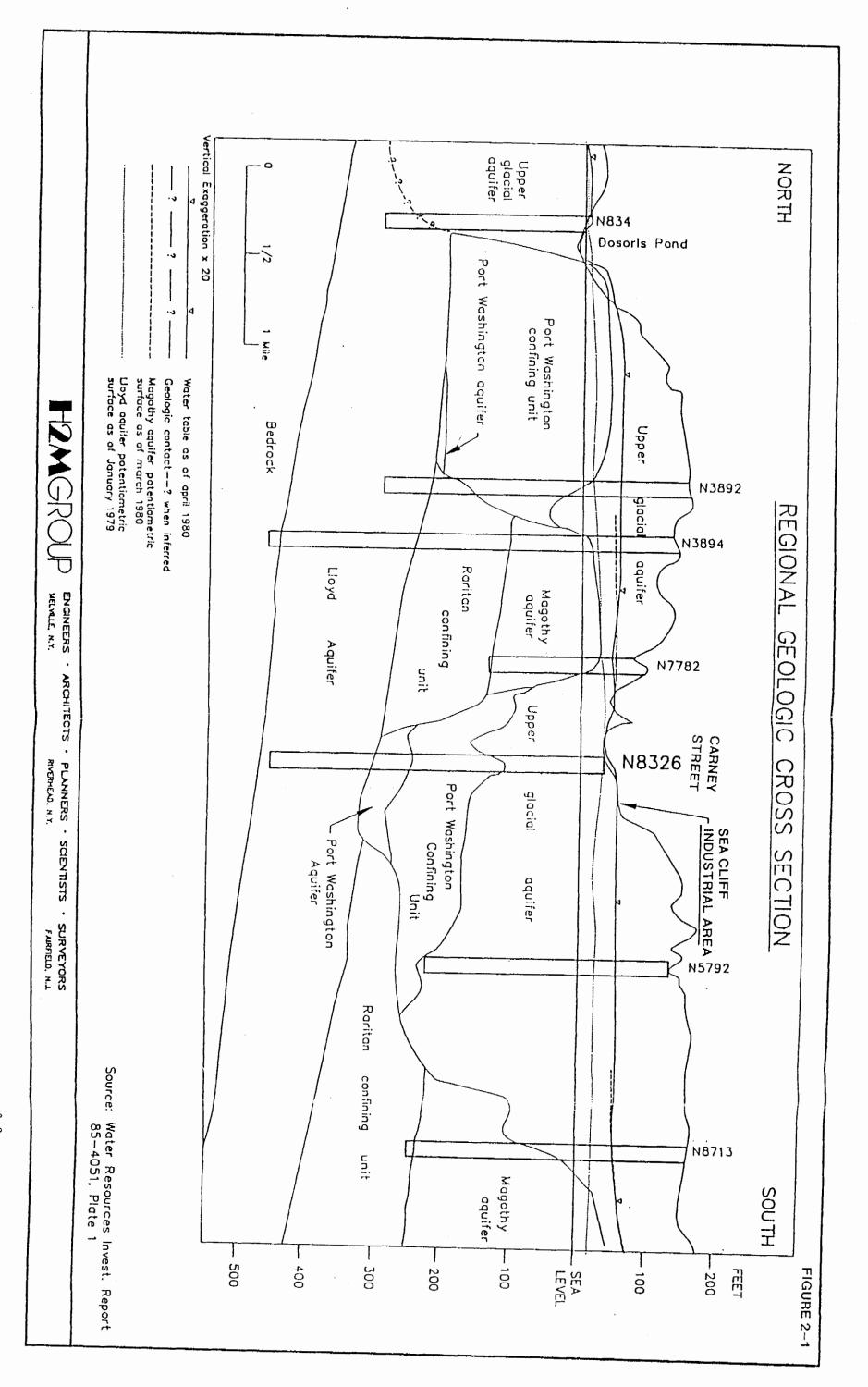
The law firm of Crowell & Moring engaged Holzmacher, McLendon & Murrell, P.C. (H2M) to conduct soil and groundwater investigations at five properties located within the Sea Cliff Industrial Area. These properties were identified as being possible contributors to the volatile organic contamination reported 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.







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 μ g/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)			
	Concentrations Minimum and Maximum		
Compound		(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)				
Concentrations Minimum and Maximum			T. 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
Compound		(ug/L)	engalan di Kabupatèn Bandaran di Kabupatèn Bandaran di Kabupatèn Bandaran Bandaran Bandaran Bandaran Bandaran Bandaran Bandaran Ba	
	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 Concentrations Minimum and Maximum Compounds (ug/l)		
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	Primary Solvents Used		
Location of Industry	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 - Trichloroethyene

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)
Carney Street:		
3466	173	148-173
8326	165	120-165
8327	165	115-165
Glen Head Country Club:		
7834	202	171-202
Photocircuits:	, , , , , , , , , , , , , , , , , , ,	
7427	161	120-161
8224	155	104-155
Slater Electric:		
8887	130	105-130
Pall Corp.:		
2316	170	?-170
August Thomsen:		
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 where 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.

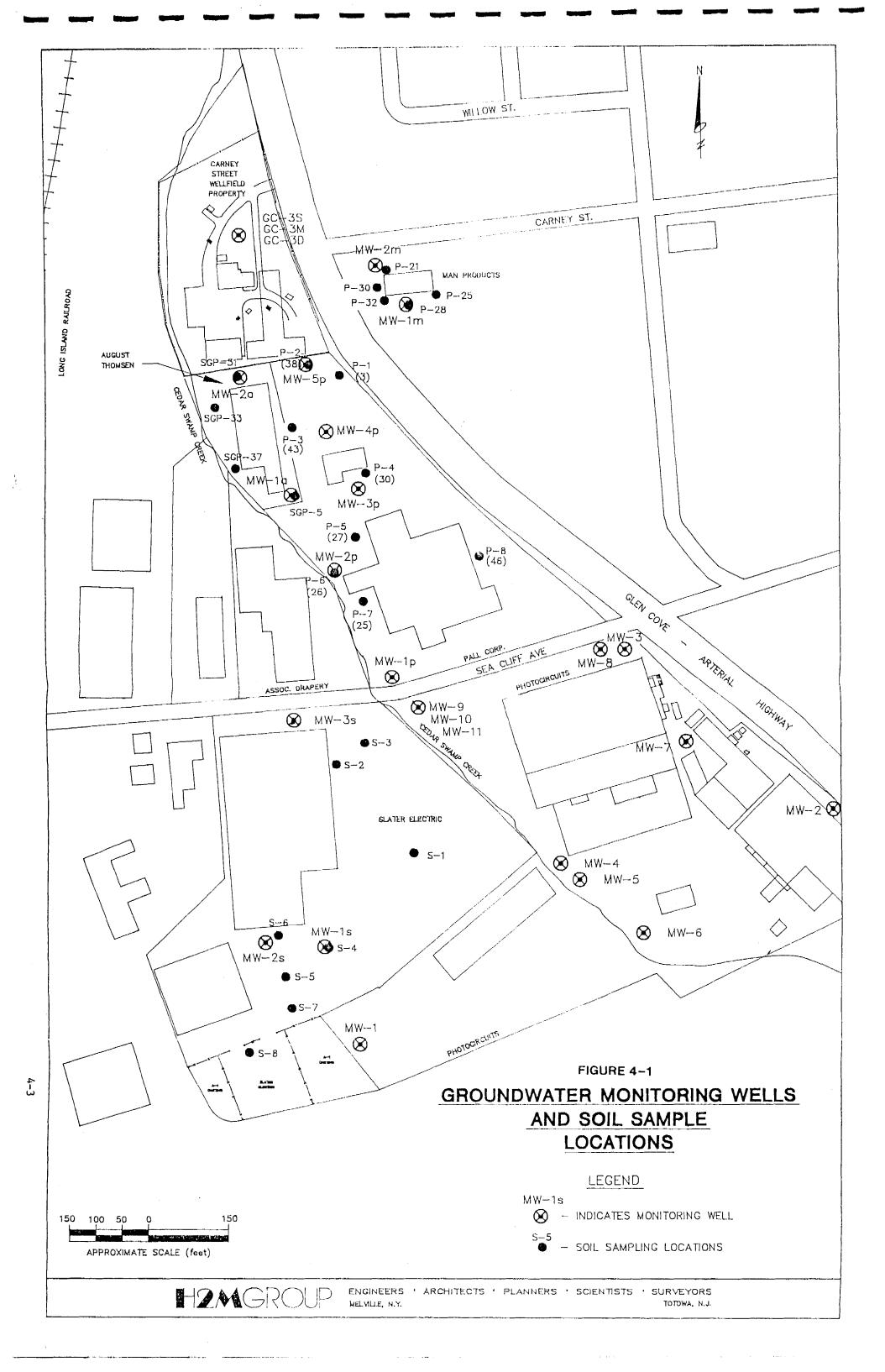
An electric vibratory hammer was utilized to access soil locations beneath the asphalt and concrete. Once the asphalt had been removed, a decontaminated bucket auger was used to collect the soil sample at an average depth of two to three feet below grade. A decontaminated trowel and pan were used to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





A hollow stem auger drilling rig was used to install these wells to the required depths in accordance with the New York of Environmental Conservation Department specifications for wells in unconsolidated formations. 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. 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

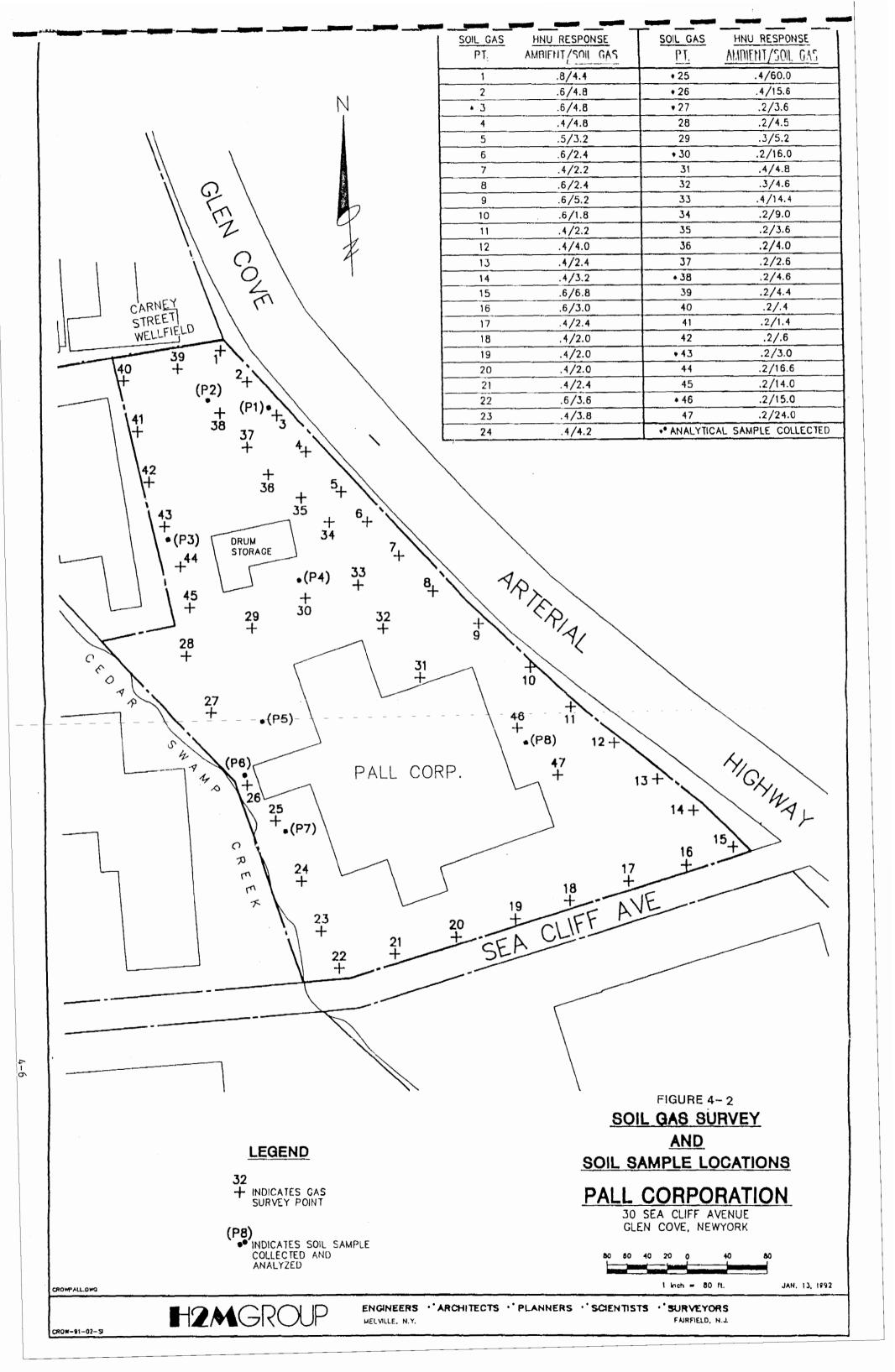
From November 22 through November 25, 1991, H2M implemented a soil gas survey at Pall Corporation located at 30 Sea Cliff Avenue in Glen Cove, New York. The property was divided into a grid to establish the sampling locations. The initial grid size was a 50 foot on center grid pattern, as shown in Figure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





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.

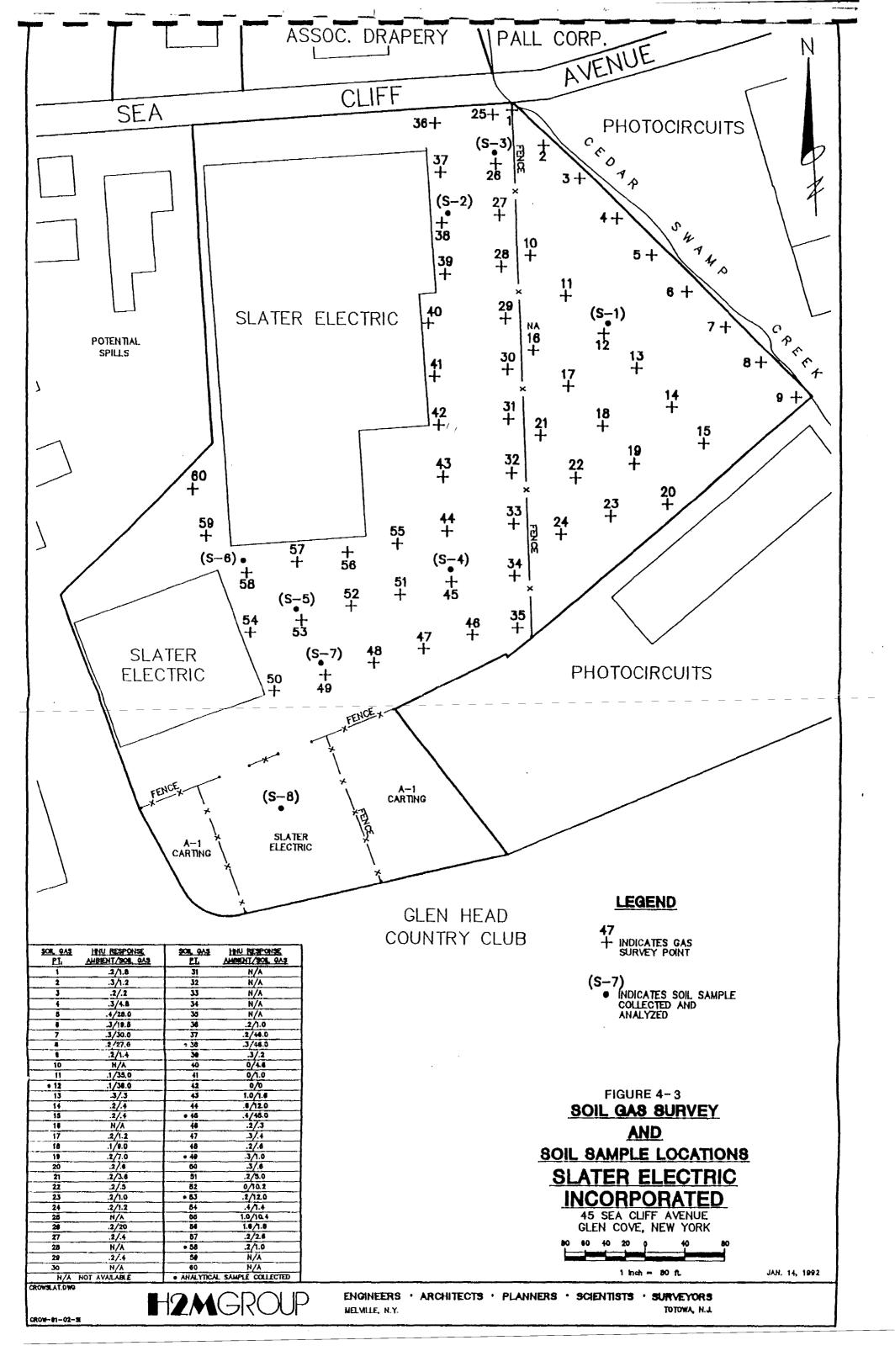
Once this grid pattern was transposed from the site map to the actual property, representatives from Vollmuth and Brush and Blasland, Bouck, and Lee (Enal/Pass & Seymours' Environmental Consulting firms providing oversight) checked the locations of the soil gas survey points to identify underground utilities. 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





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 $(S-4,\ S-5\ \text{and}\ S-6)$ 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.

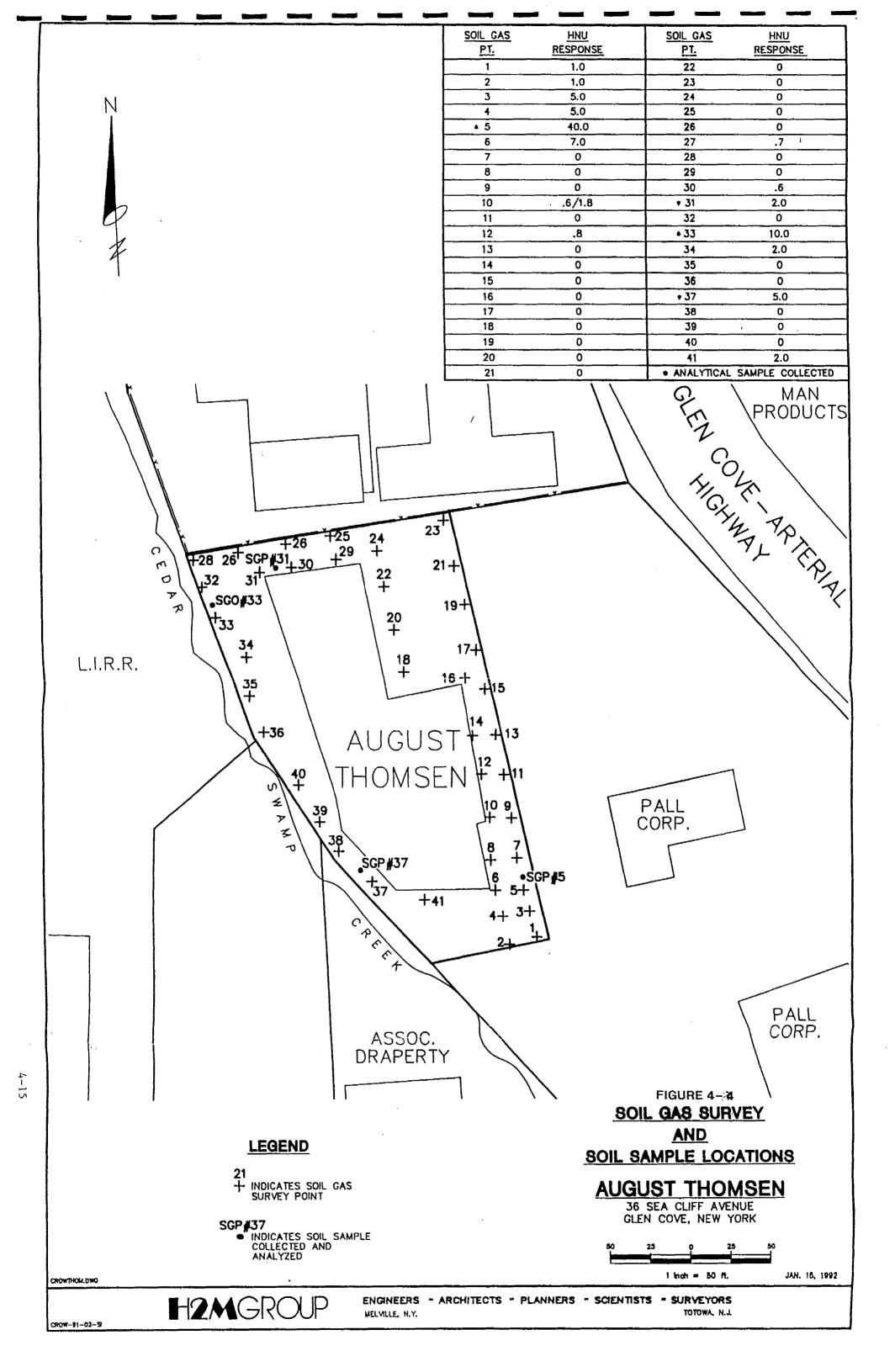
4.6 August Thomsen

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





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

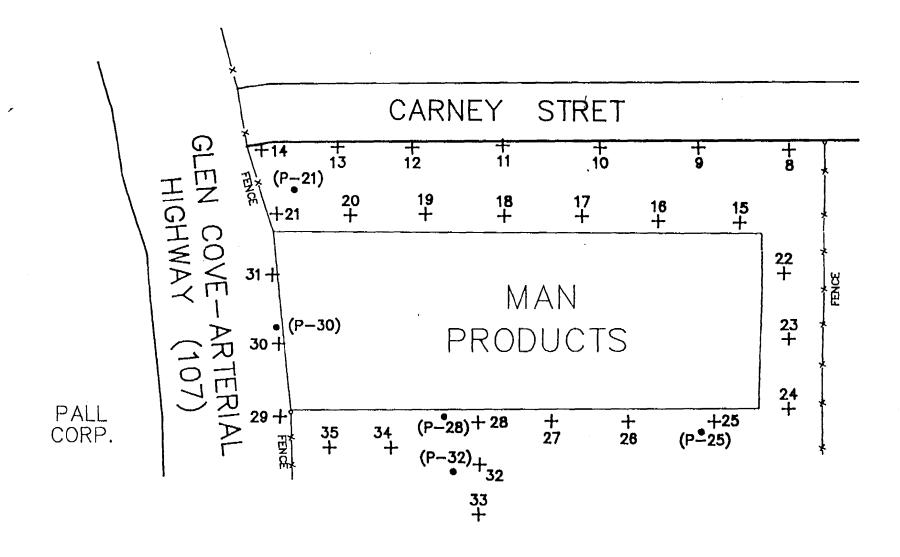
4.7.1 Soil Gas Survey

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.

N	
7	

_	التنسيب عبيه التنسنينية د			
	SOIL GAS	HNU RESPONSE	SOIL GAS	HNU_RESPONSE
	<u>PT.</u>	AMBIENT/SOIL GAS	<u>РТ.</u>	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
L	13	N/A	27	N/A
	14	0/1.0	+ 28	.4/150
	15	0.2/2.4	29	.8/7.0
	16	0/1.0	* 30	.6/20
	17	0/.5	31	.6/6.8
	18	0/.4	+ 32	.4/300.0
I	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	+ ANALYTIC	AL SAMPLE COLLECTED



LEGEND

+ INDICATES SOIL GAS SURVEY POINT

(P−21)

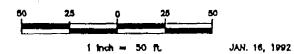
• INDICATES SOIL SAMPLE COLLECTED AND ANALYZED

FIGURE 4-5

80IL GAS SURVEY
AND
SOIL SAMPLE LOCATIONS

MAN PRODUCTS

100 CARNEY STREET GLEN COVE, NEW YORK



CROWNAN.DWG

H2MGROUP

ENGINEERS · ARCHITECTS · PLANNERS · SCIENTISTS · SURVEYORS MELVILLE, N.Y. TOTOWA, N.J.



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.

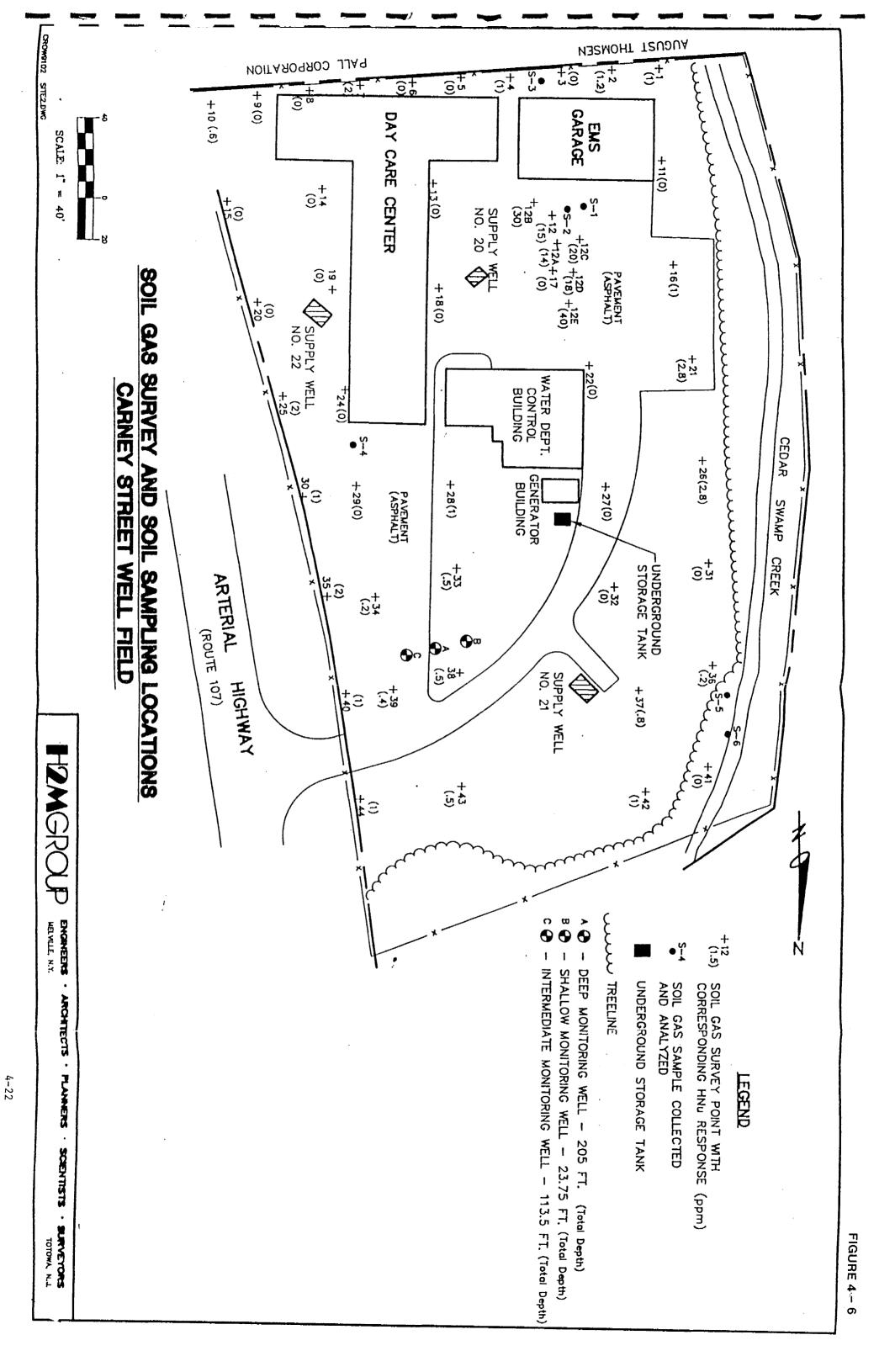




Table 4-1

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

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

August 30, 1991

Soil Gas		HNu	Soil Gas		HNu
Locations	Background	Response	Locations	Background	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. Tetrachloroethene, 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 Researc on August 21, 1991.

Table 4-2 provides a summary of the soil samples cc 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	Sample collected beneath asphalt at a depth of
	(soil gas pt. 12)	2 to 3 feet. HNu response range: 14 to 40 ppm.
		Petroleum odor. Sample was saturated.
S-2	Front of EMS garage bay door	Sample collected beneath asphalt at a depth of
	(soil gas pt. 12)	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	Sample collected beneath asphalt at a depth of
	(adjacent to August Thomsen	2.0 to 3.0 feet. No HNu response. Sample was dry.
	property) (soil gas pts. 3 & 4)	
S-4	Front of Day Care Center in	Sample collected beneath asphalt at a depth of
	parking lot (soil gas pt. 29)	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	Sample collected at a depth of 2.5 to 3.0 feet.
	Swamp Creek; low-lying area (1)	Strong organic ordor. Collected at low-lying area near creek. No HNu response. Sample was dry.
	(south of Petrex sample #15)	
S-6	(1) Petrex sample #15 location	Sample collected one foot above creek in the same
	within Cedar Swamp Creek	loction as Petrex sample #15. Collected at
	embankment .	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 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 μ g/kg at P-2), tetrachloroethene (1000 μ g/kg at P-6), toluene (110 μ g/kg at P-4), ethylbenzene (29 μ g/kg at P-4), trichloroethene (40 μ g/kg at P-6), cis/trans-1,2-dichloroethene (240 μ 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 $\mu q/kq$. location of soil sample P-4 is representative of an 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 Orgánics Quantified in Soil Samples

November 27, 1991

	P-1	P-2	P-3	P-4	P-5	P-6	P-7	P-8	Field	Trip
Parameter	(3)	(38)	(43)	(30)	(27)	(26)	(25)	(46)	Blank	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 μ g/l. Tetrachloroethene was reported at MW-5P at a concentration of 30 μ g/kg. Toluene was quantified at concentrations ranging from 18 to 210 μ g/kg at MW-3P to MW-5P. 1,1,-Dichloroethane was reported at 13 μ g/kg at MW-3P, and at an estimated concentration of 4 μ g/kg at MW-4P. MW-4P had a total concentration of 1600 μ 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 μ g/kg. MW-5P had a total targeted volatile organic concentration of 6,055 μ g/kg and 45,000 μ 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 guantified with respective location and maximum were concentrations indicated in parentheses: acetone (68 μ g/kg at S-1), tetrachloroethene (2300 μ g/kg at S-4) and methylene chloride (7 μ 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 The highest concentration of volatile organic compounds was quantified at location S-4, with a total volatile organic concentration of 2352 μ 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

	MW-2P	MW-3P	MW-4P	MW-5P	Field	Тгір
Parameter	(2'-4')	(2'-4')	(1'-3')	(4'-6')	Blank	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	4 J	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		ND	16001	450001	ND	ND
(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.



<u>Table 5-3</u>

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

Slater Electric Volatile Organics Quantified in Soil Samples

December 16, 1991

	Faith is					143.1			Field	Trip
Parameter	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	Blank	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			r	i						
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 μ g/kg. Trichloroethene and tetrachloroethene were quantified at the monitoring well borehole MW-3S (6'-8') at respective concentrations of 30 and 19 μ 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 μ g/kg at SGP #33) and methylene chloride (5 μ 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 $\mu g/kg$) 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 μ g/kg. Vinyl Chloride was present at an estimated concentration of 6 μ g/kg at MW-2A. Tetrachloroethene was reported at MW-2A at a concentration of 6 μ 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

	MW-1S	MW-2S	MW-3S	Field	Trip
Parameter	(6'-8')		(6,-8,)	Blank	Blank
Trichloroethene	ND	ND	30	ND	ND
Tetrachloroethene	ND	ND	19	ND	ND
Total Volatile Organics	ND	ND	49	ND	ND
Tentaively Identified Compounds				ł	
(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

			Field	Trip
Parameter	MW-1A	MW-2A	Blank	Blank
Acetone	34	25	ND	ND
Vinyl Chloride	ND	61	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 Identifed Compounds				
(Total Unknowns)	ND	845J	179J	40J

Notes:

All results reported in ug/kg

ND - Not detected above quantification limit.

J - Estimated value.



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

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 $\mu g/kg$, however, some laboratory contamination is evident as TIC concentrations of 179 and 40 $\mu g/kg$ 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 The following compounds were quantified with Table 5-7. respective location and maximum concentrations indicated parentheses: methylene chloride (4J μ g/kg at P-21), chloroform (2J μ g/kg at P-21), benzene (2J at P-21), acetone (11J μ g/kg at P-28), ethylbenzene (1300 μ g/kg at P-28) and xylene (29,000 μ g/kg The highest concentration of volatile organic at P-28). compounds was quantified at P-28 with a total of 30,311 $\mu q/kq$ The location of soil sample P-28 is the south face quantified. of the building (backside), adjacent to a door opening into the manufacturing operation.

Elevated concentrations (11,290/1,840,000 μ g/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

					nan lalun.	Field	Trip
Parameter	P-21	P-25	P-28	P-30	P-32	Blank	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 μ g/kg of 1,4-xylene, 12,000 μ g/kg of 1,3-xylene and 8,300 μ g/kg of ethylbenzene were quantified. A halogenated volatile organic, tetrachloroethene, was also detected at S-1 at a concentration of 240 μ g/kg.

At sample S-2, similar impact was reported with higher concentrations of contaminants. 1,4-xylene was reported at 43,000 μ g/kg, 1,3-xylene was reported at 31,000 μ g/kg and ethylbenzene was reported at 25,000 μ g/kg. The presence of these nonhalogenated organics indicates contamination due to petroleum products such as gasoline. The presence of tetrachloroethene at 240 μ 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

							Field	Trip
Parameter	S-1	S-2	S-3	S-4	S-5	S-6	Blank	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 μ g/kg, trichloroethene at 180 μ g/kg and tetrachloroethene at 810 μ 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 $\mu g/kg$, 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

	Well#	Well#	Well#	Well#	Well#	Field	Trip
Parameters	1P	2P/2PDL	3P/3PDL	4P	5P/5PDL	Blank	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	21	22/ND	6/ND	ND	7/ND	ND	ND
1,1-Dichlorethane	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	1Ј	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	2 J	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	4 J	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

- 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)

	Well#	Well#	Well#	Field	Trip
Parameters	IS	2.5	3S	Blank	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-Dichlorethane	ND	ND	ND	ND	ND
1,2-Dichloroethene	3Ј	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		Į.	†		
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

- 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



<u>Table 5-11</u>

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

	Well #	Well#	Field	Trip
Parameters	IA/IADL	2A/2ADL	Blank	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-Dichlorethane	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

- 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

	Well#	Well#	Field	Тпір	
Parameters	1M	2M	Blank	Blank	
Halogenated					
Vinyl Chloride	ND	ND	ND	ND	
Methylene Chloride	2BJ	2BJ	2BJ	2BJ	
1,1-Dichloroethene	ND	ND	ND	ND	
1,1-Dichlorethane	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	2.7	ND	ND	
Toluene	ND	ND	ND	ND	
Ethylbenzene	ND	86	ND	ND	
Styrene	ND	ND	ND	ND	
Xylene (Total)	ND	190	ND	ND	
m . 187 1 61	2	250	2		
Total Volatiles	2	258	2	2	
TIC (Totals)	ND	1,528	ND	ND	

- 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 μ g/l) and trichloroethene (29 μ g/l) were quantified at MW-3 with 1,1-dichloroethene (6 μ g/l), 1,1-dichloroethane (19 μ g/l), 1,2-dichloroethene (79 μ g/l) and 1,1,1-trichloroethane (12 μ g/l), trichloroethene (59 μ g/l) and tetrachloroethene (8 μ g/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 μ g/l at MW-5P), methylene chloride (28BJ μ g/l at MW-2PDL), acetone (75B μ g/l at MW-3P),



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

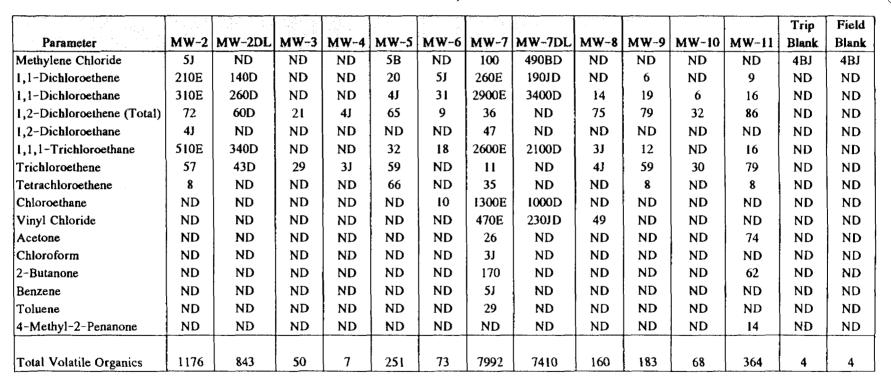
5.4 Groundwater Sampling at Photocircuits

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



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 μ g/l) followed by 1,1,1-trichloroethane (2,100 μ g/l) and chloroethane (1,000 μ 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 Ouality

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.



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 μ g/l), trichloroethene (500 μ g/l) and 1,2-dichloroethene (1,300 μ 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

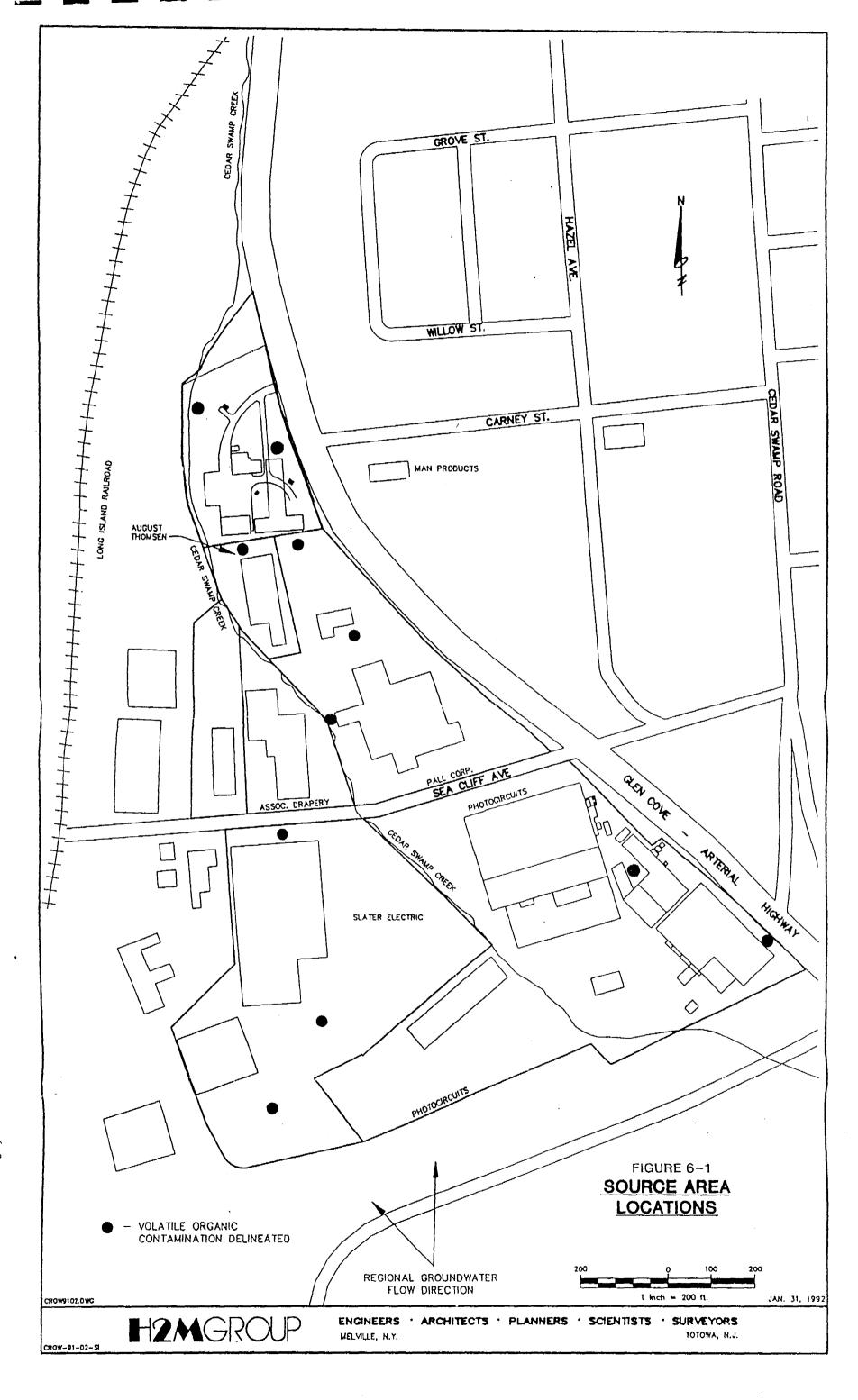
presence of elevated concentrations of volatile halogenated organic compounds in soil samples taken from numerous locations at the five properties, many from beneath asphalt, is direct evidence of the presence of multiple source areas of halogenated organic contamination present in the Sea Cliff Industrial 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 aguifer 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





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 Thompsen

Two primary areas of volatile organic contamination were quantified on-site at the August Thompsen property. These areas are in proximity to MW-1A and MW-2A. The primary compounds found were tetrachloroethene, tricholoroethene, 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 an 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 Thompsen. 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.



Source Area	Approximate Distance To Supply Wells	Highest Groundwater Concentration of total volatiles-ppb (year data obtained)	Depth of <u>Well</u>	Primary <u>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 Thompsei	n 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

575 Broad Hollow Road, Melville, N.Y. 1[747 (516) 694-3040 FAX: (5(6) 694-4[22

VOLATILE ORGANIOS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSOEC

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/cab) CAP

Dilution Factor: .98

CONCENTRATION UNITS:

CAS NO

COMPOUND

(ug/L or yg/kg) Ug/kg

CAS NO.	COMPOUND (ug/L of ug	/Kg) UG/KG	Q
74-67-3	Chloromethane	11.	į ĮU
74-83-9	Bromomethane	11.	
75-01-4	Vinyl Chloride	11.	
75-00-3	Chloroethane	! 11	
75-09-2 -	Methylene Chloride	6.	
67-64-1	Acetone	30.	i
75-15-0	Acetone Carbon Disulfide	6.	įυ
75-35-4	1,1-Dichloroethene	6.	įυ
75-34-3	1.1-Dichloroethane	6.	įυ
540-59-0	1,2-Dichloroethene (total)	6.	ļU
67-66-3 	Chloroform	6.	U
107-06-2	1.2-Dichloroethane	6.	įυ
78-93-3	2-Butanone	11.	ļυ
71-55-6	1,1,1-Trichloroethane	6.	ļυ
	Carbon Tetrachloride		
108-05-4	Vinyl Acetate	11.	
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.	¦υ
71-43-2	Benzene	6.	ļΨ
10061-02-6	trans-1,3-Dichloropropene	; 6.	¦υ
75-25-2 -	Bromoform	6.	¦U
	4-Methyl-2-Pentanone		¦U
591-78-6	2-Hexanone	11.	•
127-18-4	Tetrachloroethene	6.	¦U
	1,1,2,2-Tetrachloroethane		¦ U
108-98-3	Toluene	6.	¦∪
108-90-7	Chlorobenzene	6.	Ų
100-41-4	Ethylbenzene	6.	; U
100-42-5	Styrene	6.	U
1330-20-7	Xylene (total)	6.	U
		·	$\frac{1}{2}$
		S	002

H2MLABS. INC.

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

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

ΞPA	SAMPLE	ΝΟ.
ML	129	

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'ilow

Data 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. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24.	UNKNOWN	=======	EST. CONC.	Q ===== J
25. 26. 27. 28. 29. 30.				

S 0022

575 Broad Hollow Road, Memille, N.Y. 11741 (516) 694-3040 | FAX. (516) 694-4122

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Contract: NYSDEC Lab Name: H2M

Lab Code: H2M

Case No.: CRO SAS No.:

SDG No .: 008

Matrix: (soil/water) SOIL

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

Lab File ID: PB033

Level: (low/med) LOW

Data Raceived: 1/22/92

Lab Sample ID: 9202266

% Moisture: not dec. 23.

Date Analyzed: 1/23/92

Column: (pack/cap) CAP

Dilution Factor:

1.15

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L of ug/Kg) UG/KG

74-87-3	Chloromethane	15.	Ü
74-83-9	Bromomethane	15.	¦υ
75-01-4 - -	Vinyl Chloride	15.	; U
75-00-3	Chloroethane	15.	¦υ
75-09-2	Methylene Chloride	7.	¦ U
67-64-1 	Acetone	71.	1
75-15-0	Carbon Disulfide	7.	¦υ
75-35-4 - -	1,1-Dichloroethene	7.	¦∪
	1,1-Dichloroethane	13.	1
540-59-0	1,2-Dichloroethene (total)	7.	¦ U
67-66-3	Chloroform	7.	¦υ
107-06-2	1,2-Dichloroethane	7.	¦ U
78-93-3 	2-Butanone	15.	ļυ
71-55-6	1,1,1-Trichloroethane	7.	¦ U
	Carbon Tetrachloride	7.	¦ U
	Vinyl Acetate	15.	
	Bromodichloromethane	7.	
	1,2-Dichloropropane	7.	¦υ
	cis-1,3-Dichloropropene	7.	U
	Trichloroethene	7.	ţυ
	Dibromochloromethane	7.	ļυ
	1,1,2-Trichloroethane	7.	Įυ
71-43-2	Benzene	7.	U
0061-02-6- 	trans-1,3-Dichloropropene	7.	U
75-25-2	Bromoform	7.	ļυ
	4-Methyl-2-Pentanone	15.	
591-78-6	2-Hexanone	15.	-
	Tetrachloroethene	7.	¦ U
	1,1,2,2-Tetrachloroethane	7. 18.	ļυ
	Toluene	7.	¦υ
	Chlorobenzene	16.	10
		7.	¦υ
100-42-5	Styrene	170.	1

575 Broad Hollow Road, Meiville, NY 11747 (516) 694-3040 FAX: (515) 694-4122

VOLATILE ORGANICS ANALYSIS DATA SHEET .

EPA SAMPLE NO.

MW4P1-3

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M Case No.: CRO SAS No.: SDG No.: 008

Lab Sample ID: 9202265

Matrix: (soil/water) SOIL

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

Lab File ID: P8035

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:

COMPGUND CAS NO.

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

¦ U 74-87-3-----Chloromethane _____ 14. : U 14. 75-01-4-----Vinyl Chloride_____ 75-00-3-----Chloroethane_____ 7. 75-09-2-----Methylene Chloride_____ 29. 67-64-1-----Acetone _ 75-15-0-----Carbon Disulfide_____ 7. 7. U 75-35-4----1,1-Dichloroethene_____ 75-34-3----1,1-Dichloroethane__ 540-59-0----1,2-Dichloroethene (total)__ 40. 7. 67-66-3-----Chloroform____ 7. 107-06-2----1,2-Dichloroethane____ U 78-93-3----2-Butanone_____ 7. 71-55-6----1,1,1-Trichloroethane _____ 56-23-5-----Carbon Tetrachloride_____ 14. 108-05-4-----Vinyl Acetate ___ 7. U 75-27-4----Bromodichloromethane____ U 7. 78-87-5----1.2-Dichloropropane ____ 7. 10061-01-5----cis-1,3-Dichloropropene _____ 7. 79-01-6----Trichloroethene 7. 124-48-1----Dibromochloromethane_ 79-00-5----1,1,2-Trichloroethane ____ U 71-43-2----Benzene 7. U 10061-02-6----trans-1,3-Dichloropropene _ 7. U 75-25-2-----Bromoform _____ 14. U 108-10-1-----4-Methyl-2-Pentanone_____ !U 14. 591-78-6----2-Hexanone_____ 7. ¦ U 127-18-4----Tetrachloroethene 7. U 79-34-5----1,1,2,2-Tetrachloroethane ___ 24. 108-88-3----Toluene __ 7. U 108-90-7-----Chlorobenzene U 7. 100-41-4----Ethylbenzene____ 7. ¦υ 100-42-5----Styrene _ 10 1330-20-7-----Xylene (total)__ S' 0025

575 Broad Horlow Road, Merville, N.Y. 11747 (516) 694-3040 | FAX: (516) 694-4122

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

MW4P13

Lab Code: H2M Case No.: CRO

SAS No.:

SDG No.: 008

Matrix: (soil/water) SCIL

Lab Sample ID: 9202265

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

Lab File ID: PS035

Level: (low/med) LOW

Date Received: 1/22/92

Date Analyzed: 1/23/92

% Moisture: not dec. 27.

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.	. a
1.	UNKNOWN Pentane (ACN)(DOT)(8CI9CI) Ethane, 1,2-dichloro-1,1,2-t UNKNOWN UNKNOWN HYDROCARBON UNKNOWN HYDROCARBON UNKNOWN HYDROCARBON UNKNOWN UNKNOWN	1.57 1.89 2.37 3.19 3.52 6.51 10.30		, -
28				

H2MLABS. INC.

CAS NO. COMPOUND

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

IA VOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.

MW5P45

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

CONCENTRATION UNITS:

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

	Chloromethane	56.	ĺυ
	Bromomethane	56.	U
75-01-4- -	Vinyl Chloride	56.	; U
75-00-3- -	Chloroethane	56.	¦ U
	Methylene Chloride	28.	ļυ
67-64-1	Acetone	56.	¦U
75-15-0	Carbon Disulfide	28.	¦ U
75-35-4	1,1-Dichloroethene	28.	¦ U
	1,1-Dichloroethane	28.	¦U
	1,2-Dichloroethene (total);	75.	ļ
	Chloroform	28.	¦U
107-06-2	1,2-Dichloroethane	28.	¦ U
	2-Butanone	56.	¦υ
	1,1,1-Trichloroethane	28.	; U
	Carbon Tetrachloride	28.	; U
	Vinyl Acetate	56.	l U
	Bromodichloromethane	28.	{U
78-87-5	1,2-Dichloropropane	28.	¦U
0061-01-5	cis-1,3-Dichloropropene	28 <i>.</i>	¦U
79-01 - 6	Trichloroethene	28.	Ιυ .
124-48-1	Dibromochloromethane	28.	¦ U
79-00-5	1,1,2-Trichloroethane	28.	ļυ
71-43-2	Benzene	28.	U
0061-02-6	trans-1,3-Dichloropropene	28.	ļυ
75-25-2	Bromoform	28.	ļ U
	4-Methyl-2-Pentanone	56.	ļU
591-78-6	2-Hexanone	56.	U
	Tetrachloroethene	30.	- [
	1,1,2,2-Tetrachloroethane	28.	ļυ
108-88-3	Toluene	210.	
	Chlorobenzene	740.	i
	Ethylbenzene	600.	i
100-42-5	Styrene	28.	10 - 7
1330-20-7	Xylene (total)	4400.	: EJ

575 Broad Hollow Road, Methille, N.Y. (1747 (516) 694-3040 FAX: (516) 694-4122

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M Contract: NYSDEC MW5P46

EPA SAMPLE NO.

Lab Code: H2M

Case No.: CRO SAS No.:

SDG No.: 008

Matrix: (soil/water) SOIL

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

Lab File ID: P8034

Level: (low/med) LOW

Date Received: 1/22/92

Lab Sample ID: 9202264

% 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	Rĭ	EST. CONC.	Q
2.		6.51 6.92 7.62 10.06 11.16 11.70 14.96 15.44	2000. 9000. 1000. 2000. 3000. 7000. 2000. 3000. 8000.	J J J J J J J J J J J J J J J J J

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M Contract: NYSDEC

COMPOUND

CAS NO.

Lab Code: H2M Case No.: CRO SAS No.: SDG No.: CO8

Matrix: (soil/water) WATER Lab Sample ID: 9202267

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: P8048

Lavel: (low/med) LOW Date Received: 1/22/92

% Moisture: not dec. 100. Date Analyzed: 1/24/92

Column: (pack/cap) CAP Dilution Factor:

CONCENTRATION UNITS:

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

			·
74-87-3	Chloromethane	10.	 U
74-83-9	Bromomethane	10.	·
75-01-4	Vinyl Chloride	10.	
75-00-3	Chloroethane	10.	
75-09-2	Methylene Chloride	5.	10
	Acetone		10
75-15-0	Carbon Disulfide	5.	
75-35-4	1,1-Dichloroethene	5.	Ü
75-34-3	1,1-Dichloroethane	5.]
540-59-0	1,2-Dichloroethene (total)	5.	
47-64-3	Chloroform	5.	Ŭ
107-06-3	1.2-Dichloroethane	5.	
	2-Butanone		10 1
	1,1,1-Trichloroethane	10.	¦BJ ¦
	Carbon Tetrachloride		•
	Vinyl Acetate		
	Bromodichloromethane		ĮŲ Į
	1,2-Dichloropropane		U
10061-01-5	cis-1.3-Dichloropropene	5.	{ U
/9-01-6	Trichloroethene	5.	i i
	Dibromochloromethane	5.	ĮU }
	1,1,2-Trichloroethane		U
71-43-2	Benzene	5.	
	trans-1,3-Dichloropropene		•
	Bromoform		
	4-Methyl-2-Pentanone		U
	2-Hexanone		U
	Tetrachloroethene		U
	1,1,2,2-Tetrachloroethane		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
	Xylene (total)	5.	;∪ ;
1330-20-/	Ayrene (Cocar)!		!

575 Broad Hollow Road, Melville, NY, 11747 (\$16) 694-3040 FAX: (\$16) 694-4122

1Ξ VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELDELK

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

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

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	EST. CONC.	Q
1			!
2			
3		 	
4		 	
5	l de la companya de	 	
6		 	
7 ·		 	
9.			
10.			
11		 	·
12		 	
13		 	
14		 ·	
15		 	
16		 	
18			
19			
20		 	
21		 	
22		 	
23		 	
24		 	
25			
27			
28		 	
29		 	
30		 	

575 Broad Hollow Road, Meivrille, N.Y. 1; 747 (516) 694-3040 FAX. (516) 694-4122

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

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/yol: 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

CONCENTRATION UNITS:

CAS NO.	CGMPOUND (ug/L or us	g/Kg) UG/L		Q
74-87-3	Chloromethane	10.	i U	
74-83-9	Bromomethane	10.	įυ	į
75-01-4	Vinyl Chloride	10.	U	i
75-00-3	Chloroethane	10.	Ü	į
75-09-2	Methylene Chloride	5.	U	į
67-64-1	Acetone	10.	Ū	į
75-15-0	Acetone Carbon Disulfide	5.	Ü	į
75-35-4	1,1-Dichloroethene	5.	Ü	į
75-34-3	1,1-Dichloroethane	5.	Ü	į
540-59-0	1,2-Dichloroethene (total)	5,	Ü	į
67-66-3	Chloroform	_; _; 5.	Ü	- 1
107-06-2	1,2-Dichloroethane	5.	Ü	1
	2-Butanone		10	- [
71-55-6	1,1,1-Trichloroethane	_, _; 5.	Ü	- }
56-23-5	Carbon Tetrachloride	5.	ίŬ	1
108-05-4	Vinyl Acetate	10.	Ü	į
75-27-4	Bromodichloromethane		įΰ	
78-87-5	1,2-Dichloropropane	5.	įυ	į
0061-01-5	cis-1,3-Dichloropropene	_; 5.	įυ	į
79-01-6	Trichloroethene	5.	įυ	į
124-48-1	Dibromochloromethane	5.	įυ	į
	1,1,2-Trichloroethane		įυ	į
	Benzene		įυ	į
0061-02-6	trans-1.3-Dichloropropene	. 5.	įυ	į
75-25-2	Bromoform	Ţ. 5.	įυ	ì
108-10-1	4-Methyl-2-Pentanone	10.	U	1
591-78-6	2-Hexanone	10.	įυ	į
127-18-4	Tetrachloroethene	5.	Įυ	i
	1,1.2,2-Tetrachloroethane		Ų	į
108-88-3	Toluene		¦ U	1
108-90-7	Chlorobenzene	5.	ļυ	1
100-41-4	Ethylbenzene	5.	U	ĺ
100-42-5	Styrene	_; 5.	; U	,
1330-20-7- -	Xylene (total)	5.	5	00

575 Broad Hollow Rd (516) 694-3040 | FAT

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

F0F4 1 . 3A

Lab Name: H2M

Contract: NYSDEC

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

Matrix: (soil/water) WATER

Lab Sample ID: 920

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

Lab File ID: P8045

Level: (low/med) LCW

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

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

P1(3)
Lab Name: H2M Contract: NYSDEC

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

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

		i i	,	
	74-87-3~Chloromethane	14.	U	
	74-83-9Bromomethane	14.	U .	
	75-01-4Vinyl Chloride	14.	U :	
	75-00-3Chloroethane	14.	U	
	75-09-2Methylene Chloride		Ū	
	67-64-1Acetone		Ū	
	75-15-0Carbon Disulfide		Ů.	
1	75-35-41,1-Dichloroethene	•	Ū	
i	75-34-31,1-Dichloroethane		Ū	
í	540-59-01,2-Dichloroethene (total)		Ū :	
	67-66-3Chloroform		Ū	
ì	107-06-21,2-Dichloroethane	•	Ū	
i	78-93-32-Butanone		Ū	
	71-55-61,1,1-Trichloroethane		Ŭ	
i	56-23-5Carbon Tetrachloride		Ū	
į	108-05-4Vinyl Acetate	•	Ū	
1	75-27-4Bromodichloromethane		Ü	
,	78-87-51,2-Dichloropropane		Ū	
i	10061-01-5cis-1,3-Dichloropropene	· • •	Ū :	
;	79-01-6Trichloroethene		Ŭ :	
i	124-48-1Dibromochloromethane		Ū ;	
	79-00-51,1.2-Trichloroethane		บ	
į	71-43-2Benzene		υ į	
į	10061-02-6trans-1.3-Dichloropropene	7.	U	
i	75-25-2Bromoform	7.	U !	
į	108-10-14-Methyl-2-Pentanone	14.	U	
į	591-78-62-Hexanone	14.	U ;	
į	127-18-4Tetrachloroethene	7. :	U ;	
į	79-34-51.1.2.2-Tetrachloroethane	7.	U ;	
į	108-88-3Toluene	7. :	U ;	
i	108-90-7Chlorobenzene	7.	U ;	
į	100-41-4Ethylbenzene	7.	U	
1	100-42-5Styrene	7.	U	
i	1330-20-7Xylene (total)	7. ;	U !	
i			i	

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, N.Y. 11747 (516) 594-30年日本民族政府第45年6月20年122

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 ======
1.		; [f		
3.		1 1		
4.		† 1		
5.		1 6 1		
6.		:	·	
! 8.		1		
9.	•	! !		
11.				
12.				
13.		1		į
15.		1		
16.		1		
17.				
19.				
20.))		
22.				
1 23.				
24.				
26.				
27.				1
28.				
30.		1		
;				1

FORM I VOA-TIC

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 Case No.: CRO SAS No.: SDG No.: 00:

Matrix: (soil/water) SOIL Lab Sample ID: 9134063

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

!	1	!	1
74-87-3Chloromethane	33.	រូប	!
74-83-9Bromomethane	33.	Ü	i
75-01-4Vinyl Chloride	33.	ับ	į
75-00-3Chloroethane	33.	Ū	
75-09-2Methylene Chloride	17.	ָ [֖] ֖֖	į
67-64-1Acetone	74.		:
75-15-0Carbon Disulfide	17.	Ü	į
75-35-41.1-Dichloroethene	17.	U	;
75-34-31,1-Dichloroethane	17.	U	İ
540-59-01,2-Dichloroethene (total)	17.	, U	1
67-66-3Chloroform	17.	; ប	1
107-06-21,2-Dichloroethane	17.	; U	† 1
78-93-32-Butanone	; 33.	¦ ប	1
71-55-61,1,1-Trichloroethane	; 17.	U¦	1
56-23-5Carbon Tetrachloride	17.	¦ ប	- 1
108-05-4Vinyl Acetate	; 33.	¦ U	1
75-27-4Bromodichloromethane	¦ 17.	; ប	1
78-87-51,2-Dichloropropane	17.	; ប	;
10061-01-5cis-1,3-Dichloropropene	17.	U	-
79-01-6Trichloroethene	17.	υ	- !
124-48-1Dibromochloromethane	17.	U	į
79-00-51,1,2-Trichloroethane	17.	ָ [†] U	}
71-43-2Benzene	17.	្រុំ ប	į
10061-02-6trans-1.3-Dichloropropene	17.	U	į
75-25-2Bromoform	17.	U	į
108-10-14-Methy1-2-Pentanone	33.	Ü	i
591-78-62-Hexanone	; 33. ! 17.	ប : ប	i
127-18-4Tetrachloroethene 79-34-51,1,2,2-Tetrachloroethane	17.	ָּט : ט	1
108-88-3Toluene	17.	Ü	1
: 108-90-7Chlorobenzene	17.	ָ ^י ט	į
100-41-4Ethylbenzene	17.	ָ [†] บ	1
100-41-4Styrene	17.	ָ [†] บ	- !
1330-20-7Xylene (total)	17.	. U	-
! 1555 20 / Affence (total /			
	•	•	•

VOLATILE ORGANICS ANALYSIS DATA SHEET

575 Broad Hollow Road, Melville, N.Y. 11747 (516) 694-30मी १९६५% १९६६ १४८५ २२

TENTATIVELY IDENTIFIED COMPOUNDS

Contract: NYSDEC

P2(38)

Lab Name: H2M

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 Pile 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

FORM I YOA-TIC

CAS NO.

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 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

COMPOUND

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

CONCENTRATION UNITS:

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

1.0.	(4)	2 01 00/104/	00/10	Y	
1		1		1	t
74-87-3	Chloromethane	\$ 1	56.	្នំប	!
/4-83-9	Bromomethane	1	56.		1
75-01-4	vinyl Chloride	1	56.	, Ŭ	!
75-00-3	Chloroethane		56.		!
75-09-2	Methylene Chloride	į	28.	Ü	i
67-64-1	Acetone		48.	J	į
	Carbon Disulfide	į	28.		:
75-35-4	1,1-Dichloroethene	į	28.	Ü	į
	1.1-Dichloroethane	i	28.	Ū	į
	1,2-Dichloroethene (t	otal)	28.	Ü	:
67-66-3	Chloroform		28.	Ü	į
	1,2-Dichloroethane	i	28.	Ū	i
78-93-3	2-Butanone		56.	Ū	į,
71-55-6	1,1,1-Trichloroethane	<u> </u>	28.	ប	j
; 56-23-5	Carbon Tetrachloride	į	28.	Ü	1
108-05-4	Vinyl Acetate	}	56.	¦ U	1
75-27-4	Bromodichloromethane	! !	28.	¦ប)
78-87-5	1,2-Dichloropropane	;	28.	¦ U	;
110061-01-5	cis-1,3-Dichloroprope	ne ¦	28.	! ប	1
	Trichloroethene	;	28.	; U	1
124-48-1	Dibromochloromethane	}	28.	; ប	1
	1,1,2-Trichloroethane	·	28.	; ប	;
71-43-2		!	28.	U) I
10061-02-6	trans-1.3-Dichloropro	репе	28.	; U	;
75-25-2			28.	U	1
108-10-1	4-Methy1-2-Pentanone	}	56.	! ប	ì
591-78-6			56.	U	1
	Tetrachloroethene		28.	U	1
79-34-5	1,1,2,2-Tetrachloroet	hane	28.	¦ U	į
108-88-3		į	28.	¦ U	į
	Chlorobenzene	į	28.	; U	į
	Ethylbenzene	i	28.	U	1
100-42-5	Styrene Xylene (total)	1	28. 28.	្រំប ប	1
1 1330-20-/	Valeue (coral)	3 1	40.	1	i I
1		4		t	

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Melville, N.Y. 11747 (516) 694-304BAF, \$20, \$16869404122

P2(38)

RΕ

Lab Name: H2M

Contract: NYSDEC

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

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

Number TICs found: 19

1				!	!	1	!	f
i t	CAS	NUMBER		COMPOUND NAME	RT	EST. CONC.	Q	:
=	= = = = :	======	===		======	=======================================	=====	1
ı	Ι.	-	-	UNKNOWN	5.88	40.	¦ J	1
ı	2.	-	-	UNKNOWN HYDROCARBON	6.13	30.	J	i
!	3.	-	-	UNKNOWN HYDROCARBON	6.51	200.	J	į
!	4.	-	-	UNKNOWN CYCLIC CPD.	7.61	100.	J	i
).	5.	_	-	UNKNOWN HYDROCARBON	8.99	30.	! J	į
;	6.	-		UNKNOWN CYCLIC CPD.	9.97	80.	J	
1	7.		-	UNKNOWN CYCLIC CPD.	10.21	40.	J	i
1	8.	-	-	UNKNOWN	10.75	30.	J	
ŀ	9.	· -	-	UNKNOWN HYDROCARBON	10.96	30U.	J	
i	10.	-	-	UNKNOWN HYDROCARBON	11.20	1000.	J	t s
;	11.	-	-	UNKNOWN	11.69	500.	J	i L
1	12.	-	-	UNKNOWN	11.86	300.	J ·	1
	13.	-	-	UNKNOWN HYDROCARBON	12.06	100.	J	ı
!	14.	-	-	UNKNOWN	12.84	1000.	J	į.
1	15.	-	-	UNKNOWN	13.44	1000.	J	•
1	16.	. –	-	UNKNOWN HYDROCARBON	13.75	300.	J	1
;	17.		_	UNKNOWN HYDROCARBON	14.21	2000.	J	!
-	18.		-	UNKNOWN HYDROCARBON	15.03	2000.	J	1
•	19.	4291-7	9-6	Cyclohexane, 1-methy1-2-prop	15.79	2000.	J	1
	20.		1	!	;	!	;	
	21.			· · · · · · · · · · · · · · · · · · ·	;	1	:	
	22.		1	¦	;	1	;	
•	23.			¦	1	¦		
	24.			<u> </u>	:	;	,	
	25.		;		;	}	:	
	26.		1				1	
•	27.		1	!	;			
•	28.		. :	!	;	}	!	
	29.		1	ļ			1	•
1 3	30.			,				

FORM I VOA-TIC

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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

23(43) Lab Name: H2M Contract: NYSDEC 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) GLab 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 CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG 74~87-3----Chloromethane 12. : U 74-83-9-----Bromomethane 12. 75-01-4-----Vinyl Chloride 12. 75-00-3-----Chloroethane 12. Ŭ 75-09-2----Methylene Chloride U 6. 67-64-1-----Acetone 22. 75-15-0-----Carbon Disulfide 6. ็บั 75-35-4----1,1-Dichloroethene 6. U 75-34-3----1,1-Dichloroethane ប់ 540-59-0-----1.2-Dichloroethene (total) !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. ! ប 56-23-5----Carbon Tetrachloride 6. U ; 108-05-4-----Vinyl Acetate 12. ! U 75-27-4----Bromodichloromethane ! U 6. 78-87-5----1,2-Dichloropropane ; U 6. 10061-01-5----cis-1,3-Dichloropropene 6. ! U 79-01-6----Trichloroethene : U 6. 124-48-1-----Dibromochloromethane ! U 6. 79-00-5-----1,1,2-Trichloroethane ¦ U 6. 71-43-2----Benzene ! ប 6. 10061-02-6----trans-1,3-Dichloropropene U 75-25-2----Bromoform U 6. 108-10-1----4-Methy1-2-Pentanone 12. U 591-78-6----2-Hexanone 12. ! U 127-18-4----Tetrachloroethene ¦ U 6. ! U 79-34-5----1,1,2,2-Tetrachloroethane 6. 108-88-3----Toluene 6. ! U 108-90-7----Chlorobenzene ! ប 6. 100-41-4-----Ethylbenzene 6. ! U ! U 6. 100-42-5----Styrene

¦ U

6.

1330-20-7-----Xylene (total)

VOLATILE ORGANICS ANALYSIS DATA SHEET

575 Broad Hollow Road, Melville, N.Y. 11747 (516) 694-3ሮብያለት እኢላሂያነሪያ 69404122

TENTATIVELY IDENTIFIED COMPOUNDS

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

Devet: (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:

CONCENTRATION UNITS:

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

CAS NUMBER COMPOUND NAME RT EST. CONC.	Q ;
	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
3. 4.	; ; ; ;
5.	; ; ;
6. 7.	
8.	
10.	
12.	! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !
14.	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
16. 17.	
18.	
20.	
22.	
24.	
! 26. 27.	
, 28. ;	;
30.	

PORM I VOA-TIC

CAS NO.

575 Broad Hollow Road Melville, N.Y :11747 (516) 694-3040 FAX::5(5) 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: 9134070

Sample wt/vol: 1.000 (g/mL) G Lab File ID: P7516

COMPOUND

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

Z Moisture: not dec. 9. Date Analyzed: 12/4/91

Column: (pack/cap) CAP Dilution Factor: 5.00

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

! !	† 1	! !
74-87-3Chloromethane	55.	10 ;
74-33-9Bromomethane	55.	{U }
75-01-4Vinyl Chloride	55.	U
75-00-3Chloroethane	55.	: U
75-09-2Methylene Chloride		(U)
67-64-1Acetone	35.	J
75-15-0Carbon Disulfide	27.	ับ
75-35-41,1-Dichloroethene	27.	ี บ :
75-34-31,1-Dichloroethane	•	ี้ บ
540-59-01,2-Dichloroethene (total)		ָ֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖
67-66-3Chloroform		U
107-06-21,2-Dichloroethane	•	ָּ֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖
78-93-32-Butanone	•	Ü
71-55-61,1,1-Trichloroethane		Ü
56-23-5Carbon Tetrachloride	•	U
108-05-4Vinyl Acetate		Ü
75-27-4Bromodichloromethane	•	Ü
78-87-51,2-Dichloropropane		Ū
10061-01-5cis-1.3-Dichloropropene		្រី ប
79-01-6Trichloroethene		U
124-48-1Dibromochloromethane		Ū
79-00-51.1.2-Trichloroethane	•	บั
71-43-2Benzene	•	Ü
10061-02-6trans-1.3-Dichloropropene	,	ָּט :
75-25-2Bromoform		Ü
108-10-14-Methyl-2-Pentanone	•	ָּט :
: 591-78-62-Hexanone		U
127-18-4Tetrachloroethene	57.	
79-34-51.1.2.2-Tetrachloroethane	27.	!ប !
108-88-3Toluene	110.	1 1
108-90-7Chlorobenzene		ָּט
100-41-4Ethylbenzene	29.	1 1
100-41-4		ָּט ;
100-42-3		. U .
, 1550-40-/	1 41.	! !

VOLATILE ORGANICS ANALYSIS DATA SHEET

575 Broad Hollow Road, Meiville, N Y. 11747 (516) 694-3ው፡BAF系統代ያዤታሪማነው።22

24(30)

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

TENTATIVELY IDENTIFIED COMPOUNDS

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 @ [4]92

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

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26.	NUMBER	COMPOUND NAME COMPOUND NAME COMPOUND NAME UNKNOWN HYDROCARBON UNKNOWN UNKNOWN UNKNOWN HYDROCARBON RT ======= 3.17 3.49 5.37 6.48 7.60 8.99 9.23 10.05 10.98 11.20 11.88 12.09 -12.88 13.21 13.94 14.21 15.06 15.32 15.65 16.14	EST. CONC. ====================================]]]]]]]]]	1/4/9.2	
24. 25.						

FORM I VOA-TIC

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 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

7/ 07 7		
74-87-3Chloromethane	14.	U
74-83-9Bromomethane	14.	Ų !
75-01-4Vinyl Chloride	14.	Ü
75-00-3Chloroethane	14.	U
75-09-2Methylene Chloride	7.	U
67-64-1Acetone	14.	U
75-15-0Carbon Disulfide	7.	U
75-35-41,1-Dichloroethene	7.	U ;
75-34-31,1-Dichloroethane	7.	ן ט ;
540-59-01,2-Dichloroethene (total)	7.	¦ U ;
67-66-3Chloroform	7.	\U .
107-06-21,2-Dichloroethane	7.	\U .
78-93-32-Butanone	14.	\U ;
71-55-61,1,1-Trichloroethane	7.	; ប ;
56-23-5Carbon Tetrachloride	7.	¦ U
108-05-4Vinyl Acetate	14.	ן טן
75-27-4Bromodichloromethane	7.	\U :
78-87-51,2-Dichloropropane	7.	U
10061-01-5cis-1,3-Dichloropropene	7.	U
79-01-6Trichloroethene	17.	1
124-48-1Dibromochloromethane	7.	ן ט
79-00-51,1,2-Trichloroethane	7.	\U :
71-43-2Benzene	7.	ן טן
10061-02-6trans-1,3-Dichloropropene	7.	¦ប ;
75-25-2Bromoform	7.	t t
108-10-14-Methyl-2-Pentanone	14.	; U ;
591-78-62-Hexanone	14.	; U ;
127-18-4Tetrachloroethene	110.	;
79-34-51,1,2,2-Tetrachloroethane	7.	; U ;
108-88-3Toluene	7.	{U }
108-90-7Chlorobenzene	.7.	¦ប
100-41-4Ethylbenzene	7.	; U ;
100-42-5Styrene	7.	¦υ ;
1330-20-7Xylene (total)	7.	U ;
	 	1 1

575 Broad Hollow Road, Melville, N.Y. 11747 (516) 694-3印刷AF系統以图指69404122

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

P5(27)

Lab Name: H2M

Contract: NYSDEC

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

CONCENTRATION UNITS:

Number TICs found:

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

1	CAS NUMBI		COMPO	UND NAME		RT	EST. !======	CONC.	Q :] ! ! !
t t	1.					1	,			t t
1	2.	1				1	1 1	,		i E
1	3.	1				1	1 3	ļ		i
1	4.	!				:		<u>;</u>		
. !	5.	1				, , ,	! ! !	1	1	i
1	6.	į					; ;	. ;		1
į	7.	į				1	i I	1		j ì
i	8. 9.	į				i !	i	1		1
ŧ	10.	j T				! !	l P	; (j
t	11.	i. T				!		; !		į
-		*				; !		:		
:	13.				I	!		į	i	
	14.	į				!		i 1		j
i	15.	i			!	3 }) 	1	1	ı
1	16.	1				j 5		1		i
	17.	. 1				i i				İ
:	18.	1				1	i 	!		,
1	19.							į	i	
	20.	į				i 1				,
	21.	į				r 1)	1	1	;
	22. 23.	1 3				1	 	!		:
•	24.	1						1		
	25.	}				i i		į	į	
į	26.					, , (ļ		ļ
:	27.	į) 	l i	1	1	,
	28.	į				5 4		1) [
i	29.	}			,	1	1	1	(!	:
!	30.	1				! !		1		,
)				•		:		

FORM I VOA-TIC

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

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 Pile 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 Pactor: 5.00

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

	[- -	
74-87-3Chloromethane	53.	\ U \ \ \
74-83-9Bromomethane	53.	U ;
75-01-4Vinyl Chloride	¦ 53.	; U ;
75-00-3Chloroethane	53.	; U ;
75-09-2Methylene Chloride	27.	;U ;
67-64-1Acetone	40.	1. J
75-15-0Carbon Disulfide	27.	U
75-35-41,1-Dichloroethene	27.	\U
75-34-31,1-Dichloroethane	27.	{ U }
540-59-01,2-Dichloroethene (total)	240.	1 ;
67-66-3Chloroform	27.	{U ;
107-06-21,2-Dichloroethane	27.	lu ;
78-93-32-Butanone	53.	; U ;
71-55-61,1,1-Trichloroethane	27.	\U \ \
56-23-5Carbon Tetrachloride	27.	; U ;
108-05-4Vinyl Acetate	53.	} U
75-27-4Bromodichloromethane	27.	;ប ;
78-87-51,2-Dichloropropane	27.	\U :
10061-01-5cis-1,3-Dichloropropene	27.	U
79-01-6Trichloroethene	40.	
124-48-1Dibromochloromethane	27.	U
79-00-51,1,2-Trichloroethane	27.	U
71-43-2Benzene ;	27.	{U
110061-02-6trans-1,3-Dichloropropene	27.	¦ U
75-25-2Bromoform	27.	U
108-10-14-Methyl-2-Pentanone	53.	; U;
591-78-62-Hexanone	53.	{U
127-18-4Tetrachloroethene	1000.	;
79-34-51.1,2,2-Tetrachloroethane	27.	lU ;
; 108-88-3Toluene	27.	\U \
108-90-7Chlorobenzene	27.	; U ;
100-41-4Ethylbenzene		, •
100-42-5Styrene	27.	U ;
1330-20-7Xylene (total)	27.	U !
		1 :

575 Broad Hollow Road, Melville, N.Y. 11747 (516) 694-3대원AF 유었션 7년5 69학교 122

P6(25)

Lab Name: H2M

Contract: NYSDEC

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

TENTATIVELY IDENTIFIED COMPOUNDS

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

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

Number TICs found:

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1 2	UNKNOWN HYDROCARBON UNKNOWN UNKNOWN UNKNOWN HYDROCARBON	======================================	50. 50. 60. 90.	==== J J J

FORM I YOA-TIC

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

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/mĹ) 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

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

	· · · · · · · · · · · · · · · · · · ·	,, ,	,
	1	1	!
	74-87-3Chloromethane	18.	; U
	; 74-83-9Bromomethane	18.	
	75-01-4Vinyl Chloride	18.	
	75-00-3Chloroethane	18.	
	75-09-2Methylene Chloride	9.	
	67-64-1Acetone	18.	U
	75-15-0Carbon Disulfide	9.	ប
	75-35-41,1-Dichloroethene	9.	Ū
	75-34-31,1-Dichloroethane	9.	Ū
	540-59-01,2-Dichloroethene (total)	9.	Ū
	67-66-3Chloroform	9.	Ü
	107-06-21.2-Dichloroethane	9.	U
	78-93-32-Butanone	13.	U
	71-55-61,1,1-Trichloroethane	9.	¦ U ;
	56-23-5Carbon Tetrachloride	9.	U
	108-05-4Vinyl Acetate	! 18.	{U }
	75-27-4Bromodichloromethane	9.	{U }
	78-87-51,2-Dichloropropane	9.	U
	10061-01-5cis-1,3-Dichloropropene	9.	U
	79-01-6Trichloroethene	9.	U;
	124-48-1Dibromochloromethane	9.	\U :
	79-00-51,1,2-Trichloroethane	; 9.	វប :
į	71-43-2Benzene	; 9.	{U ;
1	10061-02-6trans-1,3-Dichloropropene	; 9.	{U }
1	75-25-2Bromoform	! 9.	{U }
i	108-10-14-Methy1-2-Pentanone	18.	{ U }
į	591-78-62-Hexanone	18.	U
i	127-18-4Tetrachloroethene	9.	U
į	79-34-51,1,2,2-Tetrachloroethane	9.	U
	108-88-3Toluene	9.	U
1	108-90-7Chlorobenzene	9.	U
	100-41-4Ethylbenzene	9.	ĮU !
i	100-42-5Styrene	9.	U
i	1330-20-7Xylene (total)	9.	ָּט ;
;		i	; ;

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, Marrille, NY, 11747 (516) 694-3年的基本系統代表表的基本的

P7(25)

Lab Name: H2M

Contract: NYSDEC

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

1	CAS	NUMBER		COMPOUND NAME	RT	EST. CONC.	
i		=======	===	2===2==================================	=======	==========	=====
į	1.	_	_	UNKNOWN CYCLIC CPD.	7.61	30.	J
1	2.	-	-	UNKNOWN HYDROCARBON	7.95	20.	J
1	3.	-	-	UNKNOWN HYDROCARBON	8.17	30.	J ¦
1	4.	-	-	UNKNOWN CYCLIC CPD.	8.42	40.	J
1	5.	-	_	UNKNOWN	8.89	90	J ¦
t I	6.	-	-	UNKNOWN	9.97	100.	J
;	7.	-	-	UNKNOWN HYDROCARBON	10.56	50.	J
;	8.	-	-	UNKNOWN HYDROCARBON	10.79	20.	J
1	9.	_	-	UNKNOWN HYDROCARBON	10.98	100.	J
í	10.	-	-	UNKNOWN HYDROCARBON	11.25	400.	J
1	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
:	15.						
;	16.						
:	17.			·			
į	18.						
į	19						i
į	20.						į
-	21. 22.						1
- 1	23.					 	
1	24.			j.	;	; ;	
1	25.			·). 	! 	
;	26.						:
;	27.						
	28.						
,	29.						;
	30.					,	
•	50.						

FORM I VOA-TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG 74-87-3------Chloromethane 25. ; 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. 75-15-0-----Carbon Disulfide 13. 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. t U 78-93-3----2-Butanone 26. ¦ U 71-55-6----1,1,1-Trichloroethane 13. ¦U 56-23-5-----Carbon Tetrachloride 13. ľ 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. ! 11 79-00-5-----1,1.2-Trichloroethane 13. ¦ U 71-43-2----Веплепе 13. ¦ U 10061-02-6----trans-1,3-Dichloropropene 13. ¦ U 75-25-2----Bromoform 13. ¦ U 108-10-1----4-Methy1-2-Pentanone 26. U 591-78-6---2-Hexanone 26. 11 127-18-4----Tetrachloroethene 13. ! ប 79-34-5----1,1,2,2-Tetrachloroethane 13. ¦ U 108-88-3----Toluene 13. ! ប 108-90-7-----Chlorobenzene 13. ¦ U 100-41-4-----Ethylbenzene 13. ! U

100-42-5-----Styrene

1330-20-7-----Xylene (total)

13.

13.

U

! U

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

575 Broad Hollow Road, McIville, N.Y. 11747 (516) 694-3ውብ AF አልሲያ 165 69104122

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

1	CAS NUMBER	COMPOUND NAME	 RT 	EST. CONC.	Q .	i I
į	1.	1 1	1 			
. !	2.	1 1	1 1	! !		!
,	3. 4.	r 1 t) 			
1	5.				1	
	6.			٠.	1	
1	7.			•	,	
	8.				! !	
i	9. 10.			i	!	
!	11.				!	
i	12.			1	· i	
1	13.				!	
i	14. 15.				i 1	
	16.				1	
į	17.				į	
- 1	18.			}	!	
i	19.			1	i	
:	21.				:	
i	22.				į	
į	23.	·		}	į	
i	24.			i 1	. i	
1	25. 26.	·			1	
1	27.			!	į	
1	28.		1	1	;	
- ;	29. 30.				į,	
1	3V.				į	

FORM I VOA-TIC

1/87 Rev.

C 000:

100-42-5----Styrene

1330-20-7-----Xylene (total)

575 Broad Horlow Read, Melvrile, N.Y. 11747 (\$15) 694-3040 FAX: (\$16) 694-4122 EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHRET

FIELDBLK 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 CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 74-87-3-----Chloromethane ! U 10. 74-83-9-----Bromomethane 10. : U 75-01-4-----Vinyl Chloride 10. ¦ U 75-00-3-----Chloroethane 10. ! ប 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. ¦υ 75-34-3-----1.1-Dichloroethane 5. ! U 540-59-0----1.2-Dichloroethene (total) 5. ! U 67-66-3-----Chloroform 5. ូ ប 107-06-2----1,2-Dichloroethane 5. ¦U 78-93-3----2-Butanone 10. ¦ U 71-55-6----1,1,1-Trichloroethane 5. !U 5. 56-23-5-----Carbon Tetrachloride ¦ U 108-05-4----Vinyl Acetate ¦U 10. 75-27-4----Bromodichloromethane 5. ¦ U 5. 78-87-5----1.2-Dichloropropane ! U 10061-01-5----cis-1,3-Dichloropropene 5. ! U 79-01-6----Trichloroethene 5. ! U 5. 124-48-1-----Dibromochloromethane ; ប 79-00-5-----1,1,2-Trichloroethane 5. U 71-43-2----Benzene 5. ¦U 5. 10061-02-6----trans-1.3-Dichloropropene ¦υ 5. 75-25-2----Bromoform ! U 108-10-1-----4-Methyl-2-Pentanone 10. ! U 591-78-6----2-Hexanone 10. Ų 127-18-4----Tetrachloroethene 5. ! ប 5. 79-34-5-----1,1,2,2-Tetrachloroethane l U 5. 108-88-3----Toluene ! ប 5. 108-90-7-----Chlorobenzene ! U 5. 100-41-4-----Ethylbenzene ¦ U

FORM I VOA

1/87 Rev.

5.

5.

; U

¦ U

PALABS, INC. VOLATILE ORGANICS ANALYSIS DATA SHEET

575 Broad Hollow Road, Melville, N.Y. 11747 (516) 694-30年月AF系列刊列局F69年Q4122

FIELDBLK

TENTATIVELY IDENTIFIED COMPOUNDS

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

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L
!!!!!

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	1	UNKNOWN HYDROCARBON	6.44	9.	J
1	2.	1		1	1
1	4.	 			1
1	5.			٠.	1
1	6. 7.			•	1
	8.				
1	9. 10.				
į	11.				
1	12. 13.			1	
1	14.				1
1	15.				
1	16. 17.				
	18.				1
	19. 20.				
į	21.				
	22.				
;	24.				
	25. 26.				
	27.		-		
	28. 29.		1		
1	30.				;
!	!				

FORM I VOA-TIC

1/87 Rev.

VOLATILE ORGANICS ANALYSIS DATA SHEET

(516) 694-3040 FAX. (516) 594-4122

EPA SAMPLE NO.

Lab Name: H2M Contract: NYSDEC

TRIPBLK

575 Broad Hollow Road, Mervale, N.Y. 11740

ooneract. Wisher

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

CONCENTRATION UNITS:

			OOHODITIK	RILON ONLID.	•		
	CAS NO.	COMPOUND	(ug/L or	ug/Kg) UG/I		Q	
	1			1		1	ı
	1 ! 74-87-3	Chloromethane		1	10.	U	1
	74-83-9	Bromomethane		1	10.		1
		Vinyl Chloride		1		, U	ŀ
		Chloroethane		1		U	1
			•	1		-	ı
	/5-09-2	Methylene Chlori	r a e	i		; U	i i
		Acetone		i		Į.U	i
į		Carbon Disulfide				U	:
		1.1-Dichloroethe				! ប	
i		1,1-Dichloroetha		1		; ប	•
1		1,2-Dichloroethe	ene (total))		¦ ប	ŀ
1		Chloroform		1	5.	¦ U	1
	107-06-2	1,2-Dichloroetha	ine	į 1	5.	¦ U	1
1	78-93-3	2-Butanone		!	10.	¦ U	1
	71-55-6	1,1,1-Trichloroe	thane	1	5.	¦ប	1
1		Carbon Tetrachlo		i	5.	¦ U	1
i		Vinyl Acetate				ับ	į
i		Bromodichloromet	hane	į		Ü	į
i	78-87-5	1,2-Dichloroprop	ane	į		Ü	
į	10061-01-5	cis-1.3-Dichlord	nronene	1		Ū	i
١		Trichloroethene	propene	1		; U	1
		Dibromochloromet	hane	;		ี่ บ	
1		1,1.2-Trichloroe		}		U	i
;		Benzene	chane	I !		. U	i
1		trans-1,3-Dichlo		;		U	
,		Bromoform	ropropene	!		Ü	j I
1		bromororm 4-Methyl-2-Penta		{ †		. U	} }
;		2-Hexanone	none	1		; U	ì
1				! !		. บ ใบ	į į
1		Tetrachloroethen		1		-	ı
1		1.1,2,2-Tetrachl	oroethane	į		¦U	1
1	108-88-3			i		U !	ľ
		Chlorobenzene		į		¦ប	ı
í		Ethylbenzene		į		, U	1
i	100-42-5			i		U	į
;	1330-20-7	Xylene (total)		į	5.	U	i
ì				i		i	í

VOLATILE ORGANICS ANALYSIS DATA SHEET

575 Broad Hollow Road, Melville, N.Y. 11747 (516) 694-3040 AF & M.P. 16 F 69404 22

TENTATIVELY IDENTIFIED COMPOUNDS

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:

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

1	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q !=====	
	1. 2.		; ; ;			
1	3.		1			1
1	4.					1
٠;	5.			×.		1
!	6. 7.		! !			
į	8.					1
1	9.] 3 4	1
!	10.)
1	12.		: !			1
!	13.		! !			
i	14. 15.					1
!	16.					
1	17.		-		1	1
-	18.					1
!	19. 20.					1
į	21.				; 1 I	:
;	22. 23.					ļ
!	24.					1
į	25.	·				
;	26. 27.		1			
!	28.		1			1
	29.		1] 1 1	
ł	30.				1	,

FORM I VOA-TIC

1/87 Rev.

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

EPA SAMPLE NO.

1 4

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M Contract: NYSDEC MW-19

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 ·

CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 74-87-3----Chloromethane 10. ¦ U 74-83-9-----Bromomethane 10. 10 75-01-4-----Vinyl Chloride 7. 75-00-3-----Chloroethane 10. ¦ U 75-09-2-----Methylene Chloride !BJ 1. 67-64-1-----Acetone 10. ; U 75-15-0-----Carbon Disulfide ¦ U 5. 75-35-4----1,1-Dichloroethene 2. 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 /8 ! J 56-23-5-----Carbon Tetrachloride 5. U 108-05-4------Vinyl Acetate 10. ! ប 75-27-4----Bromodichloromethane 5. ! U 78-87-5----1.2-Dichloropropane 5. ľ 10061-01-5----cis-1,3-Dichloropropene 5. ľ 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 ¦ U 5. 108-90-7-----Chlorobenzene ' 5. : U 100-41-4-----Ethylbenzene 5. ! U 100-42-5----Styrene 5. ! U 1330-20-7------Xylene (total) ¦ U 5. (131

575 Broad Hollow Road, Melville, N.Y. 11-(216) 694-3040E & YXS(814) 854-765

MW-12

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Contract: NYSDEC

Lab Code: H2M Case No.: CRO SAS No.: SDG No.: 013

Lab Name: H2M

Matrix: (soil whter) 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

Q =====

CONCENTRATION UNITS:

	ипшрег	1105	round.	U	(ug/L	or ug/vg)	UG/L	
1 1 1	CAS :	SUMBER	1 1	COMPOUND	NAME	RT	EST. CONC.	
1	1.	======	:===; ===			;======= ; ;	= = = = = = = = = = = = = = = = = = =	=
1 1 1	3.		1 1 1			1 1 1	1 1 1	1

∠ .	i .	
3	I.	
J .	t .	
4.		
5	·	
5.	i '	
6.	1	
-	1	
7.	1	
Q	i i	
0.	· ·	
0	i e	

10.	i
11.	‡ 1
12.	!
13.	1
1 /4	i

1 4	•	
13.	1	
14.	1	
14.	T .	
15.	1	•
1	t	
16.	1	
10.	1	
17.	1	
	ı	
18.	!	
	!	
19.	!	

20.	
21.	
22.	
23.	
24	

4	•
25	
26	
27	

575 Broad Hottow R. ac. Merville, N.Y. 117. (516) 594-3040 FAX (510) 694-4122

EPA SAMPLE NO

VOLATILE DRGANIOS ANALYSIS DATA SHEET

MW = 2P

Lab Name: HIM Contract: NYSDEC

Lab Code: HOM Case No.: CRO SAS No.: SDG No.: 013

Matrix: (soil water) WATER Lab Sample ID: 9204233

Sample wt/voi: 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
		!	1
74-37-3	Chloromethane	10	, ₁ .

•		
	1	I
74-37-3Chloromethane	10. [1
74-83-9Bromomethane	10. [1
75-01-4Vinyl Chloride	130.	1
75-00-3Chloroethane	10. {U	1
75-09-2Methylene Chloride	2. BJ	1
67-64-1Acetone	10. U	i
75-15-0Carbon Disulfide	5. U	i
75-35-41,1-Dichloroethene	22.	i
75-34-31,1-Dichloroethane	33.	1
540-59-01,2-Dichloroethene (total)	620. E	į
67-66-3Chloroform	5. U	i
107-06-21,2-Dichloroethane	5. U	i
78-93-32-Butanone	10. U	i
71-55-61,1,1-Trichloroethane	4. J	1
56-23-5Carbon Tetrachloride	; 5. ¦U	1
108-05-4Vinyl Acetate	; 10. ¦U	1
75-27-4Bromodichloromethane	្រៃ 5. ប្រ	,
78-87-51,2-Dichloropropane	5. U	
10061-01-5cis-1,3-Dichloropropene	5. ¦ប ¦	•
79-01-6Trichloroethene	; 340. ; E ;	i
124-48-1Dibromochloromethane	5. ¦U ¦	1
79-00-51,1,2-Trichloroethane	5. U	j j
71-43-2Benzene	2. J	,
10061-02-6trans-1,3-Dichloropropene	5. U	i
75-25-2Bromoform	5. U	
108-10-14-Methy1-2-Pentanone	10. [0	
591-78-6	10. U	ı
	85.	
79-34-51.1,2,2-Tetrachloroethane 108-88-3Toluene	5. U	
108-90-7Chlorobenzene '	5. U	
100-41-4Ethylbenzene	5. ¦Մ ¦	
100-41-4Styrene	5. ¦V ¦	
1330-20-7Xylene (total)	3	
!	3. 1.3	
•	V 0135 ' '	
	, 010	

575 Broad Horlow Road, Merville, N.Y. (515) 694-3040g FAXS(\$160.684-4183

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M Contract: NYSDEC MW-29

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

		-	1	1	, ,	1
	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	1 5
	2. 354-23-4 3. 76-13-1 4.	UNKNOWN Ethane, 1,2-dichloro-1,1,2-tr Ethane, 1,1,2-trichloro-1,2,-		5. 200. 400.] ===== ; J ; J ;	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5. 6. 7. 8. 9.					
1 1 1 1 1 1 1 1 1	10. 11. 12. 13. 14.					
1 1 1 1 1 1 1	14. 15. 16. 17.	,			1 1 1 1 1 1	
1 1 1 1 1 1	19. 20. 21. 22.					
	23. 24. 25. 26.					
1 1 1 1 1 1 1	28. 29. 30.				1	

Lab Name: H2M

575 Broad Hollow Road, Merville, N.Y. 117 (516) 694-3040 FAX. (515) 594-4122

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Contract: NYSDEC

Lab Code: Hev Case No.: CRO SAS 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

CONCENTRATION UNITS: CAS NO. COMPOUND

(ug/L or ug/Kg) UG/L74-87-3-----Chloromethane 200. ; U 74-83-9-----Bromomethane 200. ¦ U 75-01-4-----Vinyl Chloride 110. 75-00-3-----Chloroethane 200. t U 75-09-2----Methylene Chloride 28. ВJ 67-64-1-----Acetone 200. l 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 ¦ U 100. 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. ¦ Ü 10061-02-6-----trans-1,3-Dichloropropene 100. ľυ 75-25-2----Bromoform 100. ! U 108-10-1-----4-Methy1-2-Pentanone 200. ľ 591-78-6----2-Hexanone 200. ¦ U 127-18-4----Tetrachloroethene 90. ¦ J 79-34-5----1,1,2,2-Tetrachloroethane 100. ľυ 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

0155

575 Broad Hollow Road, Melville, N.Y. 11 -(219) 694-30405 & V. K. C. (244) 964-41955

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M Contract: NYSDEC MW-28

Lab Code: H2M Case No.: CRO SAD 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.

Number TICs found: 2

Date Analyzed: 2.13/92

Column: (pack/cap) CAP

Dilution Factor: 20.00

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

1. 354-23-4 Ethane, 1.2-dichloro-1.1,2-t(\frac{\	CAS NUMBER	COMPOUND NAME	RT	EST. CONG.	Q
27. 28. 29.	1. 354-23-4 2. 76-13-1 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25.	Ethane, 1,2-dichloro-1,1,2-t(Ethane, 1,1,2-trichloro-1,2,2,2	1 5 13 3 . 13 3 . 47	200.	===== J
, 1V.	27. 28.				1 1 1 1

575 Broad Hollow Road, Methile, N.Y. 11-(516) 594-3040 FAX: (516) 694-4122

EPA SAMPLE NO.

1 A

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

	•			
	f'	:	!	ŀ
	1 74-37-3Chloromethane	10.	្រ	1
	74-83-9Bromomethane	10.	Ü	ì
	75-01-4Vinyl Chloride	120.		:
	75-00-3Chloroethane		ย	į
	75-09-2Methylene Chloride	3.	ВJ	i
	67-64-1Acetone	:	B	į
	75-15-0Carbon Disulfide	:	Ū	i
	75-35-41.1-Dichloroethene	6.		i
	75-34-31,1-Dichloroethane	13.	:	i
	540-59-01,2-Dichloroethene (total)	380.	E	į
	67-66-3Chloroform	5.	υ ~ ·	į
	107-06-21,2-Dichloroethane		ับ	i
	1 78-93-32-Butanone		Ū	i
	71-55-61,1,1-Trichloroethane		Ū	
	56-23-5Carbon Tetrachloride		Ū	i
	108-05-4Vinyl Acetate		U	i
	75-27-4Bromodichloromethane		Ŭ	
	78-87-51,2-Dichloropropane		Ŭ	:
	10061-01-5cis-1,3-Dichloropropene		Ū	i
	79-01-6Trichloroethene	65.		i
	124-48-1Dibromochloromethane	5.	U	ı
	79-00-51,1,2-Trichloroethane	5	U	1
	71-43-2Benzene	4.	J	ļ
	10061-02-6trans-1,3-Dichloropropene	5.	U	i
	75-25-2Bromoform	5.	U	,
	108-10-14-Methy1-2-Pentanone	10.	U	,
	591-78-62-Hexanone	10.	U	
	127-18-4Tetrachloroethene	24.		
;	79-34-51,1,2,2-Tetrachloroethane	5.	U ;	
:	108-88-3Toluene	5. ;	1	
:	108-90-7Chlorobenzene '	3. ;	J ;	
:	100-41-4Ethylbenzene	4. !	J	
i	100-42-5Styrene	3.	J ;	
i	1330-20-7Xylene (total)	22.	;	
i	i	i	;	

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

MW-3F

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

CONCENTRATION UNITS: Number TICs found: 10 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME		EST. CONC.	9	1 1 f
1	UNKNOWNALKENE UNKNOWN Ethane, 1,2-dichloro-1,1,2-to Ethane, 1,1,2-trichloro-1,2,3 UNKNOWN UNKNOWN ALKANE UNKNOWN PROPANE ETHYLMETHYLISOMER ETHYLMETHYLBENZENE(ISOMER) ETHYLMETHYLBENZENE(ISOMER)	2.26 2.60 2.60 عدائن	10. 7. 60.	.T T T T T T T T T T T T T T T T T T T T	

575 Broad Hollow Road, Melville, N.Y 11-(516) 694-3040 FAX. (516) 694-4122

EPA SAMPLE NO.

l A

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-3P DL

Lab Name: H2M Contract: NYSDEC

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

CONCENTRATION UNITS:

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

74-87-3Chloromethane 74-83-9Bromomethane 75-01-4Vinyl Chloride 75-00-3Chloroethane 75-09-2Methylene Chloride 67-64-1Acetone 75-15-0Carbon Disulfide 75-35-41,1-Dichloroethane 540-59-01,2-Dichloroethane 540-59-01,2-Dichloroethane 107-06-21,2-Dichloroethane 78-93-32-Butanone 71-55-61,1,1-Trichloroethane 56-23-5Carbon Tetrachloride 108-05-4	50. 50. 100. 50. 7. 74. 25. 25. 21. 480. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	• .,	; ;

1Ξ UBLATILE CREANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

IMW-3P DL

Lab Name: H2M L485 INC. Contract: NYSDEC

Lab Code: H2M Case No.:. SAS No.:. SDG No.:013

Matrix: (soil/water) WATER

·Lab Sample [D:9204290DL

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

Lab File ID: >U3468

Lavel: (low/med) EOW

Date Received: 02/07/92

% Moisture: --- 100

Date Analyzed: 2/13/92

Column: CAP

Dilution Factor: 1.00000

CONCENTRATION UNITS:

Number TIDs found: 03 (ug/L or ug/Kg) ug/L I RT | EST. CONC. | Q I CAS NUMBER COMPOUND NAME | 11,2-DICHLORO-1,1,2-TRIFLUDRO! . 9. 3.12 I -ETHANE LUNKHOWH 3.70 1 240.

10.___ 1 11.____ 1 17._ 1 25.__ 1 27.____ 1 28.___ 1 29.___

575 Broad Hollow Road, Melville, N.Y. 1174 (516) 694-3040 - FAX. (516) 694-4122

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

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

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

74-87-3-----Chloromethane U 10. 74-83-9----Bromomethane 10. ! U 75-01-4-----Vinyl Chloride 110. 75-00-3-----Chloroethane 10. ¦υ 75-09-2-----Methylene Chloride ! BJ 67-64-1----Acetone 6. ¦BJ 75-15-0----Carbon Disulfide ¦ U 75-35-4----1,1-Dichloroethene U: 75-34-3----1,1-Dichloroethane 140.

540-59-0----1,2-Dichloroethene (total) 67-66-3-----Chloroform 107-06-2----1.2-Dichloroethane

78-93-3----2-Butanone 71-55-6----1,1,1-Trichloroethane

56-23-5----Carbon Tetrachloride 108-05-4-----Vinyl Acetate

75-27-4----Bromodichloromethane

78-87-5----1,2-Dichloropropane

10061-01-5----cis-1,3-Dichloropropene

79-01-6----Trichloroethene 124-48-1----Dibromochloromethane

79-00-5-----1,1,2-Trichloroethane

71-43-2----Benzene

10061-02-6----trans-1,3-Dichloropropene

75-25-2----Bromoform

108-10-1----4-Methy1-2-Pentanone

591-78-6----2-Hexanone . . .

127-18-4-----Tetrachloroethene

79-34-5----1,1,2,2-Tetrachloroethane

108-88-3----Toluene

108-90-7----Chlorobenzene '

100-41-4----Ethylbenzene

100-42-5----Styrene

1330-20-7-----Xylene (total)

V 0217

5.

5.

10.

5.

. 5 .

10.

5.

5.

19.

5.

5.

10.

10.

18.

5.

2.

5.

5.

5.

! U

¦ U

¦ U

¦ U

; U

! U

! II

U

'U

Ų

¦ U

¦ U

! U

¦ U

! U

575 Broad Hollow Road, Melville, N.Y. 117. (516) 694-3040E 환경X호(현생) 원만나 취상구

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

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q ;
	2. – – 3. 4.	Ethane, 1,2-dichloro-1,1,2-tr UNKNOWN	3.67	10. 20.	J
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5. 6. 7. 8.	·			
1 1 1	10. 11. 12. 13.				. 1
1 1 1 1 1 1 1 1 1	14. 15. 16. 17. 18.	· ·			
1 1 1 1 1 1 1	19. 20. 21. 22.				
1 1 1 1	23. 24. 25. 26.				; ; ; ; ;
1	28. 29. 30.	•			

575 Broad Hollow Road, Melville, N.Y. 1174 (516) 694-3040 FAX: (516) 694-4122

EPA SAMPLE NO.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-5P

Lab Name: H2M Contract: NYSDEC

Lab Code: H2M Case No.: CRO SAS No.: 50G 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

CONCENTRATION UNITS:

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

3.13 2.0.	(45/8 01	us, ns,	0.07 E	Ų	
1		1		1	:
74-87-3	Chloromethane	!	10.	'	-
	Bromomethane	í 1	10.	U	!
	Vinyl Chloride	!	590.	E	
	Chloroethane	t t	10.	¦ U	1
	Methylene Chloride	;	2.	¦BJ	1
67-64-1		1	10.	¦ U	1
75-15-0	Carbon Disulfide	1	5.	¦ U	1
	1,1-Dichloroethene	1	7.		!
	1,1-Dichloroethane	;	10.	1	-
540-59-0	1,2-Dichloroethene (total) ;	670.	¦ E	1
	Chloroform	;	5.	U	. 1
	1,2-Dichloroethane	;	5.	¦ U	ı I
	2-Butanone	;	10.	ľυ	-
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	i	5.	Ü.	;
78-87-5	1,2-Dichloropropane	;	5.	; ប	ľ
10061-01-5	cis-1,3-Dichloropropene	}	5.	¦ U	!
	Trichloroethene	1	520.	: E	;
124-48-1	Dibromochloromethane	1	5.	U	1
79-00-5	1,1,2-Trichloroethane	į	5.	ប	;
71-43-2			5.	Ü	i
	trans-1.3-Dichloropropene	į	5.	U.	i
	Bromoform		5.	U	į
	4-Methy1-2-Pentanone	į	10.	U	į
	2-Hexanone	į	10.	ļ U	į
	Tetrachloroethene		400.	E	i
108-88-3	1,1,2,2-Tetrachloroethane	1	5.	ָּטְ ז	1
	Chlorobenzene '	}	3. 5.	J	1
	Chiorobenzene Ethylbenzene	:	5. 5.	¦ប ¦ប	1
100-41-4			5. 5.	เบ็	1
	Xylene (total)	!	5.	J	!
1 1 2 3 0 2 0 7	ng zene (cocaz)		٠,	:	-
•		V O	235	,	'

575 Broad Hollow Road, Melville, N.Y. 117 (219) 694-3040E FYXS(216) 55-4-4195

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

			-	I t	i t	i ;
	ÇAS	NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
i	=====			(1,15/2) = = = = =		=====
į	1.	354-23-4	Ethane, 1,2-dichloro-1,1,2-to	3.11	100.	J
i	2. 3.	76-13-1	Ethane, 1,1,2-trichloro-1,2,2	im, 3.47	900.	J
1			ONVIONU YEVYNE	7.01	50.	J
1	4. 5.		UNKNOWN ALKANE	; 9.18 ; 9.38	10. 20.	J
1	6.		UNKNOWN ALKANE	9.30	50.	. J !
1	7.		UNKNOWN ALKANE UNKNOWN ALKANE	11.21	60.	. J !
1	8.		UNKNOWN ALKANE	11.21	20.	J
1	9.		UNKNOWN ALKANE	12.27	30.	J
ŀ	10.		UNKNOWN CYCLOHEXANE	12.27	10.	J
1	11.		ONCHOUR CICEOTEXAGE	1 12.00	10.	
1	12.			1		
i	13.	1				
i	14.					į
i	15.		`•		·	į
į	16.					į
i	17.	į		Ì	į	į
i	18.		•			į
ŀ	19.	i		i i		1
1	20.	! !	•	;	1	£ 1
1	21.	; è		;	, I	
ŀ	22.	1				;
	23.				i	į
i	24.	į				i
i	25.	į			į	1
1	26.	i			1	1
1	27.				1	1
-	28. 29.	i			1	i
ŀ	30.				1	1
-	50.	1				1
1		1		'		

Lab Name: H2M

Lab Code: H2M

575 Broad Hollow Road, Meiville, N.Y. 1174 (516) 694-3040 FAX: (516) 694-4122

MW = 5P

DΙ

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Contract: NYSDEC

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

CONCENTRATION UNITS:

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

•		`
1	!	: :
74-87-3Chloromethane	2000.	No i
74-83-9Bromomethane	2000.	Ü
75-01-4Vinyl Chloride	840.	JD
75-00-3Chloroethane	2000.	ָ ֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓
75-09-2Methylene Chloride	1000.	Ü
67-64-1Acetone	2000.	บ
75-15-0Carbon Disulfide	1000.	Ū
75-35-41,1-Dichloroethene	1000.	Ü
75-34-31,1-Dichloroethane	1000.	Ū Ü
540-59-01,2-Dichloroethene (total)	3500.	D :
67-66-3Chloroform	1000.	U ·
107-06-21,2-Dichloroethane	1000.	Ü
78-93-32-Butanone	2000.	Ü
71-55-61,1,1-Trichloroethane	1000.	Ü
56-23-5Carbon Tetrachloride	1000.	Ū
108-05-4Vinyl Acetate	2000.	Ū
75-27-4Bromodichloromethane	1000.	Ū
78-87-51,2-Dichloropropane	1000.	U
10061-01-5cis-1,3-Dichloropropene	1000.	U
79-01-6Trichloroethene	1600.	D
124-48-1Dibromochloromethane	1000.	U
79-00-51,1,2-Trichloroethane	1000.	U
71-43-2Benzene	1000.	¦ ሆ
10061-02-6trans-1,3-Dichloropropene	1000.	t U
75-25-2Bromoform	1000.	¦υ ;
108-10-14-Methy1-2-Pentanone	2000.	U;
591-78-62-Hexanone	2000.	U
127-18-4Tetrachloroethene	880.	; J D ;
79-34-51,1,2,2-Tetrachloroethane	1000.	U
108-88-3Toluene	1000.	U
108-90-7Chlorobenzene '	1000.	U
100-41-4Ethylbenzene	1000.	U
100-42-5Styrene	1000.	U
1330-20-7Xylene (total)	1000.	U
1	i	; ;

FORM I VOA

575 Broad Hollow Road, Melville, N.Y. 117 (516) 69+-3040g 문사X3(전4호) 694-개당2

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M Contract: NYSDEC MN = 5P

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

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

V = 0.264

Enal/Pass & Seymour Soil and Groundwater Laboratory Results

575 Broad Hollow Road, Meiville, N.Y. 11747 (515) 694-3040 FAX: (516) 694-4122

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO SAS No.:

5DG 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:

CONCENTRATION UNITS:

CAS NO. COMPOUND

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

CAS NO.	COMPOUND (dg/2 of dg	, III.9 , OZ, III.	
74-87-3	Chloromethane	12.	:U :
74-83-9	Chloromethane	12.	
75-01-4	Vinyl Chloride	12.	1 :
75-00-3	Chloroethane	12.	
75-00-3	Methylene Chloride	7.	
/3-09-2	Actor	68.	; ;
75 15 0	Acetone Carbon Disulfide	6.	U
75-15-0	1 1-Dichlerecthere	6.	Ü
/5-35-4	1,1-Dichloroethene	6.	10
/5-34-3	1,1-Dichloroethane		
540-59-0	1,2-Dichloroethene (total)_	6.	\U
67-66-3	Chloroform 1,2-Dichloroethane	6.	U
107-06-2	1,2-Dichloroethane	6.	U
78-93 -3	2-Butanone 1,1,1-Trichloroethane	12.	
71-55-6	1,1,1-Trichloroethane	6.	
56 - 23-5	Carbon Tetrachloride	6.	. ,
108-05-4	Vinyl Acetate	12.	
75-27-4	Bromodichloromethane	6.	• • •
	1,2-Dichloropropane		
10061-01-5	cis-1,3-Dichloropropene	6.	, -
79-01-6	Trichloroethene	6.	
	Dibromochloromethane		1 - ,
79-00-5	1,1,2-Trichloroethane	. 6.	
71-43-2	Benzene	6.	
10061-02-6	trans-1,3-Dichloropropene	<u> 6</u> .	¦υ ¦
75-25-2	Bromoform	6.	(U)
108-10-1	4-Methyl-2-Pentanone	12.	¦υ ¦
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 !
	Ethylbenzene	6.	10 1
100-42-5	Styrene		¦U ;
1330-20-7	Styrene Xylene (total)	6.	; U ;
1100 20 /	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	l	_

1 /97 000

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

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

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:

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	i Q
2.		' '	7. 20. 30.	J
8				
.6. .7. .8. .9. .20.				
23				<u>.</u>

575 Broad Hollow Road, Melville, N.Y. 11747

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:

CAS NO. COMPOUND

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

CAS NO.	COMPOUND (dg/L of dg/	- Kg y Odyka	
74-87-3	Chloromethane	11.	U
74-83-9	Bromomethane	11.	Ü
75-01-4	Vinyl Chloride	11.	U
75-00-3	Chloroethane	11.	Ü
75-09-2	Methylene Chloride	. 6	įυ
67-64-1	Acetone	11.	ļυ
75-15-0	Carbon Disulfide	6.	¦υ
75-35-4	1,1-Dichloroethene	6.	¦υ
75-34-3	1,1-Dichioroethane	6.	¦υ
540-59-0	1.2-Dichloroethene (total)	6.	¦ U
67-66-3	Chloroform_	6.	¦ U
107-06-2	1,2-Dichloroethane	6.	¦ U
			U
71-55-6	2-Butanone 1,1,1-Trichloroethane	6.	U
56-23-5	Carbon Tetrachloride	6.	U
108-05-4	Vinyl Acetate	11.	ļυ
75-27-4	Bromodichloromethane	6.	ļU
	1,2-Dichloropropane		ļυ
0061-01-5	cis-1,3-Dichloropropene	6.	¦U
79 - 01-6	Trichloroethene	6.	¦υ
124-48-1	Dibromochloromethane	6.	¦ U
79-00-5	1,1,2-Trichloroethane	6.	U
71-43-2	Benzene	6.	Įυ
0061-02-6	trans-1,3-Dichloropropene	6.	ļυ
75-25-2	Bromoform	6.	ļυ
108-10-1	4-Methyl-2-Pentanone	11.	ļυ
591-78-6	2-Hexanone Tetrachloroethene	11.	ļυ
127-18-4	Tetrachloroethene	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	ļυ
108-88-3	Toluene	6.	U
108-90-7	Chlorobenzene	6.	
	Ethylbenzene		•
100-42-5	Styrene	6.	,
1330-20-7	Xylene (total)	6.	ļυ

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

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

S2

EPA SAMPLE NO.

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

Number TICs found:

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

CAS NUMBER	COMPOUND NAME	 RT =======	EST. CONC.	Q ;
1				
3				
5				
9.				
10. 11. 12.				
13				
15. 16.				
18				
20				
23				
26				
27				
30		1		

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

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: (lcw/med) LOW

Date Received: 12/17/91

% Moisture: not dec. 9.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor:

.96

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

CAS NO.

COMPOUND.

11. !U 11. ! U 11. : U

74-87-3-----Chloromethane ___ 74-83-9----Bromomethane_____ 75-01-4-----Vinyl Chloride____ 75-00-3-----Chloroethane ___ 11. 75-09-2----Methylene Chloride____ 5. 67-64-1-----Acetone 11. ļυ 75-15-0-----Carbon Disulfide_ 5. U 75-35-4-----1.1-Dichloroethene__ 5. U 75-34-3-----1,1-Dichloroethane U 540-59-0----1,2-Dichloroethene (total)_ ;∪ 5. 67-66-3-----Chloroform___ ! U 107-06-2----1,2-Dichloroethane____ 5. 78-93-3----2-Butanone_____ 5. 71-55-6----1,1,1-Trichloroethane ____ 5. 56-23-5----Carbon Tetrachloride___ 108-05-4-----Vinyl Acetate ____ 11. U 75-27-4----Bromodichloromethane 5. ļυ U 78-87-5----1,2-Dichloropropane _ 10061-01-5----cis-1,3-Dichloropropene __ 5. ! 11 ŀυ 79-01-6-----Trichloroethene _ ! U 124-48-1----Dibromochloromethane____ 111 79-00-5----1,1,2-Trichloroethane _ 111 71-43-2----Benzene 10061-02-6----trans-1,3-Dichloropropene 5. ! 11 75-25-2-----Bromoform _ 108-10-1-----4-Methyl-2-Pentanone___ 11. 591-78-6----2-Hexanone_ 5. 127-18-4----Tetrachloroethene 5. ļυ 79-34-5----1,1,2,2-Tetrachloroethane _ 108-88-3----Toluene _ ;U 108-90-7-----Chlorobenzene __ 5. 5. 100-41-4----Ethylbenzene_____ 5. 100-42-5----Styrene __ 1330-20-7-----Xylene (total)____

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

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

S3

EPA SAMPLE NO.

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

Dilution Factor:

Level: (low/med) LOW

Date Received: 12/17/91

% Moisture: not dec. 9.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

.96

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	
		= =====	=======================================	;=====
·		_		! !
2		_		
3ii				·
4				·
5		_		·
6		!!		
7		!:		
8		_		
9				
.0				
1				
.2				
3		_		
4		- ::		
4				
.5		-!!		
6		-		
7		-{ {		
8		-! !		
9		-		-
		-		
1			<u></u> i	
2		- -	i	
3		_!!		
4		_ 	i	
5		_		
6		_		
·7 ·		_	·	
8				
9		1		
0.				

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

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

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

74-87-3Chloromethane	52.	 U
74-83-9Bromomethane		
75-01-4Vinyl Chloride		Ü
75-00-3Chloroethane		Įυ
75-09-2Methylene Chloride	26.	1
		J
67-64-1Acetone	26.	U
75-35-41,1-Dichloroethene	26.	 ! υ
75-34-31,1-Dichloroethane		Ü
540-59-01,2-Dichloroethene (total)		U
67-66-3Chloroform	26.	Ų
107-06-21,2-Dichloroethane	26.	Ü
78-93-32-Butanone		U
71-55-61,1,1-Trichloroethane	26.	Ü
56-23-5Carbon Tetrachloride	26.	ļυ
108-05-4Vinyl Acetate	52.	Ü
75-27-4Bromodichloromethane	26.	•
78-87-51,2-Dichloropropane		•
10061-01-5cis-1,3-Dichloropropene		ļυ
79-01-6Trichloroethene		Ü
124-48-1Dibromochloromethane		Ü
79-00-51,1,2-Trichloroethane		Ü
71-43-2Benzene	•	ļŪ
10061-02-6trans-1,3-Dichloropropene		Ū
75-25-2Bromoform	26.	¦υ
108-10-14-Methyl-2-Pentanone	52.	Ü
591-78-62-Hexanone	52.	ļU
127-18-4Tetrachloroethene	2300.	Ε
79-34-51,1,2,2-Tetrachloroethane		υ
108-88-3Toluene		
108-90-7Chlorobenzene		ļυ
100-41-4Ethylbenzene		Ü
100-42-5Styrene		Ü
1330-20-7Xylene (total)		Ü
1000 20 / // / / / / / / / / / / / / / /	7.	!

S 0027

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

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

1		
1		
ł	54	
1	54	
ì		

Lab Name: H2M

Contract: NYSDEC

EPA SAMPLE NO.

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

Number TICs found: 0

Dilution Factor: 5.00

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

CAS NUMBER	COMPOUND NAME		EST. CONC.	0
1	*======================================	= ; ===================================	====================================	; ===== !
2		-!		!
3				
4			1	
5			1	
6			!	
7		_	! !	
8				
9		-! -	!	
10				
11				
12		- į į		
13				
14		-		
15		-	·	
16				
18		·		
19				
20				
21				
22		1		
23		-		
24		.		<u>`</u>
25¦		-		
26 ;		-		
27		·		
28		·¦		
29		·¦		
30		·! ———!		

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

1 A 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) LOH MED

Date Received: 12/16/91

% Moisture: not dec. 4.

Date Analyzed: 12/20/91

Column: (pack/cap) CAP

Dilution Factor: 125.00

CONCENTRATION UNITS:

CAS NO. COMPOUND

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

CAS NU.	COMPOUND (UG/L of Ug	/kg) UG/kG	Q
74-87-3	Chloromethane	1300.	: U
74-83-9	Bromomethane	1300.	; U
75-01-4	Vinyl Chloride	1300.	•
75-00-3	Chloroethane	1300.	Ü
75-09-2	Methylene Chloride	650.	10
			ļΰ
75-15-0	Acetone Carbon Disulfide	650.	ίŬ
75-35-4	1,1-Dichloroethene	650.	ΰ
	1,1-Dichloroethane		Ü
540-59-0	1,2-Dichloroethene (total)_	650.	Ü
67-66-3	Chloroform	650.	Ü
107-06-2	1,2-Dichloroethane	650.	ΰ
	2-Butanone	1300.	Ü
71-55-6	1,1,1-Trichloroethane		Ü
	Carbon Tetrachloride		Ü
	Vinyl Acetate		Ü
75-27-4	Bromodichloromethane	650.	•
78-87-5	1,2-Dichloropropane	650.	Ü
.0061-01-5	cis-1,3-Dichloropropene	650.	Ü
79-01-6	Trichloroethene	650.	Ų
124-48-1	Dibromochloromethane	650.	U
	1,1,2-Trichloroethane		ļυ
71-43-2	Benzene	650.	ļυ
.0061-02-6	Benzene 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
	1,1,2,2-Tetrachloroethane		¦U
108-88-3	Toluene	650.	¦υ
108 - 90-7	Chlorobenzene	650.	¦U
100-41-4	Ethylbenzene	650.	¦U
100-42-5	Styrene Xylene (total)	650.	¦U
1330-20-7	Xylene (total)	650.	ļυ
		i	_;

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

VOLATILE CRGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

	ı
	ı
S4	i
9 4	į

125.00

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: C6

Matrix: (soil/water) SQIL

Lab Sample ID: 9135810DL

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

Lab File ID: P7827

Level: (low/med) Level:

Date Received: 12/15/91

% Moisture: not dec. 4.

Date Analyzed: 12/20/91

Column: (pack/cap) CAP

Number TICs found:

Dilution Factor:

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
		== ======	=======================================	=====
2.		— ———		
3		 ¦		
1				
		!i		
5				
5		<u>-</u>		
7		!!		
8				
9				
0				
1	·····			
3		<u></u>		
4				
5				
.6				
7				
.8		_;;		
.9				
.0				
21				
2				
2 1			!	
4		!		
5		!!		
6i		!!		
7		_		
8		_	!	
9				

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

\$5

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) LCW

Date Received: 12/16/91

% Moisture: not dec. 22.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor:

CONCENTRATION UNITS:

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

CAS NO.	COMPOUND (L	ig/L or ug/Kg) t	JG/KG ———	Q
74-87-3	Chloromethane		13.	U
74-83-9	Bromomethane		13.	¦υ
75-01-4	Vinyl Chloride		13.	
75-00-3	Chloroethane		13.	U
75-09 - 2	Methylene Chloride_		フ.	Įυ
67-64-1	Acetone		13.	U
75-15-0 -	Carbon Disulfide	}	7.	U
75-35-4	1,1-Dichloroethene_		7.	U
	1,1-Dichloroethane		7.	ŀυ
540-59-0	1,2-Dichloroethene	(total)_	7.	U
	Chloroform		7.	ļυ
	1,2-Dichloroethane_		7.	U
	2-Butanone		13.	ļυ
71-55-6	1,1,1-Trichloroetha	ne	7.	įυ
	Carbon Tetrachlorid		7.	Ü
	Vinyl Acetate		13.	Ū
	Bromodichloromethan		7.	Ü
	1,2-Dichloropropane		7.	įυ
	cis-1,3-Dichloropro		7.	Ū
	Trichloroethene		7.	įυ
	Dibromochloromethan		7.	U
	1,1,2-Trichloroetha		7.	U
	Benzene		7.	U
	trans-1,3-Dichlorop	ropene	7.	U
	Bromoform		7.	U
108-10-1	4-Methyl-2-Pentanon	e	13.	¦ U
	2-Hexanone		13.	¦U
	Tetrachloroethene _		19.	}
	1,1,2,2-Tetrachloro		7.	U
108-88-3	Toluene		7.	ļυ
108-90-7	Chlorobenzene		7.	U
100-41-4	Ethylbenzene		7.	U
100-42-5	Styrene		7.	U
1330-20-7	Xylene (total)		7.	įυ

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

EPA SAMPLE NO.

1 E

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M Contract: NYSDEC _____

Lab Code: H2M Case No.: CRO 5AS No.: SDG No.: C6

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: 12/15/91

% Moisture: not dec. 22. Date Analyzed: 12/19/91

Column: (pack/cap) CAP Dilution Factor: 1.04

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

CAS NUMBER	COMPOUND NAME		EST. CONC.	
	=======================================	==;======	=====================================	=====
2				
3				
4.				
5.		_		
6		_!	.!!	
7		_		
8		_ 	·	
9		_i 	·	
10			1	
11		-!		
12				
14			1	
15				
16				
17		_	l	
18		_[! !	!
19				
20		_i	i ————————————————————————————————————	 j
21		! 	i	!
22		-¦	! !	1
23		-¦ 	!	
25				
26				
27				
28		_ !		
29		_!	!	
30			ii	;

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

36

Lab Name: FEM

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

CAS NO.

Dilution Factor:

1.00

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

74 07-2	Chloromethan	1	
74-87-3	Chloromethane	_ 10.	; 0
74-83-9	Bromomethane	10.	; U
/5-01-4	Vinyl Chloride	10.	Ü
75-00-3 -	Chloroethane_		
75-09-2	Methylene Chloride	5.	; U
67-64-1	Acetone	10.	
75-15-0 	Carbon Disulfide	5.	
75-35 - 4	1,1-Dichloroethene	_¦ 5.	
75-34-3 -	1,1-Dichloroethane	_; 5.	
540-59 - 0	1,2-Dichloroethene (total)_	_; 5.	
67 - 66-3	Chloroform	_; 5.	
10/-06-2	I,2-Dichioroethane	i 5.	¦ U
78-93-3 	2-Butanone	10.	¦U
71 - 55-6	1,1,1-Trichloroethane	5.	U
56-23 - 5	Carbon Tetrachloride	5.	
108-05-4	Vinyl Acetate	10.	Ü
75-27-4	Bromodichloromethane	5.	
78-87-5	1,2-Dichloropropane	5.	
10061-01-5	cis-1,3-Dichloropropene	5.	•
79-01-6	Trichloroethene	5.	
124-48-1	Dibromochloromethane	5.	
79-00-5	1,1,2-Trichloroethane	5.	
71-43-2	Benzene	5.	
0061-02-6	trans-1,3-Dichloropropene	5.	
75 25 2	Dyanafasa		
108-10-1	4-Methyl-2-Pentanone	! 10	
591-78-6	2-Hexanone	10.	
127-18-4	Tetrachloroethene	5.	
79-34-5	1,1,2,2-Tetrachloroethane	5.	
	Toluene		
108-90-7	Chlorobenzene	5.	
100-41-4	Ethylbenzene	5.	
100-42-5	Styrene	5.	
1330-20-7	Xylene (total)	5.	

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

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

S6

EPA SAMPLE NO.

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

CONCENTRATION UNITS:

Number TICs found:

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q .
1			ļ —————	! !
3.		i		
4		ļ 		
6				
7				
9				
10				
12		!		
14				
15		i		
17				
19				
20		 	·	
22		!		
24		·		
25				
27				
29				
30				

FORM I VOA-TIC

.1/87 Rev.

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

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: 42M

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: 12/15/91

% Moisture: not dec. 6.

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

74-87-3----Chloromethane _____ 10 11. 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. ¦υ 75-35-4-----1,1-Dichloroethene____ 6. ¦υ 75-34-3----1,1-Dichloroethane_ 6. ¦ U 540-59-0----1,2-Dichloroethene (total) ; 6. ¦ U 67-66-3----Chloroform 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 75-27-4----Bromodichloromethane 6. 6. ; 78-87-5----1,2-Dichloropropane ____ 6. 10061-01-5----cis-1,3-Dichloropropene ___ U 79-01-6----Trichloroethene U 6. 124-48-1----Dibromochloromethane U 79-00-5----1,1,2-Trichloroethane !U U 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 U 79-34-5----1,1,2,2-Tetrachloroethane _ ļυ 6. 108-88-3-----Toluene 6. 108-90-7-----Chlorobenzene _____ 6. ¦υ 100-41-4----Ethylbenzene_ 6. ¦ U 100-42-5----Styrene ! U 6. 1330-20-7-----Xylene (total)__ ļΨ

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

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

57	
5/	

EPA SAMPLE NO.

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: 12/15/91

% Moisture: not dec. 6.

Date Analyzed: 12/19/91

Column: (pack/cap) CAP

Dilution Factor: 1.04

Number TICs found:

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	q
=====; == 1		= ======	=========	¦≖≃≒≖≡
2		!	!	ļ ——
3		- 		
4			1	!
5			t	
6				
7			1 1	
8				
9		!		
0				
1		i		
2		i		
3		_¦		
4				
5				
7				
8				
9				
o;		_		
1		_!		
2	·	_[
3		_::		
4		_	·i	
5		- ¦:		
6		- ¦		
7 8		-		
9		-		
0		—; ——— ;		

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

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

CONCENTRATION UNITS:

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

		1	
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl Chloride	10.	
75-00-3	Chloroethane	10.	Ų
75-09-2	Methylene Chloride	5.	U
			Ü
75-15-0	Acetone Carbon Disulfide	5.	U
	1,1-Dichloroethene		Ü
	1,1-Dichloroethane	. 5.	Ü
	1,2-Dichloroethene (total)		Ü
67-66-3	Chloroform	5.	Ū
107-06-2	1,2-Dichloroethane	5.	Ü
			-
71-55-6	2-Butanone 1,1,1-Trichloroethane	5.	
56-23-5	Carbon Tetrachloride	5.	
108-05-4	Vinyl Acetate		ίŬ
75-27-4	Bromodichloromethane	5.	ίŭ
	1,2-Dichloropropane	5.	Ü
	cis-1,3-Dichloropropene	- +	Ü
79-01-6	Trichloroethene	5.	Ü
124-48-1	Dibromochloromethane	5.	Ū
	1,1,2-Trichloroethane		U
			Ü
0061-02-6	Benzene trans-1,3-Dichloropropene	5.	U
75-25-2	Bromoform	5.	U
108-10-1	4-Methyl-2-Pentanone	10.	įυ
591-78-6	2-Hexanone	10.	Įυ
127-18-4	Tetrachloroethene	14.	1
	1,1,2,2-Tetrachloroethane	5.	U
108-88-3	Toluene	5.	Įυ
108-90-7	Chlorobenzene	5.	U
	Ethylbenzene		ļυ
	Styrene Xylene (total)		¦U
	V. 1 (+ - + - 1)	5.	U

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

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

,

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 05

Matrix: (soil/water) SOIL

Lab Sample ID: 9135930

Sample wt/vcl: 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

Number TICs found:

Dilution Factor: .94

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	<u> </u>
1				====
2				
3				
4				
5				
6				
7		_[
8				
0				
1				
2				
3				
4		_!!		
5		[
6				
7		-!!		
9		-!!		
0				
1		_		
2ii		_		
3		_		
4		-i <i></i> i	 !	
5				
6	<u> </u>			
8				
9				
0.		! !	!	

FORM I VOA-TIC

1/87 Rev.

VOLATILE ORGANICS ANALYSIS DATA SHEET

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

FIELDELK

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

-	į ir ir ir ir ir ir ir ir ir ir ir ir ir
74-87-3Chloromethane	10. U
74-83-9Bromomethane	10. U
75-01-4Vinyl Chloride	10. U
75-00-3Chloroethane	10. U
75-09-2Methylene Chloride	3. BJ
67-64-1Acetone	10. U
75-15-0Carbon Disulfide	
75-35-41.1-Dichloroethene	5. ¦U
75-34-31.1-Dichloroethane	
540-59-01.2-Dichloroethene (total)	
67-66-3Chloroform	5. U
	5. U
107-06-21,2-Dichloroethane	.5. [U
78-93-32-Butanone	10. U
71-55-61,1,1-Trichloroethane	5. U
56-23-5Carbon Tetrachloride	5. U
108-05-4Vinyl Acetate	10. [U]
75-27-4Bromodichloromethane	5. U
78-87-51,2-Dichloropropane	5. U
10061-01-5cis-1.3-Dichloropropene	5. U
79-01-6Trichloroethene	5. U
124-48-1Dibromochloromethane	5. U
79-00-51.1.2-Trichloroethane	5. U
71-43-2Benzene	5. U
10061-02-6trans-1,3-Dichloropropene	5. U
75-25-2Bromoform	5. U
108-10-14-Methyl-2-Pentanone	10. U
591-78-62-Hexanone	10. U
127-18-4Tetrachloroethene	5. U
79-34-51,1,2,2-Tetrachloroethane	5. U
108-88-3Toluene	5. U
108-90-7Chlorobenzene	5. U
100-41-4Ethylbenzene	5. U
100-42-5Styrene	5. U
1330-20-7Xylene (total)	5. ¦U
i	
	S C039

H2M LABS. IN

575 Broad Hollow Road, Melville, N.Y. 11747 (516) 694-3048 AF, \$20, \$216, \$60, \$240, \$22

PIELDBLK

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Contract: NYSDEC

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

Lab Name: H2M

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

CONCENTRATION UNITS:

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

CAS NUMBER	COMPOUND NAME	 RT -======	EST. CONC.	Q	i i
CAS NUMBER ===================================	COMPOUND NAME		EST. CONC.		
24. 25. 26. 27. 28. 29.	·				•.

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.: 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

CAS NO. COMPOUND

Date Received: 12/17/91

% Moisture: not dec. 100.

Date Analyzed: 12/19/91

Dilution Factor: 1.00

Column: (pack/cap) CAP

CONCENTRATION UNITS:

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

	0.1.0 1.0 .	00:::00::0	S/RS/ 00/L	Y	
	!		!		
	74-87-3	Chloromethane	10.	ָּט	
	74-83-9	Bromomethane	10.	U	
	75-01-4	Vinyl Chloride	10.		
	75-00-3	Chloroethane	10.		
	75-09-2	Methylene Chloride	1.	BJ	
		Acetone	10.	Ü	
		Carbon Disulfide	5.	U	
	75-35-4	1.1-Dichloroethene	5.	U	
	75-34-3	1,1-Dichloroethane	5.	U	
		1,2-Dichloroethene (total)	5.	U	
	: 67-66-3	Chloroform	į 5.	U	
	107-06-2	1,2-Dichloroethane	; 5.	U	
	78-93-3	2-Butanone	10.	U	
	1 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.	រូប ;	
	78-87-5	1,2-Dichloropropane	; 5.	; U;	
		cis-1,3-Dichloropropene	5.	; ប	
		Trichloroethene	; 5.	¦υ ;	
		Dibromochloromethane	5.	; U	
		1,1,2-Trichloroethane	5.	U	
		Benzene	. 8	J	
		trans-1,3-Dichloropropene	; 5.	U	
		Bromoform	5.	U	
	108-10-1	4-Methyl-2-Pentanone	10.	U	
		2-Hexanone	10.	U	
		Tetrachloroethene	5.	U	
	79-34-5	1,1,2,2-Tetrachloroethane	5.	U	
	108-88-3		.9	J	
i	108-90-/	Chlorobenzene	5.	ָ [†] U	
	100-41-4	Ethylbenzene	5.	U	
İ	100-42-5	Styrene	5.	U	
i	1330-20-/	Xylene (total)	5.	U	
i	1		1	1 1	

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

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

TRIPBLK

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:

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

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

575 Broad Hollow Road, Melville, N.Y. 11 (516) 694-3040 FAX (516) 694-4122

EPA SAMPLE NO

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW1568

Lab Name: H2M Contract: NYSDEC

Lab Code: -2M Case No.: CRO SAS No.: 50G 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

CONCENTRATION UNITS:

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

74~87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	
75-01-4	Vinyl Chloride	10.	
75-00-3	Chloroethane	10.	
75-09-2	Methylene Chloride	5.	10
67-64-1	Acetone	10.	
75-15-0 - -	Carbon Disulfide	5.	Ü
75-35-4	1,1-Dichloroethene	5.	Ü
75-34-3	1,1-Dichloroethane	5.	U
	1,2-Dichloroethene (total)		;U
	Chloroform		U .
107-06-2	1,2-Dichloroethane	5.	
	2-Butanone		U
71-55-6	1,1,1-Trichloroethane	5.	\U .
54-23-5	Carbon Tetrachloride	5.	
108-05-4	Vinyl Acetate	10.	, -
75-27-4	Bromodichloromethane	5.	•
79-97-5	1,2-Dichloropropane	5.	, -
0061-01-5	cis-1,3-Dichloropropene	5.	\U .
79-01-6	Trichloroethene	5.	10 1
124-48-1	Dibromochloromethane	5.	!u
79-00-5	1,1,2-Trichloroethane	5.	10
71-43-2	Benzene	5.	10 1
0061-02-6	trans-1,3-Dichloropropene	5.	iu :
	Bromoform		Ü
108-10-1	4-Methyl-2-Pentanone	10.	Ü
	2-Hexanone		Ü
127-18-4	Tetrachloroethene	5.	Ü
	1,1,2.2-Tetrachloroethane	,	Ü
	Toluene		Ü
108-90-7	Chlorobenzene	5.	ļŪ ;
100-41-4	Ethylbenzene	5.	10
100-42-5	Styrene	5.	Ü
	Xylene (total)	5.	U

S 0015

575 Broad Hollow Road, Melville, N.Y. 117 (516) 694-3040 FARE(516)1094-ই।এর

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

MW1568

Lab Code: H2M

Case No.: CRO

S43 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

Oilution Factor: .96

Number TICs found:

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

CAS NUMBER			EST. CONC.	Q
		= ======	=========	====
2		-!		
3		_;		
4				
5	-			
6				
7				
8				
9		_!!	1	
10		_	.!	
11		_ ! !		
12		_		
13	1	_		
14		_[
15		_		
l6		_[
·		_		
8		-i -i		
19		-i i	<u> </u>	
20		_		
21		-¦ 		
22				
23		-		
24				
26				
7				
8		1		
9				

575 Broad Hollow Road, Melville, N.Y. 11 (516) 694-3040 FAX: (516) 694-4122

EPA SAMPLE NO

VOLATILE ORGANICS ANALYSIS DATA SHEET

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG 74-87-3-----Chloromethane
74-83-9------Bromomethane
75-01-4-----Vinyl Chloride
75-00-3-----Chloroethane 11. ! U 11. ¦U 11. 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. ¦Ų 75-34-3----1,1-Dichloroethane_ 5. : U 540-59-0----1,2-Dichloroethene (total)__; ¦ U 67-66-3----Chloroform____ 5. l U 107-06-2----1,2-Dichloroethane______ 5. ¦υ 78-93-3----2-Butanone____ 11. : U 5. 5. 71-55-6----1,1,1-Trichloroethane _____ ¦U 56-23-5-----Carbon Tetrachloride_____ 108-05-4-----Vinyl Acetate ____ 11. U 75-27-4----Bromodichloromethane_____ 5. 5. U 78-87-5----1,2-Dichloropropane _____ ; U 10061-01-5----cis-1,3-Dichloropropene _____ 79-01-6----Trichloroethene ____ 124-48-1----Dibromochloromethane__ ŀυ 79-00-5----1,1,2-Trichloroethane _____ 'U 71-43-2----Benzene _ ľU 10061-02-6-----trans-1,3-Dichloropropene ____ ! U 5. 75-25-2-----Bromoform _____ : U 108-10-1----4-Methyl-2-Pentanone_____ 11. U 591-78-6----2-Hexanone____ 11. ! U 127-18-4----Tetrachloroethene _____ ¦υ 79-34-5----1,1,2,2-Tetrachloroethane ___; 108-88-3-------Toluene _____ ! U 108-90-7-----Chlorobenzene _____ ¦Ų 100-41-4-----Ethylbenzene_____ ! U 100-42-5-----Styrene _____ 5. ! U 1330-20-7-----Xylene (total)_____ ¦υ

S 0017

57.5 Broad Hollow Read, Mehille, N.Y. 1172. (516) 694-3040 - FARA(576)MF441230 .

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M Contract: NYSDEC MW25

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: 1/28/92

% Moisture: not dec. 5.

Date Analyzed: 2/ 3/92

Column: (pack/cap) CAP

29._____

Number TICs found: 0

Dilution Factor: 1.04

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

CAS NUMBER COMPOUND NAME | RT | EST. CONC. | Q 10.____ 11.____ 12.____ 13.____ 16.____ 17.____ 19.____ 20.____ 21.____ 24._____ 25._____ 27.____

FORM I VOA-TIC

1/87 Rev.

575 Broad Hotlow Road, Melville, N.Y. 1. (516) 694-3040 FAX: (516) 694-4122

CAS NO.

EPA SAMPLE NO

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW3568

Lab Name: H2M Contract: NYSDEC

COMPOUND

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

Data Received: 1/28/92 Level: (low/med) LOW

% Moisture: not dec. 16. Date Analyzed: 2/ 3/92

Column: (pack/cap) CAP Di-lution Factor: 1.02

CONCENTRATION UNITS:

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

74-87-3-----Chloromethane _____ 12. U 74-83-9-----Bromomethane 75-01-4-----Vinyl Chloride 12. ! ! ! 12. ; U 75-00-3-----Chloroethane____ 12. ļŲ, 75-09-2----Methylene Chloride_____ 6. ! U 67-64-1-----Acetone _____ 12. 75-15-0-----Carbon Disulfide !U 6. 75-35-4-----1,1-Dichloroethene____ ! U 6. 75-34-3-----1,1-Dichloroethane_____ ! U 540-59-0----1.2-Dichloroethene (total)__; 6. ! U 67-66-3----Chloroform____ 6. ¦υ 107-06-2----1,2-Dichloroethane____ 6. U 78-93-3-----2-Butanone___ 12. ¦U 71-55-6----1,1,1-Trichloroethane _____ 6. 56-23-5----Carbon Tetrachloride_____ 6. ¦υ 108-05-4-----Vinyl Acetate ____ 12. U: 75-27-4----Bromodichloromethane_____ ļυ 6, 78-87-5----1,2-Dichloropropane _____ 6. 10061-01-5----cis-1,3-Dichloropropene ____ 6. ļυ 79-01-6----Trichloroethene ____ 30. 124-48-1----Dibromochloromethane____ 6. ! U U 79-00-5----1,1,2-Trichloroethane ____ 6. 71-43-2----Benzene ____ ! U 6. 10061-02-6----trans-1.3-Dichloropropene ____ ! U 6. 75-25-2----Bromoform ____ U 6. 108-10-1----4-Methyl-2-Pentanone_____ 12. U 12. U 591-78-6-----2-Hexanone_____ 127-18-4----Tetrachloroethene 19. 79-34-5----1,1,2,2-Tetrachloroethane ___ 6. 108-88-3----Toluene _ 6. U 6. U 108-90-7----Chlorobenzene 6. ! U 100-41-4-----Ethylbenzene_____ ; U 6. 100-42-5----Styrene ___

S 0019

ó.

¦υ

1330-20-7-----Xylene (total)_____

575 Broad Hollow Road, Mebille, NY, 117= (516) 694-3040 - F電光台(516)1694-届12回り、

MW3568

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M Contract: NYSDEC

Lab Code: H2M Case No.: CRG 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

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
======================================		== ======	========	====
1		!!		
2				
3				
4			<u> </u>	
5				
6		_		
<u>/·</u> -			i	
8			· · · · · · · · · · · · · · · · · · ·	
9		<u> </u>		
LO				
1		-!!		
2				
3		- 		
.5				
.6		-!!		
7				
8				
9		_		
0		<u> </u> -		
1		-: :-		
2				
3		-		
4				
5				
6			1	
7				
8		_!		
9				
0.	·	1	!	

FORM I VOA-TIC

1/87 Rev.

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

Lab Name: H2M

Lab Code: H2M

CAS NO.

EPA SAMPLE NO

SDG No.: 011

FIELDBLK

 \bigcirc

VOLATILE ORGANICS ANALYSIS DATA SHEET

Contract: NYSDEC

Matrix: (soil/water) WATER Lab Sample ID: 9203035

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: P8113

COMPOUND

Case No.: CRO SAS No.:

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

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

10. 74-83-9-----Bromomethane______ 10. زا¦ 75-01-4----Vinyl Chloride_____ 10. : U 75-00-3-----Chloroethane_____ 10. ¦υ 75-09-2----Methylene Chloride_____ 5. ŀυ 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 5. 540-59-0----1,2-Dichloroethene (total)___ U 67-66-3----Chloroform____ ¦ U 5. 107-06-2-----1,2-Dichloroethane____ U 78-93-3----2-Butanone____ ¦ U 10. 71-55-6----1,1,1-Trichloroethane _____ 5. ¦υ 5. 56-23-5----Carbon Tetrachloride ŀυ 108-05-4-----Vinyl Acetate ____ 10. ¦υ 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___ ¦U 79-00-5----1,1,2-Trichloroethane _____ 5. ¦υ 5. 71-43-2----Benzene ťυ 10061-02-6----trans-1,3-Dichloropropene 5. U 5. ! U 75-25-2----Bromoform ____ 108-10-1----4-Methyl-2-Pentanone_____ 10. ļυ 591-78-6----2-Hexanone_____ 10. U 127-18-4-----Tetrachloroethene 5. U 5. U 79-34-5----1,1,2,2-Tetrachloroethane ___; 5. !U 108-88-3----Toluene 5. ļυ 108-90-7----Chlorobenzene ____ 100-41-4----Ethylbenzene_____ 5. Ľυ 5. ¦U. 100-42-5----Styrene 5. ¦υ 1330-20-7-----Xylene (total)___

1/87 Rev.

575 Broad Hollow Road, Melville, N.Y. 117 (516) 694-3040 | 医原体(组的)物组型1220

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

FIELDBLK

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

SDG No.: 011

Matrix: (soll/water) WATER

Number TICs found: 0

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

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. <u>SHO841</u>	22,4-Trinity Pentrui		======================================	-
2	1			
3		-		
4 5		-; 		
6		-!!		
7				
8	\	-		
9		-		
10		-		
12		-		
13				
14		_		
15		-		
16		-[
17 18		-		
19				
20		11		
21		- [] .		
22		· [] ·		
23		·		
25				
26		.		
27		. -		
28		· - 		
29 30				
	1		1	

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

CAS NO. COMPOUND

EPA SAMPLE NO

VOLATILE ORGANICS ANALYSIS DATA SHEET

TRIPBLK Contract: NYSDEC

Lab Name: H2M

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

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

10 10. 10. ; i J 10. 10

75-00-3-----Chloroethane____ 10. 10 75-09-2-----Methylene Chloride______ 5. ¦υ 67-64-1----Acetone ____ 10. ! U 75-15-0----Carbon Disulfide 5. ; U 75-35-4----1,1-Dichloroethene_____ 5. l U 75-34-3----1,1-Dichloroethane____ 5. 1 U 540-59-0----1,2-Dichloroethene (total)___ 5. ¦ U 67-66-3----Chloroform_____ 5. ¦υ 107-06-2----1,2-Dichloroethane____ 5. ¦υ 78-93-3----2-Butanone_____ 10. ¦U 71-55-6----1,1,1-Trichloroethane ____ 5. !U 56-23-5-----Carbon Tetrachloride_____ 5. ¦υ 108-05-4-----Vinyl Acetate ____ 10. l 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. ¦υ 124-48-1----Dibromochloromethane____ 5. ŀυ 79-00-5----1,1,2-Trichloroethane _____ 5. ŀυ 71-43-2----Benzene 5. U 10061-02-6----trans-1,3-Dichloropropene ___; 5. 75-25-2----Bromoform _____ 5. 108-10-1----4-Methyl-2-Pentanone_____ 10. ¦υ 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. ¦υ 108-90-7----Chlorobenzene _____ 5. ¦υ

-0.023

5.

5.

¦ U

ťυ

¦ U

100-41-4----Ethylbenzene_____

1330-20-7-----Xylene (total)_____

100-42-5----Styrene ____

575 Broad Hollow Road, Melville, N.Y. 11 (516) 694-3040 医软头(豆白) 694,进12至

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M Contract: NYSDEC TRIPBLK

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

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. DONG.	<u>.</u> ۵
1 UN 2	KNOMN		5.	J
3.4.				
5				
7				
9.				
10				
12				
14				
16				
17				
19				
21				
23				
25				
27 28				
29				

575 Broad Hollow Road, Melville, N.Y. (17., (515) 594-3040 FAX. (516) 694-4122

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

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 COMP

		*	(45/10 01	us/Ks/	00/1	Q	
!				!		ī	:
1	74-87-3	Chloromethane		ĺ	10.	· i U	
!	74-83-9	Bromomethane		1	10.	Ū	i
1	75-01-4	Vinyl Chloride		į	10.	Ü	i
1	75-00-3	Chloroethane		į	10.	Ū	
1	75-09-2	Methylene Chlorid	e		·2.	BJ	i
1	67-64-1 -	Acetone		i	3.	BJ	i
ı	75-15-0 	Carbon Disulfide		i	5.	U	į
1	75-35-4	1,1-Dichloroethen	e	-	5.	Ū	i
1	75-34-3	1,1-Dichloroethan	e .	l I	5.	Ü	į
I	540-59-0	1,2-Dichloroethen	e (total)	1	3.	J	į
1	67-66-3	Chloroform		ĺ	5.	U	, į
ļ	107-06-2	1,2-Dichloroethan	2	i	5.	Ū	i
1	- 78-93-3 	2-Butanone		İ	10.	U	į
ŀ	71-55-6	1,1,1-Trichloroeth	lane		5.	U	Ė
1	56-23-5	Carbon Tetrachlor	iđe	1	, 5 .	U	i
i	108-05-4	Vinyl Acetate '		;	10.	U	i
ļ	75-27-4	Bromodichlorometha	ıne	1	5.	ប	ŀ
1	78-87-5	1,2-Dichloropropa	ıe	;	5.	Ü	
į		cis-1,3-Dichloropa	opene	;	5.	; ប	:
ŀ		Trichloroethene		;	3.	¦ J	1
	124-48-1	Dibromochlorometha	ne	1	5.	¦ U	;
ŀ		1,1,2-Trichloroeth	lane	!	5.	t U	1
i	71-43-2			1	5.	¦ U	
ŀ	10061-02-6	trans-1,3-Dichloro	propene			U	
i		Bromoform			5.	U	
i	108-10-1	4-Methyl-2-Pentano	ne		10.	U	į
į	591~78~6~~~~			•	10.	U	į
i	127-18-4	Tetrachloroethene		i	150.		ij
į	/9-34-5	1,1,2,2-Tetrachlor	oethane	į	5.	U	į
į	108-88-3			į	5.	ļυ	i
i		Chlorobenzene '			5.	¦ U	
;	100-41-4	Ethylbenzene		1	5. 5.	Ų¦ U¦	1
i		Xylene (total)		:	5. 5.	. U	1
i	1330-20-7	Ayrene (Cocar)		1	٠.	; 0	;
1				1		1	ı

12人 LABS。 NC. 575 Broad Hollow Road, Melville, N.Y. 117. (516) 694-3040e FAXs (系统) 69

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

13

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

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

Number TICs found: 1

1 1 1	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q .
1 1 1 1 1 1 1 1 1	1. 67-63-0 2. 3. 4. 5.	2-PROPANOL	3.42	6.	1 1
	7. 8. 9. 10. 11.	··			
	13. 14. 15. 16. 17.	•			
	19. 20. 21. 22. 23. 24.				
1 1 1 1 1 1 1	25. 26. 27. 28. 29.	•			

(To Berner Busse (Adea), (14,00,60,00,000), 14,7 - (14 - 1940), 140 - £ (20 - 10 - 10,84,0100) - EBU (3,4MBUE), 170 - ¹

A AMAINETS NAN SUSSE

VOLATILE ORGANICS ANALYSIS DATA SHEET

ab Name: H2M Contract: NYSDEC

Hab Code: H2M Case No.: CRO SAS No.: SDS No.: 327

- natrix: (soil/water) WATER -- Lab Sample ID: 9204313

ample wt/vol: 5.000 (g/mb) ML - Eab Fire for volume

Teval: (low/med) DOW Data Received: 1 5 07

Moisture: not dec. 100. Date Amalyted: 2012 vi

Molumn: (pack/cap) CAP Dilution Factor: 1.05

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Eg) UG/L

74-37-3Chloromathane	1 10. 10
74-33-9Bromomethane	10 10 17
75-01-4Vinyl Chloride	10 10
75-00-3Chloroethage	io, io i
75-09-2Methylene Chloride	. 2. 18J
67-64-1Acetone	i 10. 19 i
75-15-0Carbon Disulfide	5. 15
75-35-41.1-Dichloroethene	5
75-34-31,1-Dichloroethane	j j j
540-59-01.2-Dichloroethene (total)	5
67-56-3Chloroform	5. , 7
107-06-21,2-Dichloroethane	5
78-93-32-Butanone	10. 15
71-55-61,1,1-Trichloroethane	5. (9
56-23-5Carbon Tetrachloride	5.000
108-05-4Vinyl Acetate	10. (영 '
75-27-4Bromodichloromethane	5. (U · ·)
78-37-51,2-Dichloropropane	5. (4)
110061-01-5cis-1,3~Dichloropropene ;	5.
79-01-6Trichloroethene	5
1 124-43-1Dibromochloromethane	5. U
79-00-51,1.2-Trichloroethane	5. TU (
71-43-2Benzene :	5. (7
[10061-02-6traus-1,3-Dichloropropage]	5
75-23-2Bromoform ;	5. U ;
108-10-14-Methyl-2-Pentanone	10. (0.1)
591-78-62-Hexanone	10. 12
127-18-4Tetrachloroethene	5. (*)
79-34-51.1,2,2-Tetrachlosoechane	5. [9]
108-38-3Toluene	5. 10 .
108-90-7Chlorobenzene '	5. ; 🖰 💢
100-41-4Ethylbenzene	
100-42-5Styrene	5
1330-20-7	5. W

12 A B See No. 575 Broad Hollow Read, Merville, NY . (518) 594-3040g FAXs/Elly distributed

2S

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M Contract: NYSDEC

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

Matrix: (soil/water) WATER Lab Sample ID: 9204213

Lavel: (low/med) LOW Date Received: 2/ 6/92

% Moistura: not dec. 100. Date Analyzed: 2/12/92

Column: (pack/cab) CAP Dilution Pactor: 1.00

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

:	CAS NUMBER	COMSOUND NAME	RT	EST, CONC.		
1			=======		====	
,	1		1			
	2.		,			
	3.	· :				
5	3 .		!			
i	- •	·	;			
- !	5.	!				
1	6.		:			
- !	7.	:	,	,		
į	<u>'</u> .	:		:		
í	8.		:	:	:	
1	9.	:	!	:		
!	10.		1			
ï	11.	ı				
1		1	,		;	
į.	12.	!	!		1	
i	13.	1	. 1	:	,	
1	14.	:	:			
į	15.	į	i			
i	16.	1		í.	:	
t	17.		1			
1	,		t .		,	
	18.		j	:		
1	19.		1			
1	20.	:	1			
i	21.		i	:		
,	22.	· · · · · · · · · · · · · · · · · · ·	1			
1	24.	1	:	:	:	
	23.					
1	24.		1	:	i	
1	25.		1		1	
l I	26.	!	:	:	1	
ı	27.	1	,		;	
	23.	1	,	!		
			1	:	!	
	29.	;	,			
	30.	i	1		:	
		1	1		:	

575 Broad Hollow Road, Melville, N.Y. 1174 (516) 694-3040 FAX: (516) 694-4122

3 S

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M Contract: NYSDEC

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

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

74-87-3-----Chloromethane 10. U 74-83-9-----Bromomethane 10. ! U 75-01-4-----Viny1 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. Ų 75-34-3-----1,1-Dichloroethane 5. ¦U 540-59-0----1,2-Dichloroethene (total) 21. 5. 67-66-3-----Chloroform 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. : ប 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 U 5. 79-00-5----1,1,2-Trichloroethane l U 5. 71-43-2----Benzene 5. ! U 10061-02-6----trans-1,3-Dichloropropene 5. U! 75-25-2----Bromoform ; U 5. 108-10-1----4-Methyl-2-Pentanone 10. ! U 591-78-6----2-Hexanone 10. ; U

13.

5.

5.

5.

5.

5.

5.

: U

¦ U

¦ U

! U

; U

¦ U

127-18-4----Tetrachloroethene

108-90-7-----Chlorobenzene '

100-41-4-----Ethylbenzene

1330-20-7-----Xylene (total)

108-88-3-----Toluene

100-42-5-----Styrene

79-34-5----1,1,2,2-Tetrachloroethane

1575 Broad Hollow Road, Melville, N.Y. 117 (516) 694-3040g 序AXs(系统) 694-4623

3\$

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: 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

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

Number TICs found: 0

,		1	ı	(1
1 1	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	1.				
	3.				
1	5. 6.		,	 	
1	7 . 8 .				
-	9.				

	1 4		i ·	•		i	i	1	1
	; 3	•	;			1	! !	1 1	
	4	•	1			1 .	; !	1 1	,
	5		1			1) [1 1	
	6.		1			1	1 1	1 1	
	7.		: .			1	! !	1 1	
1	8.		1			1	! !	1 1	
	9.	•	!			:	l I	! ! !	
	10.		1					[]	
ď	11.		1			1		: :	
1	12.	• •	1			1		: :	
1	13. 14.	•	;					1 1	
	14.	•	1		·.		- :		
إ	15. 16.	•	1		•				
	16.	•						1	
:	17. 18.	•	į					i i	
į	18.	•	i						
i	19.	•	į			1		: :	
1	20.	•	i			1		, t	
1	21. 22.	•	!			1		1 1	
- 1	23.	•	1					!	
-	24.	•	1						
1	25.		!					į	
ij	26.								
į	27.		•						
į	28.		1			1			
i	28. 29.		1			i 7		1	
i	30.		!		•) 	!		
			1			1		:	

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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELDBLK

Lab Name: H2M Contract: NYSDEC

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:

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

	- · · · · · · · · · · · · · · · · · · ·		`	
	1	1	;	1
	74-87-3Chloromethane	10.	· [ប	į
	74-83-9Bromomethane	10.	ับ	į
	75-01-4Vinyl Chloride	10.		ì
	75-00-3Chloroethane	10.		i
	75-09-2Methylene Chloride		BJ	į
	67-64-1Acetone	10.		į
	75-15-0Carbon Disulfide	5.	Ü	į
	75-35-41,1-Dichloroethene	5.	Ü	i
	75-34-31,1-Dichloroethane	5.	Ŭ	
	540-59-01,2-Dichloroethene (total)	5.	Ü	i
	67-66-3Chloroform	5.	Ü	
	107-06-21,2-Dichloroethane	5.	Ŭ	1
	78-93-32-Butanone	10.	•	ì
	71-55-61,1,1-Trichloroethane	5.	•	;
	56-23-5Carbon Tetrachloride	5.		1
	108-05-4Vinyl Acetate	10.		!
	75-27-4Bromodichloromethane	5.	-	į
	78-87-51,2-Dichloropropane	5.		;
1	10061-01-5cis-1,3-Dichloropropene	5.	Ū	i
	79-01-6Trichloroethene	5.	Ū	į
	124-48-1Dibromochloromethane	5.	U	į
	79-00-51,1,2-Trichloroethane	5.	U	i
1	71-43-2Benzene	5.	U	İ
	10061-02-6trans-1,3-Dichloropropene	5.	U	!
	75-25-2Bromoform	5.	¦ U	1
;	108-10-14-Methyl-2-Pentanone	10.	¦ U	;
;	591-78-6- - 2-Hexanone	10.	¦ U	;
;	127-18-4Tetrachloroethene	5.	ូប	1
,	79-34-51,1,2,2-Tetrachloroethane	5.	¦	1
,	108-88-3Toluene	5.	¦ ប	!
;	108-90-7Chlorobenzene '	5.	់ ប	ŀ
:	100-41-4Ethylbenzene	5.	¦ U	l I
1	100-42-5Styrene	5.	¦ ប	-
;	1330-20-7Xylene (total)	5.	¦ U	1
1			1	:

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M Contract: NYSDEC FIELDBLK

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

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

1	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	1
1	1.		f i i		1 1 1 1 1 1	1
1	2. 3.					
į	4.					,
1	5.				!	
1	6.					
	7. 8.					
i	9.					
!	10.					
1	11.				i	
1	13.					
į	14.			1	i	
1	15.	,		1		
;	16.		i	i	i	
1	18.					
į	19.				!	
1	20.			i I	į	
1	21.				:	
i	23.	;				
1	24.		i	;		
į	25. 26.	!		;		
-	27.		1 1	; :	i	
1	28.		t •	† 1		
i	29. 30.				1	
!	30,				ļ	

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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M Contract: NYSDEC FIELDBLK

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

COMPOUND

Lab File ID: V3453

Level: (low/med) LOW

Date Received: 2/ 7/92

% Moisture: not dec. 100.

CAS NO.

Date Analyzed: 2/13/92

Column: (pack/cap) CAP

Dilution Factor:

1.00

CONCENTRATION UNITS:

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

-	, 00/2	٧
		1 1
74-87-3Chloromethane	10.	117
74-83-9Bromomethane	10.	
75-01-4Vinyl Chloride	10.	111
75-00-3Chloroethane	10.	11
75-09-2Methylene Chloride	2.	'BT '
67-64-1Acetone	10.	111
75-15-0Carbon Disulfide	5.	Ü
75-35-41,1-Dichloroethene	5.	U
75-34-31,1-Dichloroethane	5.	ן ט
540-59-01,2-Dichloroethene (total)	5.	ן ט
67-66-3Chloroform	5.	ָּטְׁלֶּ
107-06-21,2-Dichloroethane	5.	U
78-93-32-Butanone		U
71-55-61,1,1-Trichloroethane		Ü
56-23-5Carbon Tetrachloride		U
108-05-4Vinyl Acetate		U
75-27-4Bromodichloromethane		ָּ֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖
78-87-51,2-Dichloropropane		U
10061-01-5cis-1,3-Dichloropropene		Ü
1 79-01-6Trichloroethene !		Ü
124-48-1Dibromochloromethane		Ū
79-00-51,1,2-Trichloroethane		U
; 71-43-2Benzene ;		U
10061-02-6trans-1,3-Dichloropropene	5.	\U .
75-25-2Bromoform	5.	¦υ ¦
108-10-14-Methy1-2-Pentanone	10.	[U]
591-78-62-Hexanone		¦U ¦
127-18-4Tetrachloroethene		!ប !
79-34-51,1,2,2-Tetrachloroethane		; U ;
108-88-3Toluene		(ប ;
108-90-7Chlorobenzene '		: ប
100-41-4Ethylbenzene		U ;
100-42-5Styrene		U
1330-20-7Xylene (total)	5.	U
		; ;

575 Broad Hollow Road, Melville, N.Y. 11741 (219) 684-3040E FYX 8(874) 654-4135

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M Contract: NYSDEC FIELDBLK

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

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

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
3.		1		
5.		i .		
6.				
8.				
9.				
11.				1
; 13.				
14.	•			1
16.				
18.				1
19.			į	!
21.		1	!	1
; 23.		1		į
24.		i		
26.		1		i :
28.			1	1
29. 30.	,	!		:

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLK.

Lab Name: H2M Contract: NYSDEC

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

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

74-87-3------Chloromethane ; U 10. 74-83-9-----Bromomethane 10. ! U 75-01-4-----Viny1 Chloride 10. ; U

75-00-3-----Chloroethane ¦ U 10. 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. t U 75-34-3----1,1-Dichloroethane 5. ¦U

540-59-0----1,2-Dichloroethene (total) ! ប 67-66-3-----Chloroform 5.

: U 107-06-2----1,2-Dichloroethane ! U 5.

78-93-3-----2-Butanone 10. ¦ U 71-55-6----1,1,1-Trichloroethane 5. ¦ U

56-23-5-----Carbon Tetrachloride ¦ U , 5. 108-05-4------Vinyl Acetate 10. ! U

75-27-4----Bromodichloromethane 5. ! ប 78-87-5----1,2-Dichloropropane ! U

5. 10061-01-5----cis-1,3-Dichloropropene ¦ U

79-01-6----Trichloroethene 5. ; ប

124-48-1----Dibromochloromethane 5. ¦ U 79-00-5----1,1,2-Trichloroethane ¦ U 5.

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

127-18-4----Tetrachloroethene 5. ¦U

79-34-5----1,1,2,2-Tetrachloroethane 5. U 108-88-3-----Toluene 5. ¦Մ

108-90-7-----Chlorobenzene ' ¦ U 5. 100-41-4-----Ethylbenzene 5. . U

100-42-5-----Styrene 5. : U 1330-20-7-----Xylene (total) ¦ប

575 Broad Hollow Road, Melville, N.Y. 1174 (516) 694-3040 FAXS (克拉的 624-张设?

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

TRIPBLK.

Lab Name: H2M

Contract: NYSDEC

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	! !
i	=======================================		=======	=======================================	=====	i
i	1.	1 1	1		1	ĺ
;	2.	1 1	i i			ì
1	3.	! !	1		1	ı
1	4.	1) !		1	,
1	5.	1				ı
1	6.	,) 		· 1	1
i	7.		1	:	1	
į	8.				!	
i	9.				ļ	
:	10.					
į	11.				į	
- !	12.	·			:	
;	13.				į	
ij	14.				į	
1	15.	•		,	į	
- ;	16.				į	
1	17.					
ť	18.			·	į	
1	19.					
-	20.				į	
,	21.				į	
¦	22.				į	
1	23.				į	
1	24.				:	
1	25.	;			į	
t	26.	;			į	
1		i		1	- ;	
1	27.			1	!	
1	28.	·			t 1	
i	29.	,			1	
i	30.		1	;	i 1	

August Thomsen
Soil and Groundwater
Laboratory Results

VOLATILE ORGANICS ANALYSIS DATA SHEET

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

SGP@#5 _ab Name: H2M Contract: NYSDEC Lab Code: H2M Case No.: CRO SAS No.: SDG No.: 001 latrix: (soil/water) SOIL Lab Sample ID: 9133932 Sample wt/vol: 4.200 (g/mL) G Lab File ID: P7477 .evel: (low/med) LOW Date Received: 11/25/91 " Moisture: not dec. 6. Date Analyzed: 12/ 2/91 Jolumn: (pack/cap) CAP Dilution Factor: 1.19 CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG

	1	t	1	ı
	74-87-3	13.	. U	1
	74-83-9Bromomethane	13.	Ü	1
	75-01-4Vinyl Chloride	13.	Ü	i
	75-00-3Chloroethane	13.	, U	!
	75-09-2Methylene Chloride	6.	; U	ì
	67-64-1Acetone	13.	U	1
	75-15-0Carbon Disulfide	6.	U	1
	75-35-41,1-Dichloroethene	6.	Ü	1
	75-34-31.1-Dichloroethane	6.	U	;
	540-59-01,2-Dichloroethene (total)	6.	. U	1
	67-66-3Chloroform	6.	. U	1
	107-06-21.2-Dichloroethane	6.	. U	1
	78-93-32-Butanone		. U	1
	71-55-61,1,1-Trichloroethane	6.	์ เบ	;
	56-23-5Carbon Tetrachloride	6.	U	!
	108-05-4Vinyl Acetate	13.	Ü	!
	75-27-4Bromodichloromethane		U	!
	78-87-51.2-Dichloropropane		. U	!
į	10061-01-5cis-1,3-Dichloropropene	6.	Ū	:
	79-01-6Trichloroethene		Ŭ	:
1	124-48-1Dibromochloromethane		บ	i
į	79-00-51,1,2-Trichloroethane		 . U	į
i	71-43-2Benzene	•	U	i
	10061-02-6trans-1,3-Dichloropropene	•	ับ	i
į	75-25-2Bromoform	•	ับ	:
	108-10-14-Methy1-2-Pentanone	-	U	i
	591-78-62-Hexanone		U	į
;	127-18-4Tetrachloroethene		U	
1	79-34-51,1,2,2-Tetrachloroethane	6.	U	
;	108-88-3Toluene		U	
;	108-90-7Chlorobenzene	6.	U	
1	100-41-4Ethylbenzene	6.	U	1
ţ	100-42-5Styrene	6.	U	1
1	1330-20-7Xylene (total)	6.	U	1
;				

VOLATILE ORGANICS ANALYSIS DATA SHEET

575 Broad Hollow Road, Melville, NY 11747 (516) 694-304BAFAXXYPIGF69404122

TENTATIVELY IDENTIFIED COMPOUNDS

SGPQ#5

Lab Name: H2M

Contract: NYSDEC

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

revel: (low/med) LOW

Date Received: 11/25/91

" Moisture: not dec. 6.

Date Analyzed: 12/ 2/91

olumn: (pack/cap) CAP

Dilution Factor: 1.19

CONCENTRATION UNITS:

Number TICs found:

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
	=======================================		=======	=======================================	=====:	
	1.	1	1			
1	2.	1	1 2			
	3.	1 1			į.	
	4.	1	!		į	
1	5.		1		i	
ı	6.		1			
	7,				į	
i	8.				į	
1	9.				•	
	10.					
	11.					
1	12.					
•	13.			į		
	14.					
	15.			į	!	
:	16.					
	17.				1	
	18.					
				į		
i	19. 20.					
	21.			į		
	22.			į	;	
ί	23.			i	į	
	24.	<u> </u>	1	1	į	
	25.	: :		i	į	
	26. 27.	! !	;	; 1	-	
•	27.		! :	1 	1	
	28.	! !	1	!	1	
	29.	!	1	1 1	1	
;	30.	: :	i I	1	1	
		l l	i	. 1	i	

FORM I VOA-TIC

1/87 Rev.

THE SECOND SECON

Lab Date (21) BB 181. CentractiffCasEC

. 보고 (Participal) - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1

Matrick Capilobates - Soit .ab Namole (D: 915 - 45

Samule of coast and also are also be ELD File (D) (16 +17

- Date Received: 11 2 -91

% lasture: each decut? Date Analyzed: 12 % 91

Column: Tradicionad 5.44 Dilution Factor: 1.6

	eeE fu£.	CONSTRUCTED	CUMBERANT(ON (uail on ua Y			G .
:		floorene theory		13.	!	
1	7 207202.2	Bromomethane	,	13.	11.	1
,	1 - J	Urnel Chiaride_		15.		1
í	75-00-3	Chloroethane		13.	11.1	i
1	Manager Land	Molhylene_Chlor	:de	6.	11.	,
i	67-63-1	Acetone		13.	111	!
í	** 1 ¹² - 11	Euraban Digulfid	e	 6.	113	i
i	75-35-4	l.l-Dichloroeth	ene	6.	10	i
i	29-34-3	1,1-Dichleroeth	ānē	ó.	111	
1	540-59-0	1,2-Dichlorosth	ene (total)	6.	111	Í
		Dhiloroform		ó.	11.	1
1		1,2-Dichloroeth		6.	HU	1
1	78-93-3	2-Sutanone		13.	10	1
1	71-55-6	1,1,1-Trichlore	ethanei	ó.	11	1
1	56-23-5	Carbon Tetrachl	oridel	6.	10	1
1	108-05-4	Uinyl Acetate		13.	HJ	1
		Bromodichlorome		6.	10	!
		1,2-Dichloropro		6.	HJ	i
.[10061-01-5	cis-1,3-Dichlore	opropenel	6.	1U	1
		Trichlorosthene		6.	ΙU	1
		Dibromochlorome		6.	ł Li	i
		1,1,2-Trichloro		6.	Ш	1
I		Benzene		6.	ŧυ	1
1		trans-1,3-Dichle		6.	ŧυ	1
		Bromoform		6.	10	1
I		4-Methyl-2-penta		13.	Ηij	1
1	<i>591−23~6−−−−</i>	2-Hexanone		13.	143	1
		Tetrachloroether		ó.	ш	1
		1 ,1,2,2-letrach.		6.	TU:	1
1	108-88-3	Toluene		6.	ΙU	1
1	100-90-2	Chlorobanzena		6.	14.3	1
1	100-41-4	Ethylbenzene		6.	HU	1
!	100-42-5	Styrens		ģ.	10	1
1	エンジャリピーノネーニー	Xylene (total)		6.	117	1
1_					۱	

lΞ UCLATILE OPGANICS AMALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA	SAMPLE	NIJU
1	31	
TSGP@⊲ T	23	Í

Lab Mame: H2M LARS INC.

Contract:NYSDEC

Matrix: (soil/water) SOIL

Lab Sample ID: 9133933

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

Lab File ID: →P7473

Lavel: (low/med) LOW

Date Received: 11/25/91

% Maisture: not dec.12

Date Analyzed: 12/02/91

Calumn: CAP

Dilution Factor: 1.00000

CONCENTRATION UNITS:

Number TICs found: 11 (ug/L or ug/Kg) ug/Kg

I CAS NUMBER	COMPOUND NAME	I RT	I EST. CONC. I G	—— 1
	= = = = = = = = = = = = = = = = = = =		* * = = = = = = = = = = =	·==
1.	lUnknown	11.21	34. I J	
1 2.	IUnknown	12.07	6. I J	
1 3.	LUNKNOWN HYDROCARBON	12.70	12. I J	
1 4.	TUNKNOWN HYDROCARBON	13.18	53. I J	
1 5.	TUNKHOWH CYCLIC CPO.	1 13.41 1	58. I J	
l ó.	LUNKNOWN HYDROCARBON	13.72	54. I J	
l フ.	IUNKNOWN HYDROCARBON	l 14.22 l	190. I J	
18.	LUNKNOWN HYDROCARBON	1 14.45 1	220. I J	
9.	LUNKNOWN HYDROCARBON	15.01	520. I J	
10.	LUNKNOWN HYDROCARBON	15.30	140. I J	
11.	LUNKHOWH HYDROCARBOH	16.11	480. I J	
12			I	
13			1	
			<u> </u>	!
			11	
16		I	! <u></u> !	'
17	_	I		!
18		·!		!
				<u>!</u>
		!		!
21	_ [!		!
22				— !
				<u> </u>
				
				— '
				— ¦
27				—¦
28	_			¦
29. 30.				— ¦
Ju	_1		1	— ;

VOLATILE ORGANICS ANALYSIS DATA SHEET

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

SGP@#31

Lab Name: H2M Contract: NYSDEC

CAS NO.

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

COMPOUND

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

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

		,, ,	,	
		!	1	!
	74-87-3Chloromethane	13.	U	
	74~83-9Bromomethane	13.	U	i
	75-01-4Vinyl Chloride	13.	U	
	75-00-3Chloroethane	13.	U	i
	75-09-2Methylene Chloride	6.	Ü	į
	67-64-1Acetone	13.	Ü	;
	75-15-0Carbon Disulfide	6.	Ū	i
	75-35-41,1-Dichloroethene	6.	Ū	;
	75-34-31.1-Dichloroethane	6.	Ü	1
	: 540-59-01,2-Dichloroethene (total)	6.	Ü	;
	67-66-3Chloroform	6.	Ü	į
	107-06-21,2-Dichloroethane	6.	Ü	i
	78-93-32-Butanone	13.	Ü	í
	71-55-61,1,1-Trichloroethane	6.	U	i
	56-23-5Carbon Tetrachloride	6.	U	į
	108-05-4Vinyl Acetate	13.	U	į
	75-27-4Bromodichloromethane	6.	¦ U	1
	78-87-51,2-Dichloropropane	6.	U	1
	10061-01-5cis-1.3-Dichloropropene	. 6.	¦ U	1
	79-01-6Trichloroethene	6.	; ប	ì
	124-48-1Dibromochloromethane	6.	¦ U	1
	79-00-51,1,2-Trichloroethane	6.	, U	!
	71-43-2Benzene	6.	¦ U	1
	10061-02-6trans-1,3-Dichloropropene	6.	¦ U	:
	75-25-2Bromoform	•	, ប	!
	108-10-14-Methyl-2-Pentanone		U	!
	591-78-62-Hexanone	:	U	1
	127-18-4Tetrachloroethene		U	!
	79-34-51,1,2,2-Tetrachloroethane	•	U	
	108-88-3Toluene	•	U	:
	108-90-7Chlorobenzene	-	U	i
	100-41-4Ethylbenzene	*	U	i
	100-42-5Styrene	•	U	
	1330-20-7Xylene (total)	6.	U	i
-				

VOLATILE ORGANICS ANALYSIS DATA SHEET

- 575 Broad Hellow Road, Melville, 24 h - 11747 (\$16) 694-3保護内外外別保護6242422

TENTATIVELY IDENTIFIED COMPOUNDS

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

folumn: (pack/cap) CAP

Dilution Factor: 1.14

Number TICs found: 12

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

1	CAS	NUMBER		t 	COMPOUND NAME	RT	EST. CONC.	Q	1
	=====	=======	===	;======:		=======	==========	=====	!
	1.	-	- 1	UNKNOWN	HYDROCARBON	11.20	20.	J	
1	2.	-	- ;	UNKNOWN	CYCLIC CPD.	11.70	8.	J	i
1	3.	-		UNKNOWN		12.06	8.	J	1
	4.	-			CYCLIC CPD.	12.70	8.	J	1
:	5.	_		UNKNOWN	HYDROCARBON	13.19	60.	J	
į	6.	_		UNKNOWN		13.42	50.	J	1
	7.	_	-		HYDROCARBON	13.73	60.	J	
	8.	_	- :		HYDROCARBON	14.44	300.	J	f
į	9.	-	- !		HYDROCARBON	15.02	700.	J	ı
i	10.	_			HYDROCARBON	15.30	200.	J	ī
	11.	-	,		CYCLIC CPD.	15.77	400.	J	1
:	12.	_	- !		HYDROCARBON	16.11	600.	J	i
!	13.		ì						i
	14.		į						1
	15.		į				į	į	
1	16.		i					į	
;	17.		į				j	,	
	18.		i					ļ	
i	19.		į						
į			į						
	21.		į					į	
	22.		- 1				į	1	
1	23.		1				į	i	
,	24.		1		:	, ,		į	
	25.		‡ 1		;		i	į	
í	26.		1		:	:			
:	27.		1		}	1			
	28.		!					!	
,	29.		1		;	;		t I	
1	30.				i	;	;		
			1		;	:		:	

FORM I VOA-TIC

1/87 Rev.

(516) 694-3040 FAX. (516) 694-4122 EPA SAMPLE NO. VOLATILE ORGANICS ANALYSIS DATA SHEET

SGP@#33

575 Broad Hollow Road, Melville, N.Y. 11747

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

evel: (low/med) LOW

Date Received: 11/25/91

% Moisture: not dec. 7.

Date Analyzed: 12/ 2/91

Jolumn: (pack/cap) CAP

Dilution Factor: 1.00

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

CAS NO. COMPOUND

	1 1	1	!	!
	74-87-3 - Chioromethane	11.	ប	į
	74-83-9Bromomethane	11.	Ü	:
1	75-01-4Vinyl Chloride	11.	ប៉	1
1	75-00-3Chloroethane	11.	. U	1
į	75-09-2Methylene Chloride	5.	U	1
;	67-64-1Acetone	11.	. U	1
i	75-15-0Carbon Disulfide	5.	, U	1
i	75-35-41,1-Dichloroethene		•	1
1	75-34-31,1-Dichloroethane	5.	, U	i
1	540-59-01,2-Dichloroethene (total)	5.	U	1
;	67-66-3Chloroform	5.	U	i
1	107-06-21,2-Dichloroethane	5.	¦ U	į
,	78-93-32-Butanone	5.	U	į
1			U	į
1	71-55-61,1,1-Trichloroethane	5.	Ü	i
ŀ	56-23-5Carbon Tetrachloride	5.	Ü	i
1	108-05-4Vinyl Acetate		U	ì
İ	75-27-4Bromodichloromethane		U	i
į	78-87-51,2-Dichloropropane		¦ U	ı
į	10061-01-5cis-1,3-Dichloropropene		} U	i
į	79-01-6Trichloroethene	; 5.	¦ U	i
į	124-48-1Dibromochloromethane		¦ U	1
i	79-00-51,1,2-Trichloroethane	5.	¦ U	1
ì	71-43-2Benzene	; 5.	¦ U	1
i	10061-02-6trans-1,3-Dichloropropene	;	¦ U	1
i	75-25-2Bromoform	5.	¦ U	1
ì	108-10-14-Methyl-2-Pentanone	11.	; U	ŀ
ï	591-78-62-Hexanone	11.	¦ U	1
ļ	127-18-4Tetrachloroethene	8.	1	l
¦	79-34-51,1,2,2-Tetrachloroethane	5.	¦ U	!
;	108-88-3Toluene	5.	; U	1
1	108-90-7Chlorobenzene	5.	U	1
;	100-41-4Ethylbenzene	5.	U	!
;	100-42-5Styrene	5.	¦ U	
!	1330-20-7Xylene (total)	5.	U	1
1		1 1		1

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

SGP@#33

Lab Name: H2M

Contract: NYSDEC

Cab 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

.evel: (low/med) LOW

Date Received: 11/25/91

" Moisture: not dec. 7.

Date Analyzed: 12/ 2/91

Jolumn: (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.		
		************	======	=======================================	=====	
1	1.				í	
,	2. 3.				i	
	·				i	
1	4 . 5 .	i !	i i		i	
1	6.		:		1	
	7.	 	1		1	
1	8.	:			1	
į	9.	; 			1	
	10.	! !			, ;	
,	11.			i		
i	12.				. !	
•	13.					
	14.			į	į	
1	15.			i	į	
1	16.			į	į	
	17.	!			1	
	18.	!		!	:	
1	19.		ļ	}		
	20.				-	
	21.					
i	22.	į	į	į	į	
i	23.	i I	į	į	Ì	
	24. 25.	: !	1 1	1 1	1	
	26.			;	- 1	
;	27.	!	ļ		!	
	28.	!				
	29.					
!	30.					
	1		i	j		

FORM I VOA-TIC

1/87 Rev.

CAS NO. COMPOUND

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

SGP@#37
Lab Name: H2M Contract: NYSDEC :

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

evel: (low/med) LOW Date Received: 11/25/91

" Moisture: not dec. 24. Date Analyzed: 12/ 2/91

Jolumn: (pack/cap) CAP Dilution Factor: 1.14

CONCENTRATION UNITS:

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

			•	
		!	!	!
	74-87-3Chloromethane	15.	U	1
	74-83-9Bromomethane	15.	U	÷
	75-01-4Vinyl Chloride	15.	Ü	i
	75-00-3Chloroethane	15.	Ü	i
	75-09-2Methylene Chloride	7.	Ü	į
	1 67-64-1Acetone	15.	Ü	į
	75-15-0Carbon Disulfide	7.	Ū	į
	; 75-35-41,1-Dichloroethene	7.	Ü	į
	; 75-34-31.1-Dichloroethane	7.	U	į
	540-59-01,2-Dichloroethene (total)	7.	U	i
	67-66-3Chloroform	7.	U	
	107-06-21,2-Dichloroethane	7.	ុំ ប	i
	78-93-32-Butanone	15.	! ប	1
	71-55-61,1,1-Trichloroethane	7.	¦ U	1
	56-23-5Carbon Tetrachloride	7.	¦ ប	1
	108-05-4Vinyl Acetate	15.	¦ U	;
	75-27-4Bromodichloromethane	7.	¦ ប	1
	78-87-51,2-Dichloropropane	7.	; U	1
	10061-01-5cis-1,3-Dichloropropene	7.	¦ Մ	1
	79-01-6Trichloroethene	7.	¦ U	!
į	124-48-1Dibromochloromethane	-	¦	:
	79-00-51,1,2-Trichloroethane		, n	!
i	71-43-2Benzene	-	U	!
	10061-02-6trans-1,3-Dichloropropene		U	1
į	75-25-2Bromoform	-	Ţ	!
į	108-10-14-Methy1-2-Pentanone	:	¦ U	i
	591-78-62-Hexanone		U	:
	127-18-4Tetrachloroethene	•	U	i
;	79-34-51,1,2,2-Tetrachloroethane	•	U	
1	108-88-3Toluene	•	U	i
!	108-90-7	•	U	1
1	100-41-4Ethylbenzene		U	i
1	100-42-5Styrene	:	U	
;	1330-20-7Xylene (total)	7.	ប	
1		1		

VOLATILE ORGANICS ANALYSIS DATA SHEET

575 Broad Hollow Road, Methile, N.Y. 11747 (\$16) 694-3(41) ለም.ኤ.አ.Μ.ዮ/ኤ.ዩ.6(2014) 22

TENTATIVELY IDENTIFIED COMPOUNDS

SGP@#37

Lab Name: H2M

Contract: NYSDEC

Jab 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

.evel: (low/med) LOW

Date Received: 11/25/91

"Moisture: not dec. 24.

Date Analyzed: 12/ 2/91

olumn: (pack/cap) CAP

Dilution Factor: 1.14

CONCENTRATION UNITS:

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME		EST. CONC.		
		_======================================	======	==========	:====:	
í	1.		1			
	۷٠		,) ,	1		
	3.		1			
1	4.		ī			
1		•	1		į	
	6.				ì	
	7.					
1 1	8.				į	
•	9.					
	10.		1			
	11.				j,	
"	12.				į	
	13.					
	14.					
	15.	·				
	16.					
	17.			 	1	
	18.	!		· · · · · · · · · · · · · · · · · · ·	1	
•	19. 20.		!	;	;	
	21.	;	1		1	
	22.			,		
	23.	•			į	
	24.					
	25.				i	
	0.6			į	:	
:	27.			į	į	
	28.				j	
	29.		į	·	į	
•	30.		1	i	į	
	i		į		į	

FORM I VOA-TIC

1/87 Rev.

575 Broad Hollow Road, Melville, N.Y., 1747 (516) 594-3040 FAX: (516) 694-4122 EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELDBLK Tab Name: H2M Contract: NYSDEC ab Code: H2M Case No.: URO SAS No.: SDG No.: 001 atrix: (soil/water) WATER Lab Sample ID: 9133937 sample wt/vol: 5.000 (g/mL) MLLab File ID: P7422 evel: (low/med) LOW Date Received: 11/25/91 % Moisture: not dec. 100. Date Analyzed: 11/27/91 lumn: (pack/cap) CAP Dilution Factor: 1.00 CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 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 ¦ U 5.

1330-20-7-----Xylene (total)

¦ U

VOLATILE ORGANICS ANALYSIS DATA SHEET

375 Broad Horlow Road, Merville, NY 11747 (316) 694-3(明)AF系為有別級所統第44122

PIELDELK

Lab Name: H2M

Contract: NYSDEC

ab Code: H2M

Case No.: CRO

SAS No.:

SDG No.: 001

Matrix: (soil/water) WATER

Lab Sample ID: 9133937

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

TENTATIVELY IDENTIFIED COMPOUNDS

Lab File ID: P7422

revel: (low/med) LOW

Date Received: 11/25/91

Moisture: not dec. 100.

Date Analyzed: 11/27/91

olumn: (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.		t f !	t i	f f
	4.		1 f I	1 1 1	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
_	5.		! 1 !	! !	† 1 1
	. 6. 7.		1 1 1] 	, I 1
	8.	•	 	! ! !	1 1 1
•	, 9. ' 10.	·		i 1 1	
	11.			1 1	i i i
***	12.				i i 1 I
	14.] 	I I I I
-	15.		! !	! !) ; [
	' 17.		1 1 1	 	1 1 1 1
	18. 19.	·		 	
***	20.				
	22.		÷		
**	23.				
	25.				
-	26. ! 27.				
	28.				; ; ;
_	29.				
_					1 1

FORM I VOA-TIC

1/87 Rev.

VOLATILE ORGANICS ANALYSIS DATA SHEET

575 Broad Hoslow Road, Melville, N.Y. 11747 (516) 694-3040 FAX: (516) 594-4122 EPA SAMPLE NO.

TRIPBLK

ab Name: H2M Contract: NYSDEC

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

atrix: (soil/water) WATER Lab Sample ID: 0133938

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: P7423

evel: (low/med) LOW Date Received: 11/25/91

" Moisture: not dec. 100. Date Analyzed: 11/27/91

olumn: (pack/cap) CAP Dilution Factor: 1.00

CONCENTRATION UNITS:

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

		1	1	!
	74-87-3Chloromethane	10.	¦ U	1
	74-83-9Bromomethane	10.	¦ U	1
	75-01-4Vinyl Chloride	10.	¦ U	!
	75-00-3Chloroethane	10.	; U	1
	75-09-2Methylene Chloride	5.	¦ U	1
	67-64-1Acetone	10.	¦ U	1
	75-15-0Carbon Disulfide	5.	¦ U	!
	75-35-41,1-Dichloroethene	; 5.	U	1
	75-34-31,1-Dichloroethane	5.	¦ U	1
	540-59-01.2-Dichloroethene (total)	5.	¦ U	1
	; 67-66-3Chloroform	5.	¦ U	1
	107-06-21,2-Dichloroethane		¦ U	1
	78-93-32-Butanone	10.	U	1
	71-55-61,1,1-Trichloroethane	5.	¦ U	1
	56-23-5Carbon Tetrachloride		¦ U	1
	108-05-4Vinyl Acetate	10.	¦ U	1
	75-27-4Bromodichloromethane	5.	¦ U	!
	78-87-51,2-Dichloropropane	5.	U	1
	10061-01-5cis-1,3-Dichloropropene	; 5.	¦ U	1
	79-01-6Trichloroethene	; 5.	¦ U	1
	124-48-1Dibromochloromethane	5.	ប	1
	79-00-51,1,2-Trichloroethane	; 5.	¦ U	1
	71-43-2Benzene	5.	; U	1
	10061-02-6trans-1,3-Dichloropropene		U	1
1	75-25-2Bromoform		U	!
	108-10-14-Methyl-2-Pentanone		¦ ប	!
	591-78-62-Hexanone		U	1
	127-18-4Tetrachloroethene		U	1
	79-34-51,1,2,2-Tetrachloroethane	5.	Ü	1
	108-88-3Toluene		Ü	:
i	108-90-7Chlorobenzene		U	ŀ
	100-41-4Ethylbenzene		U	1
1	100-42-5Styrene		U	1
į	1330-20-7Xylene (total)	5.	U	!
i		1		ì

H2MLABS, INC. VOLATILE ORGANICS ANALYSIS DATA SHEET

575 Broad Hollow Road, Meiville, N.Y. 11747 (516) 694-3個的AF系統例到每個的AP

TRIPBLK

Tab Name: H2M Contract: NYSDEC

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

TENTATIVELY IDENTIFIED COMPOUNDS

atrix: (soil/water) WATER Lab Sample ID: 9133938

ample wt/vol: 5.000 (g/mL) ML Lab File ID: P7423

evel: (low/med) LOW Date Received: 11/25/91

Moisture: not dec. 100. Date Analyzed: 11/27/91

olumn: (pack/cap) CAP Dilution Factor: 1.00

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

	CAS NUMBER	}	 	COMPOUND	NAME	RT	EST.	CONC.	Q	t t
-	1.	!	UNKNOWN	HYDROCARB	ON	6.50		10.	J	1 1 1
	2. 3.	1 2	1			 	í 1 1		; ;	1
-	4. 5.	!				 	(1 1 4	1
	6.	į				! !	! !		! !	1
•	7. 8.	1				1 1 1] 		 	1
!	9. 10.						1 (!		! ! !	1
-	11.	,								!
•	12. 13.	!				1	1 1 1			!
-	14. 15.						: 1 1			1
'	16. 17.	į				1	 			ł !
_	18.						 			
	19. 20.	į								1
	21.	1					1 1 1			
_ '	23. 24.) 6
	25.									
	26. 27.									1
	28. 29.	!]
,	30.	į								•

FORM I VOA-TIC

1/87 Rev.

H2MLABS.INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

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

SDG No.: CROCIC

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

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

CAS NO. COMPOUND

CHS NO.	(4972 01 49	
74-87-3	Chloromethane	12. U
74-83-9	Bromomethane	12. U
75-00 - 3	Chloroethane	12. U
75-09-2	Methylene Chloride	6. U
67-64-1	Acetone	
75-15-0	Acetone Carbon Disulfide	6. U
75-35-4	1,1-Dichloroethene	6. U
	1,1-Dichloroethane	
540-59-0	1,2-Dichloroethene (total)	
47-44-3	Chloroform	6. U
107-06-3	Chloroform	6. U
70.03-2		9. J
/8-93-3	2-Butanone	6. U
. /1-55-6	Carbon Totrochlorido	6. U
56-23-5	Carbon Tetrachloride	
108-05-4	Vinyl Acetate	·
	Bromodichloromethane	
	1,2-Dichloropropane	
10061-01-5	cis-1,3-Dichloropropene	6. 10
79-01-6	Trichloroethene)
	Dibromochloromethane	
	1,1,2-Trichloroethane	
71-43-2	Benzene	6. U
10061-02-6	trans-1,3-Dichioropropene	6. U
75-25-2	Bromoform 4-Methyl-2-Pentanone	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	.,
	Chlorobenzene	
	Ethylbenzene	
100-42-5	Styrene	6. U
1330-20-7	Xylene (total)	6 S 0015

575 Bread Hollow Read, Melville, N.Y. 1174 (516) 694-3040 FAX. (516) 694-4122

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO

Lab Name: H2M

Contract: NYSDEC

Lab Code: HZM Case No.: CRO SAS No.: SDG No.: CRO010

Matrix: (soil/water) SCIL

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

Number TICs found: 0

Dilution Factor: 1.00

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

CAS NUMBER COMPOUND NAME RT EST. CONC. Q 10.____ 19.____ 29.____

H2M LABS. NC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MU2A

Lab Name: H2M

Contract: NYSDEC

Lab Code: HZM Case No.: CRO SAS No.: SDG No.: CROO10

Matrix: (soil/water) SCIL

Lab Sample ID: 9202515

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

591-78-6----2-Hexanone_____

108-88-3----Toluene ____

100-42-5----Styrene

127-18-4----Tetrachloroethene

108-90-7----Chlorobenzene _____

100-41-4----Ethylbenzene____

1330-20-7-----Xylene (total)_____

79-34-5----1,1,2.2-Tetrachloroethane ___

Lab File ID: P8040

Level: (low/med) LOW

Date Received: 1,23/92

% Moisture: not dec. 12.

Date Analyzed: 1/23/92

11.

43,

5.

5.

36.

¦ U

U

U

0037

Column: (pack/cap) CAP

Dilution Factor: .94

CONCENTRATION UNITS:

COMPOUND CAS NG. (ug/L or ug/Kg) UG/KG 74-87-3----Chloromethane ______ 11. ! U 74-83-9-----Bromomethane___ 11. Ü 6. 75-01-4-----Vinyl Chloride___ 75-00-3-----Chloroethane____ 11. U 75-09-2----Methylene Chloride_____ 5. 67-64-1----Acetone _ 25. 75-15-0-----Carbon Disulfide__ 5. ŀυ 75-35-4----1,1-Dichloroethene_____ 5. ; U U 75-34-3--**-**---1,1-Dichloroethane_____ 5. 540-59-0----1,2-Dichloroethene (total)___ 10. 67-66-3-----Chloroform____ 5. U 107-06-2----1,2-Dichloroethane____ 5. ¦υ 78-93-3----2-Butanone_____ 11. 71-55-6----1,1,1-Trichloroethane ____ 5. ¦ U 5. 56-23-5----Carbon Tetrachloride____ U 11. U 108-05-4-----Vinyl Acetate _____ 5. 75-27-4----Bromodichloromethane____ 5. 78-87-5----1,2-Dichloropropane _ 5. 10061-01-5----cis-1,3-Dichloropropene _____; U 79-01-6----Trichloroethene _____ 5. U 124-48-1-----Dibromochloromethane____ 79-00-5----1,1,2-Trichloroethane ____ ίU 5. ¦U 71-43-2----Benzene 10061-02-6-----trans-1,3-Dichloropropene 5. U 5. U 75-25-2----Bromoform _ U 108-10-1-----4-Methyl-2-Pentanone_ 11.

FZMLABS, INC.

575 Broad Hollow Ruid, Metrille, N.Y. 1172 (516) 694-3040 | F.A.K. (515) 594-4122

MWZA

\$0G No.: CR8010

EPA SAMPLE NO.

1Ξ

VCLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M Contract: NYSDEC

Matrix: (soil/water) SOIL

Lab Sample ID: 9202513

Sample wt/vol: 5.300 (g/mL) G Lab File ID: P8040

Lavel: (low/med) Low

Date Received: 1/23/92

% Moisture: not dec. 12.

Date Analyzed: 1/23/92

Column: (pack/cap) CAP

Dilution Factor: .94

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	NKNOMN		5.	; ====
2 !	NKNOMN	13.87		, J
· · · · · · · · · · · · · · · · ·	UKnown			بر ا
4	11Kin own			- نبر
5	(Likingwi)			 ا
5	lakin ciin	12.68	29.	—
	in known	14.17		-
	Colknown		33	
8	nkingun			<u> </u>
	li Known	14.93		
1	ukinegen	1 1		
2	i.Kinnuh	16.13	18	
3	CONTROL TOWN	1 70 77		
4		! !		
4			<u> </u>	
6		 !:		
7		- ¦	1	
<u> </u>		!!		
8				
9				
0				
1				
3				
4				
5			<u>-</u>	
5				
7			1	
3.				
9				
ó		<u> </u>		

CAS NO. COMPOUND

1A VOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NC.

FIELDELK

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

CONCENTRATION UNITS:

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

74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	
75-01-4	Vinyl Chloride	10.	
75-00-3	Chloroethane	10.	
75-09-2	Methylene Chloride	5.	
67-64-1			
75-15-0	Acetone	5.	
75-15-0	1 1-Dichlereethere	5.	
75-35-4	1,1-Dichloroethene	5.	
75-34-3	1,1-Dichloroethane 1,2-Dichloroethene (total)		
			U
6/-66-3	Chloroform 1,2-Dichloroethane	5.	
78-93-3	2-Butanone 1,1,1-Trichloroethane	10.	
71-55-6	1,1,1-Trichloroethane	4.	BJ
	Carbon Tetrachloride		
108-05-4	Vinyl Acetate	10.	
	Bromodichloromethane		
	1,2-Dichloropropane	5.	
	cis-1,3-Dichloropropene		
	Trichloroethene		
124-48-1	Dibromochloromethane		
79-00-5	1,1,2-Trichloroethane	5.	{U }
71-43-2	Benzene	¦ 5.	\U
0061-02-6	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.	¦υ ;
127-18-4	Tetrachloroethene	5.	;U ;
	1,1,2,2-Tetrachloroethane		U
	Toluene	*	U
	Chlorobenzene		
	Ethylbenzene		111
	Styrene	•	5 003
1220-20-7	Xylene (total)		111

H2M LABS, IN(

575 Broad Hollow Road, Meiville, N.Y. 11-(516) 694-3040 FAX. (516) 694-4122

1Ε

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELDELK

Lab Name: H2M

Case No.: CRO SAS No.:

Contract: NYSDEC

SDG No .: 010

Lab Code: H2M

Matrix: (soil/water) WATER

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

Lab File ID: P8050

Lab Sample ID: 9202610

Lavel: (low/mad) LOW

Date Received: 1/23/92

% Moisture: not dec. 100.

Date Analyzed: 1/24/92

Column: (pack/cap) CAP

Dilution Factor: 1.00

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

Number TICs found: 10

	NUMBER	<u> </u>	COMPOUND NAME			
1.			UNKNOWN HYDROCARBON _	'	30.	¦=== ¦ J
2.	-		UNKNOWN HYDROCARBON _		6.	J
З.			UNKNOWN HYDROCARBON _		7.	J
4.	_		UNKNOWN HYDROCARBON _		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		50.	J
l1			l 			
.2						
L3						
. 4				1		
l5					· · · · · · · · · · · · · · · · · · ·	
.6				·		
· / ·				<u> </u>		
.8						
9						
1				i		
<u> </u>						
3					<u> </u>	
<u> </u>		——- j				
٥		 -;			I	~
7		!				
<u>``</u>		 ;			[
ğ · —		:		1	1	
Ó		 ;				

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

TRIPELK

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: 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

CONCENTRATION UNITS:

CAS NO

(ug/! or ug/Kg) UG/!

CAS NO.	COMPOUND (ug/L of ug	/Kg) UG/L	G	
74-07-3	Chloromethane	10.	! U	! !
74-07-3	Bromomethane	10.		1
74-03-9	Vinyl Chloride	10.		1
75-01-4	Chloroothano	10.		t 1
1 75-00-3	Chloroethane Methylene Chloride	5.	•	!
1 47-44-1	Acatona	10.	•	: !
75-15-0	Acetone Carbon Disulfide	5.		i I
75-15-0-4	tarbon bisuiride	.; 5.		!
	1,1-Dichloroethene		•	1
/5-34-3	1,1-Dichloroethane 1,2-Dichloroethene (total)	5.	,	i
				j •
67-66-3	Chloroform	5.	,	i
107-06-2	1,2-Dichloroethane	; 5.		
78-93-3	2-Butanone	10.		
	1,1,1-Trichloroethane		•	į
56-23-5	Carbon Tetrachloride	5.		į
108-05-4	Vinyl Acetate	10.		
75-27-4	Bromodichloromethane	5.	•	
	1,2-Dichloropropane		•	
10061-01-5	cis-1.3-Dichloropropene	5.	•	ļ
79-01-6	Trichloroethene	5.	•	
124-48-1	DIDI ONOCHIOI ONECHANE	J.		
	1,1,2-Trichloroethane		•	
	Benzene	5.		İ
_	trans-1,3-Dichloropropene	-		
	Bromoform			Í
	4-Methyl-2-Pentanone			1
	2-Hexanone		• -	1
	Tetrachloroethene		•	
	1,1,2,2-Tetrachloroethane		1 -	
108-88-3	Toluene	5.	, -	
	Chlorobenzene		•	
	Ethylbenzene		;U S	0.03
100-42-5	Styrene	5.	; U	
1330-20-7	Xylene (total)	5.	U	

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

1 E

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPELK

Lab Name: FIM

Lab Code: H2M

Case No.: CRO

SAS No.:

Contract: NYSDEC

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

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT 	EST. CONC.	<u> </u>
1	NKNOWN HYDROCARBON		40.	;=== ¦ J
2				i 1
3				
4				
5				
6				!
7!_				·
8				! !
9			, <u>, , , , , , , , , , , , , , , , , , </u>	·
o				<u> </u>
1				
2				
3				
4				<u> </u>
5		_		
6		—ļ ———— j		
7		<u> </u>		
8		— į ———— į ·		
9				
o				
1		 !:	 	
2				
3 _				
4				
5		-		
6		- ·		
7 ·		- ·		
9				
ó				

575 Broad Hollow Rold, Metalle, N.Y. 1747 (516) 694-3040 FAX (516) 594-4122

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Contract: NYSDEC ab Name: H2M

ab Code: H2M Case No.: CRO SAS No.: SDG No.: 013

..atrix: (soil/water) WATER Lab Sample ID: 9204220

ample wt/vol: 5.000 (g/mL) ML Lab File ID: V3437

Date Received: 2/6/92 Level: (Jow/med) LOW

Date Analyzed: 2/12/92 Moisture: not dec. 100.

Dilution Factor: 1.00 Column: (pack/cap) CAP

CAS NO. COMPOUND (dg/L or dg/Kg) UG/L Q

CONCENTRATION UNITS:

	1] 	1 1
	74-87-3Chloromethane	10.	U
	74-83-9Bromomethane	10.	; U ;
i	75-01-4Vinyl Chloride	130.	
	75-00-3Chloroethane	10.	iu i
1	75-09-2Methylene Chloride	2.	BJ
i	67-64-1Acetone	10.	Ü
	75-15-0Carbon Disulfide	5.	บี
1	75-35-41.1-Dichloroethene	9.	1 !
		15.	;
	75-34-31.1-Dichloroethane	380.	! E !
i	540-59-01.2-Dichloroethene (total)	•	- !
į	67-66-3Chloroform	5.	\U :
i	107-06-21,2-Dichloroethane	5.	
ì	78-93-32-Butanone	10.	U
	71-55-61,1,1-Trichloroethane	16.	
	56-23-5Carbon Tetrachloride	5.	U
1	108-05-4Vinyl Acetate	10.	U
į	75-27-4Bromodichloromethane	5.	U
1	78-87-51,2-Dichloropropane	, 5 .	U
1	10061-01-5cis-1.3-Dichloropropene	5.	U
1	79-01-6Trichloroethene	320.	E
1	124-48-1Dibromochloromethane	5.	U
1	79-00-51,1,2-Trichloroethane	5.	U
1	71-43-2Benzene	2.	J
	10061-02-6trans-1.3-Dichloropropene	5.	U
į	75-25-2Bromoform	5.	U
	108-10-14-Methyl-2-Pentanone	10.	{U }
:	591-78-62-Hexanone	10.	; U ;
į	127-18-4Tetrachloroethene	320.	; E ;
į	79-34-51,1,2,2-Tetrachloroethane		¦υ ;
į	108-88-3Toluene	5.	U :
į	108-90-7Chlorobenzene	5.	U
,	100-41-4Ethylbenzene	5.	U
	100-42-5Styrene	5.	; U ;
	1330-20-7Xylene (total)	5.	U
1	2444 24 /		1 1

575 Broad Hollow Road, Melville, NY 11747 (516) 694-3040g 疗AXs(系统治治24-262)

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

MIR :smeX da Contract: NYSDEC 1.A

Lab Code: H2M Case No.: CRO SAS No.: SDG No.: 013

atrix: (soil/water) WATER

Lab Sample ID: 9204220

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

Lab File ID: V3437

.evel: (low/med) LOW

Date Received: 2/ 6/92

Moisture: not dec. 100.

Date Analyzed: 2/12/92

Joiumn: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 3

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

C.A.S	S NUMBER	COMPOUND		RT	EST. CONC.	Q
1. 2. 3.	, 0 1 3 1	Ethane, 1,2-dich Ethane, 1,1,2-tr 2-Propanol, 2-me		7 Flyard 1 2 7 3.47 3.69	60. 600. 9.	J
5. 6.						
8. 9.				1 1 1		
11.	,					
14. 15. 16.			•			
18.						
21. 22. 23. 24.						
25.						
28.						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
i				1		ı

FORM I VOA-TIC

1/87 Rev.

V 0017

575 Broad Hollow Road, Melville, N.Y. 11 - . (516) 594-3040 FAX: (516) 694-4122

EPA SAMPLE NO

1.A

VOLATILE ORGANICS ANALYSIS DATA SHEET

IA DE

Lab Name: H2M Contract: NYSDEC

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

CONCENTRATION UNITS:
CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 0

	0.75 70.	COMPOCAD	(ug/L or	ug/kg)	UG, L		Q	
	1			!		ı		i
	74-87-3	Chloromethane			50.	· ¦U		1
	1 74-33-9	Bromomethane			50.	Ü		ł
	75-01-4	Vinyl Chloride		į	110.		D	ı
	75-00-3	Chloroethane		į	50.	U	D	1
	75-09-2	Methylene Chlor	ide	į	23.	¦ВЈ	D	1
	67-64-1	Acetone		}	50.	U		1
		Carbon Disulfid	e	•	25.	; U		i
	75-35-4	1.1-Dichloroeth	ene	į	25.	; U		!
	75-34-3	1.1-Dichloroeth	ane	į	14.	¦ J	D	i
	540-59-0	1,2-Dichloroeth	ene (total)) !	480.	, ,	D	1
	67-66-3 -	Chloroform	,	´ !	25.	U	D	!
	107-06-2	1.2-Dichloroeth	ane	į	25.	Ü	•	!
	78-93-3	2-Butanone		į	50.	Ü		
1	71-55-6	1,1,1-Trichloro	ethane	į	25.	Ü		:
1	56-23-5	Carbon Tetrachl	oride	į	25.	Ü		i
	108-05-4	Vinyl Acetate		į	50.	Ü		i
	75-27-4	Bromodichlorome	thane	į	25.	Ü		
	78 - 87-5	1,2-Dichloropro	pane	i	25.	Ū		i
	¦10061-01-5	cis-1,3-Dichlore	opropene	1	25.	U		I I
	79-01-6	Trichloroethene		1	380.	t I	D	i i
1	124-48-1	Dibromochlorome	thane	1	25.	¦ U		ŀ
	79-00-5	1,1,2-Trichloro	ethane	ŧ	25.	¦ U		1
		Benzene		1 6	25.	¦ U		1
i	10061-02-6	trans-1,3-Dichle	propropene	;	25.	Ų		i
i		Bromoform			25.	¦ U		!
i	108-10-1	4-Methy1-2-Penta	anone		50.	U		i
i		2-Hexanone		į	50.	Ų		
į		Tetrachloroether		į	410.	1	D	
į		1,1,2,2-Tetrach	loroethane	į	25.	ប		i
i	108-88-3			į	25.	U		
1		Chlorobenzene '		į	25.	U		,
1	100-41-4	Ethylbenzene		į	25.	U		1
1		Xylene (total)		1	25.	Ü		
1	1000-20-7-1-1-	Ayrene (total)		1	25.	U	1	1
'				1 0	.	1	1	I
				۱ : ا	777			

1 2 M LABS E NC 575 Broad Hollow Road, Melville, N.Y. 1172 (516) 694-3040g 手AX S(東京) 694-大安ラ

21. 22. 23. 24. 25. 26. 27. 28. 29. 30.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M Contract: NYSDEC

Lab Code: H2M Case No.: CRO SAS No.: 30G 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/ 5/92

% Moisture: not dec. 100. Date Analyzed: 2/13/92

Column: (pack/cap) CAP Dilution Factor: 5.00

CONCENTRATION UNITS: Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER COMPOUND NAME RT EST. CONC. 354-23-4 (Ethane, 1,2-dichloro-1,1,2-th 10003.12 2. 3. 7. 8. 9. 10. 11. 13. 14. 15. 16. 17. 18. 19. 20.

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

2 4

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

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

Lavel: (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: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

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. ВJ 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. 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 З. 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 ! 11 10061-01-5----cis-1,3-Dichloropropene 5. ; U 79-01-6----Trichloroethene 65.

124-48-1-----Dibromochloromethane

71-43-2----Benzene

75-25-2----Bromoform

79-00-5----1,1,2-Trichloroethane

10061-02-6----trans-1,3-Dichloropropene

108-10-1----4-Methy1-2-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 ' ! U 5. 100-41-4----Ethylbenzene 5. ! U 100-42-5----Styrene 5. ! U 1330-20-7-----Xylene (total) ¦ U

5.

5.

5.

5.

¦ U

¦ U

! ប

! U

! U

175 Broad Hollow Road, Melville, N.Y 11747 (516) 694-3040g FAXs(京社会) 694-3040g FAXs(宗社会) 694-3040g FAXs(rthe) 694-3

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

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/L

1	CAS NUMBER	COMPOUND NAME	RT	ESTI CONC.	. Q	
į					! = = = = !	
111111	2. 76-13-1	Ethane. 1.2-dichloro-1.1,2-tr Ethane. 1,1,2-trichloro-1.2,. UNKNOWN	7-13.09 2-3.44 13.67	20. 200. 5.	J	
1 1 1 1 1	4. 5. 6.		; ; ;			
1 1 1 1	7. 8. 9.		1 1 1 1 1			
1 1 1 1	11. 12. 13.				1 1	
1 1 1 1 1 1 1	14. 15. 16.	•				
1 1 1 1 1 1 1	18. 19. 20.				1	
	21. 22. 23. 24.				1	
1 1 1 1 1 1 1	25. 26. 27.				1	
1	28. 29. 30.					

575 Broad Hollow Road, Melville, N.Y. 1174 (516) 594-3040 FAX: (516) 694-4122

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M Contract: NYSDEC

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

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

CAS NO. 74-87-3-----Chioromethane 50. 74-83-9-----Bromomethane 50. ; U 75-01-4----Vinyl Chloride 150. 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. Ü 75-35-4----1,1-Dichloroethene 15. 75-34-3-----1,1-Dichloroethane 25. Ü 540-59-0----1,2-Dichloroethene (total) 620. D 67-66-3-----Chloroform 29. 107-06-2----1,2-Dichloroethane 25. U 78-93-3----2-Butanone 50. ¦U 71-55-6-----1,1,1-Trichloroethane 25. 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. Ď 124-48-1----Dibromochloromethane 25. ¦ U 79-00-5----1,1,2-Trichloroethane 25. 71-43-2-----Benzene 8. 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. 79-34-5----1,1,2,2-Tetrachloroethane 25. 108-88-3----Toluene 12. 108-90-7-----Chlorobenzene 12. J D 100-41-4-----Ethylbenzene 13. J D 100-42-5-----Styrene 10. 1330-20-7-----Xylene (total) 39.

V 0067

575 Broad Hollow Road, Melville, NY 1171

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M Contract: NYSDEC 2.A DL

Lab Code: H2M Case No.: CRO SAS No.: SDG No.: 013

Matrix: (soil water) WATER

Lab Sample ID: 9204321DL

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

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Number TICs found: 3

- 1 · · · · · · · · · · · · · · · · · ·	•	1	!	1
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
76-13-1	Ethane. 1,1,2-trichloro-1,2	1=====================================	100.	==== J
	UNKNOWN	3.74	60.	J
	UNKNOWN ALKANE	5.65	30.	. J .
1 4.	UNKNOWN ALKANE	, 5.65		1
5.		1	,	1 ! ! !
6.		1 ·		! !
7.		1		
8.		1		1
9.		1		
10.		1		
11.		1		
12.				
13.				
14.				
15.	•			
16.				
17.				
18.		1		!
19.		1	1	1
20.		1	!	1
21.		1		1
22.		1		
23.		1		
24.				i
; 25.				
26.		1		i
27.		1		
28.		1	,	1
29.	1			
; 30.				1
:		1	1	, 1

Man Products
Soil and Groundwater
Laboratory Results

1A VOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE :

MW1M

Lab Name: H2M

H2M Contract: NYSDEC

Lab Code: H2M Case No.: CRO SAS No.: SDG No.: 007

Matrix: (soil/water) SOIL

r) SOIL Lab Sample ID: 9201949

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

Lab File ID: P8021

% Moisture: not dec. 6.

Level: (low/med) LOW

Date Received: 1/17/92

Date Analyzed: 1/20/92

Column: (pack/cap) CAP

Dilution Factor: 1.04

CONCENTRATION UNITS:

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

	(49/2 01 49/		
74-87-3	Chloromethane	11.	
74-83-9	Bromomethane	11.	
75-01-4	Vinyl Chloride	11.	
75-00-3	Chloroethane	11.	
75-09-2	Methylene Chloride	6.	:
67-64-1	Acetone	11.	•
75-15-0	Acetone	6.	Ü
75-35-4	1,1-Dichloroethene	6.	Ü
	1,1-Dichloroethane	6.	U
540-59-0	1,2-Dichloroethene (total)		Ü
67-66-3	Chloroform	6.	Ü
107-06-2	1,2-Dichloroethane	6.	Ü
			Ü
71-55-6	2-Butanone 1,1,1-Trichloroethane	6.	Ü
56-23-5	Carbon Tetrachloride	6.	
108-05-4	Vinyl Acetate	11.	:
75-27-4	Bromodichloromethane		Ü
	1,2-Dichloropropane		Ü
	cis-1,3-Dichloropropene	6.	Ü
	Trichloroethene		Ū
124-48-1	Dibromochloromethane	6.	U
	1,1,2-Trichloroethane	6.	U
			U
0061-02-6	Benzene trans-1,3-Dichloropropene;	6.	įυ
75-25-2	Bromoform	6.	ļυ
108-10-1	4-Methyl-2-Pentanone	11.	Ü
	2-Hexanone	11.	Ü
127-18-4	Tetrachloroethene	6.	U
	1,1,2,2-Tetrachloroethane	6.	U
	Toluene	6.	; U
108-90-7	Chlorobenzene	6.	U
	Ethylbenzene	6.	¦υ
100-42-5	Styrene	6.	¦U
1330-20-7	Xylene (total)	6.	; U

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

EPA SAMPLE NO.

MWIM

1Ξ

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

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

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

CAS NUMBER	COMPOUND NAME	; RT !======	EST. CONC.	
1		·		
3				
4				
6				
8				
9				
10				
12				
13				
15 16		<u></u>		
17				
19				
20				
22				
23				
25 26				
27				
28				
30				

14 VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELDBLK

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 Name: HIM

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L Q CAS NO COMPOUND

CAS NO.	COMPOUND (UG/L of Ug		Q
74-87-3	Chloromethane	10.	ļŲ
74 - 83-9	Bromomethane	10.	ŀυ
75-01-4	Vinyl Chloride	10.	Įυ
75-00-3	Chloroethane	! 10	įυ
75-00-2	Mathylana Chlorida	'	įυ
67-64-1	Carbon Disulfide	10.	įυ
75-15-0	Carbon Disulfide	5.	Ū
75-35-4	1,1-Dichloroethene	5.	įυ·
75-34-3	1,1-Dichloroethane	5.	ίŪ
540-59-0	1,2-Dichloroethene (total)_	5.	Ù
	Chloroform		Ü
107-06-2	1,2-Dichloroethane	5.	Ü
78-93-3	2-Butanone	10.	ίū
71-55-6	1,1,1-Trichloroethane	4.	BJ
	Carbon Tetrachloride		Ü
108-05-4	Vinyl Acetate	10.	įυ
75-27-4	Bromodichloromethane	5.	ļυ
	1,2-Dichloropropane		Ü
	cis-1,3-Dichloropropene		Įυ
	Trichloroethene		įυ
124-48-1	Dibromochloromethane	5.	U
	1,1,2-Trichloroethane		U
	Benzene	5.	U
	trans-1,3-Dichloropropene	5.	ļυ
	Bromoform		U
108-10-1	4-Methyl-2-Pentanone	10.	¦ U
	2-Hexanone		¦υ
127-18-4	Tetrachloroethene	5.	¦U
	1,1,2,2-Tetrachloroethane		¦U
108-88-3	Toluene	5.	U
108-90-7	Chlorobenzene	5.	ļυ
100-41-4	Ethylbenzene		ļυ
100-42-5	Styrene	5.	ŀυ
1330-20-7	Xylene (total)	5	in

575 Broad Hollow Road, Melville, N. (516) 694-3040 FAX: (516) 694-3

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE

Lab Name: H2M

Contract: NYSDEC

Lab Code: H2M

Case No.: CRO SAS No.:

SDG No .: 007

Matrix: (soil/water) WATER

Lab Sample ID: 9201950 Lab File ID: P8047

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

Level: (low/med) LOW

Number TICs found:

Date Received: 1/17/92

% Moisture: not dec. 100.

Date Analyzed: 1/24/92

Dilution Factor: 1.00

Column: (pack/cap) CAP

CONCENTRATION UNITS:

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

CAS NUMBER	COMPOUND NAME	RT	i for come i	_
•	COMPOUND MARK			
1		!		===:
2		-:	1	
3		-!		
4		_		
5			!	
6		-:		
7		_;		
8				
9				
10.				
11				
12				
13				
14				
15				
16		1		
17				
18		_		
19		_	1.	
20				
21		_!!		
22		_!!		
23		!i	i	
24		_		
25		- ! !		
26			i	
27		_	i	
28		_		
29		- į į		
30		_ ii		

F2M LABS. INC. 575 Broad Hollow Road. Meiville, N.Y. 1172 (516) 694-3040 FAX: (516) 694-4122

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

P21 Contract: NYSDEC

Lab Name: -2"

Lab Code: -1" Case No.: CRO SAS No.: SDG No.: 04

Matrix: (spil/water) SOIL Lab Sample ID: 9134946

Samole wt/vol: 5.000 (g/mu) 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

CONCENTRATION UNITS:

CASING. COMPOUND (ug/L or ug/Kg) UG/KG - Q

CAS NO.			
74-87-3	Chloromethane	11.	; U
74-83-9	Bromomethane	11.	
75-01-4	Vinyl Chloride	11.	
75-00-3	Chloroethane	11.	
75-09-2	Methylene Chloride	4.	
67-64-1	Acetone	11.	Ų
75-15-0	Acetone Carbon Disulfide	5.	įυ
75-3 5- 4	1,1-Dichloroethene	5.	U
	1,1-Dichloroethane	5.	U
540-59-0	1,2-Dichloroethene (total)_	5.	U ·
67-66-3	Chloroform	2.	J
107-06-2	Chloroform	5.	U
78-93-3	2-Butanone	11.	U
71-55-6	1,1,1-Trichloroethane	5.	U
	Carbon Tetrachloride		U
108-05-4	Vinyl Acetate	11.	U
75-27-4	Bromodichloromethane	5.	ļυ
	1,2-Dichloropropane		U
0061-01-5	cis-1,3-Dichloropropene	; 5.	¦ U
79-01 - 6	Trichloroethene	5.	¦ U
124-48-1	Dibromochloromethane	5.	U
	1,1,2-Trichloroethane		¦ U
71-43-2	Benzene	1 2.	¦ J
0061-02-6	trans-1,3-Dichloropropene	; 5 <i>.</i>	¦ U
75-25-2	Bromoform	5.	¦U
108-10-1	4-Methy1-2-Pentanone	; 11.	•
591-78 - 6	2-Hexanone	11.	¦ U
127-18-4	Tetrachloroethene	5.	¦υ
	1,1,2,2-Tetrachloroethane		¦∪
108-88-3	Toluene	¦ 5.	¦υ
108-90-7	Chlorobenzene	5.	¦ U
100-41-4	Ethylbenzene	5.	¦U
100-42-5	Styrene	5.	¦U
1330-20-7	Xylene (total)	; 5.	¦υ

FAX LABS, INC. 575 Broad Horiow Road, Melville, N.Y. 11747 (516) 694-3040 FAX (516) 694-4122

VOLATILE ORGANIOS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

)	201	
1	P21	
1		
- 1		

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

58G No.: 04

Matrix: (soil/water) SOIL

Lab Sample ID: 9134946

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

Lap File ID: P7677

Lavel: (low/med) LOW

Date Received: 12/ 6/91

Dilution Factor: 1.00

% Moisture: not dec. 8.

Date Analyzed: 12/13/91

Column: (pack/cap) CAP

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

Number TICs found:

CAS NUMBER			EST. CONC.	
1	=======================================	:=; ===================================	=======================================	====
2			*	!
3				
4				
5				
6				·
7		!!		
8		!!		
9		_		
10				
11		!i		
12		_! !		
13				
14				
· · · · · · · · · · · · · · · · · ·	•		!	
17	•			
18.				
19	*	i		
20				
21		_		
22		_!!		
23		_	I	
24¦		_!!		
25				
26		_		
27		_		
28		- ii	i	
29			· · · · · · · · · · · · · · · · · · ·	
30		-!	i	

FORM I VOA-TIC

1/87 Rev.

575 Broad Hollow Road, Melville, N.Y. 1174-(516) 694-3040 FAX: (515) 594-4122

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

Lab Name: -2M

Contract: NYSDEC

P21RE

Lac Code: -2M Case No.: CRO SAS No.:

SDG No.: 04

Matrix: (soil/water) 50[L

Lab Sample ID: 9134946RE

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

Lab File ID: P7695

Lavel: (low/mad) LOW

Date Received: 12/ 5/91

% Moisture: not dec. 8.

Date Analyzed: 12/14/91

Column: (pack/cap) CAP

Dilution Factor:

CAS NO. COMPOUND

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

CAS NO.	COMPOSIND (agree of ag		
74-87-3	Chloromethane	13.	; ; ;
74-83-9	Bromomethane	13.	ļŪ
75-01-4	Vinyl Chloride	13.	
75-00-3	Chloroethane	13.	Ü
75-09-2	Methylene Chloride	7.	!
67-64-1	Acetone	13.	U
75-15-0	Acetone Carbon Disulfide	6.	Ü
75-35-4	1,1-Dichloroethene	- 6.	Ü
75-34-3	1,1-Dichloroethane	6.	Ü
	1,2-Dichloroethene (total)	_,	Ü.
1 67-66-3	Chloroform	6.	Ü
107-06-2	1,2-Dichloroethane	6.	Ü
78-93-3	2-Butanone	13.	Ü
71-55-6	1,1,1-Trichloroethane	-, 10.	Ü
	Carbon Tetrachloride		Ü
108-05-4	Vinyl Acetate	13.	Ü
75-27-4	Bromodichloromethane	6.	Ü
78-87-5	1,2-Dichloropropane	6.	Ų
10061-01-5	cis-1,3-Dichloropropene	6.	ΙŪ
79-01-6	Trichloroethene		Ü
124-48-1	Dibromochloromethane	6.	U
	1,1,2-Trichloroethane		įυ
	Benzene	6.	Ų
		_; 6.	¦U
75-25-2	Bromoform	6.	¦U
108-10-1	trans-1,3-Dichloropropene Bromoform 4-Methyl-2-Pentanone 2-Hexanone	13.	¦U
591-78-6	2-Hexanone	" " " 13.	¦υ
127-18-4	Tetrachloroethene	1 6 .	¦ U
79-34-5	1,1,2,2-Tetrachloroethane _	_	U
108-88-3	Toluene	_	; U
108-90-7	Chlorobenzene	6.	Ų
100-41-4	Ethylbenzene	_; 6.	¦ U
100-42-5	Styrene	_ 6.	U
1330-20-7	Xylene (total)	6.	¦ U

Lab Code: H2M

Level: (low/med) LOW

Column: (pack/cap) CAP

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

Date Received: 12: 6/91

Dilution Factor:

EPA SAMPLE NO.

P21RE

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M Contract: NYSDEC

> 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

ਝ Moisture: not dec. ਰੇ.

Date Analyzed: 12 14/91

CONCENTRATION UNITS:

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

CAS NUMBER	RT	EST. CONC.	_ Q
1	 ,	!	
2			
3			
4	!!		
5	 		
6	!!		
7	 _		
8	 <u>ii</u>		
9	-		
0	 		
2			
3	 -		
4.			
5			
6 _	_		
7	 _!!		
8	 _!!		
9.	 ii	i	
0		 }·	
2	 -		
3			
4			
5			
6	 1		
7	_		
8	 		
9	 _ii		
o;	 		

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

VOLATILE CREAKIOS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

Lab Code: Ham

Case No.: CEO

SAS No.:

SDG No .: 04

Matrix: (soil/water) SOIL

Lab Sample ID: 9134947

Sample wt/voi: 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: (back/cap) CAP

Dilution Factor:

CONCENTRATION UNITS:

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

† 74-87-3Chioromethane	11.	i u
74-83-9Bromomethane	11.	
75-01-4Vinyl Chloride	11.	
75-00-3Chloroethane	11.	
75-00-3Chloroethane 75-09-2Methylene Chloride	6.	, U
67-64-1	11.	Ü
67-64-1Acetone 75-15-0Carbon Disulfide	6.	: U
75-35-41,1-Dichloroethene	6.	Ü
75-34-31,1-Dichloroethane	6.	U
540-59-01,2-Dichloroethene (total)	- '	\U :
67-66-3Chloroform	6.	U .
107-06-21,2-Dichloroethane	6.	U
78-93-32-Butanone	11.	, -
71-55-61,1,1-Trichloroethane	6.	
56-23-5Carbon Tetrachloride		
108-05-4Vinyl Acetate		
75-27-4	6.	
78-87-51,2-Dichloropropane	. 6.	iu ;
10061-01-5cis-1,3-Dichloropropene	. •	10 1
79-01-6Trichloroethene		Ü
124-48-1Dibromochloromethane	6.	U
79-00-51,1,2-Trichloroethane		10 1
	6.	U
71-43-2Benzene	, 1	Ü
		Ü
75-25-2Bromoform	11.	U
100-10-10-10-10-10-10-10-10-10-10-10-10-	11.	U
591-78-62-Hexanone	1 6.	Ü
79-34-51,1,2,2-Tetrachloroethane		U
109-99-3Taluana	6.	Ü
108-88-3Toluene 108-90-7Chlorobenzene	. 6.	ĮŪ į
100-41-4Ethylbenzene	. 6.	10
100-42-5Styrape	6.	U
100-42-5Styrene 1330-20-7Xylene (total)	6.	Ü
1330 20-7Ayrene (Cocar)		

575 Broad Hollow Road, Melvalle, N.Y. (1747) (516) 694-3040 | FAX. (516) 594-4122 | EPA | SAMPLE | NO .

225

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab	Name:	H2M		Contract:	NYSDEC

Lab Code: H2M Case No.: CRC 843 No.: 5DG 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:

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

CAS NUMBER	COMPOUND NAME		 EST. CONC.	1 1 2
1				, ===== :
· · · · · · · · · · · · · · · · · · ·		1		·
3			1	
4		!	1 - t	
5		!	!	!
6		Í		
7		ļ 		<u> </u>
9				
10.		!		
11		1	1	
12			1	
13		1		
14		l	l	
15		! 	·	
16				
17			·	
18			i i	
20				
21				
22				
23				
24	ı			
25				
26			· · · · · · · · · · · · · · · · · · ·	
27				
29				
30.				

FORM I VOA-TIC

1/87 Rev.

575 Broad Hollow Road, Meiville, N.Y. [[7], (516) 594-3040 FAX: (516) 594-4122

. DEATILE ORGANIOS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P23

Lao Name: H2M

Contract: NYSDEC

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

% Maissure: not dec. 19.

Date Analyzed: 12/10/91

Column: (pack/cap) CAP

Dilution Factor:

CAS NO.

COMPOUND

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

<u></u>			
74-87-3	Chloromethane	12.	: : U
74-83-9	Bromomethane	12.	
75-01-4	Vinyl Chloride	12.	; U
75-00-3	Chloroethane	12.	Ü
75-09-2	Methylene Chloride	i	10
67-64-1	Acetone	11.]]
75-15-0	Carbon Disulfide		ָ ֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֡
75-25-4	1,1-Dichloroethene	6.	U
	1,1-Dichloroethane	6.	ΙU
			•
	1,2-Dichloroethene (total)		¦ U
6/-66-3	Chloroform	6.	¦U .
10/-06-2	1,2-Dichloroethane	6.	U
78-93-3	2-Butanone	12.	
	1,1,1-Trichloroethane		-
5 6-23-5- -	Carbon Tetrachloride	¦ 6.	
108-05-4	Vinyl Acetate	12.	
75-27-4	Bromodichloromethane	6.	¦U.
78 - 8 7 -5	1,2-Dichloropropane	ł 6.	¦υ
10061-01-5	cis-1,3-Dichloropropene	; 6.	¦υ
79-01-6	Trichloroethene	6.	
124-48-1	Dibromochloromethane	ł 6.	
79-00-5	1,1,2-Trichloroethane	6.	¦υ
71-43-2	Benzene	6.	¦U
10061-02-6	trans-1,3-Dichloropropene	ł 6.	¦U
75-25-2	Bromoform	¦ 6.	¦U
108-10-1	4-Methyl-2-Pentanone	12.	¦U
	2-Hexanone		¦υ
127-18-4	Tetrachloroethene	6.	¦υ
79-34-5	1,1,2,2-Tetrachloroethane	6.	¦ U
108-88-3	Toluene	6.	Įυ
108-90-7	Chlorobenzene		U
100-41-4	Ethylbenzene	1300.	ĖĒ
100-42-5	Styrene	6.	;υ -
1330-20-7	Xylene (total)		
1000 20 /	.,, == (====,	, ,	
		·	·

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

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

238

Lab Code: H2M Dase 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: 12/10/91

Column: (pack/cap) CAP

Dilution Factor: .94

Number TICs found: 14

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	. ~
1.	UNKNOWN HYDROCARBON UNKNOWN ALKANE UNKNOWN ALKANE UNKNOWN ALKANE UNKNOWN ALKANE UNKNOWN HYDROCARBON UNKNOWN ALKANE UNKNOWN ALKANE UNKNOWN ALKANE ETHYLMETHYLBENZENE(ISOMER) UNKNOWN ANKNOWN ANKNOWN ANKNOWN ANKNOWN ANKNOWN ANKNOWN ANKNOWN ANKNOWN	3.17 3.50 4.72 5.69 5.87 6.13 6.92 7.66 12.52 15.06 15.34 15.66	70. 200. 90. 400. 6000. 300. 800. 300.	

FORM I VOA-TIC

575 Broad Hollow Read, Melville, N.Y. 1172 (516) 694-3040 FAX. (516) 694-4122 EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

P28 DZ Lab Name: H2M Contract: NYSDEC SAS No.: Lab Code: H2M Case No.: CRO SDG No.: 04 Matrix: (soil/water) SOIL Lab Sample ID: 9134948*D*4 3.900 (g/mL) G Sample wt/vol: Lab File ID: P7628 Level: (low/med) tow 서庄人 Date Received: 12/ 6/91 Date Analyzed: 12/11/91 % Moisture: not dec. 19. Dilution Factor: ·256.4I Column: (pack/cap) CAP 256 (->5g) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG 74-87-3-----Chloromethane 3200. 74-83-9----Bromomethane 3200. 75-01-4----Vinyl Chloride 3200. 10 3200. ť U 75-00-3-----Chloroethane 1600. ! U 75-09-2----Methylene Chloride 3200. : U 67-64-1-----Acetone 1600. ¦ U 75-15-0-----Carbon Disulfide 1600. 75-35-4----1.1-Dichloroethene ! U 1600. 75-34-3----1.1-Dichloroethane 540-59-0----1,2-Dichloroethene (total) 1600. ; U 67-66-3-----Chloroform 1600. : U 107-06-2----1.2-Dichloroethane 1600. ! U 3200. ! U 78-93-3----2-Butanone 1600. : U 71-55-6----1,1,1-Trichloroethane 1600. ! U 56-23-5-----Carbon Tetrachloride 3200. ¦ U 108-05-4-----Vinyl Acetate 1600. ! 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. ťυ 124-48-1-----Dibromochloromethane 1600. 79-00-5----1.1,2-Trichloroethane ! U 1600. 71-43-2----Benzene 10061-02-6----trans-1,3-Dichloropropene 1600. U 1600. Ų 75-25-2----Bromoform 3200. Ų 108-10-1----4-Methyl-2-Pentanone ¦ U 3200. 591-78-6----2-Hexanone ; U 1600. 127-18-4----Tetrachloroethene ¦Ų 1600. 79-34-5----1,1,2,2-Tetrachloroethane 1600. 108-88-3----Toluene ! U 1600. 108-90-7-----Chlorobenzene 1600. ¦ U 100-41-4----Ethylbenzene 1600. ! U 100-42-5----Styrene

1330-20-7-----Xylene (total)

575 Broad Hollow Road, Messale, N F 117 (516) 694-3ር**ብ**ያ ለድ*ይሊካያነ*ሪፔሪር**4**004 22

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: 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
5. 584-94- 6. 592-27- 7 8. 111-65-	UNKNOWN HYDROCARBON UNKNOWN HYDROCARBON UNKNOWN HYDROCARBON 7 1-Heptene, 3-methyl- (8CI9CI 1 Hexane, 2,3-dimethyl- (8CI9CI) UNKNOWN HYDROCARBON 9 Octane (DOT)(8CI9CI) UNKNOWN 2 Heptane, 2,4-dimethyl- (8CI9 UNKNOWN HYDROCARBON UNKNOWN UNKNOWN UNKNOWN UNKNOWN UNKNOWN UNKNOWN UNKNOWN HYDROCARBON UNKNOWN HYDROCARBON UNKNOWN HYDROCARBON	8.83 9.01 9.39 10.05 10.57	50000. 30000. 20000. 40000. 30000. 500000. 30000. 20000. 30000. 40000. 40000. 40000. 20000.	= = = = = = = = = = = = = = = = = = =
1				l I

12M LABS, INC. 575 Broad Hollow Road, Meiville, N.Y. (1747) (516) 594-3040 FAX (516) 594-4122

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P30

Lab Name: HIY

Contract: NYSDEC

Lab Code: Him - Case No.: CRC SAS No.:

50G No.: 04

Matrix: (soi_/water) SOIL

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

Lab File ID: P7676

Level: (icw/med) LOW

Date Received: 12/ 6/91

Lab Sample ID: 9134949

% Moissure: 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

Ф П О МО.	COTPOOND (dg/C of dg/	- Ng y Sazina	
74-37-3	Chioromethane	12.	: ! U
74-83-9	Bromomethane	12.	
75-01-4	Vinyl Chloride	12.	
75-00-3	Chloroethane	12.	
75-09-2	Methylene Chloride	6.	U
67 = 64-1	Acetone	12.	
75-15-0	Acetone	6.	
75-35-4	1,1-Dichloroethene	6.	Ü
	1,1-Dichloroethane	6.	ļυ
540-59-0	1,2-Dichloroethene (total)		Ū
67-66-3	Chloroform	6.	Ū
107-06-2	1,2-Dichloroethane	6.	Ų
78-93-3	2-Butanone	12.	
71-55-6	1,1,1-Trichloroethane	6.	:
	Carbon Tetrachloride		įυ
	Vinyl Acetate		-
75-27-4	Bromodichloromethane		įυ
	1,2-Dichloropropane		Ū
	cis-1,3-Dichloropropene		U
79-01-6	Trichloroethene	6.	¦υ
124-48-1	Dibromochloromethane	6.	¦υ
	1,1,2-Trichloroethane		¦U
71-43-2	Benzene	6.	
.0061-02-6	trans-1,3-Dichloropropene	6.	¦υ
75-25-2 -	Bromoform	₹ 6.	
108-10-1	4-Methyl-2-Pentanone	12.	
591-78-6	2-Hexanone	12.	
127-18-4	2-Hexanone Tetrachloroethene	6.	
79-34-5	1,1,2,2-Tetrachloroethane	6.	¦∪
	Toluene		¦ U
	Chlorobenzene		
100-41-4	Ethylbenzene	6.	ļŲ
100-42-5	Styrene Xylene (total)	6.	¦U
1330-20-7	Xylene (total)	6.	¦υ

575 Broad Hollow Rose, Merville, N.Y. 11747 (516) 694-3040 FAX (516) 694-4122

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

930 Contract: NYSDEC

Lap Name: H2M Lac Code: HIM

Casa No.: CRO SAS No.:

SDG No.: 64

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

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

 	COMPOUND NAME	, at	EST. CONC.	. G
1. – –	UNKNOWN HYDROCARBON	15.25	10.	;===== ¦ J
2 3		-	**************************************	i
4. 5.	1		-	l
6				
7. 8.				
9				i
10		· ! · · · · · · · · · · · · · · · · · ·		I ! ! !
12	l			! !
14				
15 16		ii		ļi
17 18				
19				
20				
22				
23				
25 26				
27				
28				
30				

FORM I VOA-TIC

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

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 wit/vol: 5.000 (a/mL) G

Lab File ID: P7613

Level: (low/med) LOW -

Date Received: 12/ 6/91

경 Moisture: not dec. 15.

Date Analyzed: 12/10/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

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

CAS NO.

COMPOUND

75-25-2-----Bromoform ___

591-78-6-----2-Hexanone

108-88-3----Toluene

100-42-5-----Styrene ____

100-41-4-----Ethylbenzene___

1330-20-7-----Xylene (total)___

108-10-1----4-Methyl-2-Pentanone

127-18-4----Tetrachloroethene

108-90-7-----Chlorobenzene ____

79-34-5----1,1,2,2-Tetrachloroethane

74-87-3-----Chloromethane _____ 74-83-9-----Bromomethane____ 12. 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 75-35-4-----1,1-Dichloroethene____ 6. ¦ U 75-34-3----1,1-Dichloroethane_ !U 540-59-0----1,2-Dichloroethene (total) ¦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 ¦υ 78-87-5----1,2-Dichloropropane _____ 6. !U 10061-01-5----cis-1,3-Dichloropropene ____ !U . 6. 79-01-6----Trichloroethene ¦υ 6. 124-48-1----Dibromochloromethane___ 6. 79-00-5----1,1,2-Trichloroethane _____ 6. 71-43-2----Benzene 6. 10061-02-6----trans-1,3-Dichloropropene 6.

6.

12.

12.

6.

6.

6.

6.

6.

¦∪

¦ U

! U

ļυ

¦U

ļυ

!U

¦U

575 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

		1	P32	
		1	732	
Contract:	ハマミンニン	t		
	14.0000	·		

Lab Name: H2M

Lab Code: H2M Case No.: CRO 3AS 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

28._ 29._

Date Received: 12/ 6/91

% Moisture: not dec. 15.

Date Analyzed: 12 10/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

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

Number TICs found: 2

9.25	6. 20.	=== J
		J
yover		
	1	

FORM I VOA-TIC

575 Broad Hollow Road, Metville, N.Y. 1174(516) 694-3040 FAX: (516) 694-4122

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

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/yol: 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

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

CAS NO. COMPOUND

		1	1
	Chloromethane		U
74-83-9	Bromomethane	. 10.	•
75-01-4	Vinyl Chloride	. 10.	
	Chloroethane		U
75 - 09 - 2	Methylene Chloride	.; 5.	ļυ
67-64-1	Acetone	10.	¦ U
75-15-0	Carbon Disulfide	.; 5.	; U
	1,1-Dichloroethene	.; 5.	¦ U
75 - 34 <i>-</i> 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	2-Butanone 1,1,1-Trichloroethane		¦υ
	Carbon Tetrachloride	5.	¦U
108-05-4	Vinyl Acetate	10.	¦υ
75-27-4	Bromodichloromethane	5.	¦U
78-87-5	1,2-Dichloropropane	5.	¦υ
10061-01-5	cis-1,3-Dichloropropene		¦υ
79-01-6	Trichloroethene	5.	U
124-48-1	Dibromochloromethane	5.	¦υ
79-00-5	1,1,2-Trichloroethane	; 5.	¦U
71-43-2	Benzene	5.	¦ U
10061-02-6	Benzene	; 5.	¦U
75-25 -2 -	Bromoform	5.	¦U
108-10-1	4-Methyl-2-Pentanone	; 10.	
591-78-6	2-Hexanone	1	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
		!	!

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

FIELDELK .T

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) cOW

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			EST. CONC.	
======================================	=======================================	*= ; =======	===========	====
1			1	
3.		_	!	
4				
5		_ !	! !	
6				
7			!	
8		_	!	
9				
10				
11				
12			·	
3				
4				٠,
5		-!		
6				
7				
.8				
9				
20				
?1		l 	l	
²²				
23		_!		
.4		_ ! !		
25		_		
6				
?7		_		
:8;;		_		
!9				
· · · · · · · · · · · · · · · · · · ·		,		

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: H2M

Contract: NYSDEC

TRIPBLK //

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/mad) LOW

Date Received: 12/ 6/91

% Moisture: not dec. 100.

Date Analyzed: 12/12/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

74-87-3Chloromethane	10.	U	
74-83-9Bromomethane	10.	; U	
75-01-4Vinyl Chloride			;
75-00-3Chloroethane	10.	i u	
75-09-2Methylene Chloride	5.	įυ į	
		U	
67-64-1Acetone	5.	Ü	
75-35-41,1-Dichloroethene	5.	Ü	
75-34-31,1-Dichloroethane		Ü	
540-59-01,2-Dichloroethene (total)		Ü	
- 47 (4-2 Chloroform			
67-66-3Chloroform	5.	ĮŪ ;	
		•	
78-93-32-Butanone	5.		
		•	
56-23-5Carbon Tetrachloride			
108-05-4Vinyl Acetate			
75-27-4Bromodichloromethane		<u> </u>	
78-87-51,2-Dichloropropane		¦∪	
10061-01-5cis-1,3-Dichloropropene	5.		
79-01-6Trichloroethene		¦U	
124-48-1Dibromochloromethane	•	¦U ¦	
79-00-51,1,2-Trichloroethane	•	U	
71-43-2Benzene	5.	! U .	
10061-02-6trans-1,3-Dichloropropene	5.	U	
75-25-2Bromoform		U	
108-10-14-Methyl-2-Pentanone		U	
591-78-62-Hexanone	10.	U	
127-18-4Tetrachloroethene	5.	¦υ ¦	
79-34-51,1,2,2-Tetrachloroethane	5.	U	
108-88-3Toluene	; 5.	U	
108-90-7- Chlorobenzene	•	U	
100-41-4Ethylbenzene		U	
100-42-5Styrene		U	
1330-20-7Xylene (total)	5.	U	
	l		

S 0030

1/87 ReV.

575 Broad Hollow Road, Meiville, 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

TRIPSLK 77

Lab Code: H2M Case No.: CRO SAS No.: 5DG No.: 03

Matrix: (soil/water) WATER

Lab Sample ID: 9134952

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

_ab File ID: P7651

Level: (low/med) LOW

Date Received: 12/6/91

월 Moisture: not dec. 100.

Number TICs found: 0

Date Analyzed: 12/12/91

Column: (pack/cap) CAP

Dilution Factor: 1.00

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

CAS NUMBER COMPOUND NAME RT | EST. CONC. | Q 11.____ 13.____ 14.____ 17.____ 22.__ 23.__ 25.___ 26.____ 27.____ 28.____ 29.____

575 Broad Hollow Road, Malville, N.Y. 117- (516) 694-3040 FAX. (515) 694-4122

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

MM = 1MLab Name: H2M Contract: NYSDEC 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) ME Lab File ID: V3447 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 CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 74-87-3-----Chloromethane 10. : U 10. 75-01-4-----Vinyl Chloride 10. l 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) ; 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. 78-87-5-----1,2-Dichloropropane 5. ; U 10061-01-5----cis-1.3-Dichloropropene 5. ! U 79-01-6----Trichloroethene 5. ប់ 124-48-1----Dibromochloromethane U 79-00-5----1,1,2-Trichloroethane 5. ¦ U 71-43-2----Benzene 5. ! ប ; U 10061-02-6-----trans-1,3-Dichloropropene 5. 75-25-2----Bromoform 5. ¦ U 108-10-1----4-Methyl-2-Pentanone 10. ; U 591-78-6----2-Hexanone 10. ¦υ 127-18-4----Tetrachloroethene 5. !U 79-34-5----1,1,2,2-Tetrachloroethane 5. ! U 108-88-3-----Toluene 5. ľ 108-90-7----Chlorobenzene ' 5. ! U 100-41-4----Ethylbenzene 5. . u 100-42-5----Styrene 5. 111

¦ U

1330-20-7------Xylene (total)

575 Broad Hollow Road, Melville, N.Y. 147. (516) 694-4122

EPA SAMPLE NO.

VOLUTILE DROADLIS ARALYSIS DATA SHEET

Lab Name: H2M Contract: NVSDEC MN-2M

Lab Code: H2M Case No.: CBO 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

Z Moisture: not dec. 100. Date Analyzed: 2/13/92

Column: (pack/cap) CAP Dilution Factor: 1.00

		CONCENTR	ATION U	NITS:	
CAS NO.	COMPOUND	(ug/L or	ug/Kg)	UG/L	Q
1	-				
7, 22, 2					
	Chioromethane		:	10.	U
	Bromomethane			10.	l C
	Vinyl Chloride			10.	
	Chioroethane			10.	; U ;
	Methylene Chlor	ide	ľ	2.	¦BJ ¦
67-64-1			!	5.	¦BJ ¦
	Carbon Disulfid		[5.	ļŪ ¦
	1,1-Dichloroeth		;	5.	; U ;
	1,1-Dichloroeth		;	5.	; U;
	1,2-Dichloroeth	ene (total) !	5.	U :
67-66-3			;	5.	¦ U ;
	1,2-Dichloroeth	ane	: \$	5.	U
78-93-3			1	10.	U !
	1,1,1-Trichloro		:	5.	t t
	Carbon Tetrachl	oride	:	5.	U;
	Vinyl Acetate		;	10.	¦U ;
75-27-4	Bromodichlorome	thane	;	5.	{ U }
78-87-5	1,2-Dichloropro	pane	;	5.	¦U :
10061-01-5	cis-1,3-Dichlore	opropene	1	5.	; U ;
	Trichloroethene		;	5.	U
124-48-1	Dibromochloromet	thane	1	5.	U
79-00-5	1,1,2-Trichloro	ethane	:	5.	¦ U ;
71-43-2			:	2.	¦ J ;
10061-02-6	trans-1,3-Dichlo	propropene	;	5.	¦ U
75-25-2			\$	5.	U
	4-Methyl-2-Pents	anone	1	10.	U
591-78-6			i	10.	U
	Tetrachloroether		}	5.	U
79-34-5	1,1,2,2 - Tetrachl	loroethane	į	5.	U
108-88-3				5.	U
	Chlorobenzene ·			5.	U
100-41-4				86.	
100-42-5				5.	U
1330~20~7~~~~	Xylene (total)		:	190.	
i			;	0.0	i
			1	6093	

HZM LABS. INC.

575 Broad Hollow Road, Melville, N.E. (51.5) 594-30402 5747-(544) 694-4122

1177 = 2.50

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Nime: H2M Contract: NYSDEC

Matrix: (soil water MATER Lab Sample ID: 9234294

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V3443

Level: (low/med) DIW Date Received: 2 7/92

% Moisture: not fee, 100. Date Analyzed: 2 13 92

Column: (pack/sap) CAP Dilution Factor: 1.00

CONCENTRATION UNITS:

Number TICs found: 11 (ug/L or ug/Kg) UG/L

	1	1	!	1	1	
	CAS NUMBEL	COMPOUND NAME	RT	EST. CONC.	Q	
	;==========	-	;=======	;===========	!=====	
	1	UNKMOWN	6.40	÷0.	; J	
		?¦Cyclohexane, methyl=	6.64	100.	J	1
1	3. – –	UNKNOWN ALKANE	7.02	200.	J	1
	4. – –	UNKNOWN ALKANE	7.22	90.	J	1
1	5. – –	DIMETHYLCYCLOHEXANE(ISOMER)	8,19	170-138.	J	1
!	6. – –	ETHYLMETHYLCYCLOPENTANE (ISOM	9.02	300.	J	
1	7. – –	UNKNOWN ALKANE	9.25	80.	J	
1	8. – –	UNKNOWN ALKANE	9.84	80.	J	
- 1	9. – –	ETHYLMETHYLCYCLOHEXANE (ISOME	10.54	30.	J	
1	10	UNKNOWN HYDROCARBON	11.06	30.	.J	
1	11	TRIMETHYBENZENE (ISOMER)	12.19	6.	J	
- !	12.	Dimethy) cyclohedane (isomer)	7.73			
1	13.		175	400.	5	
1	14.		!			
1	15.	•				
!	16.				1	
1	17.		· !	!		
1	18.			! !	,	
1	19.			!		
i	20.	1	!	1	ì	
í	21.	1			. !	
1	22.	1	1			
1	23.	;		1	i	
:	24.	7			i	
i	25.		į	i	į	
į	26.		i	1	į	
į	27.		į	į		
į	28.	;	i	i	1	
i	29.		i	i	1	
į	30.			1	1	
i		i	1	i	1	

Photocircuits
Soil and Groundwater
Laboratory Results

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

74-83-9 75-01-4 75-09-2 67-64-1 75-35-4 75-34-3 540-59-0 67-66-3 107-06-2 78-93-3 71-55-6 56-23-5 108-05-4 78-87-5 79-01-6	ChloromethaneBromomethaneBromomethaneVinyl ChlorideChloroethaneMethylene ChlorideAcetoneCarbon Disulfide1,1-Dichloroethane1,2-Dichloroethane1,2-DichloroethaneChloroform1,2-Dichloroethane2-Butanone1,1,1-TrichloroethaneCarbon TetrachlorideVinyl AcetateBromodichloromethane1,2-Dichloropropane	10. 10. 10. 10. 5. 10. 5. 210. 310. 72. 5. 4. 10. 510. 5. 10. 5. 5. 5. 57.	0000
67-66-3	Chloroform	5.	i
78-93 - 3 71 - 55-6	2-Butanone	10. 510.	E
108-05-4 75-27-4	Vinyl Acetate	10. 5.	U
79-01-6	cis-1,3-Dichloropropene	5. 57.	U
79 - 00-5	Dibromochloromethane1,1,2-TrichloroethaneBenzenetrans-1,3-Dichloropropene	5. 5.	U
75-25-2 108-10-1	Bromoform	5. 10.	U
127-18-4 79-34-5	2-Hexanone	, . 8. 5.	U
108-90-7	ChlorobenzeneEthylbenzene	5. 5.	
1330-20-7	Xylene (total)	5.	Ü

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

MW2

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M Contract: NYSDEC

Lab Code: H2M Case No.: CRO SAS No.: SDG No.: 03

Matrix: (soil/water) WATER Lak

Lab Sample ID: 9134831

Sample wt/vol: 5.000 (g/mL) ML
Level: (low/med) LOW

Date Received: 12/ 6/91

Lab File ID: P7583

% Moisture: not dec. 100.

Date Analyzed: 12/ 9/91

Column: (pack/cap) CAP

Number TICs found: 0

Dilution Factor: 1.00

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1		=======	_======================================	=====
2				
3		.!		
5				
7				
9				
10				
12				
13				
15				
17				
18		ii		
20				
22				
24				
25	<u> </u>	!		
26				
28		1 1		
30				

575 Broad Hollow Road, Melville, N.Y. 1174 (516) 694-3040 FAX: (516) 694-4122

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

MW2 DL

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: 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:

CAS NO.

COMPOUND

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

			<u> </u>		
74 - 87-3	Chloromethane	50.	¦ U		1
	Bromomethane	50.	Ü		į
75-01-4	Vinyl Chloride	50.	įυ		1
75-00-3	Chloroethane	50.	Ü		i
75-09-2	Methylene Chloride	25.	Ü		
	Acetone	50.	Ü		į
75-15-0	Carbon Disulfide	25.	įυ		i
	1,1-Dichloroethene	140.	1	D	į .
	1,1-Dichloroethane	260.	į	D	;
	1,2-Dichloroethene (total)			D	į
	Chloroform	25.			
107-06-2	1,2-Dichloroethane	25.	Ü		į
78-93-3 -	2-Butanone	50.	Ų		•
71-55-6	1,1,1-Trichloroethane	340.	!	D	i
	Carbon Tetrachloride		U		ŀ
	Vinyl Acetate	50.	Ü		!
75-27-4	Bromodichloromethane	- '	¦ΰ		ı
	1,2-Dichloropropane		ļΰ		ļ
	cis-1,3-Dichloropropene	25.	-		i
	Trichloroethene		10	D	i
	Dibromochloromethane		U	•	
	1,1,2-Trichloroethane	25.	Ü		
	Benzene	25.	ίŬ		!
10061-02-6	trans-1,3-Dichloropropene		įυ		
	Bromoform		Ü		!
	4-Methyl-2-Pentanone	50.	Ü		1
591-78-6	2-Hexanone	50.	- U		١.
127-18-4	2-Hexanone Tetrachloroethene	25.	Ü		
79-34-5	1 1 2 2-Tetrachloroethane		÷ίΰ		
100-00-3	1,1,2,2-Tetrachloroethane	25.	Ü	- : <u>-</u>	,
108-90-7	Chlorobenzene	25.	U		1
100-41-4	Ethylbenzene	25.	Ü		
	Styrene	25.	Ü		
1330-20-7	Xylene (total)	25.	Ü		
1000 20 /	// TOHO (30041 /				
			_ '		

575 Broad Hollow Road, Melville, N.Y. 11-(516) 694-3040 FAX: (516) 694-4122

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

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

CONCENTRATION UNITS:

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

1.	
3. 4. 5. . 6. . 7. . 8. . 9. . 10. . 11. . 12. . 13. . 14. . 15. . 16. . 17. .	
8. 9. 10. 11. 12. 13. 14. 15. 16. 17.	
8. 9. 10. 11. 12. 13. 14. 15. 16. 17.	:
8. 9. 10. 11. 12. 13. 14. 15. 16. 17.	
11	j
11	!
13	_;
14. 15. 16. 17.	_
17	-
	—¦
	_
19	<u>-</u> ;
21	
23	_;
24	
26	<u> </u>
28. 29.	!
30	_;

FORM I VOA-TIC

FORM I - IN

U.S. EPA - CLP

EPA SAMPLE NO

INORGANIC ANALYSIS DATA SHEET

XXXMM5

7/

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB Case No.: CRO03 SAS No.:

SDG No.: CROOO:

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

1			1		
CAS No.	Analyte	Concentration	c	Q	М
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-	<u> </u>	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	Ū		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
		[_		1l

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

DATE REPORTED: JANUARY 9, 1991

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

EWM.

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

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

COMPOUND

74-87-3 -	Chloromethane	10.	U
74-83-9	Bromomethane	10.	, -
75-01-4	Vinyl Chloride	10.	
75-00-3	Chloroethane	10.	
75-09-2	Methylene Chloride	5.	Ü
67-64-1	Acetone	10.	Ū
75-15-0	AcetoneCarbon Disulfide	5.	U
75-35-4	1,1-Dichloroethene	5.	
75-34-3	1,1-Dichloroethane	5.	
540-59-0	1,2-Dichloroethene (total)_	21.	1
67-66-3	Chloroform	5.	U.
107-06-2	1,2-Dichloroethane	5.	U
			U
71-55-6	2-Butanone	5.	Ü
56-23-5	Carbon Tetrachloride	5.	ļυ
108-05-4	Vinyl Acetate	10.	įυ
75-27-4	Bromodichloromethane	5.	įυ
78-87-5	1,2-Dichloropropane	5.	
10061-01-5	cis-1.3-Dichloropropene	5.	U
79-01-6	Trichloroethene	29.	1
124-48-1	Dibromochloromethane	5.	¦U
79-00-5	1,1,2-Trichloroethane	5.	¦ U
71-43-2	Benzene	5.	¦υ
L0061-02-6	Benzene trans-1,3-Dichloropropene	5.	U
75-25-2	Bromoform 4-Methyl-2-Pentanone	5.	¦U
108-10-1	4-Methyl-2-Pentanone	. 10.	¦ U
591-78 - 6	2-Hexanone Tetrachloroethene	10.	;∪
127-18-4 	Tetrachloroethene	5.	U
_ 79-34-5 	1,1,2,2-Tetrachloroethane	5.	
108-88-3	Toluene	5.	
108-90-7	Chlorobenzene	; 5.	U
100-41-4	Ethylbenzene	¦ 5.	U
100-42-5	Styrene Xylene (total)	5.	U
1330-20-7	Xylene (total)	5.	ļυ
		·	_i

575 Broad Hollow Road, Melville, N.Y. 11-(516) 694-3040 FAX: (516) 694-4122 EPA SAMPLE NO

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

EWM

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

Dilution Factor:

1.00

Column: (pack/cap) CAP

Number TICs found:

CONCENTRATION UNITS:

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

CAS NUMBER	COMPOUND NAME		EST. CONC.	
1				
2				
4			.,	
5		_		
7				
8				
9		i	i	
1				
3		<u> </u>		
4				
5			!	·
6	•	i		
8!_				
9		-i	i ————————————————————————————————————	
1				
2	<u> </u>			
4				
5				
7	<u> </u>			
8		_ -		
9		_		
		!		

FORM I VOA-TIC

FORM I - IN

U.S. EPA - CLP

EPA SAMPLE NO.

XXXXMW3

7/5

INORGANIC ANALYSIS DATA SHEET

Lab Name: H2M LABS, INC.

Contract:

SDG No.: CROOO3

Matrix (soil/water): WATER

Lab Sample ID: 9134832

Level (low/med): LOW

Lab Code: H2MLAB Case No.: CR003 SAS No.:

Date Received: 12/06/91

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum		-	ļ 	NR
7440-36-0	Antimony		—		NR
7440-38-2	Arsenic			i	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			<u> </u>	NR
7439-92-1	Lead	2.6	B	<u>.</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		\Box		NR
7440-62-2	Vanadium		_		NR
7440-66-6	Zinc		\perp		NR
	Cyanide		\dashv		NR
			_!		ll

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

DATE REPORTED: JANUARY 9, 1991

575 Broad Hollow Road, Melville, N.Y. 1174 (516) 694-3040 FAX: (516) 694-4122

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

74-87-3Chloromethane 74-83-9Bromomethane 75-01-4Vinyl Chloride 75-00-3Chloroethane 75-09-2Methylene Chloride 67-64-1Carbon Disulfide 75-35-41,1-Dichloroethene 75-34-31,1-Dichloroethane 540-59-01,2-Dichloroethene (total) 67-66-3Chloroform 107-06-21,2-Dichloroethane 78-93-32-Butanone		1
74-83-9	10.	ĺυ
75-01-4Vinyl Chloride	10.	,
75-00-3Chloroethane 75-09-2Methylene Chloride 67-64-1Acetone 75-15-0Carbon Disulfide 75-35-41,1-Dichloroethene 75-34-31,2-Dichloroethene (total) 67-66-3Chloroform 107-06-21,2-Dichloroethane 78-93-32-Butanone	10.	
75-09-2Methylene Chloride	10.	Ü
67-64-1	5.	ļU
75-15-0Carbon Disulfide	10.	-
75-35-41,1-Dichloroethene	5.	
540-59-01,2-Dichloroethene (total) 67-66-3Chloroform 107-06-21,2-Dichloroethane 78-93-32-Butanone		
540-59-01,2-Dichloroethene (total) 67-66-3Chloroform 107-06-21,2-Dichloroethane 78-93-32-Butanone	. 5.	111
67-66-3Chloroform	4.	• -
107-06-21,2-Dichloroethane	5.	
78-93-32-Butanone	- +	U
78-93-32-Butanone	5.	U
	10.	:
71-55-61,1,1-Trichloroethane	5.	•
56-23-5Carbon Tetrachloride	5.	¦U
108-05-4Vinyl Acetate	10.	, -
75-27-4Bromodichloromethane	5.	¦U
78-87-5;	5.	
10061-01-5cis-1,3-Dichloropropene	5.	
79-01-6Trichloroethene	З.	
124-48-1Dibromochloromethane	5.	:
79-00-51,1,2-Trichloroethane	5.	U
71-43-2Benzene	5.	U
10061-02-6trans-1,3-Dichloropropene	5.	U
75-25-2Bromoform	5.	U
108-10-14-Methyl-2-Pentanone	10.	•
591-78-62-Hexanone	10.	U
127-18-4Tetrachloroethene	5.	¦U
79-34-51,1,2,2-Tetrachloroethane;	5.	ļυ
79-34-51,1,2,2-Tetrachloroethane 108-88-3Toluene	· 5.	U
108-90-7Chlorobenzene	5.	1 U
100-41-4Ethylbenzene	5.	
100-42-5Styrene	5.	
1330-20-7Xylene (total)	5.	¦U
		_;

575 Broad Hollow Road, Melville, N.Y. 117 (\$16) 694-3040 FAX: (\$16) 694-4122 EPA SAMPLE NO

MW4

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

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

CONCENTRATION UNITS:

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

CAS NUMBER	COMPOUND NAME	RT	EST, CONC.	Q
=======================================	=======================================			
1			1	·
2			1	
3				<u> </u>
4			1	
5			!	
6		· i		
7		- j	i ————	
8		·	i	
9		· · · · · · · · · · · · · · · · · · ·		
10			·	
11				
12		!		
13		¦	!	
15		!		
16		!		
17				
18	•	1		
19			!	
20		<u> </u>		
21		!	<u> </u>	
22		i ———		
23		· · · · · · · · · · · · · · · · · · ·	·	
24		<u> </u>		
25		1		<u> </u>
26				
27				
29				
30	. * *. * * * * * * * * * * * * * * * *	TOTAL SERVICE.	i a with the summer	177.21

FORM I VOA-TIC

FORM I - IN

U.S. EPA - CLP

EPA SAMPLE NO

INORGANIC ANALYSIS DATA SHEET

XXXMW4

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB Case No.: CRO03 SAS No.:

SDG No.: CROOC

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	М
7429-90-5	Aluminum				NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		+		NR
7440-39-3	Barium				NR
7440-41-7	Bervllium		+		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		\top		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		\top		NR
7440-66-6	Zinc		7		NR
	Cyanide		\Box		NR

Color Before: COLORLESS Clarity Before: CLEAR

Texture:

Color After: COLORLESS Clarity After: CLEAR

Artifacts:

Comments:

DATE REPORTED: JANUARY 9, 1991

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

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

CONCENTRATION UNITS:

С	CAS NO.	COMPOUND (Ug/L of L	ıg/Kg) UĞ/L	Q	
1	74-87 - 3 	Chloromethane	10.	: : :	1
1	74-83-9	Bromomethane	10.		1
i	75-01-4	Vinyl Chloride	10.	U	;
į	75-00-3	Chloroethane	10.	įυ	i
	75-09-2	Methylene Chloride		•	į
į	67-64-1	Acetone	10.	Ü	i
į	75-15-0	Acetone Carbon Disulfide		įυ	i
į	75-35-4	1,1-Dichloroethene	20		
	75-34-3	1,1-Dichloroethane		I I	
į		1,2-Dichloroethene (total)			į .
		Chloroform		U .	1 -
	107-06-2	1,2-Dichloroethane	5.	U	•
į		2-Butanone		Ü	1
į	71-55-6	1,1,1-Trichloroethane	32.		!
1		Carbon Tetrachloride		U	!
1	108-05-4	Vinyl Acetate	10.	Ü	i
,	75-27-4	Bromodichloromethane	5.	Ü	1
!		1,2-Dichloropropane		U	!
110		cis-1,3-Dichloropropene		Ü	!
110.		Trichloroethene		!	<u> </u>
! .		Dibromochloromethane		U	1
		1,1,2-Trichloroethane		Ü	:
!		Benzene		ίŭ	
1100	061-02-6	trans-1,3-Dichloropropene _	- · · · 5.	Ü	i
1,70,		Bromoform		Ü	1
	108-10-1	4-Methyl-2-Pentanone	10.	Ü	
	591 - 78 - 6	-2-Hexanone	10.	Ü	ì
} }	127-18-4	Tetrachloroethene	66.		į
		1,1,2,2-Tetrachloroethane			:
· ·	108-88-3	Toluene		Ü	į
	108-90-7	Toluene	5.	U	
[]	100-41-4	Ethylbenzene	5.	Ü	
	100-42-5	Styrene	_! 5. 5.	U	į
1 1	330-20-7	Xylene (total)	_; 5. 5.	Ü	,
! ^`	200 20 /	77 20110 (000027)	-;		
			 ' 		

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

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1 ¦UN		1 1	, 5.	:==== : J
2				
3				
4		- ii	<u> </u>	
5				
7				
8				
9				
10		!- !		
11		-[-
13				
14				
15. <u> </u>		_!!		
16		_		
17		-		
19				
20				
21;	<u> </u>	_		
22		- ·		
23		-;		
25 . <u></u>				
26	And the second s	_	· · · · · · · · · · · · · · · · · · ·	
27		_		
28	· · · · · · · · · · · · · · · · · · ·	- ·		
29				

FORM I VOA-TIC

FORM I - IN

U.S. EPA - CLP

EPA SAMPLE NO

7,

INORGANIC ANALYSIS DATA SHEET

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB Case No.: CRO03 SAS No.:

SDG No.: CROOC

XXXMW5

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

		1	1				1
	CAS No.	Analyte	Concentration	С	Q	М	
	7429-90-5	Aluminum				- NR	
ļ	7440-36-0	Antimony		_		NR	
į	7440-38-2	Arsenic		_		NR	
	7440-39-3	Barium		_		NR	
	7440-41-7	Beryllium	,	_		NR	}. <u>`</u> .
	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	В		A	
	7439-89-6	Iron				NR	
1	7439-92-1	Lead	3.9	B	W	F	
	7439-95-4	Magnesium			<u>'</u>	NR	
1	7439-96-5	Manganese				NR	
1	7439-97-6	Mercury				NR	
ĺ	7440-02-0	Nickel			. ,	NR	
	7440-09-7	Potassium				NR	
1	7782-49-2	Selenium				NR	
	7440-22-4	Silver		\Box		NR	
	7440~23-5	Sodium				NR	
	7440-28-0	Thallium		\Box		NR	
- [-	7440-62-2	Vanadium		\Box		NR	
1	7440-66-6	Zinc		_		NR	
		Cyanide		\perp		NR	
1.				_		.	

Color Before: COLORLESS Clarity Before: CLEAR

Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

DATE REPORTED: JANUARY 9, 1991

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 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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L or

74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	Ú
75-01-4	Vinyl Chloride	10.	Ú
75-00-3	Chloroethane	10.	0
75 00 0	Matheulana Chlawida	1	U
67-64-1	AcetoneCarbon Disulfide1,1-Dichloroethene1.1-Dichloroethane	10.	-
75-15-0	Carbon Disulfide		<u> </u>
75-35-4	1 1-Dichloroethene		o Tito
75-24-3	1,1-Dichloroethane		J
	1,2-Dichloroethene (total)		
67-66-3	Chloroform	-	J .
107.06.0	Chloroform		-
107-06-2	1,2-Dichioroethane	5. [5	
/8-93-3	2-Butanone	_ 10. 1	J
71-55-6	1,1,1-Trichloroethane	18.	
56-23-5	Carbon Tetrachloride	5.	_
108-05-4	Vinyl Acetate	10. 1	
75-77-4		= !	J
78-87 - 5 -		; 5. ;:	J
0061-01-5	cis-1,3-Dichloropropene	5. 1	J
79 - 01-6- 	Trichloroethene		J
124-48-1	Dibromochloromethane		J
/ / 00 - 3	1,1,2 Illustration decirate		J
71-43-2	Benzene	; 5. ;(J
	trans-1,3-Dichloropropene _		J
75 - 25-2	Bromoform		J
108-10-1	4-Methyl-2-Pentanone	<u>- </u>	J .
591-78-6	2-Hexanone	10.	J
127-18-4	2-Hexanone Tetrachloroethene 1,1,2,2-Tetrachloroethane		,
79-34-5	1.1.2.2-Tetrachloroethane		٠ ر
108-88-3	Toluene	<u> </u>	J
108-90-7	Toluene Chlorobenzene		,
100-41-4	Ethylbenzene	5	J
100-42-5	Ethylbenzene Styrene Xylene (total)	5. 1	J
1220-20-7		5. 1	

Lab Code: H2M

575 Broad Hoilow Road, Melville, N.Y. 11: (516) 694-3040 FAX: (516) 694-4122 EPA SAMPLE N

\$DG No.: 03

MW6

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M Contract: NYSDEC

Case No.: CRO

SAS No.:

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

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

CAC AUMOST	COMPOUND NAME	1 0 = 1	EST. CONC.	
CAS NUMBER		:	EST. CONC.	
1				
3				!
4		[———]		!
5		i ————		i ——
6		[1.7.2.1	
7		[[<u> </u>
9.				
10			The state of the s	
11				
12				
13		·		
14				
16.				
17				
18		ļ !.		
19		·		
20		i ——— i	<u>·</u>	
21		 		· · · · ·
23	•			
24				
25				<u> </u>
27				
29		Table 7.2 (1.22)		
30				
		- 1		

FORM I VOA-TIC

FORM I - IN

U.S. EPA - CLP

EPA SAMPLE NO

INORGANIC ANALYSIS DATA SHEET

XXXMW6

Lab Name: H2M LABS, INC.

Contract:

7/

Lab Code: H2MLAB Case No.: CR003 SAS No.: SDG No.: CR0003

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	С	Q	М	
7429-90-5	Aluminum		-		NR	
7440-36-0	Antimony		_		NR	
7440-38-2	Arsenic		_		NR	l
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		\neg		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

575 Broad Hollow Road, Melville, N.Y. 11 (516) 694-3040 FAX: (516) 694-4122

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

MWZ

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

CAS NO.

COMPOUND

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

74-97-3	Chloromethane	1	1
74-83-9	Bromomethane	_ 10.	; U
75-01-4	Vinyl Chloride	_[10.	
75-00-3	Chloroethane	470.	; E
75-09-2	Methylene Chloride	1300.	_
67-64-1	Acetone	100.	1
75-15-0- - -	Carbon Disulfide	20.	ļυ
75-35-4	1,1-Dichloroethene	260.	
75-37-3-4	1,1-Dichloroethane	2900	E
540-59-0	1,2-Dichloroethene (total)_		5
67-66-3	Chloroform	., 36.	1 7
107-06-3	Chloroform	. 3.	; J
79-03-2	2-Putanone		t s
70-73-3	2-Butanone	170.	_
			; E
100 05 4	Carbon Tetrachloride	5.	U
108-05-4	Vinyl Acetate	.! 10.	U
/5-2/-4	Bromodichloromethane	.; 5	U -
78-87-5	1,2-Dichloropropane	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	ŀυ
/9-01-6	Trichloroethene	11.	1
124-48-1	Dibromochloromethane	5.	¦U
79-00-5	1,1,2-Trichloroethane		U
71-43-2	Benzene	5.	¦ J
10061-02-6	trans-1,3-Dichloropropene	5.	Ų
75-25-2	Bromoform	5.	U
108-10-1	4-Methyl-2-Pentanone	10.	U
591-78-6		10.	U
127-18-4	Tetrachloroethene	35.	1
79-34-5	1,1,2,2-Tetrachloroethane	5.	¦ U
108-88-3 - -	Toluene	29.	
<u>::::</u> 108-90-7	1,1,2,2-TetrachloroethaneTolueneChlorobenzene	[14-11.1 am 19/5	U
100-41-4	Ethylbenzene	i 5.	U
100-42-5	Styrene	. 5.	¦U
1330-20-7	Xylene (total)	; 5.	; U

575 Broad Hollow Road, Melville, N.Y. 11-(516) 694-3040 FAX: (516) 694-4122 EPA SAMPLE NO

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

MWZ

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 2 3 3 4 5 6 7 8 10 11 12 13 14 15 16 17 18 18	Ethane, (methylthio)- (9CI) UNKNOWN UNKNOWN UNKNOWN CHLOROMETHYLBENZENE(ISOMER)	4.82 8.19 9.91 12.85	EST. CONC. 10. 7. 5. 9. 7.	G ====
19				

FORM I VOA-TIC

Lab Name: H2M

Lab Code: H2M

575 Broad Hollow Road, Melville, N.Y. 117:1 (516) 694-3040 FAX: (516) 694-4122

SDG No .: 03

MW7

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

ÐL

Contract: NYSDEC

SAS No.:

Contract: NISDEC

Case No.: CRO

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

	1		
74-87-3Chloromethane	500.	J	!
74-83-9Bromomethane	500.	_	
75-01-4Vinyl Chloride	230.	J D	1
75-00-3Chloroethane	1000	ם	1
75-09-2Methylene Chloride	490.	_	ľ
67-64-1Acetone	500.		1 .
75-15-0Carbon Disulfide	250. !!		1
75-35-41,1-Dichloroethene	_,		! !
75-34-31,1-Dichloroethane	3400.		1000 (20)
	• • • • • • • • • • • • • • • • • • • •		1 7 1
540-59-01,2-Dichloroethene (total)		2	1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 /
67-66-3Chloroform	. 250 U	1. 562	
107-06-21,2-Dichloroethane	. 250. U		
78-93-32-Butanone	500.		7.12
71-55-61,1,1-Trichloroethane		D	
56-23-5Carbon Tetrachloride	• •	_	
108-05-4Vinyl Acetate	; 500. [U		, ,
75-27-4Bromodichloromethane	• •		
78-87-5 1,2-Dichloropropane	.¦ 250. ¦U		i
10061-01-5cis-1,3-Dichloropropene	; 250. ¦U	1	i I
79-01-6Trichloroethene	- 250. U	granica de la constanta de la constanta de la constanta de la constanta de la constanta de la constanta de la c	7 1. 1.
124-48-1Dibromochloromethane	250 - U	· · · · · · · · · · · ·	
79-00-5 1,1,2-Trichloroethane	; 250. ¦U		
71-43-2Benzene	. 250U	. :	:
10061-02-6trans-1,3-Dichloropropene	250. U		
75-25-2Bromoform	1 250. U		
108-10-14-Methyl-2-Pentanone	; 500. U		
591-78-62-Hexanone	500 == U		
127-18-4Tetrachloroethene	U		
79-34-51,1,2,2-Tetrachloroethane	250U		
108-88-3Toluene	250U	servano I	T-+101/
108-90-7Chlorobenzene	250 . U		
100-41-4Ethylbenzene	250 U		
100-42-5Styrene	250. U	1	
1330-20-7Xylene (total)	250. U	;	
,		- 1	

1/87 Rav.

H2M LABS, 18

575 Broad Hollow Road, Melville, N.Y. 1174 (516) 694-3040 FAX: (516) 694-4122 EPA SAMPLE NO

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

MWZ 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

CONCENTRATION UNITS:

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

CAS NUMBER	COMPOUND NAME	EST. CONC.	
1			
3			
6		 	
9			· .
11			
15			
16 17 18			
19. 20. 21.			
22			
24 25 26	erro gera da matematica er e estado.		
27 28	The second secon	 	
29 30		 	

FORM I - IN

U.S. EPA - CLP

EPA SAMPLE NO

XXXMW7

7,

INORGANIC ANALYSIS DATA SHEET

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB Case No.: CRO03 SAS No.:

SDG No.: CROOD

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

		i			-	r
CAS No.	Analyte	Concentration	С	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	В		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		\perp		NR	
	Cyanide				NR	
			_		I	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MWB

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

CONCENTRATION UNITS:

CAS NO. COMPOUND

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

Q

74-87-3	Chloromethane	10.	ļ
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl Chloride	49.	1
75-00-3	Chloroethane	10.	ļυ
75-09-2	Methylene Chloride_	5.	U
67-64-1	Acetone	10.	.U
75-15-0	Carbon Disulfide	15.	1
75-35-4	1,1-Dichloroethene		<u>'</u> υ '' '
	1,1-Dichloroethane	14.	10
	1,2-Dichloroethene (total)		
1 540 57-0	Chloroform	5	1
107-06-3	1,2-Dichloroethane	.1 5	
79-02-2	2-Putanono	5.	U
70-73-3	2-Butanone	10.	¦υ
/1-55-6	1,1,1-1f1Chioroethane		ا ل ا
100 05 4	Carbon Tetrachloride		U
108-05-4	Vinyl Acetate	10.	U
75-27-4	Bromodichloromethane	5.	(U
/8-8/-5	1,2-Dichloropropane	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
79-01-6	Trichloroethene		J.,
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5	
	Benzene	5.	
10061-02-6	trans-1,3-Dichloropropene	5.	
75-25-2	Bromoform		U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6- 	2-Hexanone	- 10.	
127-18-4	Tetrachloroethene	5.	U
79-34-5	1,1,2,2-Tetrachloroethane		U
108-88-3	Toluene <u>de la de la de la de</u>		U
108-90-7	Chlorobenzene		U
100-41-4	Ethylbenzene		U
100-42-5	Styrene		U
1330-20-7	Xylene (total)	5.	U

1/87 Rev.

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

MW8

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

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

CONCENTRATION UNITS:
Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT.	EST. CONC.	Q
1	NNKNOMN	=======	=======================================	=====
13. 14. 15. 16. 17. 18. 19. 20. 21.				
22. 23. 24. 25. 26. 27. 28. 29.				- 12-

FORM I - IN

U.S. EPA - CLP

EPA SAMPLE NO

INORGANIC ANALYSIS DATA SHEET

Lab Name: H2M LABS, INC.

Contract:

8 WMXXX

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	С	Q	М
	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		\neg		NR
	7440-09-7	Potassium				NR
	7782-49-2	Selenium		\neg		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		\Box		NR
		Cyanide		\Box		NR
				_		.

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

BROWN ARTIFACTS

575 Broad Hollow Road, Melville, N.Y. 1174 (516) 694-3040 FAX: (516) 694-4122

-1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MMA

Lab Name: H2M

Case No.: CRO

SAS No.:

Contract: NYSDEC

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 C

74-87 - 3- -	Chloromethane	1	10.	υ¦		1
74-83 - 9	Bromomethane	i J	10.	Įυ		i
75-01-4	Vinyl Chloride		10.	¦υ		I I
75-00 - 3	Chloroethane	1	10.	υ		1
75-09-2- -	Methylene Chloride	1	`5`.	¦ U		1
67-64-1	Acetone	1	10.	; ∪		1
75-15 - 0	Carbon Disulfide		5	ļυ		1
75-35-4	1,1-Dichloroethene	1	6.	-		F : .
75-34 -3-	1,1-Dichloroethane	1	19.	1		1
540-59-0	1,2-Dichloroethene (total)	1	79.	1		1
67-66 -3 -	Chloroform	- ''	5.	¦υ		1 [
107-06-2	1,2-Dichloroethane	1	5.	¦υ		ţ I
78-93-3	2-Butanone 1,1,1-Trichloroethane	1	10.	¦υ		1
71-55-6	1,1,1-Trichloroethane	!	12.	1		! !
56-23-5	Carbon Tetrachloride	1	5.	¦υ		1
108-05-4	Vinyl Acetate	!	10.	¦υ		1
75-2 7-4	Bromodichloromethane	1	5.			1
	1,2-Dichloropropane	1	5.			1
0061-01-5	cis-1,3-Dichloropropene	1	5.	¦υ		ľ
79-01-6	Trichloroethene	1	59.	. !		1
	Dibromochloromethane		5.			!
	1,1,2-Trichloroethane		5.	U		1
71-43-2	Benzene	1	5.	ļυ		į
			5.	ļU		į
75-25-2	Bromoform	!	5.	¦U		
	4-Methyl-2-Pentanone		10.			
591 <i>-</i> 78-6 	2-Hexanone		10.			i
127-18-4	Tetrachloroethene		8.	i	į	,
···79-34 - 5	1,1,2,2-Tetrachloroethane <u></u>		5.			i
108-88-3	Toluene		5.	¦∪ .		j*
	Chlorobenzene		5.	įυ		1
	Ethylbenzene		5.	¦U		
100-42-5	Styrene	1	5. 5.	U		1
1330-20-7	Xylene (total)	1	5.	¦ U		1

575 Broad Hollow Road, Melville, N.Y. 1174 (516) 694-3040 FAX: (516) 694-4122 EPA SAMPLE NO

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M

Contract: NYSDEC

MW9

Lab Code: H2M Case No.: CRO SAS Nc.: 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

CAS NUMBER	COMPOUND NAME	RT	40	Q
1		1		
3				
4				
6				
8				
10		!	-	
; 11;;				
12				
14		!		
16				
17				
19			· · · · · · · · · · · · · · · · · · ·	i
21				
23				
24				
26				· ·
28				
30				

FORM I - IN

U.S. EPA - CLP

EPA SAMPLE N

INORGANIC ANALYSIS DATA SHEET

ewwxxx

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB Case No.: CRO03 SAS No.: SDG No.: CRO06

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	С	Q	М
7429-90-5	Aluminum		-		$- _{\overline{NR}}$
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			TA.
7439-89-6	Iron		\neg		NR
7439-92-1	Lead	9.1	\neg		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese		\neg		NR
7439-97-6	Mercury		\neg		NR
7440-02-0	Nickel				NR
7440-09-7	Potassium		\neg		NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium		\Box		NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium		\Box		NR
7440-66-6	Zinc		\Box		NR
	Cyanide				NR
					1

Color Before: ORANGE Clarity Before: OPAQUE Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

BROWN ARTIFACTS

575 Broad Hollow Road, Meiville, N.Y. 11-(516) 694-3040 FAX: (516) 694-4122

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

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) LCW

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

		 				
74-87-3	Chloromethane	! ! !	10.	U		1
74-83-9	Bromomethane	! 1	10.	įυ		i
75-01-4	Vinyl Chloride	1	10.	įυ		i
75-00-3	Chloroethane	i i	10.	įυ		i
75-09-2	Methylene Chloride		` 5.	įυ		į
	Acetone		10.	įυ		į
75-15-0	Carbon Disulfide		5.	įυ		i
	1,1-Dichloroethene		5.	Ü		·
	1,1-Dichloroethane		6.	;		
	1,2-Dichloroethene (total)		32.	į		
	Chloroform		5.	U		i
	1,2-Dichloroethane	'	5.	Ū		
	2-Butanone	,	10.	Ü		į
71-55-6	1,1,1-Trichloroethane		5.	ĺΰ		•
	Carbon Tetrachloride		5.	· Ū	1	i
	Vinyl Acetate		10.	Ū		i
	Bromodichloromethane		5.	Ü		
	1,2-Dichloropropane		5.			i
	cis-1,3-Dichloropropene;		5.	•		
	Trichloroethene		30.	ļŤ,	į	į
	Dibromochloromethane		5.	įυ		į
	1,1,2-Trichloroethane		5.	Ü		i
	Benzene		5.	Ü	i	į
	trans-1,3-Dichloropropene		5.	Ū	į	į
	Bromoform		5.	įυ	į	1
108-10-1	4-Methyl-2-Pentanone		10.	įυ	İ	!
	2-Hexanone		10.	÷Įυ	1	
127-18-4	Tetrachloroethene		5	-		i
79-34-5	1,1,2,2-Tetrachloroethane		5.	¦U		
108-88-3	1,1,2,2-Tetrachloroethane		5.	įυ		i
108-90-7	Chlorobenzene	• • • •	5 ; -	- U	200 200	; ···
100-41-4	Ethylbenzene		5.	U	1	
100-42-5	Styrene:		5.	U	1	í
1330-20-7	Xylene (total)		5.	ļυ	1	i
1330 20 /				•		

575 Broad Hollow Road, Meiville, N.Y. 1174 (\$16) 694-3040 FAX: (\$16) 694-4122 EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M Contract: NYSDEC MW10

Lab Code: H2M

Case No.: CRO

SAS No.:

5DG 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

CAS NUMBER	COMPOUND NAME		EST. CONC.	Q
; <u>-</u> ; <u></u>	=======================================	== ======	=========	=====
1				
2		— — 		
3			55	
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		_		

FORM I - IN

U.S. EPA - CLP

EPA SAMPLE NO

7/

INORGANIC ANALYSIS DATA SHEET

Lab Name: H2M LABS, INC.

Contract:

XXMW10

Lab Code: H2MLAB Case No.: CR003 SAS No.:

SDG No.: CROOO.

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

			Γ			ı
CAS No.	Analyte	Concentration	С	Q	М	
7429-90-5	Aluminum		-	-	- NR	
7440-36-0	Antimony				NR	ĺ
7440-38-2	Arsenic				NR	
7440-39-3	Barium		_		NR	
7440-41-7	Beryllium				NR	ŀ.:
7440-43-9	Cadmium				NR	
7440-70-2	Calcium				NR	
7440-47-3	Chromium				NR	
7440-48-4	Cobalt				NR	ĺ
7440-50-8	Copper	30.0			A	
7439-89-6	Iron				NR	
7439-92-1	Lead	2.4	В	, v	F	
7439-95-4	Magnesium				NR	
7439-96-5	Manganese		\neg		NR	
7439-97-6	Mercury		\neg		NR	
7440-02-0	Nickel				NR	
7440-09-7	Potassium		\neg		NR	
7782-49-2	Selenium				NR	
7440-22-4	Silver		\Box		NR	
7440-23-5	Sodium		\Box		NR	
7440-28-0	Thallium				NR	
7440-62-2	Vanadium		\perp		NR	
7440-66-6	Zinc				NR	
	Cyanide		\perp		NR	
			_	•	.	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

DATE REPORTED: JANUARY 9, 1991

\$ 0048

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:

CONCENTRATION UNITS:

CAS NO. COMPOUND

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

Q

74-87-3Chlorome	thane		10.	; ; U
74-83-9Bromomet	hane		10.	Ü
75-01-4Vinyl Ch	loride		10.	Ü
75-00-3Chloroet	hane		10.	Ū
75-09-2Methyler	e Chloride		5.	Ü
67-64-1Acetone	!		74.	!
75-15-0Carbon D	isulfide		5.	υ
75-35-41,1-Dich	lorgethene	<u>.</u>	9.	
75-34-31,1-Dich	loroethane	77.	16.	(7)
540-59-01,2-Dich	loroethene (total)		86.	
67-66-3Chlorofo	rm		5.	¦υ ¦
107-06-21,2-Dich	loroethane		5.	
79-93-2	no decitatie			10 1
78-93-32-Butano 71-55-61,1,1-Tr	ichloroethano		62.	1 1
56-23-5Carbon T	otrachleride		16.	; 1 [] []
109-05-4	etraciioride			¦υ ;
108-05-4Vinyl Ac 75-27-4Bromodic	bloromothers			U
				i U
78-87-51,2-Dich				¦U
10061-01-5cis-1,3-	Dichioropropene;			¦U ¦
79-01-6Trichlor	b)		79.	i i
124-48-1Dibromoc				U
79-00-51,1,2-Tr	ichioroethanei			¦υ
71-43-2Benzene				¦U ¦
.0061-02-6trans-1,	3-Dichloropropene			U ;
75-25-2Bromofor	mi			ļυ ¦
108-10-14-Methyl	-2-Pentanone		14.	i i
591-78-62-Hexano	ne	· · · · · · · · · · · · · · · · · · ·		U
127-18-4Tetrachl	proethene	- '	8.	i i
79-34-51,1,2,2-	Tetrachioroethane		,	U ;
108-88-3Toluene 108-90-7Chlorobe	i		•	U
108-90-7Chlorobe	nzene	****	-	U ;
100-41-4Ethylben	zene			U
100-42-5Styrene	<u> </u>			U
1330-20-7Xylene (roral) :		5.	!U :

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

VCLATILE 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: (scil/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

1 UNKNOWN HYDROCARBON	CAS NUMBER	COMPOUND NAME	 RT	EST. CONC.	
28. 29. 30.	1.	UNKNOWN HYDROCARBON UNKNOWN KETONE Pentanal (9CI) UNKNOWN UNKNOWN HYDROCARBON UNKNOWN UNKNOWN UNKNOWN UNKNOWN	4.83 6.75 8.00 8.08 10.31 11.30 13.19 14.26 14.44 16.11	5. 5. 10. 9. 20. 5. 30. 40. 90.	J J J J J J J J J J J J J J J J J J J

FORM I - IN

U.S. EPA - CLP

EPA SAMPLE NO

7,

INORGANIC ANALYSIS DATA SHEET

Lab Name: H2M LABS, INC.

Contract:

Lab Code: H2MLAB Case No.: CR003 SAS No.:

SDG No.: CROOC

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	С	Q	М
7429-90-5	Aluminum		-		- NR
7440-36-0	Antimony		_		NR
7440-38-2	Arsenic		_	Ī	NR
7440-39-3	Barium		-	Ī	NR
7440-41-7	Beryllium		_	<u> </u>	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	В	۴	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		\Box		NR
	Cyanide				NR
					_ _

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

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

Dilution Factor:

Column: (pack/cap) CAP

CAS NO COMPOUND

1.00

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

74-87-3Chloromethane 10. U 74-83-9Bromomethane 10. U 75-01-4Vinyl Chloride 10. U 75-00-3Chloroethane 10. U 75-09-2Methylene Chloride 4. EBJ 67-64-1Acetone 10. U 75-15-0Carbon Disulfide 5. U 75-35-41,1-Dichloroethene 5. U 75-34-31,1-Dichloroethane 5. U 540-59-01,2-Dichloroethane 5. U 67-66-3		(49,20.49	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			•	
74-83-9Bromomethane 10. U 75-01-4Vinyl Chloride 10. U 75-00-3Chloroethane 10. U 75-09-2Methylene Chloride 4. BJ 67-64-1Acetone 10. U 75-15-0Carbon Disulfide 5. U 75-35-41,1-Dichloroethene 5. U 75-34-31,1-Dichloroethane 5. U 540-59-01,2-Dichloroethane 5. U 107-06-21,2-Dichloroethane 5. U 107-06-21,1,1-Trichloroethane 5. U 78-93-32-Butanone 10. U 71-55-61,1,1-Trichloroethane 5. U 56-23-5Carbon Tetrachloride 5. U 108-05-4Vinyl Acetate 10. U 75-27-4Bromodichloromethane 5. U 1061-01-5cis-1,3-Dichloropropane 5. U 10061-01-5cis-1,3-Dichloromethane 5. U 79-01-6Trichloroethane 5. U 79-02-61,1,2-Trichloroethane 5. U 104-48-1Dibromochloromethane 5. U 108-10-14-Methyl-2-Pentanone 10. U 108-10-14-Methyl-2-Pentanone 5. U 108-88-31,1,2,2-Tetrachloroethane	74-87-3	Chloromethane		10.	:0		1
75-01-4Vinyl Chloride	74-83-9	Bromomethane	-;				!
75-00-3Chloroethane	75-01-4	Vinyl Chloride	- ;				i
75-09-2Methylene Chloride	75-00-3	Chloroethane	~ }				i
67-64-1 Acetone 10. U 75-15-0	75-09-2	Methylene Chloride .	- '			J	į
75-35-41,1-Dichloroethene	67-64-1	Acetone	- <u>i</u>	10.	įυ		į
75-35-41,1-Dichloroethene	75-15-0	Carbon Disulfide	-;		-		
75-34-31,1-Dichloroethane	75-35-4	1.1-Dichloroethene	-i				i
540-59-01,2-Dichloroethene (total) 5. U 67-66-3Chloroform 5. U 107-06-21,2-Dichloroethane 5. U 78-93-32-Butanone 10. U 71-55-61,1,1-Trichloroethane 5. U 56-23-5Carbon Tetrachloride 5. U 108-05-4Vinyl Acetate 10. U 75-27-4Bromodichloromethane 5. U 78-87-51,2-Dichloropropane 5. U 10061-01-5cis-1,3-Dichloropropene 5. U 79-01-6Trichloroethene 5. U 124-48-1Dibromochloromethane 5. U 79-00-51,1,2-Trichloroethane 5. U 71-43-2Benzene 5. U 1061-02-6	75-34-3	1.1-Dichloroethane	:				į
101-00-2	540-59-0	1 2-Dichloroethene (total)	Ť		:	-	į
101-00-2	67-66-3	Chloroform	-1			•	į .
78-93-32-Butanone 10. U 71-55-61,1,1-Trichloroethane 5. U 56-23-5Carbon Tetrachloride 10. U 108-05-4Vinyl Acetate 10. U 75-27-4Bromodichloromethane 5. U 78-87-51,2-Dichloropropane 5. U 10061-01-5cis-1,3-Dichloropropene 5. U 79-01-6Trichloroethene 5. U 124-48-1Dibromochloromethane 5. U 79-00-51,1,2-Trichloroethane 5. U 71-43-2Benzene 5. U 10061-02-6trans-1,3-Dichloropropene 5. U 75-25-2Bromoform 5. U 108-10-14-Methyl-2-Pentanone 10. U 127-18-4Tetrachloroethene 5. U 79-34-51,1,2,2-Tetrachloroethane 5. U 108-88-3Chlorobenzene 5. U 109-42-5Styrene 5. U 100-42-5Styrene 5. U 1330-20-7	107-06-2	1 2-Dichloroethane	• !		•		į
56-23-5Carbon Tetrachloride 5. U 108-05-4Vinyl Acetate 10. U 75-27-4Bromodichloromethane 5. U 78-87-51,2-Dichloropropane 5. U 10061-01-5cis-1,3-Dichloropropene 5. U 79-01-6Trichloroethene 5. U 124-48-1Dibromochloromethane 5. U 79-00-51,1,2-Trichloroethane 5. U 71-43-2Benzene 5. U 1061-02-6trans-1,3-Dichloropropene 5. U 75-25-2Bromoform 5. U 108-10-14-Methyl-2-Pentanone 10. U 127-18-4Tetrachloroethene 5. U 108-88-3Toluene 5. U 108-88-3Toluene 5. U 100-41-4Ethylbenzene 5. U 100-42-5	79-92-2	2-But apope	-				:
56-23-5Carbon Tetrachloride 5. U 108-05-4Vinyl Acetate 10. U 75-27-4Bromodichloromethane 5. U 78-87-51,2-Dichloropropane 5. U 10061-01-5cis-1,3-Dichloropropene 5. U 79-01-6Trichloroethene 5. U 124-48-1Dibromochloromethane 5. U 79-00-51,1,2-Trichloroethane 5. U 71-43-2Benzene 5. U 1061-02-6trans-1,3-Dichloropropene 5. U 75-25-2Bromoform 5. U 108-10-14-Methyl-2-Pentanone 10. U 127-18-4Tetrachloroethene 5. U 108-88-3Toluene 5. U 108-88-3Toluene 5. U 100-41-4Ethylbenzene 5. U 100-42-5Styrene 5. U 1330-20-7Xylene (total) 5. U	71-55-4	1 1 1-Trichloroethane	-¦				!
108-05-4Vinyl Acetate 10. U 75-27-4Bromodichloromethane 5. U 78-87-51,2-Dichloropropane 5. U 10061-01-5cis-1,3-Dichloropropene 5. U 79-01-6Trichloroethene 5. U 124-48-1Dibromochloromethane 5. U 79-00-51,1,2-Trichloroethane 5. U 71-43-2Benzene 5. U 1061-02-6trans-1,3-Dichloropropene 5. U 75-25-2Bromoform 5. U 108-10-14-Methyl-2-Pentanone 10. U 127-18-4Tetrachloroethene 5. U 79-34-51,1,2,2-Tetrachloroethane 5. U 108-88-3Toluene 5. U 108-90-7Chlorobenzene 5. U 100-41-4Ethylbenzene 5. U 100-42-5Styrene 5. U 1330-20-7Xylene (total) 5. U	71-33-6	Carbon Tetrachloride	•}				1
10061-01-5cis-1,3-Dichloropropene 5. U	100-05-4		-:				i
10061-01-5cis-1,3-Dichloropropene 5. U	75-07-4		.1		•		!
0061-01-5cis-1,3-Dichloropropene 5. U 79-01-6Trichloroethene 5. U 124-48-1Dibromochloromethane 5. U 79-00-51,1,2-Trichloroethane 5. U 71-43-2Benzene 5. U .0061-02-6trans-1,3-Dichloropropene 5. U .0061-02-6Bromoform 5. U .0061-02-6	79-07-5	2-Dichlerory chare	- [_			ļ
79-01-6Trichloroethene 5. U 124-48-1Dibromochloromethane 5. U 79-00-51,1,2-Trichloroethane 5. U 71-43-2Benzene 5. U .0061-02-6trans-1,3-Dichloropropene 5. U 75-25-2Bromoform 5. U 108-10-14-Methyl-2-Pentanone 10. U 591-78-62-Hexanone 10. U 127-18-4Tetrachloroethene 5. U 79-34-51,1,2,2-Tetrachloroethane 5. U 108-88-3Toluene 5. U 108-90-7Chlorobenzene 5. U 100-41-4Ethylbenzene 5. U 100-42-5Styrene 5. U 1330-20-7Xylene (total) 5. U							į
124-48-1Dibromochloromethane 5. U 79-00-51,1,2-Trichloroethane 5. U 71-43-2Benzene 5. U 0061-02-6trans-1,3-Dichloropropene 5. U 75-25-2Bromoform 5. U 108-10-14-Methyl-2-Pentanone 10. U 591-78-62-Hexanone 10. U 127-18-4Tetrachloroethene 5. U 79-34-51,1,2,2-Tetrachloroethane 5. U 108-88-3Toluene 5. U 108-90-7Chlorobenzene 5. U 100-41-4Ethylbenzene 5. U 1330-20-7Xylene (total) 5. U					•		!
79-00-51,1,2-Trichloroethane 5. U 71-43-2Benzene 5. U 0061-02-6trans-1,3-Dichloropropene 5. U 75-25-2Bromoform 5. U 108-10-14-Methyl-2-Pentanone 10. U 591-78-62-Hexanone 10. U 127-18-4Tetrachloroethene 5. U 79-34-51,1,2,2-Tetrachloroethane 5. U 108-88-3Toluene 5. U 108-90-7Chlorobenzene 5. U 100-41-4Ethylbenzene 5. U 1330-20-7Xylene (total) 5. U	124-49-1	Dibromochloromethane	·¦			• • • • •	!
71-43-2Benzene 5. U 0061-02-6trans-1,3-Dichloropropene 5. U 75-25-2Bromoform 5. U 108-10-14-Methyl-2-Pentanone 10. U 591-78-62-Hexanone 10. U 127-18-4Tetrachloroethene 5. U 79-34-51,1,2,2-Tetrachloroethane 5. U 108-88-3Toluene 5. U 108-90-7Chlorobenzene 5. U 100-41-4Ethylbenzene 5. U 1330-20-7Xylene (total) 5. U	70-00-5	1 1 2-Trichleroethane	. [-		
0061-02-6trans-1,3-Dichloropropene 5. U 75-25-2Bromoform 5. U 108-10-14-Methyl-2-Pentanone 10. U 591-78-62-Hexanone 10. U 127-18-4Tetrachloroethene 5. U 79-34-51,1,2,2-Tetrachloroethane 5. U 108-88-3Toluene 5. U 108-90-7Chlorobenzene 5. U 100-41-4Ethylbenzene 5. U 100-42-5Styrene 5. U 1330-20-7	74-00-5		.1 '		•		i .
75-25-2Bromoform 5. U 108-10-14-Methyl-2-Pentanone 10. U 591-78-62-Hexanone 10. U 127-18-4Tetrachloroethene 5. U 79-34-51,1,2,2-Tetrachloroethane 5. U 108-88-3Toluene 5. U 108-90-7Chlorobenzene 5. U 100-41-4Ethylbenzene 5. U 100-42-5Styrene 5. U 1330-20-7Xylene (total) 5. U	71-43-2	trans-1 2-0ichlerence	. I t				1
108-10-14-Methyl-2-Pentanone 10. U 591-78-62-Hexanone 10. U 127-18-4Tetrachloroethene 5. U 79-34-51,1,2,2-Tetrachloroethane 5. U 108-88-3Toluene 5. U 108-90-7Chlorobenzene 5. U 100-41-4Ethylbenzene 5. U 100-42-5Styrene 5. U 1330-20-7Xylene (total) 5. U) t
591-78-62-Hexanone 10. U 127-18-4Tetrachloroethene 5. U 79-34-51,1,2,2-Tetrachloroethane 5. U 108-88-3Toluene 5. U 108-90-7Chlorobenzene 5. U 100-41-4Ethylbenzene 5. U 100-42-5Styrene 5. U 1330-20-7Xylene (total) 5. U	100-10-1	4-Mathyl-2-Contanana	. [į į
108-88-3	108-10-1	2-Usyanana	1	•	-	.	1
108-88-3	591-/8-6	Tatrachler at hard	·				1
108-88-3Toluene	12/-18-4	retrachioroethene				1	•
108-90-7Chlorobenzene 5. U 100-41-4Ethylbenzene 5. U 100-42-5Styrene 5. U 1330-20-7Xylene (total) 5. U	79-34-3	Talvana	1.	5. E		1	1
100-41-4Ethylbenzene	108-88-3	Chlorehe	j rate 157 I	٥.		1	
100-42-5Styrene 5. U 1330-20-7Xylene (total) 5. U	108-90-/	Chioropenzene	1			1	1
1330-20-7Xylene (total)5. U	100-41-4	Ethyloenzene	1				1
	1220-20-7	Styrene	1			1	1
	1330-20-/	XAIGUG (roral)	!	٥.	10) !
			· ———		-1-		, , , ,

1/87 Rev

575 Broad Hollow Road, Melville, N.Y. 117. (516) 694.3040 FAX: (516) 694.4122 EPA SAMPLE NO.

VCLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Contract: NYSDEC

FIELDBLK I

Lab Name: H2M

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

CAS NUMBER	COMPOUND NAME	: RT	EST. CONC.	
1.	UNKNOWN HYDROCARBON UNKNOWN HYDROCARBON ONE OF THE	4.71 15.66 16.09	8. 60.	
26				

COVER PAGE - IN

REV 6/89

U.S. EPA - CLP

EPA SAMPLE NO

INORGANIC ANALYSIS DATA SHEET

Lab Name: H2M LABS, INC.

Contract:

FLDBLK

Lab Code: H2MLAB Case No.: CR003 SAS No.: SDG No.: CR000

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

1	1				
CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum		-		$- _{\overline{NR}}$
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium		<u> </u>		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		\Box		NR
7440-50-8	Copper	10.0	U		A
7439-89-6	Iron		\Box		NR
7439-92-1	Lead	0.50	U		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese		\neg		NR
7439-97-6	Mercury		\neg		NR
7440-02-0	Nickel .				NR
7440-09-7	Potassium		\exists		NR
7782-49-2	Selenium		\Box		NR
7440-22-4	Silver		\Box		NR
7440-23-5	Sodium		\Box		NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc		\perp		NR
	Cyanide		\perp		NR
l			_		

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

TRIPBLK I

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

CONCENTRATION UNITS:

CAS NO. COMPOUND . (ug/L or ug/Kg) UG/L

74-87-3Chloromethane	10. U	1
74-83-9Bromomethane	10.	i
75-01-4Vinyl Chloride		i
75-00-3Chloroethane	10. 0	į
75-09-2Methylene Chloride	4. BJ	1
67-64-1Acetone	10. U	i
75-15-0Carbon Disulfide	_5U	
75-35-41,1-Dichloroethene		IN TW
75-34-31,1-Dichloroethane	5. U	
540-59-01,2-Dichloroethene (total)		
67-66-3Chloroform	5. U	
107-06-21,2-Dichloroethane		
78-93-32-Butanone	10. U	
71-55-61,1,1-Trichloroethane	,	ì
56-23-5Carbon Tetrachloride		}
108-05-4Vinyl Acetate	10.	
75-27-4Bromodichloromethane		
78-87-51,2-Dichloropropane		!
10061-01-5cis-1,3-Dichloropropene		
79-01-6Trichloroethene		
124-48-1Dibromochloromethane		
79-00-51,1,2-Trichloroethane		į
71-43-2Benzene	5. U	· į
10061-02-6trans-1,3-Dichloropropene		į
75-25-2Bromoform	5. U	1
108-10-14-Methyl-2-Pentanone	10U	
591-78-62-Hexanone	10	
591-78-62-Hexanone	5. JU	
79-34-51,1,2,2-Tetrachloroethane	5	- j
108-88-3Toluene		
108-90-7Chlorobenzene		į
100-41-4Ethylbenzene	5. U	
100-42-5Styrene		1
1330-20-7Xylene (total)	5. U	į
77, 2011		

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

TRIPBLK I

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

CAS NUMBER	COMPOUND NAME		EST. CONC.	
1		= ; =====;	,	;====
2		-::		·
3		-	2.3	;
4		-		!
5				!
5 .		-		·
7		- [
3				
9				
)				
1.				
2				
3				
1				
5				
·				
7				
3		_		
·		_ll		
) ·ii		.i <u> </u>		
ـ - <u>ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ</u>		_		
² ·ii		-[
3 - <u> i </u>		-		
·		- - -	 -	<u> </u>
·		-[
· 		- į ———— į ·		
		-i i ·	 ;	
· — — — — — — — — — — — — — — — — — — —		-		
		-!		

APPENDIX B FIELD SAMPLING RECORD SHEETS AND DRILLING LOGS

	GROUNDWATER S	AMPLII	VG	RECOR	D	SHEET	
SI	TE: PALL CORPORATION		DAT	E: 2-7-9	2	ПМЕ:	
	18#: CROW9102	SAMF	PLER	S: MNG/M	SC		
1	AMPLE LOCATION: MW-1P			1		T: TOP OF	CASING
DE	PTH TO WATER: 4.30	FT.				14.5	
ST	ATIC WATER LEVEL: 10.2	FT.	S	STATIC VO	LUI	ME: 6.6	GALS.
МІІ	N. VOLUME TO BE REMOVE	ED: 20		GALS.			
EV	ACUATION TECHNIQUE:	SUBM.	PUM	1P 🗆	CE	NT. PUMP	
		BLADDE	IR F	PUMP	ВА	AILER	
DE	PTH TO PUMP INTAKE:	FT.					
FL	OW RATE: 20	GPM		GALS. P	ER	LINEAR F	Т.
TIM	ME PUMPED: 1-5	MINS.		2 INCH	× .	163	
TO:	TAL VOLUME PURGED: 30	GALS.		4 INCH	× .	653√	
SA	MPLING ANALYSIS:						
	VOLATILE ORGAN	vics cup	980	7			
FIE	LD PARAMETERS:						
	TEMP: NM	^D C	(CONDUCTI	VIT	Y: 250/260	us
	pH: 7.4/7.2		·	TURBIDITY	<u>'</u> :	NM	NTU
NO	TES:						
		SIGNA	TUF	RE: Micha	ا اب	n. Levs	
	H2MGROUP ENGINEERS	3 · ARCHITEC			CIENT		1

GROUNDWATER SA	MPLING	RECORD	SHEET	
SITE: PALL CORPORATION	DA	TE: 2-7-92	ПМЕ:	
JOB#: CROW9102	SAMPLE	RS: MNG/MSC		
SAMPLE LOCATION: MW-2P		MEASURING I	PT: TOP OF CA	15/NG
DEPTH TO WATER: 3.35	FT.	WELL DEPTH:	14.60	FT.
STATIC WATER LEVEL: 11.25	FT.	STATIC VOLU	ME: 7.3	GALS
MIN. VOLUME TO BE REMOVED	D: 22	GALS.		
EVACUATION TECHNIQUE:	SUBM. PU	мр 🗆 с	ENT. PUMP	\bigvee
	BLADDER	PUMP B	AILER	
DEPTH TO PUMP INTAKE: 13	FT.			
FLOW RATE: 4	GPM	GALS. PER	LINEAR F	Γ
TIME PUMPED: 6	MINS.	2 INCH x	.163	V
TOTAL VOLUME PURGED: 24	GALS.	4 INCH x	.653 🗸	
SAMPLING ANALYSIS:				
VOLATILE ORGANIC	S NYSDEC	989 CEP		
MATRIX SPIKE /MATRIX	SPIKE DU	PLICATE ANAL	YZED	
FIELD PARAMETERS:				
TEMP: NM	<u>C</u>	CONDUCTIVI	TY: 540	us
pH: 6.84		TURBIDITY:	NM	NTU
NOTES:				
	SIGNA TU	IRE: Muchoel.	M. Yorky	
H2MGROUP ENGINEERS MELVILLE N.Y.	· ARCHITECTS ·	PLANNERS · SCIEN	TOTOWA	

GROUNDWATER SAMPLING RECORD SHEET
SITE: PALL CORPORATION DATE: 2-7-92 TIME:
JOB#: CROW9102 SAMPLERS: MNG /MSC
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 V
SAMPLING ANALYSIS:
VOLATILE ORGANICS NYSDEC 989 CLP
FIELD PARAMETERS:
TEMP: OC CONDUCTIVITY: 950/440 us
PH: 6.7/6.6/6.7 TURBIDITY: NTU
NOTES: WELL WAS PUMPED DRY 6 TIMES ~4 GALS/RUGGE
SIGNATURE: Michael M. Gentels
ENGINEERS · ARCHITECTS · PLANNERS · SCIENTISTS · SURVEYORS

GROUNDWATER SA	MPLING	RECORD	SHEET	
SITE: PALL CORPORATION	DA	TE: 2-7-92	ПМЕ:	
	SAMPLE	RS: MNG/MSC		
SAMPLE LOCATION: MW-4P		MEASURING F	T: TOP OF CAS	ING
DEPTH TO WATER: 1.85	FT.	WELL DEPTH:	23.8	FT.
STATIC WATER LEVEL: 21.95	FT.	STATIC VOLUM	ME: <i>14.3</i>	GALS
MIN. VOLUME TO BE REMOVED	D: 43	GALS.		
EVACUATION TECHNIQUE:	SUBM. PU	мР СЕ	NT. PUMP	V
	BLADDER	PUMP BA	AILER	
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 ORGAN	VICS NYSDE	C 989 CLP		
FIELD PARAMETERS:				
TEMP: 0	С	CONDUCTIVIT	Y: 380/380	us
pH: 7.0/6.9		TURBIDITY:		UTN
NOTES:				
	SIGNA TU	RE: Michael	n. Sento	
H2MGROUP ENGINEERS HELVELE, N.Y.	· ARCHITECTS ·	PLANNERS - SCIENT	TOTOWA !	•

GROUNDWATER S.	AMPLING	RECORD	SHEET	
SITE: PALL CORPORATION	DA	TE: 2-7-92	ПМЕ:	
JOB#: CROW9102	SAMPLE	RS: MNG /MS	`_	
SAMPLE LOCATION: MW-5P		MEASURING	PT:TOP OF CA	SING
DEPTH TO WATER: 0.75		WELL DEPTH		
STATIC WATER LEVEL: 12.55	FT.	STATIC VOLU	JME: 8.2	GALS
MIN. VOLUME TO BE REMOVE	D: 25	GALS.		
EVACUATION TECHNIQUE:	SUBM. PU	MP C	ENT. PUMP	
	BLADDER	PUMP = E	BAILER	
DEPTH TO PUMP INTAKE:	FT.			
FLOW RATE: 15	GPM	GALS. PER	R LINEAR F	T
TIME PUMPED: 2	MINS.	2 INCH x	.163	
TOTAL VOLUME PURGED: 30	GALS.	4 INCH x	.653 🗸	
SAMPLING ANALYSIS:			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
VOLATILE ORGANI	S NYSDEC	CLP 989		
FIELD PARAMETERS:				
TEMP:	<u>'C</u>	CONDUCTIVI	TY: 570/570	us
pH: 6.4/6.4		TURBIDITY:		NTU
NOTES:				
	SIGNATU	IRE: Wich	n. 9-1	
H2MGROUP ENGINEERS MELVELE, N.Y.		t	NTISTS - SURVEYO	- 1

GROUNDWATER SA	MPLING	RECORD	SHEET	
SITE: MAN PRODUCTS	DA	TE: 2-6-92	ПМЕ:	
JOB#: CROW9102	SAMPLE	RS: MNG /MS	·c	
SAMPLE LOCATION: MW-1M		MEASURING	PT: TOP OF C	ASING
DEPTH TO WATER: 25.15	FT.	WELL DEPTH	: 35.3	FT.
STATIC WATER LEVEL: 10.15	FT.	STATIC VOLU	JME: 1.65	GALS
MIN. VOLUME TO BE REMOVE	D: 5	GALS.		
EVACUATION TECHNIQUE:	SUBM. PU	MP C	ENT. PUMP	
	BLADDER	PUMP = E	BAILER	\square
DEPTH TO PUMP INTAKE: NA	FT.		·	
FLOW RATE: N/A	GPM	GALS. PEF	R LINEAR F	Τ
TIME PUMPED: N/A	MINS.	2 INCH x	.163 🗸	
TOTAL VOLUME PURGED: 5	GALS.	4 INCH x	.653	
SAMPLING ANALYSIS:				
YOLATILE ORGANI	CS NYSDEC	989 CLP		
FIELD PARAMETERS:				
TEMP: NM	<u>C</u>	CONDUCTIVI	TY: 33a	us
pH: 6.85		TURBIDITY:	NM	VТИ
NOTES: NM - NOT MEASURED				
N/A - NOT APPLICABLE		· · · · · · · · · · · · · · · · · · ·		
	SIGNA TU	IRE: Michae	P.M. Sonti	g
H2MGROUP ENGINEERS MELVELE N.Y.	· ARCHITECTS ·	PLANNERS · SCIE	NTISTS - SURVEYO	

GROUNDWATER SAMPLING RECORD SHEET
SITE: MAN PRODUCTS DATE: 2-7-92 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 V
TOTAL VOLUME PURGED: 3 GALS. 4 INCH x .653
SAMPLING ANALYSIS: YOLATILE ORGANICS NYSDEC 989 CLP
FIELD PARAMETERS:
TEMP: NM OC CONDUCTIVITY: 570 us
pH: 6.2 TURBIDITY: NM NTU
NOTES: GROUNDWATER EXTREMELY SILTY
NM- NOT MEASURED N/A - NOT APPLICABLE
SIGNATURE: Michael M. Sentil
H2MGROUP ENGINEERS · ARCHITECTS · PLANNERS · SCIENTISTS · SURVEYORS TOTOWA, N.J.

GROUNDWATER SAMPLING RECORD SHEET	
SITE: SLATER ELECTRIC DATE: 2-6-92 TIME:	
JOB#: CROW 9102 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 F	т.
TIME PUMPED: 1-5 MINS. 2 INCH x .163	
TOTAL VOLUME PURGED: 30 GALS. 4 INCH x .653 V	· · ·
SAMPLING ANALYSIS:	
VOLATILE ORGANICS NYSOEC 989 CLP	
FIELD PARAMETERS:	
TEMP: NM C CONDUCTIVITY: 410	us
pH: 6.4 TURBIDITY: NM	NTU
NOTES: NM = NOT MEASURED	
·	
SIGNATURE: Michael M. Sentils	
H2MGROUP ENGINEERS · ARCHITECTS · PLANNERS · SCIENTISTS · SURVE	YORS

.

GROUNDWATER SAMPLING RECORD S	HEET
SITE: SLATER CLECTRIC DATE: 2-6-92	ПМЕ:
JOB#: CROW9102 SAMPLERS: MNG/MSC	
SAMPLE LOCATION: MW-25 MEASURING PT:	TOP OF CASING
DEPTH TO WATER: 7.32 FT. WELL DEPTH: 5	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	T. PUMP 🔽
BLADDER PUMP D BAIL	ER 🗌
DEPTH TO PUMP INTAKE: 20 FT.	
FLOW RATE: 20 GPM GALS. PER LI	NEAR FT.
TIME PUMPED: 3 MINS. 2 INCH x .16	3
TOTAL VOLUME PURGED: 60 GALS. 4 INCH x .65	3 🗸
SAMPLING ANALYSIS:	
VOLATILE ORGANICS NYSDEC 989 CLP	
FIELD PARAMETERS:	
TEMP: NM OC CONDUCTIVITY:	<i>34</i> 0 us
pH: 6.6 TURBIDITY: NA	M NTU
NOTES: NM - NOT MEASURED	
SIGNATURE: Muchael 1	? Senteto
ENGINEERS · ARCHITECTS · PLANNERS · SCIENTIST	

GROUNDWATER SAMPLING RECORD SHEET
SITE: SLATER ELECTRIC DATE: 2-6-92 TIME:
JOB#: CROW9102 SAMPLERS: MNG /MSC
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 GAL
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 NTO
NOTES: NM = NOT MEASURED
MONITORING WELL PURGED DRY 5 TIMES - TOTAL PURGED ~ 35 GA
SIGNATURE: Modal M. Sent
H2MGROUP ENGINEERS · ARCHITECTS · PLANNERS · SCIENTISTS · SURVEYORS HELVILLE N.Y. TOTOWA, N.L.

GROUNDWATER SAMPLING RECORD SHEET
SITE: AUGUST THOMSEN DATE: 2-7-92 TIME:
JOB#: CROW9102 SAMPLERS: MNG/MSC
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: // 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 V
SAMPLING ANALYSIS:
VOLATILE ORGANICS NYSDEC 989 CLP
FIELD PARAMETERS:
TEMP: NM C CONDUCTIVITY: 500 /450 /450 /450 /450
pH: 6.66 /6.64 /6.66 TURBIDITY: NM NTU
NOTES: 4-INCH SUBMERSIBLE PUMP LEFT IN WELL CASING.
•
SIGNATURE: Michael M. Sentito
ENGINEERS · ARCHITECTS · PLANNERS · SCIENTISTS · SURVEYORS HELVILLE, N.Y. TOTOWA, N.L.

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 V
SAMPLING ANALYSIS:
VOLATILE ORGANICS CLP NYSDEC 989
FIELD PARAMETERS:
TEMP: OC CONDUCTIVITY: 370/370 us
pH: 7.1/6.9/6.9 TURBIDITY: NTU
NOTES: FIELD BLANK COLLECTED THROUGH BAILER PRIOR TO AVEGING
SIGNATURE: Michael M. Sort
H2MGROUP ENGINEERS · ARCHITECTS · PLANNERS · SCIENTISTS · SURVEYORS HELVILLE N.Y. TOTOWA, N.J.

GF	ROUNDWATER 1	MONITORING WELL REF	PORT
SITE: Third Party	Investigation L	CCATION: Man Products PR	CUECT NO. CROW9102
CONTRACTOR: Water	- Resources Inc	RILIER: John Barnes	
INSPECTOR: MNG/M	75CIN	NSTALLATION DATE: 1/17/92 WE	11 NO.: MW-1M
гон	TE: UNLESS OTHERWSE DESIGNATI	ED ALL DEPTHS ARE BASED ON A 0.00 GROUND S	LEVATION Hollow Stem Auner
ACTUAL SURVEY REFERENCE POINT		- ELYATION OR STICKUP ABOVE/BELOW GROUND SURFACE OF CASING OF ROAD BOX (1'-0" UNLESS OTHERWISE NOTED)	3′
0.00 CROWND ELEVATION		BLEVATION OR STICKUP ABOVE/BELOW CROWNO SURFACE OF RISER PIPE	Z.5′
	A A A A A A A A A A A A A A A A A A A	- SAOLECLINE CYZNA - JAICKNEZZ CL ZNSŁYCE ZEYT/COMOJELE - SAOLECLINE CYZNA	2' _6" 5'
[4 4	SHOWCATE ALL SCALE SHOWING DEPTH THICKNESS AND TYPE	CHARTER (LCL) LENGTH
		- WATERIAL OF MANUFACTURE AND INSIDE DIAMETER OF RISER PIPE - TIPE OF BACKFILL AROUND RISER	PVC Z WATERIN CLAMETER (13.) Bentonite Grout Sluce
}		— CIAMETER OF BOREHOLE	6.0 INCHES
ŀ		- SEPTH OF TOP OF SUBSURFACE SEAL	15'
		- TYPE OF SUBSURFACE SEAL/GROUT - DEPTH OF TOP OF BACKFELL AROUND	Bentonite Pellets
		PONT/SCREDN	19'
		- DEPTH OF BOTTOM OF RISER - TYPE OF POINT OR SCREEN (PIPE SIZE TELESCOPING) AND MANUFACTURE	Schedule 40 Puc
		- SCREEN CACE OR SIZE OF CIPERANGS	0.010
<u> </u>		- MATERIAL OF MANUFACTURE AND DIAMETER OF WELLPOINT/SCREEN	PVC ZINCHES
		- TYPE OF BACKFILL	#2 Sand Pack
		- DEPTH OF BOTTOM OF SCREEN - TYPE OF BACKFUL UNDER POINT/SCREEN - DEPTH OF BOTTOM OF BOREHOLE	34' # 2 Sand Pack 35'
ninoriped	21.5 (12) LENGTH OF SCHOOL	15' ROUNDIA PORT (45)AG	OROMO BEV. 74.87
(L1) LEHGTH OF MISER			DEVATIONS - WHERE AVAILABLE

:{							
				ZM GEO		-	NO. <u>CROW 910Z</u>
WELL.	DATA:	HOLE D	IAM.:_ DIAM.	8" T	D 36' ENGTH	SCREEN SETTING	: 19'-34' SLOT .010 Complete
Contr	actor:	Water	Resou	rces I	nc. D	ompletion Depth: ata Started: _///ɔ// eather:(old, clo ogged by: _msc/mwo	9/ Finisped: 1/17/97
Sampl Avera	ing M er Ha	lethod: .mer We .mer Fa	Rotary Pight:	140 140 nches):	: اع <u>دا)</u> 23		
Depth	to Gr	oundwat	:er: <u>7</u>	<u>2.5</u> Dat	:e: <u> </u>	17/92 Time:	Aquifer: Upper Glacia
Sample Depth	Ио	Blows 6"	Hnu Res	Color	Recov	•	Lithology
. 5						Began Sampling	
1						1 st 2:	
1.5							
2.0		3/5/7/6	0	Brown	0	(N/A) well compacted	NA
2.5							
3.0							
3.5							
4.0							
4.5							
5.0							
5.5							
6.0			_				
6.5							
7.0		25/25/	0	Brown	12"	Fine grained, poorly	SW
7.5		20/25				Sorted sand.	
8.0			<u> </u>				
8.5							
9.0							
9.5							
0.0	-						

PAGE Z	of Z		H2M	GEOLOG:	IC LOG (CONTINUED) JOB	NO. CROW 910Z
Boreno Elevat	le Loc ion: <u>74</u>	ation: .871 Re	<u>mw-</u> if Poli	1 M t: <u>(a)ina</u>	Completion Depth: 35' Logged by: MSC/NNG Checke	d by:
Depth :	to Gro	undwat	er: <u>7</u> 2	<u>.</u> 5'Date	e: ////4z	Upper Glacial
Sample Depth	Sampl No.	Blows	Enu Res	Recov	Sample Description	Lithology
12'-14'		30/34	N/A	N/R	N/R	N/R
		20/27				
13'-15"		18/24	0	13"	Grevelly, Coarse to Fine grained, Tan, peoply sorted sand W/ . 3' layer	SP
		21/22			of dark brown sandand granel.	
17-19		12/14	0	4 "	Gravelly , Coarse to Finegrained, Orange Tan Sand, poncy sorted.	5 P
		18/24			ian sand, poarty sorted.	
22-24		12/16	NA	10"	Drange Brown, Gravelly, Coarse to	- CP
		21/14	N/A	10	Drange Brown, Gravelly, Coarse to Fine grained poorly sorted and, noist at ZZ.6	V 31
<u> </u>						
				[.		
				•		

SIGNATURE: MILA CANA

DATE: 4/12/92

GROUNDWATER	MONITORING WELL RE	PORT
SITE: Third Party Investigation	LOCATION: Pall Corp.	PROJECT NO.: CROW9102
CONTRACTOR: Water Resources IN	DRILLER: John Barnes	
INSPECTOR: MNG/MSC	INSTALLATION DATE: 1/20/92	WELL NO .: MW-5P
NOTE: UNLESS OTHERWISE DESIGNA	TED ALL DEPTHS ARE BASED ON A CLOG CROUNCE	
	DRILLING METHOD	Hollow Stem Auger
ACTUAL SURVEY REFERENCE POINT PADLOOX	CROUND SURFACE OF CASING OF ROAD BOX (1"-0" UNLESS OTHERWISE NOTED)	Flush mount
	ELEVATION OR STICKUP ABOVE/BELOW GROUND SURFACE OF RISER PIPE	<u> </u>
0.00 GROUND ELEVATION	VENT HOLE	
		1.0
	- PROTECTIVE CASING	8" 1'
	- PROJECTIVE CYCHO	DIAMETER (I.C.) LENGTH
[d ·] [d ·]	INDICATE ALL SCALE SHOWING DEPTH THICKNESS AND TYPE	
	MATERIAL OF MANUFACTURE AND INSIDE DIAMETER OF RISER PIPE	PVC 4"
	TYPE OF BACKFILL AROUND RISER	N/A
	- CHAMETER OF BOREHOLE	8.0 INCHES
	- DEPTH OF TOP OF SUBSURFACE SEAL	1.0
	- TYPE OF SUBSURFACE SEAL/CROUT	Bentonite Pellets
	- DEPTH OF TOP OF BACKFELL AROUND POINT/SCREEN	2.0
	- DEPTH OF BOTTOM OF RISER	3′
	TYPE OF POINT OR SCREEN (PIPE SIZE TELESCOPING) AND MANUFACTURE	Schedule 40 Puc
' [- 	- 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	13
	- TYPE OF BACKFILL UNDER POINT/SCREEN	# 2 Sand Pack
	- DEPTH OF BOTTOM OF BOREHOLE	14'
7 5 /	10' RETENDICE POST CASIAS	GROUND ELTY. 52.09
(L1) LENGTH OF RISER (L2) LENGTH OF SCREEN	ACCOUNT FOR A SECURITION ASSESSMENT ASSESSME	O CONTROL - NATURE AND ADDRESS

				_			
	,						NO. CROW 910Z
WELL D	ATA:	HOLE DI CASING	AM.: <u>{</u> DIAM.	3" T! 4" I	D14/ ENGTH	SCREEN SETTING 3' WELL STATUS	: 3'-13' SLOT .010 Complete
Boreho Contra Drille Elevat	le lo ctor: r: <u>t</u> o ion: <u>s</u>	cation: Water hn Bas 2.09 Re	Resover	- <u>5 P</u> rces I it: <u>Ca</u> ;	ne. Da	empletion Depth: te Started: ½0/ eather: Cool Clo	13' 9Z Finished: 1/20/9Z udy Checked by:
Type Drill Sampl Avera	of Ric ing Me er Har ge Har	g: Tru ethod: mer We mer Fa	ck x Rolary ight: 11 (in	Trai Avgel 140 Ches):	ler Mo - 3 (lbs	ounted Tripoc sit type:	d Other
Depth 1	to Gra	undwat	er: <u>3</u> .	<u>Z</u> ' Dat	e: <u>1/3</u>	10/92 Time:	Aquifer: Upper Glacia
Sample Depth	No	Blows 6"	Hnu Res	Color	Recov		Lithology
. 5			-			Sampling began	
1		-				lat z'	
1.5							
2.0		2/3/4/5	40	Brown	10"	well sorted	50
2.5						moist at 3.2"	
3.0							_
3.5							
4.0		4/4/4/5	50 ppm	Black	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							
0.0							

SIGNATURE: WIN / 1 D.

DATE: - 4/17/97

GROUNDWATER	MONITORING WELL REI	PORT
SITE: Third Party Investigation	CCATION: Pall Corp PI	ROJECT NO.: CROW 9102
CONTRACTOR: Water Resources IN	c. DRILLER: John Barnes	
INSPECTOR: MNG/MSC	NSTALLATION DATE: 1/20/92 WE	EL NO: MW - 4P
NOTE: UNLESS OTHERWISE DESIGNA	TED ALL DEPTHS ARE BASED ON A 0.00 GROUND (Hollow Stem Auger
ACTUAL SURVEY REFERENCE POINT PADLOCK	ELEVATION OR STICKUP ABOVE/BELOW GROUND SURFACE OF CASING OF ROAD BOX (1"-0" UNLESS OTHERWISE NOTED)	Flush Mount
	ELEVATION OR STICKUP ABOVE/BELOW CROUND SURFACE OF RISER PAPE	-6"
0.00 GROUND ELEVATION	— MET HOLE — THICKNESS OF SURFACE SEAL/CONCRETE — PROTECTIVE CASING	8" 1 LENGTH
	INDICATE ALL SCALE SHOWING DEPTH	
	MATERIAL OF MANUFACTURE AND INSIDE DIAMETER OF RISER PIPE	PVC 4" MATERIAL CLAMETER (I.D.) Benfonite Grout Slure
	TYPE OF BACKFILL AROUND RISER - DIAMETER OF BOREHOLE	8.0 INCHES
	— DEPTH OF TOP OF SUBSURFACS SEAL	9 ′
i -	— TYPE OF SUBSURFACE SEAL/CROUT	Bentonite Pellets
	— DEPTH OF TOP OF BACKFELL AROUND POINT/SCREEN	11'
	- DEPTH OF BOTTOM OF RISER	13′
	- TYPE OF POINT OR SCREEN (PIPE SIZE TELESCOPING) AND HANDFACTURE	Schedule 40 Puc
	- SCREEN CAGE OR SIZE OF OPENINGS	0.010
'] 	- MATERIAL OF MANUFACTURE AND DIAMETER OF WELLPOINT/SCREEN	PVC 4 INCHES
	- TYPE OF BACKFUL	# 2 Sand Pack
	- DEPTH OF BOTTOM OF SCREEN - TYPE OF BACKFILL UNDER POINT/SCREEN - DEPTH OF BOTTOM OF BOREHOLE	#Z Sand Pack ZY'
aleo-to-c		,
(L1) LENGTH OF AISER 17.5' (L2) LENGTH OF SCREEN	10 ROTERDICE POINT (asing	CHOUND ELEV. 53.35 ELEVATIONS - THERE AVAILABLE

			Ξ	ZM GEOI	OGIC .	LOG JOB :	10. CROW 910Z			
WELL D	ATA:	HOLE DI CASING	EAM.: <u>1</u> DEAM.	3" TE	NGIR_ 5 A.	SCREEN SETTING: 23' WELL STATUS	22'-13' SLOT.010 Complete			
Screho Contra Drille Elevat	le Lo ctor: r: To ion: <u>s</u>	cation: Water hn Ba 3.35 Re	Resov rnes ef Pair	rces Ir	Concern Day	ompletion Depth: ate Started: 1/20/ eather: (001 (10 ogged by: msc/mwG	Z3' /12 Finished: 1/20/92 rody Checked by:			
Type of Rig: Truck x Trailer Mounted Tripod Other Drilling Method: Rolary Avger Bit type: Carbide Sampler Hammer Weight: 140 (lbs). Average Hammer Fall (inches): 30										
Depth t	e Gra	undwat	er: <u>3</u> .	3' Dat	e: <u>//</u>	/zo/92 Time:	Aguifer: Upper Glacia)			
Sample Depth	Ис	Blows	Res		Recov	, -	Lithology			
. 5										
1		2/2/4/6	0.3	Black	11"	Gravelly, coarse grain	+ SW			
1.5		İ								
2.0										
2.5										
3.0		3/5/4/2	0.3	Black	10"	poorly sorted sand	SW Y			
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										
0.0										

. .

GROUNDWATER	MONITORING WELL REP	PORT
SITE: Third Party Investigation	OCATION: Pall Corp. PP	ROJECT NO. CROW9102
CONTRACTOR: Water Resources INC	RILLER: John Barnes	
INSPECTOR: MNG/MSC IN	ISTALLATION DATE: 1/21/92 WE	U NO.: MW-1P
NOTE: UNLESS OTHERWISE DESIGNATI	DUNCONS ON A GOOD CHOUNG E	Hollow Stem Auger
PADLOCK	— ELEVATION OR STICKUP ABOVE/BELOW CROWNO SURFACE OF CASING OF ROAD BOX (1'-0" UNILESS OTHERWISE NOTED)	Flush mount
	ELEVATION OR STICKUP ABOVE/BELIOW GROUND SURFACE OF RISER PIPE VENT HOUS	- 6"
0.00 CROUND ELEVATION	- WEEP HOLE - THICKNESS OF SURFACE SEAL/CONCRETE - PROTECTIVE CASING	B")" DIAMETER (LD.) LENGTH
	INDICATE ALL SCALE SHOWING DEPTH THIOXNESS AND TYPE	
	- MATERIAL OF MANUFACTURE AND INSIDE DIAMETER OF RISER PIPE	PVC 4" WATERIAL DIAMETER (I.D.)
	— TYPE OF BACKFILL AROUND RISER	
	- DIAMETER OF SCREHOLE	8.0 INCHES
	- DEPTH OF TOP OF SUBSURFACE SEAL	Bentonite Pellets
	- TYPE OF SUBSURFACE SEAL/CROUT - DEPTH OF TOP OF BACKFEL AROUND POINT/SCREEN	3′
	- DEPTH OF BOTTOM OF RISER	5'
	- TYPE OF POINT OR SCREEN (PIPE SIZE TELESCOPING) AND MANUFACTURE	Schedule 40 PUC
	- SCREEN CAGE OR STZE OF OPENINGS	0.010
, j j j j j j j j j j 	- MATERIAL OF MANUFACTURE AND DIAMETER OF WELLPOINT/SCREEN	PVC 4 INCHES
	- TYPE OF BACKFILL	#2 Sand Pack
	- DEPTH OF BOTTOM OF SCREEN - TYPE OF BACKFILL UNDER POINT/SCREEN	# Z Sand Pack
	DEPTH OF BOTTCH OF BOREHOLE	16'
POMPII 2	Top of	. OPOUND ELTV. 56.45
(L1) LENGTH OF RISER	10 HOUNDIE PONT CASING	CHOLING ELTV. 36.43

											
						LOG JOB	NO. <u>CROW 9102</u>				
WELL D.	ATA: E	HOLE D LASING	IAM.:_! DIAM.;	8" T	0_16′ ENGTE_	SCREEN SETTING	3: 5'-15' SLOT.010 5 (omplete				
Boreno: Contrac Drille: Elevat:	Screnole Location: MW-16 Completion Depth: 15' Contractor: Water Resources Inc. Date Started: 1/21/92 Finished: 1/21/92 Driller: John Barnes Weather: Cool Cloudy Elevation: 56.45 Ref Point: Casing Logged by: msc/mwg Checked by:										
Type of Rig: Truck x Trailer Mounted Tripod Other Drilling Method: Rotary Avacr Bit type: Carbide Sampler Hammer Weight: 140 (lbs). Average Hammer Fall (inches): 30											
Depth t	o Gro	undwat	er: <u> </u>	7 <u> Dat</u>	e: <u> </u>	21/92 Time:	Aquifer: Upper Glacia)				
Sample No Blows Hnu Color Recov Sample Lithology Depth 6" Res (in) Description											
. 5						Sampling hegan					
1						at 2"					
1.5											
2.0		4/5/5/5	Z.0	Brown	10"	poorly sorted sand.	inds SW				
2.5											
3.0											
3.5					···						
4.0		5/4/4/7		Brown	13"	prarly soited sand	SW				
4.5						<i>P</i> -10-7					
5.0	[
5.5						,					
6.0	Ī		1								
6.5		<u> </u>									
7.0	ĺ.	N/A	N/A	NA	5"	Gravelly , course grained poorly sorted sand	▼ 5W				
7.5						proxy					
8.0											
3.5		<u> </u>									
0.0											
.5											
0.0					İ						

1 -

GROUNDWATER	MONITORING WELL RE	PORT								
SITE: Third Party Investigation	OCATION: Pall Corp	PROJECT NO.: CROW 9102								
CONTRACTOR: Water Resources DRILLER: John Barnes										
INSPECTOR: MNG/MSC INSTALLATION DATE: 1/21/92 WELL NO.: MW-3P										
NOTE: UNLESS OTHERWISE DESIGNATED ALL DEPTHS ARE BASED ON A GLOG GROUND ELEVATION										
	DRILLING METHOD	Hollow Stem Auger								
ACTUAL SURVEY REFERENCE POINT PADLOOX	== ELEVATION OR STICKUP ABOVE/BELOW GROUND SURFACE OF CASSING OF ROAD BOX (1'-0" UNLESS OTHERWISE NOTED)	Flush mount								
	- ELEVATION OR STICKUP ABOVE/BELOW CROWNO SURFACE OF RISER PIPE	-6"								
0.00 GROUND ELEVATION	- VENT HOLE									
	— MEET HOLE — THICKNESS OF SURFACE SEAL/CONCRETE	, , , , , , , , , , , , , , , , , , , ,								
	- PROTECTIVE CASING	8" 1'								
		DIAMETER (LO.) LENGTH								
	INDICATE ALL SCALE SHOWING DEPTH THICKNESS AND TYPE									
	— MATERIAL OF MANUFACTURE AND INSIDE DIAMETER OF RISER PEPE	PVC 4"								
	TYPE OF BACKFILL AROUND RISER	<i>N/A</i>								
	— DIAMETER OF BOREHOLE	8.0 INCHES								
	DEPTH OF TOP OF SUBSURFACE SEAL	1.0								
	- TYPE OF SUBSURFACE SEAL/CROUT	Bentonite Pellets								
	- DEPTH OF TOP OF BACKFILL AROUND POINT/SCREEN	7.0								
i 	— DEPTH OF BOTTOM OF RISER	3′								
	— TYPE OF POINT OR SCREEN (PIPE SIZE TELESCOPING) AND MANUFACTURE	Schedule 40 Puc								
	- SCREEN CACE OR SIZE OF OPENINGS	0.010								
 	- MATERIAL DE MANUFACTURE AND DIAMETER DE WELLPOINT/SCREEN	PVC 4 INCHES								
	- TYPE OF BACKFILL	#2 Sand Pack								
	- DEPTH OF BOTTOM OF SCREEN									
	- TYPE OF BACKFILL UNDER POINT/SCREEN	# Z Sand Pack								
	- DEPTH OF BOTTCM OF BOREHOLE	15'								
ICLHOT DWG	Top of									
(L1) LENGTH OF RISER Z . 5 / (L2) LENGTH OF SCREEN	11 rounded roun Casing	CROWNO ELTY. 54.16								

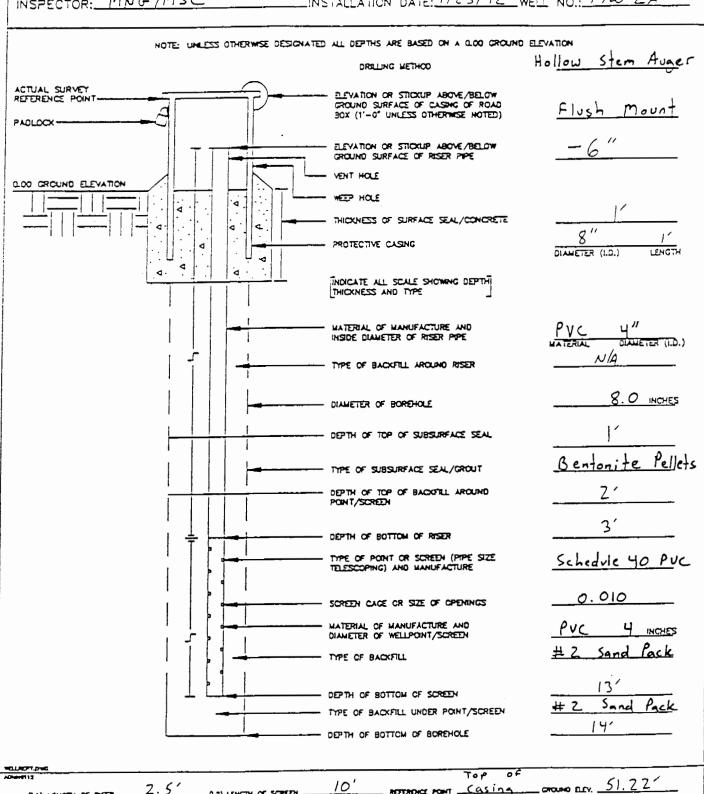
if											
	H2M GEOLOGIC LOG JOB NO. CROW 910 Z										
WELL DATA: HOLE DIAM.: 8" TD 15' SCREEN SETTING: 3'-14' SLOT .010 CASING DIAM. 4" LENGTE 14' WELL STATUS (omplete											
Contra	ector.	ocation: :Water ohn Ba 54.16 Re	Resour	Tork T	D	ompletion Depth: ata Started: ½;/ eather: (60), (ogged by: msc/ma					
Type of Rig: Truck x Trailer Mounted Tripod Other Drilling Method: Rolary Avger Bit type: (achide Sampler Hanner Weight: 140 (lbs). Average Hammer Fall (inches): 30											
Depth	to Gr	oundwat	ar: <u>4</u>	Dat	e: <u>1/</u>	21/9Z Time:	Aquifer: Upper Glacia)				
Sample Depth	ИС	Blows 6"	Enu Res	color	Recov	Sample Description	Lithology				
. 5						Sampling began					
1						1 at 2'					
1.5											
2.0		2/3/5/4	0.3	Brown	11"	Procly sorted sand	~ ^{ев} , SW				
2.5						Tip moist					
3.0											
3.5											
4.0							Y				
4.5		,									
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0	· 				1						
8.5			<u> </u>								
9.0											
9.5											
0.0											

GROUNDWATER	MONITORING WELL RE	PORT
SITE: Third Party Investigation	LOCATION: Pall Corp.	PROJECT NO.: CROW9102
CONTRACTOR: Water Resources IN	c. DRILLER: John Barnes	
INSPECTOR: MNG/MSC	NSTALLATION DATE: 1/2 2 /9 Z	WELL NO.: MW-ZP
NOTE: UNLESS OTHERWISE DESIGNA	TED ALL DEPTHS ARE BASED ON A 0.00 GROUND	EEVATION Hollow Stem Auger
	DRICEING METHOD	
ACTUAL SURVEY REFERENCE POINT PADLOCX	ELEVATION OR STICKUP ABOVE/BELOW CROWNO SURFACE OF CASING OF ROAD BOX (1'-0" UNLESS OTHERWISE HOTED)	Flush mount
	ELEVATION OR STICKUP ABOVE/BELOW GROUND SURFACE OF RISER PIPE VENT HOLE	-6"
0.00 CROUND ELEVATION	- WEEP HOLE	1.0
	THICKNESS OF SURFACE SEAL/CONCRETE PROTECTIVE CASING	8")
[d. 4] d]	INDICATE ALL SCALE SHOWING DEPTH THICKNESS AND TYPE	
	WATERIAL OF MANUFACTURE AND INSIDE DIAMETER OF RISER PAPE	PVC 4"
	- TYPE OF BACKFILL AROUND RISER	<i>N/A</i>
	- DIAMETER OF BOREHOLE	
	— DEPTH OF TOP OF SUBSURFACE SEAL	1.0
	— TYPE OF SUBSURFACE SEAL/CROUT	Bentonite Pellets
	— DEPTH OF TOP OF BACKFILL AROUND POINT/SCREEN	7.5′
 ·	— DEPTH OF BOTTOM OF RESER	4'
	- TYPE OF POINT OR SCREEN (PIPE SIZE TELESCOPING) AND MANUFACTURE	Schedule 40 Puc
	- 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	
OLIGHT DNG	700 05	
(L1) LEHGTH OF MISER	10 HOTENDICE FORT CASING	CHOUND REV. 54.97

											
								10. CROW 910Z			
WELL:	DATA:	HOLE DI CASING	AM.:_! DIAM.	8" TI 4" L	NGTH_	_ SCREEN SE 14′ WELL S	TTING: TATUS_	4-14 SLOT.010			
Contra	ctor:	cation: Water ha Bac (4.97° Re	Resou	nces I	26. Di	ompletion Departs Started: eather: (00 ogged by: ns	1/27/ 1/27/ 1/00/ 1/00/	14' /9Z Finished: 1/22/ oudy Checked by:	52 		
Type of Rig: Truck x Trailer Mounted Tripod Other Drilling Method: Rolan Avger Bit type: Carbide Sampler Hammer Weight: 140 (lbs). Average Hammer Fall (inches): 30											
Depth	to Gr	undwat	er: <u>4.</u>	<u> </u>	e: <u>1/</u>	zz/9z Tine:	3	Aquifer: Upper Gla	ر ۱۰۰		
Sample Depth	ИС	Blows 6"	Res	Color		Sample Descript		Lithology			
. 5						Sampling	hessa				
2						a+ 2'					
1.5											
2.0		2/4/3/5	5,00	Brown	13"	poorly sorted	(graind	SW			
2.5											
3.0											
3.5											
4.0	_	5/4/6/5	N/A	Brown	13"	Gravelly, (oa	rse grait	4 SW			
4.5						moist at 4.5	'	Y			
5.0					•						
5.5											
6.0								·			
6.5											
7.0											
7.5											
8.0											
8.5								<u> </u>			
9.0											
9.5											
0.0											

GROUNDWATER	MONITORING	WELL	REPO	RT

Party Investigation LOCATION: August Thomsen PROJECT NO.: CROW9102 CONTRACTOR: Water Resources DRI DRILLER: John INSPECTOR: MNG/MSC INSTALLATION DATE: 1/23/92 WELL NO. MW-ZA



CHOUSE ELEV. _

ACTUAL ELEVATIONS - WHERE AVAILABLE

2.5'

(L1) LENGTH OF MISER _

(L2) LENGTH OF SCREEN

:										
							10. <u>CROW 910Z</u>			
WELL!	DATA:	HOLE DI CASING	AM.: <u>(</u> DEAM.	3" TI	ENGIR 	SCREEN SETTING: 13 WELL STATUS	3'-13' SICT.010			
Borehole Location: mw-24 Completion Depth: 3' Contractor: Water Resources Inc. Date Started: 1/23/92 Finished: 1/23/92 Driller: John Barnes Weather: Cool, Rain Elevation: \$1.22' Ref Point: (asia, Logged by: msc/mwG Checked by:										
Type of Rig: Truck x Trailer Mounted Tripod Other Drilling Method: Rolary Avger Bit type: (acb:de Sampler Hammer Weight: 140 (lbs). Average Hammer Fall (inches): 30										
Depth	to Gro	undwat	er: <u> </u>	Dat	e: <u>//</u> z	3/92 Time:	Aquifer: Upper C-lacie			
Sample Depth	Nc	Blows 6"	Hnu Res	Color	Recov	Sample Description	Lithology			
. 5						Sampling began				
1						g+ Z-				
1.5										
2.0		6/6/7/5	~/4	Brown	12"	DIGITICITY CIAY, COM	▼ P1-OH			
2.5						organics. moist.				
3.0										
3.5										
4.0										
4.5			.							
5.0	1				.					
5.5										
6.0										
6.5										
7.0	1									
7.5							-			
3.0										
3.5										
0.0										
- 5										
.0										

. .

=

=

GROUNDWATER I	MONITORING WELL RE	PORT						
SITE: Third Party Investigation LOCATION: August Thensen PROJECT NO.: CROW9102								
CONTRACTOR: Water Resources DRILLER: John Barnes								
INSPECTOR: MNG/MSC IN	NSTALLATION DATE: 1/23/92 W	EU NO.: Μω-1A						
NOTE: UNLESS OTHERWISE DESIGNATI	ED ALL DEPTHS ARE BASED ON A CLOC CROWNO DRILLING METHOD	ELEVATION Hollow Stem Auger						
ACTUAL SURVEY REFERENCE POINT PADLOCX	ELEVATION OR STICKUP ABOVE/BELOW CROWND SURFACE OF CASING OF ROAD BOX (1'-0" UNLESS OTHERWISE NOTED)	Flush mount						
	ELEVATION OR STROKUP ABOVE/BELOW CROUND SURFACE OF RISER PIPE VENT HOLE	- 6"						
C.OO GROUND ELEVATION	- WEEP HOLE - THICKNESS OF SURFACE SEAL/CONCRETE - PROTECTIVE CASING	8" / CHAMETER (LO.) LENGTH						
[A- 4] ; A	THOCATE ALL SCALE SHOWING DEPTH THICKNESS AND TYPE							
	- MATERIAL OF MANUFACTURE AND INSDE DIAMETER OF RISER PIPE	MATERIAL DIAMETER (I.D.)						
	- TYPE OF BACKFILL AROUND RISER	<i>N/A</i>						
	— CLAMETER OF BOREHOLE	8.0 INCHES						
 	- DEPTH OF TOP OF SUBSURFACE SEAL	<u> Z'</u>						
	- TYPE OF SUBSURFACE SEAL/CROUT	Bentonite Pellets						
<u> </u>	- DEPTH OF TOP OF BACKFILL AROUND POINT/SCREEN	2						
+	- DEPTH OF BOTTOM OF RISER	3′						
	- TYPE OF POINT OR SCREEN (PIPE SIZE TELESCOPING) AND WANUFACTURE	Schedule 40 Puc						
	- SCREEN CACE 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	13						
	- TYPE OF BACKFILL UNDER POINT/SCREEN - DEPTH OF BOTTCH OF BOREHOLE	# Z Sand Pack						
CLHOT DNG Own112	Tup of							
(L1) LENGTH OF RISER	10 ROTURDICE POINT Casing	CHOUND FLEY. 54.47						

						LOG JOB	NO. CROW 910Z			
WELL 5	DATA: E	OLE DI LASING	AM.:_S DIAM.	3" TI	NGIR 1	SCREEN SETTING 3' WELL STATUS	(caplete			
Screnc Contre Drille Elevat	ele Loc ector: er: Joi ion: 50	Etion: Waler nn Bar 1.477 Re	Resov nes f Pai	rces I	Da Da	empletion Depth: ata Started: 1/23 eather: 601 R egged by: msc/mw				
Type of Rig: Truck x Trailer Mounted Tripod Other Drilling Method: Rotary Avger Bit type: (actid: Sampler Hammer Weight: 140 (lbs). Average Hammer Fall (inches): 30										
Depth	to Gro	undwat	er: 3	8' Dat	e: <u>//</u>	23/92 Time:	Aquifer: Upper Glacal			
Sample Depth	ИС	Blows 6"	Hnu Res	Color	Recov (in)		Lithology			
. 5						Sampling began				
1						at 2!				
1.5	İ									
2.0	į	3/4/8/8	0.3	Brown	13"	Organic clays of medium plasticity, Some silt.	ОН			
2.5						Some silt.				
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										
0.0										

1 -

GROUNDWATER	MONITORING WELL R	EPORT				
SITE: Third Party Investigation	Enal / Pass and LOCATION: Seymour	PROJECT NO. CROW 9102				
CONTRACTOR: Water Resources In						
INSPECTOR: MNG/MSC	INSTALLATION DATE: 1/27/92	WELL NO.: <u>Μω - 15</u>				
NOTE: UNLESS OTHERWISE DESIGNATED ALL DEPTHS ARE BASED ON A 0.00 GROUND ELEVATION						
	DRILLING METHOD	Hollow Stem Auger				
PADLOCK	ELEVATION OR STICKUP ABOVE/BELOW GROUND SURFACE OF CASING OF ROAD 90X (1'-0" UNLESS OTHERWISE NOTED)	Flush Mount				
		-6"				
0.00 GROUND ELEVATION	YENT HOLE					
	THICKNESS OF SURFACE SEAL/CONCRETE	2′				
		B" / / DIAMETER (LO.) LENGTH				
[.d.] [d.] [INDICATE ALL SCALE SHOWING DEPTH					
	HATERIAL OF HANGFACTURE AND INSIDE DIAMETER OF RISER PIPE	PVC 4"				
	TYPE OF BACKFILL AROUND RISER	<u>~/A</u>				
	- DIAMETER OF BORDHOLE	8.0 INCHES				
	DEPTH OF TOP OF SUBSURFACE SEAL	2′				
	TYPE OF SUBSURFACE SEAL/GROUT	Bentonite Pellets				
	DEPTH OF TOP OF BACKFELL AROUND POINT/SCREEN	<u> </u>				
+	DEPTH OF BOTTOM OF RISER	6′				
	TYPE OF POINT OR SCREEN (PIPE SIZE TELESCOPING) AND MANUFACTURE	Schedule 40 Puc				
 	- SCREEN CAGE OR SIZE OF OPENINGS	0.010				
, <u>, </u>	— MATERIAL OF MANUFACTURE AND DIAMETER OF WELLPOINT/SCREEN	PVC 4 INCHES				
	TYPE OF BACKFILL	# 2 Sand Pack				
	DEPTH OF BOTTOM OF SCREEN					
	TYPE OF BACKFILL UNDER POINT/SCREEN	# 2 Sand Pack				
	— DEPTH OF BOTTOM OF BOREHOLE					
CLUMPT DNC	Top of					
(L1) LENGTH OF MISER $5.5'$ (L2) LENGTH OF SCHOOL $-$		JAL ELEVATIONS - WHOME AVAILABLE				

				H2M GE				10. <u>CROW 910</u>	
16								6'-21' SLOT.	010
Drille Elevat	er: J	ohn Ba 61.80° R	Keso er Po.	vrces int: <u>C</u> a	Inc.	roddeg ph: T	1/27/1 old Partly 15¢/MNG	72 Finished: // cloudy Checked by:	
	96				·	30		Other _	
Depth	to G	cundwa	ter:	9.6′ Da	ta: <u>/</u>	/27/92 Time	: 2	Acuifer: <u>Upper</u>	Glacial
Sample Depth	Ис	Blows 6"	E Hnu Res	1	r Reco	-		Lithology	
. 5						1 Sampling h	2461		
1						1 at 2')		
1.5									
2.0		15/20/15/	0 (1)	Yellow	13"	Poorly sorted	a-se grained	sω	
2.5									
3.0									
3.5									
4.0		1416/18/27	. 0	Yellow	14"	procly corted	egrained,	sw	
4.5						'			
5.0									
5.5									
6.0		12/16/18/20	0.4	Medium Ye 110W	12"	poorly sorted	el,	sω.	
6.5									
7.0									
7.5									
8.0		18/22/30/25	0	Brown	12"	Gravelly, med; Fine grained, Surfed sand. at 9.6.	poorly	SW	
3.5						surted send!	moist		
0.0									
5								▼	
0.0									

GROUNDWATER	MONITORING WELL RE	PORT				
SITE: Third Party Investigation	Enal / Pass and OCATION: Seymour F	PROJECT NO.: CROW 9102				
CONTRACTOR: Water Resources ING						
INSPECTOR: MNG/MSC	NSTALLATION DATE: 1/27/92 V	WELL NO: MW-25				
NOTE: UNLESS OTHERWISE DESIGNATED ALL DEPTHS ARE BASED ON A 0.00 GROUND ELEVATION						
	DRILLING METHOD	Hollow Stem Auger				
PADLOCK	- ELEVATION OR STICKUP ABOVE/BELOW GROUND SURFACE OF CASING OF ROAD BOX (1'-0" UNLESS OTHERWISE NOTED)	Flush mount				
	TLEVATION OR STICKUP ABOVE/BELOW CROWNO SURFACE OF RISER PIPE VENT HOLE	6"				
0.00 GROUND ELEVATION	- WED HOLE					
	- THICKNESS OF SURFACE SEAL/CONCRETE	7'				
	- PROTECTIVE CASING	8" 1'				
	- FROISE INFO COUNTY	CIAMETER (I.O.) LENGTH				
[d.] [d.] [INDICATE ALL SCALE SHOWING DEPTH					
	MATERIAL OF MANUFACTURE AND INSIDE DIAMETER OF RISER PAPE	PVC 4" MATERIAL DIAMETER (LD.)				
	— TYPE OF BACKFILL AROUND RISER	N/A				
	- CIAMETER OF BOREHOLE	8.0 INCHES				
	— DEPTH OF TOP OF SUBSURFACE SEAL	Z'				
	— TYPE OF SUBSURFACE SEAL/OROUT	Bentonite Pellets				
	— DEPTH OF TOP OF BACKFILL AROUND POINT/SCREEN	<u></u>				
<u> </u>	- DEPTH OF BOTTOM OF RISER	6'				
	— TYPE OF POINT OR SCREEN (PIPE SIZE TELESCOPING) AND MANUFACTURE	Schedule 40 Puc				
	- SCREEN CAGE OR SIZE OF OPENINGS	0.010				
! [- 	— MATERIAL OF MANUFACTURE AND DIAMETER OF WELLPOINT/SCREEN	PVC 4 INDHES				
	- TYPE OF BACKFILL	# 2 Sand Pack				
	DESTRUCE RATION OF FOREIN	21				
	- DEPTH OF BOTTOM OF SCREEN - TYPE OF BACKFILL UNDER POINT/SCREEN	# 2 Sand Pack				
	- DEPTH OF BOTTOM OF BOREHOLE	_22'				
COMPTIONS (COMPTION	15' Top of	Ground BLY 60.67°				
(L1) LENGTH OF RISER	15 REPORDICE POINT CASING	_ GROWN ELTY /2. U. /				

GROUNDWATER	MONITORING WELL RI	EPORT
SITE: Third Party Investigation	Enal/Pass and LOCATION: Seymour	PROJECT NO. CROW9102
CONTRACTOR: Water Resources In	DRILLER: John Barnes	
INSPECTOR: MNG/MSC	INSTALLATION DATE: 1/27/92	WELL NO .: MW-35
NOTE: UNLESS OTHERWISE DESIGNA	ATED ALL DEPTHS ARE BASED ON A CLOO GROUN	
	DRILLING METHOD	Hollow Stem Auger
ACTUAL SURVEY REFERENCE POINT PADLOCK	ELEVATION OR STICKUP ABOVE/BELOW. CROWNO SURFACE OF CASSING OF ROAD BOX (1'-0" UNLESS OTHERWISE NOTED)	Flush mount
	CROUND SURFACE OF RISER PIPE	6"
0.00 CROUND ELEVATION	VENT HOLE	
	METS HOLE	17
	THICKNESS OF SURFACE SEAL/CONCRETE	8" /
	PROTECTIVE CASING	DIAMETER (LD.) LENGTH
	INDICATE ALL SCALE SHOWING DEPTH THICKNESS AND TYPE	
	MATERIAL OF MANUFACTURE AND INSIDE DIAMETER OF RISER PIPE	PVC 4"
- - -	TYPE OF BACKFILL AROUND RISER	NA
	DIAMETER OF BOREHOLE	8.0 INCHES
	DEPTH OF TOP OF SUBSURFACE SEAL	
	TYPE OF SUBSURFACE SEAL/CROUT	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 Puc
	SCREEN CAGE OR SIZE OF CPENINGS	0.010
	— MATERIAL OF MANUFACTURE AND DIAMETER OF WELLPOINT/SCREEN	PVC 4 INCHES
	- TYPE OF BACKFILL	#2 Sand Pack
	- DEPTH OF BOTTOM OF SCREEN	70'
	- TYPE OF BACKFILL UNDER POINT/SCREEN	# Z Sand Pack
	— рертн ог воттом ог воленоце	21'
OLDOT Dec		
Q-1712	15' Top of	59.69
(L1) LENGTH OF MISER	15 RODHOICE POINT Casing	CROWN FLEY.

					70		
	·					LOG JO.	B NO. <u>CROW 9102</u>
WELL	DATA:	HOLE DI CASING	DIAM.:	8" T	D ZI	SCREEN SETTING 201 WELL STATE	NG: 5'-20' SLOT.010
Contra	ctor:	Water Water hn Ba	Resou	rces I	inc. D	completion Depth: ata Started: //a eather:	:Z_O' 27/92 Finished:
Sampl Avera	ing M er Ea: ge Ea:	ethod: mer We	Rotary	Avge 140 nches)	(<u>15</u>	Bit type: <u>(ach</u> s). 30	•
Depth	to Gr	pundwat	er: <u>7</u>	. <u>5'</u> Dat	ce: <u> </u>	/27/92 Time:	Aguifer: Upper Glacial
Sample Depth	Иc	Blows 6"	Enu Res	Color	Recov	· -	Lithology
. 5						Sampling hege	
1						a+ 2.	
1.5							
2.0		4/5/4/4	0	Tan	14"	well sorted sond	ined SP
2.5							
3.0							
3.5							
4.0		5/6/7/	0	Brown	11"	Greatly, Coarse gran	5 P
4.5	——————————————————————————————————————						
5.0							
5.5							
6.0		6/9/7/9	0.2	Brown	17"	Fine grained, well	50
6.5				17.2			
7.0		İ					
7.5							▼
8.0							
8.5							
9.0				Ī			
9.5					İ		
0.0		j					