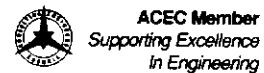




Holzmacher, McLendon & Murrell, P.C. • H2M Associates, Inc.
H2M Construction Management, Inc. • H2M Labs, Inc.



575 Broad Hollow Road, Melville, NY 11747-5076
(516) 756-8000 • Fax: (516) 694-4122

August 30, 1995

Robin S. Weinstein, Esq.
Kensington & Ressler P.C.
400 Madison Avenue
New York, NY 10017-1910

Re: Comm 100 Associates
H2M Project No. COMM 95-01

Dear Ms. Weinstein:

As you are aware, Holzmacher, McLendon & Murrell, P.C. (H2M) conducted a limited groundwater investigation at 100 Commercial Street in Plainview, New York. The purpose of this letter is to provide you with the results of the investigation. All field and laboratory work were conducted following the procedures outlined in the H2M work plan, dated August 2, 1995. The work plan had been approved by the New York State Department of Environmental Conservation (NYSDEC).

Groundwater Monitoring Well Installation and Sampling

On August 7 and 8, 1995, H2M personnel supervised the drilling and installation of groundwater monitoring wells MW-3 and MW-4 (see Figure 1). Based on the data provided by Eikon Planning and Design Corporation (Eikon) and the NYSDEC, MW-3 was placed upgradient and MW-4 was placed downgradient of Leaching Pool 1. The potentiometric surface map showing the groundwater flow direction for April 25, 1994 is shown on Figure 1.

During the drilling of MW-3 and MW-4, soil samples were collected at five-foot intervals from the surface to 50-feet below ground surface (bgs). An aliquot of each sample from MW-3 was placed in the appropriate laboratory glassware for potential analysis for target compound list (TCL) volatile organic compounds (VOCs). Additionally, all of the soil samples from both borings were field screened with a photoionization detector (PID) for the presence of total VOCs. The lithologic logs for

Ms. Weinstein
August 30, 1995
Page 2

both well borings are included in Attachment A. The soil cuttings generated during drilling were placed on and covered by poly plastic sheeting.

The borings were drilled ten feet below the first encountered groundwater. Each well was constructed with 4-inch inside diameter (ID) Schedule 40 polyvinyl chloride (PVC) casing. The wells were equipped with 15-ft of 0.010-inch well screened casing. The screened intervals were installed such that approximately 10 feet of screen was installed below the water table. The annular space of the wells was filled with filter pack sand from the bottom of the borings to approximately two feet above the top of the screens. Two-foot thick sanitary seals of hydrated bentonite pellets were installed on top of the filter packs. The remaining annular spaces were filled with a slurry consisting of neat cement and bentonite. Both wells were equipped with locking caps and flush-to-grade manholes. The well construction diagrams are included in Attachment A.

Wells MW-3 and MW-4 were developed by H2M on August 10, 1995 using a decontaminated submersible pump. The well development logs are included in Attachment B. Approximately 145 and 85 gallons of groundwater were removed from MW-3 and MW-4, respectively. All purged groundwater was discharged to the ground surface adjacent to the well being developed.

The wells were sampled on August 23, 1995. Additionally, H2M sampled MW-7 which had been installed by Veeco Instruments, Inc. (Veeco) as part of an upgradient environmental investigation (see Figure 1). As per the NYSDEC requirements, the wells were prepurged using a decontaminated 3-inch diameter bailer. Once the appropriate amount of groundwater had been removed, precleaned disposable bailers were used to collect the groundwater samples for TCL VOC analysis. The groundwater sampling logs are included in Attachment B.

To allow for the preparation of a potentiometric surface map, the top of casing (TOC) elevations for MW-3 and MW-4 were surveyed. The TOC elevation of MW-7 (provided by the NYSDEC) was used as the reference elevation.

Hydrogeologic Observations

As shown on the boring logs, the upper 12 feet of well boring for MW-3 was dominated by silty sand with minor gravel. From 12- to 97-ft bgs, the sediment column was dominated by poorly graded sand with minor gravel. From 97- to 100-ft bgs, a gravelly

Ms. Weinstein
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Page 3

clay was encountered. The sediment column for MW-4 was dominated by poorly and well graded sand with minor to moderate amounts of gravel. Minor clay layers were encountered at approximately 80- and 105-ft bgs. As shown on the boring logs, the PID did not detect the presence of VOCs.

A potentiometric surface map was prepared for the shallow aquifer (see Figure 2). The groundwater flow direction beneath the site was to the south southeast with a gradient of 0.0074 feet per foot. The TOC elevations and depth to water measurements used to prepare the map are included in Table 1.

Analytical Results

Based upon discussions with the on-site NYSDEC representative, the 45-ft bgs soil sample collected from the well boring for MW-3 was analyzed for TCL VOCs. As shown on the laboratory data sheet (see Attachment C), TCL VOCs were not detected above instrument detection limits (IDLs) in the soil sample.

The groundwater analytical results are summarized in Table 2. The groundwater sample collected from MW-3 contained 12 micrograms per liter ($\mu\text{g/l}$) tetrachloroethene (PCE). The groundwater sample collected from MW-4 contained total 1,2-dichloroethene (1,2-DCE), 1,1,1-trichloroethane (TCA), trichloroethene (TCE), and PCE at 27, 22, 31, 310 $\mu\text{g/l}$, respectively. TCL VOCs were not detected in the groundwater sample collected from MW-7 or in the equipment and trip blanks. The VOCs detected in the groundwater samples are typical halogenated solvents or break down products of halogenated solvents.

Conclusions

Based upon the potentiometric surface map (see Figure 2), approximately 12 $\mu\text{g/l}$ PCE is entering the site indicating a potential source of VOC contamination to the north northwest of the subject property. The elevated concentration of halogenated solvents in the groundwater sample collected from MW-4 indicate the presence of contaminant source on the subject property. The eastern edge of the contaminant plume was defined by the absence of VOC contamination in the groundwater sample collected from MW-7. Based upon the Eikon and H2M, the contaminated sediments associated with Leaching Pool No. 1 are the likely source of the halogenated solvents found in the groundwater sample from MW-4.

Ms. Weinstein
August 30, 1995
Page 4

Recommendations

H2M recommends the installation and operation of a soil vapor extraction (SVE) system to remediate the remnant VOC contamination in the unsaturated zone beneath the site in the vicinity of Leaching Pool No. 1. Additionally, we recommend the installation of an air-sparging system in the same area to address the groundwater contamination present at the site.

The air-sparging system would inject air bubbles into the contaminated groundwater site in the vicinity of Leaching Pool No. 1. The air bubbles volatilize the contaminants which are transported to the air/water interface. The vapor-phase contaminants are then extracted by the SVE system and brought to the surface for treatment. This coupling of a SVE system and an air-sparging system is in common use to remediate sites with similar contaminants.

If you should have any questions regarding this matter, please contact this office.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

Gary J. Miller, P.E.
Vice President

Richard J. Baldwin
Richard J. Baldwin, C.P.G.
Senior Hydrogeologist

Enclosure

cc: Paul Casowitz, Esq.
Mark Levine, Esq.

FIGURES

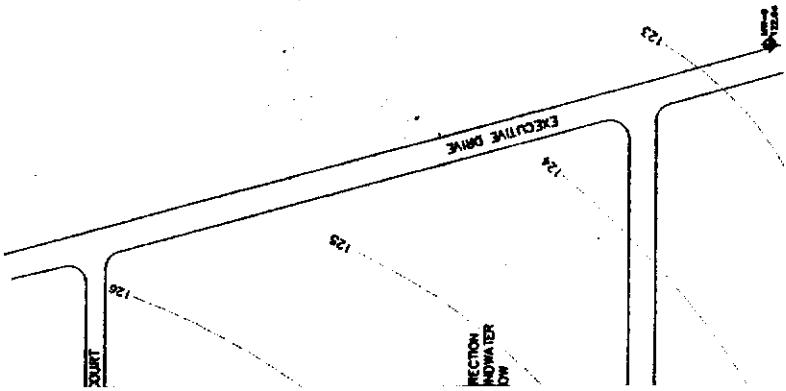
FIGURE 1
SITE VICINITY MAP
WITH POTENTIOMETRIC
SURFACE FOR
APRIL 25, 1994

200' 100' 0 200'

SCALE: 1" = 200'

EXPLANATION

- 100- LOCATION AND DESIGNATION OF RECOVERY WELL.
- 100-2 LOCATION AND DESIGNATION OF DEEP (MAGNET) MONITORING WELL.
- ◆ 100-3 LOCATION AND DESIGNATION OF SHALLOW MONITORING WELL.
- 123 POTENTIOMETRIC SURFACE LINE



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WELLSVILLE, N.Y.
TOMPKINS, N.Y.

M:\CADD\COMM\9501\FIGURE2

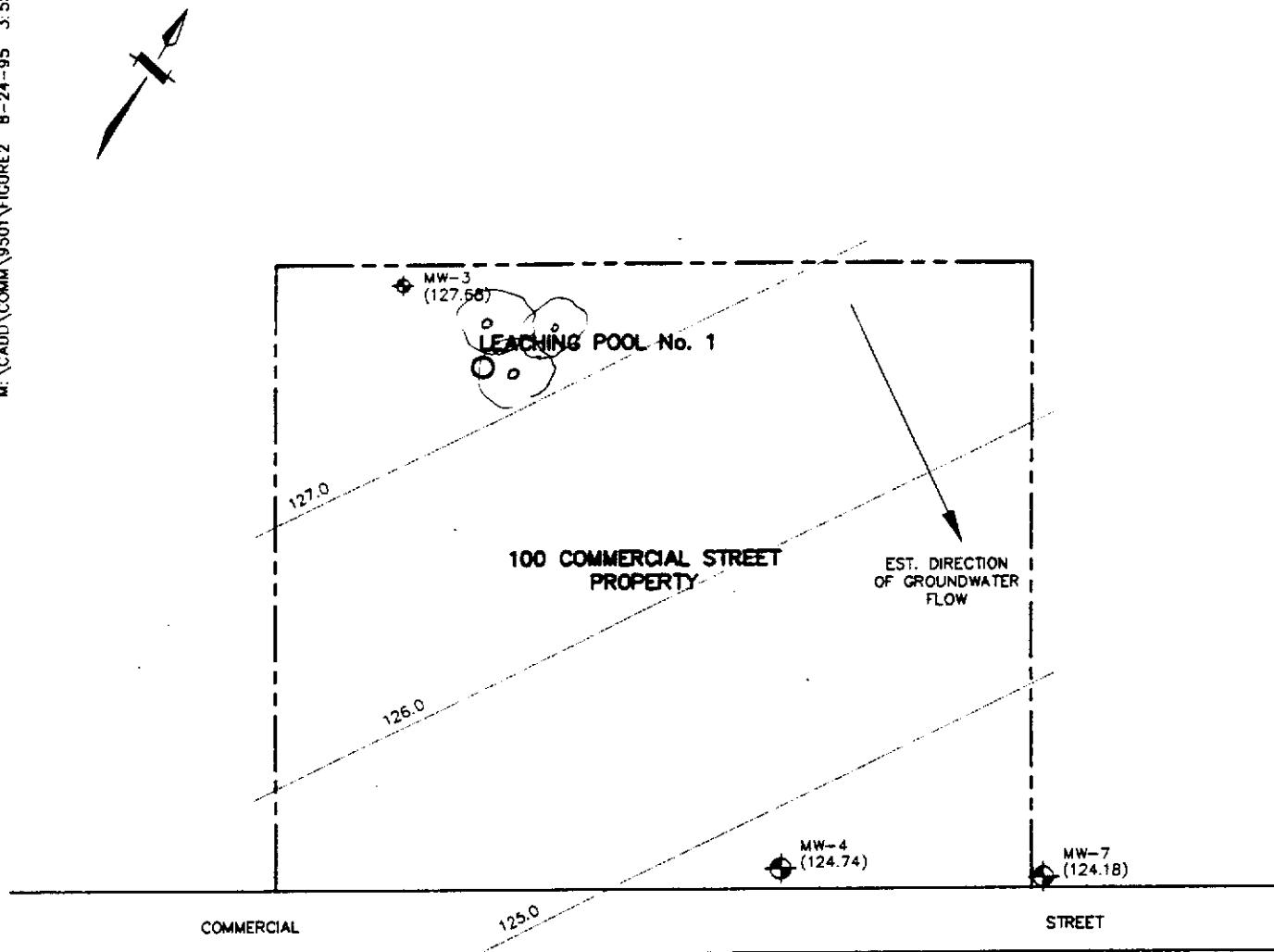
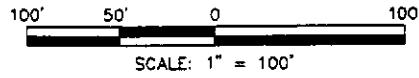


FIGURE 2
SITE VICINITY MAP
WITH POTENTIOMETRIC
SURFACE ON
AUGUST 23, 1994

EXPLANATION



 MW-3 LOCATION MONITORING WELL WITH
(127.68) GROUNDWATER ELEVATION
127.0 POTENTIOMETRIC SURFACE LINE

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MELVILLE, N.Y. TOTOWA, N.J.

TABLES

TABLE 1
100 COMMERCIAL STREET
GROUNDWATER ELEVATION MEASUREMENTS

Well ID	Date	Depth to Groundwater ¹	Reference Elevation ²	Groundwater Elevation
MW-3	23-Aug-95	90.25	217.93	127.68
MW-4	23-Aug-95	104.60	229.34	124.74
MW-7	23-Aug-95	109.42	233.60	124.18

NOTES:

¹ Measured from the top of protective casing.

² Reference - feet above mean sea level from Veeco data.

TABLE 2
100 COMMERCIAL STREET
TARGET COMPOUND LIST VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS
GROUNDWATER SAMPLES

SAMPLE ID.	MW-3	MW-4	MW-4D ³	MW-7	Equip. Blank	Trip Blank	NYSDEC GA Standard ⁴
VOCs - ug/l							
Chloromethane	<10 ¹	<10	<25	<10	<10	<10	NA ⁵
Bromomethane	<10	<10	<25	<10	<10	<10	5
Vinyl Chloride	<10	<10	<25	<10	<10	<10	2
Chloroethane	<10	<10	<25	<10	<10	<10	5
Methylene Chloride	<10	<10	<25	<10	<10	<10	5
1,1-Dichloroethene	<10	<10	<25	<10	<10	<10	5
1,1-Dichloroethane	<10	<10	<25	<10	<10	<10	5
Total-1,2-Dichlorethane	<10	27	<25	<10	<10	<10	NA
Chloroform	<10	<10	<25	<10	<10	<10	7
1,2-Dichloroethane	<10	<10	<25	<10	<10	<10	5
1,1,1-Trichloroethane	<10	22	<25	<10	<10	<10	5
Carbon Tetrachloride	<10	<10	<25	<10	<10	<10	5
Bromodichloromethane	<10	<10	<25	<10	<10	<10	NA
1,2-Dichloropropane	<10	<10	<25	<10	<10	<10	5
Trans-1,3-Dichloropropene	<10	<10	<25	<10	<10	<10	5
Trichloroethene	<10	31	<25	<10	<10	<10	5
Dibromochloromethane	<10	<10	<25	<10	<10	<10	NA
1,1,2-Trichloroethane	<10	<10	<25	<10	<10	<10	5
cis-1,3-Dichloropropene	<10	<10	<25	<10	<10	<10	5
Benzene	<10	<10	<25	<10	<10	<10	0.7
Bromoform	<10	<10	<25	<10	<10	<10	NA
1,1,2,2-Tetrachloroethane	<10	<10	<25	<10	<10	<10	5
Tetrachloroethene	12	3,90E ²	310D	<10	<10	<10	5
Toluene	<10	<10	<25	<10	<10	<10	5
Chlorobenzene	<10	<10	<25	<10	<10	<10	5
Ethylbenzene	<10	<10	<25	<10	<10	<10	5
Xylenes (total)	<10	<10	<25	<10	<10	<10	5
Acetone	<10	<10	<25	<10	<10	<10	NA
2-Butanone (MEK)	<10	<10	<25	<10	<10	<10	NA
4-Methyl-2-Pentanone (MIBK)	<10	<10	<25	<10	<10	<10	NA
Carbon Disulfide	<10	<10	<25	<10	<10	<10	NA
2-Hexanone	<10	<10	<25	<10	<10	<10	NA
Styrene	<10	<10	<25	<10	<10	<10	5

NOTES:
¹ < - Indicates compound was not detected above instrument detection limits.

² E - Concentration exceeded instrument calibration range.

³ D - Sample diluted to bring concentration into calibration range.

⁴ NYSDEC GA Standard based on NYSDEC Division of Water and Operational Guidance Series (1.1.1): AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES, October 22, 1993.

⁵ NA - Not Applicable



ATTACHMENT A

H2M GEOLOGIC / SOIL BORING LOG

DATE: 8/7/95

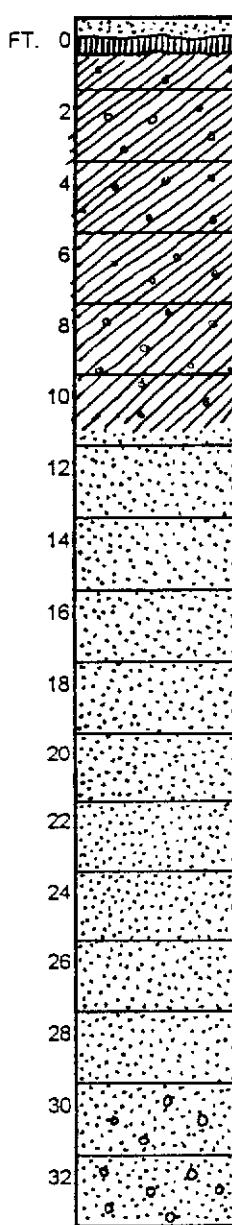
PROJECT NAME: 100 COMMERCIAL ST., PLAINVIEW
 JOB NUMBER: COMM - 9501
 FIELD PERSONNEL: BJB

SITE LOCATION: South of L.I.E., off Executive Dr.
 BORING ID: MW-3
 BORING LOCATION: western property corner by fence

DRILLER: LAND, AIR, WATER Environmental
 SURFACE EL (FT):
 WEATHER: Partly sunny, cool, slightly windy.
 TEMP. mid 70's WIND.

TYPE OF DRILLING:
 HOLLOW STEM CABLE TOOL
 AIR ROTARY DRIVEN
 MUD ROTARY OTHER (SPECIFY)

SOIL TYPE CODES		BORING PROFILE (Depth Relative to Grade)				
Code	Description	FT.	Blows/ Ft	PID/FID (cal.eq)	Rec. (in.)	Description
GW	Weil graded gravels or gravel-sand mixtures.	0				Surficial Sediment ASPHALT
GP	Poorey graded gravels or gravel-sand mixtures.	2				
SW	Well-graded sands, gravelly-sands, no fines	4				
SP	Poorey graded sands, gravelly-sands, no fines	6				
SM	Silty sands, sand-silt mixtures.	8				
ML	Inorganic silts, very fine sands, silty-clayey fine sands.	10				
CL	Inorganic clays, gravelly-clays, sandy clays, silty or lean clays.	12				
OL	Organic silts, organic silty-clays of low plasticity.	14				
OH	Organic clays of med. to high plasticity, organic silts.	16				
PT	Peat and other highly organic soils.	18				
BD	Bedrock, rock, etc.	20				
**	OTHER (fill, etc.)	22				
	SPECIFY !!	24				
MISC. COMMENTS:		26				
		28				
		30				
		32				



H2M GEOLOGIC / SOIL BORING LOG

BORING ID: MW-3

BORING PROFILE (Depth Relative to Grade)		Blows/ Ft.	PID/FID (cal.eq)	Rec. (in.)	Description
FT.	34		0.2 / 0.0	12"	Tan, coarse to fine sand, some gravel & grt. cobbles, widely spaced orange sand bands; slight orange banding.
	36				
	38				
	40		0.4 / 0.0	15"	Orange, coarse to med. sand, some gravel and grt. cobbles, faint orange banding.
	42				
	44		0.2 / 0.0	14"	Tan med. to fine sand, some gravel and trace grt. cobbles, some orange banding and black sand lenses.
	46				
	48				
	50		0.2 / 0.0	18"	Tan fine sand with orange laminae and black sand lenses, orange banding.
	52				
	54				
	56				
	58				
	60		0.2 / 0.0	16"	Tan to orange fine sand, black sand lenses*, laminae less distinct but more frequent.
	62				
	64				
	66				
	68				
	70		0.6 / 0.0	20"	Tan to orange fine micaceous sand, black sand lenses*, laminae present but indistinct.
	72				
	74				
	76				
	78				
	80		0.4 / 0.0	18"	Tan to orange laminated fine sand, black sand lenses*, laminae fade out.

MISC. COMMENTS:

* Black sand lenses ranged from 1-8 mm thick and 4-20 mm long; each surrounded a small piece of black rock; usually found as part of a multi-colored band; mica flakes also present in sand.

H2M GEOLOGIC / SOIL BORING LOG

BORING ID: MW-3

BORING PROFILE (Depth Relative to Grade)		Blows/ Ft.	PID/FID (cal.eq)	Rec. (in.)	Description
FT.	82				
	84				
	86				
	88				
	90				
	92				
	94				
	96				
	98				
	100				
	102				
	104				
	106				
	108				
	110				
	112				
	114				
	116				
	118				
	120				
	122				
	124				
	126				
	128				

H2M GEOLOGIC / SOIL BORING LOG

DATE: 8/8/95

PROJECT NAME: 100 COMMERCIAL ST, PLAINVIEW
JOB NUMBER: Comm 9501
FIELD PERSONNEL: BJB

SITE LOCATION: South of L.I.E., off Executive Dr.
BORING ID: MW-4
BORING LOCATION: 145 ft. southwest of MW-7

DRILLER: LAND AIR, WATER ENVIRONMENTAL
SURFACE EL (FT):
WEATHER: Sunny, warm, no humidity
TEMP. mid 80's
WIND. slight breeze

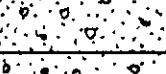
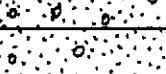
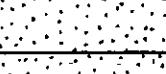
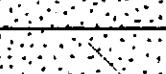
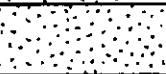
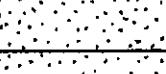
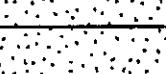
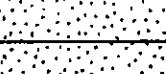
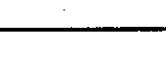
TYPE OF DRILLING:

- HOLLOW STEM CABLE TOOL
 AIR ROTARY DRIVEN
 MUD ROTARY OTHER (SPECIFY) _____

H2M GEOLOGIC / SOIL BORING LOG

BORING ID: MW-4

SOIL TYPE CODES	
GW	Well graded gravels or gravel-sand mixtures.
GP	Poorly graded gravels or gravel-sand mixtures.
SW	Well-graded sands, gravelly-sands, no fines
SP	Poorly graded sands, gravelly-sands, no fines
SM	Silty sands, sand-silt mixtures.
ML	Inorganic silts, very fine sands, silty-clayey fine sands.
CL	Inorganic clays, gravelly-clays, sandy clays, silty or lean clays.
OL	Organic silts, organic silty-clays of low plasticity.
OH	Organic clays of med. to high plasticity, organic silts.
PT	Peat and other highly organic soils.
BD	Bedrock, rock, etc.
**	OTHER (fill, etc.)
	SPECIFY !!
MISC. COMMENTS:	

BORING PROFILE (Depth Relative to Grade)		Blows/ Ft.	PID/FID (cal.eq)	Rec. (in.)	Description
FT.					
34			0.2/0.2	20"	Tan to orange, coarse to fine sand, some gravel and trace qtz. cobbles.
36					
38					
40			0.5/0.2	17"	Orange to tan, coarse to med. micaceous sand with some gravel, not laminated.
42					
44			0.4/0.2	20"	Tan to orange, coarse to fine sand with some gravel, black sand lenses* in lower portion with orange laminae.
46					
48			0.4/0.2	18"	Tan to orange, med. to very fine sand, no gravel; lower portion is finer w/ black sand lenses* and laminae; cohesive; slightly damp.
50					
52			0.4/0.2	14"	Tan to orange, med. to fine sand, no gravel; laminae and black sand lenses*; cohesive; slightly damp.
54					
56					
58					
60			0.8/0.2	20"	Tan to orange, laminated med. to fine sand; small black sand lenses; micaceous.
62					
64					
66					
68					
70					
72			1.0/0.2	20"	Tan to orange, med. to fine sand with laminae & small black sand lenses; 1.0cm clay/lt. layer near end.
74					
76					
78					
80					

H2M GEOLOGIC / SOIL BORING LOG

BORING ID: MW-4

SOIL TYPE CODES

GW Well graded gravels or
gravel-sand mixtures.

GP Poorly graded gravels
or gravel-sand mixtures.

SW Well-graded sands,
gravely-sands, no fines

SP Poorly graded sands,
gravely-sands, no fines

SM Silty sands, sand-
silt mixtures.

ML Inorganic silts, very fine
sands, silty-clayey fine sands.

CL Inorganic clays, gravelly-clays,
sandy clays, silty or lean clays.

OL Organic silts, organic silty-
clays of low plasticity.

OH Organic clays of med. to high
plasticity, organic silts.

PT Peat and other highly organic
soils.

BD Bedrock, rock, etc.

** OTHER (fill, etc.)
SPECIFY !!

MISC. COMMENTS:

BORING PROFILE (Depth Relative to Grade)		Blows/ Ft.	PID/FID (cal.eq)	Rec. (in.)	Description
FT.	82				
	84				
	86				
	88				
	90				
	92				
	94				
	96				
	98				
	100				
	102				
	104				
	106				
	108				
	110				
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	114				
	116				
	118				
	120				
	122				
	124				
	126				
	128				

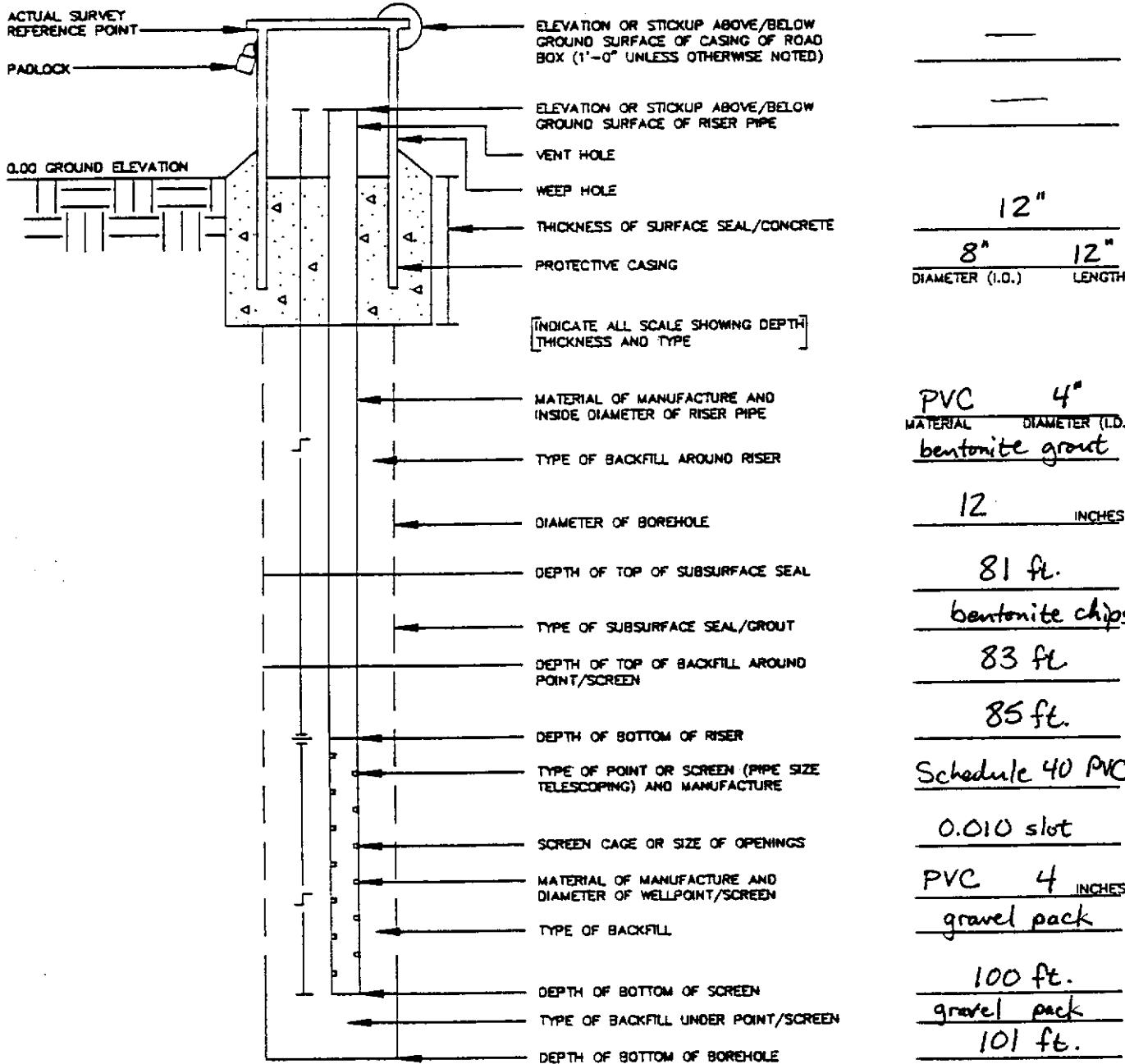
GROUNDWATER MONITORING WELL REPORT

SITE: 100 Commercial St. LOCATION: Plainview, NY PROJECT NO.: Comm 9501
 CONTRACTOR: H2M Group DRILLER: Land, Air, Water Environmental Services
 INSPECTOR: BJB INSTALLATION DATE: 8/7/95 WELL NO.: MW-3

NOTE: UNLESS OTHERWISE DESIGNATED ALL DEPTHS ARE BASED ON A 0.00 GROUND ELEVATION

DRILLING METHOD

Hollow Stem Auger



WELLPOINT/DWS

ADM9112

(L1) LENGTH OF RISER 85 ft. (L2) LENGTH OF SCREEN 15 ft. REFERENCE POINT _____ GROUND ELEV. _____

ACTUAL ELEVATIONS - WHERE AVAILABLE

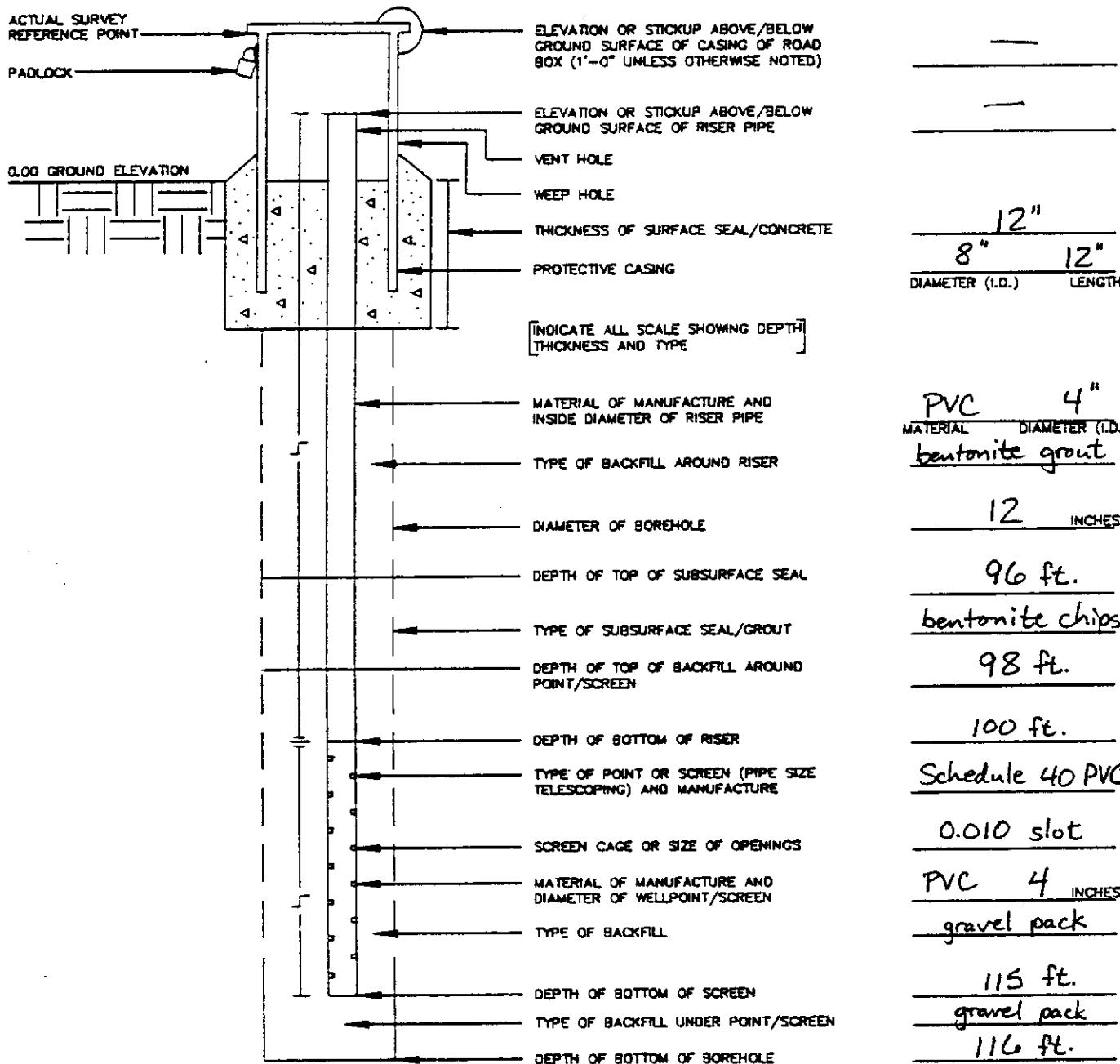
GROUNDWATER MONITORING WELL REPORT

SITE: 100 Commercial St. LOCATION: Plainview, NY PROJECT NO.: Comm 9501
 CONTRACTOR: H2M Group DRILLER: Land, Air, Water Environmental Services
 INSPECTOR: BJB INSTALLATION DATE: 8/8/95 WELL NO.: MW-4

NOTE: UNLESS OTHERWISE DESIGNATED ALL DEPTHS ARE BASED ON A 0.00 GROUND ELEVATION

DRILLING METHOD

Hollow Stem Auger



WELL DETAILS
ADM 95012

(L1) LENGTH OF RISER 100 ft. (L2) LENGTH OF SCREEN 15 ft. REFERENCE POINT _____ GROUND ELEV. _____
ACTUAL ELEVATIONS - WHERE AVAILABLE

H2M GROUP

ATTACHMENT B

H2M GROUP

GROUNDWATER DEVELOPMENT LOG

Page 1 of 2

Client:	R. Weinstein	Total Well Depth*:	100.05 ft.
Site:	100 Commerical St.	Well Diameter:	4"
Job#:	COMM 9501	Borehole Diameter:	12"
Well ID:	MW-3	Volume Removed:	276 gal.

Date:	8/10/95	Measured Water Level*:	90.11 ft.	Develop Method:	Submersible Pump
		Standing Water Column:	9.94 ft.	Presamp Purge Method:	NA
		Amnt of One Well Volume:	6.49 gal.	Sampling Method:	NA
		Total Water to be Pumped:	19.47 gal.	Field Tech:	AGL / BJB

* All measurements taken from: Top of Casing; Protective Casing; Ground Level

TIME (min.)	AMOUNT PURGED (GAL)	FIELD PARAMETER MEASURED				COMMENTS
		EC (mV)	pH	TEMP (C)	TURB (NTU)	
9:50	6.0	-	-	-	-	Flow Rate measured; 6.0 gallons / minute (gpm).
10:00	66.0	385	5.62	17	>200	-
10:04	90.0	399	5.42	16	>200	-
10:06	102.0	390	5.44	16	>200	-
10:13	144.0	391	5.34	16	>200	-
10:16	162.0	374	5.44	16	>200	-
10:20	186.0	381	5.18	16	>200	-
10:24	210.0	378	5.2	16	>200	-
10:28	234.0	383	5.19	16	197	-
10:32	258.0	384	5.02	16	175	-
10:35	276.0	382	5.06	16	145	-
						Slightly silty; no odors.
						Slightly silty; no odors.
						Slightly silty; no odors.
						Slightly silty; no odors; Depth to water after pumping: 90.12 ft.

H2M GROUP GROUNDWATER DEVELOPMENT LOG

* All measurements taken from: X Top of Casing; — Protective Casing; — Ground Level

H2M GROUP

GROUNDWATER DEVELOPMENT LOG

* All measurements taken from: X Top of Casing; Protective Casing; Ground Level

H2M GROUP

GROUNDWATER DEVELOPMENT LOG

Client:	R. Weinstein	Total Well Depth*:	134.36 ft.
Site:	100 Commerical St.	Well Diameter:	4"
Job#:	COMM 9501	Borehole Diameter:	12"
Well ID:	MW-7	Volume Removed:	50 gal.

Date:	<u>8/23/95</u>	Measured Water Level*: <u>109.42 ft.</u>	Develop Method: <u>NA</u>
		Standing Water Column: <u>24.94 ft.</u>	Presamp Purge Method: <u>3" Bailer</u>
		Amnt of One Well Volume: <u>16.29 gal.</u>	Sampling Method: <u>Disposable Bailer</u>
		Total Water to be Pumped: <u>48.86 gal.</u>	Field Tech: <u>AGL / BJB</u>

* All measurements taken from: X Top of Casing; — Protective Casing; — Ground Level

H2M GROUP
GROUNDWATER DEVELOPMENT LOG

卷之三

Client: R. Weinstein Total Well Depth*: 115.00 ft.
Site: 100 Commercial St. Well Diameter: 4"

Job#:	COMM 9501	Borehole Diameter:	12"
Well ID:	MW-4	Volume Removed:	21 gal.

8/10/95	Measured Water Level*: <u>104.60 ft.</u>	Developed Standing Water Column: <u>10.40 ft.</u>	Presamp Pump Amnt of One Well Volume: <u>6.80 gal.</u>	Sampling Total Water to be Pumped: <u>20.4 gal.</u>
---------	--	--	---	--

* All measurements taken from: _____



ATTACHMENT C

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8 NYSDOH ID# 10478 LAB NO: 9522064

ROBIN WEINSTEIN
400 MADISON AVE.
NEW YORK, NY 10017

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/07/95 POINT NO:
TIME COLLECTED. 1120 HRS. LOCATION: MW-3 45'-47'
DATE RECEIVED.. 08/09/95
COLLECTED BY... BJB03
PROJECT NO..... COMM9501T4 REMARKS: 100 COMMERCIAL AVE.
PLAINVIEW, NY

<u>PARAMETER (S)</u>	<u>RESULTS UNITS</u>
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TOTAL SOLIDS	94.9 %
--------------	--------

COPIES TO: RJB

DATE ISSUED 08/22/95

RJB

Stanley J. Deacon
LABORATORY DIRECTOR

ELM LABS, INC.

ROBIN WEINSTEIN
400 MADISON AVE.
NEW YORK, NY 10017

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX:(516)420-8 MYSDOH ID# 10478

LAB NO: 9522064

TYPE..... SOIL
SPECIAL
METHOD.... GRAB

DATE COLLECTED. 08/07/95 POINT NO:
TIME COLLECTED. 1120 HRS. LOCATION: MW-3 45'-47'
DATE RECEIVED.. 08/09/95
COLLECTED BY... BJB03
PROJECT NO.... COMM9501T4 REMARKS: 100 COMMERCIAL AVE.
PLAINVIEW, NY

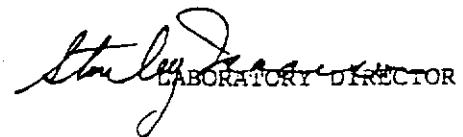
TCL PURGEABLE ORGANICS - (ug/kg)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
CHLOROMETHANE	<11		
BROMOMETHANE	<11		
VINYL CHLORIDE	<11		
CHLOROETHANE	<11		
METHYLENE CHLORIDE	<11		
1,1-DICHLOROETHENE	<11		
1,1-DICHLOROETHANE	<11		
TRANS-1,2-DICHLOROETHENE	<11		
CHLOROFORM	<11		
1,2-DICHLOROETHANE	<11		
1,1,1-TRICHLOROETHANE	<11		
CARBON TETRACHLORIDE	<11		
BROMODICHLOROMETHANE	<11		
1,2-DICHLOROPROPANE	<11		
TRANS-1,3-DICHLOROPROPENE	<11		
TRICHLOROETHENE	<11		
DIBROMOCHLOROMETHANE	<11		
1,1,2-TRICHLOROETHANE	<11		
CIS-1,3-DICHLOROPROPENE	<11		
BENZENE	<11		
BROMOFORM	<11		
1,1,2,2-TETRACHLOROETHANE	<11		
TETRACHLOROETHENE	<11		
TOLUENE	<11		
CHLOROBENZENE	<11		
ETHYLBENZENE	<11		
XYLENES (TOTAL)	<11		
ACETONE	<11		
2-BUTANONE (MEK)	<11		
4-METHYL-2PENTANONE(MIBK)	<11		
CARBON DISULFIDE	<11		
2-HEXANONE	<11		
STYRENE	<11		

COPIES TO: RJB

DATE ISSUED 08/22/95

DATE RUN..... 08/15/95
DATE REPORTED.. 08/16/95


Stanley J. Deacon
LABORATORY DIRECTOR

RJB

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-8 NYSDOH ID# 10478
LAB NO: 9523500

ROBIN WEINSTEIN
KENSINGTON & RESSLER PC
400 MADISON AVE.
NEW YORK, NY 10017

TYPE..... MISCELLANEOUS LIQUID
SPECIAL

DATE COLLECTED. 08/23/95 POINT NO:
DATE RECEIVED.. 08/23/95 LOCATION: MW-3
COLLECTED BY... AGL03
PROJECT NO..... COMM9501T4 REMARKS: 100 COMMERCIAL ST.

TCL PURGEABLE ORGANICS - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
CHLOROMETHANE	<10		
BROMOMETHANE	<10		
VINYL CHLORIDE	<10		
CHLOROETHANE	<10		
METHYLENE CHLORIDE	<10		
1,1-DICHLOROETHENE	<10		
1,1-DICHLOROETHANE	<10		
TOTAL-1,2-DICHLOROETHENE	<10		
CHLOROFORM	<10		
1,2-DICHLOROETHANE	<10		
1,1,1-TRICHLOROETHANE	<10		
CARBON TETRACHLORIDE	<10		
BROMODICHLOROMETHANE	<10		
1,2-DICHLOROPROPANE	<10		
TRANS-1,3-DICHLOROPROPENE	<10		
TRICHLOROETHENE	<10		
DIBROMOCHLOROMETHANE	<10		
1,1,2-TRICHLOROETHANE	<10		
CIS-1,3-DICHLOROPROPENE	<10		
BENZENE	<10		
BROMOFORM	<10		
1,1,2,2-TETRACHLOROETHANE	<10		
TETRACHLOROETHENE	12		
TOLUENE	<10		
CHLOROBENZENE	<10		
ETHYLBENZENE	<10		
XYLENES (TOTAL)	<10		
ACETONE	<10		
2-BUTANONE (MEK)	<10		
4-METHYL-2PENTANONE(MIBK)	<10		
CARBON DISULFIDE	<10		
2-HEXANONE	<10		
STYRENE	<10		

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DATE ISSUED 08/29/95

DATE RUN..... 08/25/95
DATE REPORTED.. 08/25/95

J. M. Blawie
LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420- NYSDOH ID# 10478 LAB NO: 9523501

ROBIN WEINSTEIN
KENSINGTON & RESSLER PC
400 MADISON AVE.
NEW YORK, NY 10017

TYPE..... MISCELLANEOUS LIQUID
SPECIAL

DATE COLLECTED. 08/23/95 POINT NO:
DATE RECEIVED.. 08/23/95 LOCATION: MW-4
COLLECTED BY... AGL03
PROJECT NO..... COMM9501T4 REMARKS: 100 COMMERCIAL ST.

TCL PURGEABLE ORGANICS - (ug/l)

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
CHLOROMETHANE	<10		
BROMOMETHANE	<10		
VINYL CHLORIDE	<10		
CHLOROETHANE	<10		
METHYLENE CHLORIDE	<10		
1,1-DICHLOROETHENE	<10		
1,1-DICHLOROETHANE	<10		
TOTAL-1,2-DICHLOROETHENE	27		
CHLOROFORM	<10		
1,2-DICHLOROETHANE	<10		
1,1,1-TRICHLOROETHANE	22		
CARBON TETRACHLORIDE	<10		
BROMODICHLOROMETHANE	<10		
1,2-DICHLOROPROPANE	<10		
TRANS-1,3-DICHLOROPROPENE	<10		
TRICHLOROETHENE	31		
DIBROMOCHLOROMETHANE	<10		
1,1,2-TRICHLOROETHANE	<10		
CIS-1,3-DICHLOROPROPENE	<10		
BENZENE	<10		
BROMOFORM	<10		
1,1,2,2-TETRACHLOROETHANE	<10		
TETRACHLOROETHENE	390E		
TOLUENE	<10		
CHLOROBENZENE	<10		
ETHYLBENZENE	<10		
XYLENES (TOTAL)	<10		
ACETONE	<10		
2-BUTANONE (MEK)	<10		
4-METHYL-2PENTANONE(MIBK)	<10		
CARBON DISULFIDE	<10		
2-HEXANONE	<10		
STYRENE	<10		

E = ESTIMATED VALUE, ABOVE LINEAR RANGE

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DATE ISSUED 08/29/95

DATE RUN..... 08/25/95
DATE REPORTED.. 08/28/95

ORIGINAL


J.M. Weinstein
LABORATORY DIRECTOR

H A LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX:(516) 420-8

NYSOEH ID# 0478 LAB NO: 9523501 /DL

ROBIN WEINSTEIN
KENSINGTON & RESSLER PC
400 MADISON AVE.
NEW YORK, NY 10017

TYPE..... MISCELLANEOUS LIQUID
SPECIAL

DATE COLLECTED. 08/23/95 POINT NO:
DATE RECEIVED.. 08/23/95 LOCATION: MW-4
COLLECTED BY... AGL03
PROJECT NO..... COMM9501T4 REMARKS: 100 COMMERCIAL ST.

TCL PURGEABLE ORGANICS - (ug/l)

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
CHLOROMETHANE	<25		
BROMOMETHANE	<25		
VINYL CHLORIDE	<25		
CHLOROETHANE	<25		
METHYLENE CHLORIDE	<25		
1,1-DICHLOROETHENE	<25		
1,1-DICHLOROETHANE	<25		
TOTAL-1,2-DICHLOROETHENE	<25		
CHLOROFORM	<25		
1,2-DICHLOROETHANE	<25		
1,1,1-TRICHLOROETHANE	<25		
CARBON TETRACHLORIDE	<25		
BROMODICHLOROMETHANE	<25		
1,2-DICLOROPROPANE	<25		
TRANS-1,3-DICLOROPROPENE	<25		
TRICHLOROETHENE	<25		
DIBROMOCHLOROMETHANE	<25		
1,1,2-TRICHLOROETHANE	<25		
CIS-1,3-DICLOROPROPENE	<25		
BENZENE	<25		
BROMOFORM	<25		
1,1,2,2-TETRACHLOROETHANE	<25		
TETRACHLOROETHENE	310D		
TOLUENE	<25		
CHLOROBENZENE	<25		
ETHYLBENZENE	<25		
XYLENES (TOTAL)	<25		
ACETONE	<25		
2-BUTANONE (MEK)	<25		
4-METHYL-2PENTANONE(MIBK)	<25		
CARBON DISULFIDE	<25		
2-HEXANONE	<25		
STYRENE	<25		

D = DILUTED VALUE

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DATE RUN..... 08/28/95
DATE REPORTED.. 08/28/95

ORIGINAL

J.M. Blawie
LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX:(516)420-8 NYSDOH ID# 10478

LAB NO: 9523502

ROBIN WEINSTEIN
KENSINGTON & RESSLER PC
400 MADISON AVE.
NEW YORK, NY 10017

TYPE..... MISCELLANEOUS LIQUID
SPECIAL

DATE COLLECTED. 08/23/95 POINT NO:
DATE RECEIVED.. 08/23/95 LOCATION: MW-7
COLLECTED BY... AGL03
PROJECT NO..... COMM9501T4 REMARKS: 100 COMMERCIAL ST.

TCL PURGEABLE ORGANICS - (ug/l)

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
CHLOROMETHANE	<10		
BROMOMETHANE	<10		
VINYL CHLORIDE	<10		
CHLOROETHANE	<10		
METHYLENE CHLORIDE	<10		
1,1-DICHLOROETHENE	<10		
1,1-DICHLOROETHANE	<10		
TOTAL-1,2-DICHLOROETHENE	<10		
CHLOROFORM	<10		
1,2-DICHLOROETHANE	<10		
1,1,1-TRICHLOROETHANE	<10		
CARBON TETRACHLORIDE	<10		
BROMODICHLOROMETHANE	<10		
1,2-DICHLOROPROPANE	<10		
TRANS-1,3-DICHLOROPROPENE	<10		
TRICHLOROETHENE	<10		
DIBROMOCHLOROMETHANE	<10		
1,1,2-TRICHLOROETHANE	<10		
CIS-1,3-DICHLOROPROPENE	<10		
BENZENE	<10		
BROMOFORM	<10		
1,1,2,2-TETRACHLOROETHANE	<10		
TETRACHLOROETHENE	<10		
TOLUENE	<10		
CHLOROBENZENE	<10		
ETHYLBENZENE	<10		
XYLENES (TOTAL)	<10		
ACETONE	<10		
2-BUTANONE (MEK)	<10		
4-METHYL-2PENTANONE(MIBK)	<10		
CARBON DISULFIDE	<10		
2-HEXANONE	<10		
STYRENE	<10		

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DATE RUN..... 08/25/95
DATE REPORTED.. 08/25/95

ORIGINAL

J.M. Marvin
LABORATORY DIRECTOR

H2M LABS INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)420-10478 NYSDOH ID# 10478 LAB NO: 9523503

ROBIN WEINSTEIN
KENSINGTON & RESSLER PC
400 MADISON AVE.
NEW YORK, NY 10017

TYPE..... MISCELLANEOUS LIQUID
SPECIAL

DATE COLLECTED. 08/23/95 POINT NO:
DATE RECEIVED.. 08/23/95 LOCATION: EQUIPMENT BLANK
COLLECTED BY... AGL03
PROJECT NO..... COMM9501T4 REMARKS: 100 COMMERCIAL ST.

TCL PURGEABLE ORGANICS - (ug/l)

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
CHLOROMETHANE	<10		
BROMOMETHANE	<10		
VINYL CHLORIDE	<10		
CHLOROETHANE	<10		
METHYLENE CHLORIDE	<10		
1,1-DICHLOROETHENE	<10		
1,1-DICHLOROETHANE	<10		
TOTAL-1,2-DICHLOROETHENE	<10		
CHLOROFORM	<10		
1,2-DICHLOROETHANE	<10		
1,1,1-TRICHLOROETHANE	<10		
CARBON TETRACHLORIDE	<10		
BROMODICHLOROMETHANE	<10		
1,2-DICHLOROPROPANE	<10		
TRANS-1,3-DICHLOROPROPENE	<10		
TRICHLOROETHENE	<10		
DIBROMOCHLOROMETHANE	<10		
1,1,2-TRICHLOROETHANE	<10		
CIS-1,3-DICHLOROPROPENE	<10		
BENZENE	<10		
BROMOFORM	<10		
1,1,2,2-TETRACHLOROETHANE	<10		
TETRACHLOROETHENE	<10		
TOLUENE	<10		
CHLOROBENZENE	<10		
ETHYLBENZENE	<10		
XYLENES (TOTAL)	<10		
ACETONE	<10		
2-BUTANONE (MEK)	<10		
4-METHYL-2PENTANONE(MIBK)	<10		
CARBON DISULFIDE	<10		
2-HEXANONE	<10		
STYRENE	<10		

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DATE ISSUED 08/29/95

DATE RUN..... 08/25/95
DATE REPORTED.. 08/25/95

J.M. Weinstein
LABORATORY DIRECTOR

ORIGINAL