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Holzmacher, McLendon & Murrell, P.C. ◣ H2M Associates, Inc.
H2M Labs, Inc. ◣ H2M Construction Management, Inc.
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(631) 756-8000, Fax: (631) 694-4122
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November 25, 2002

Robert Stewart
NYSDEC Region 1
Division of Environmental Remediation
Building 40, SUNY
Stony Brook, NY 11790-2356

Re: Second Round Groundwater Monitoring Report
333 Smith Street, Farmingdale, New York
NYSDEC Index # W1-0819-98-07

Dear Mr. Stewart:

Holzmacher, McLendon & Murrell, P.C. (H2M) has completed the second round of quarterly groundwater monitoring at 333 Smith Street in Farmingdale, New York. This letter report summarizes the field methods for the collection and analysis of eight groundwater samples and provides recommendations based on field observations and laboratory analytical results.

Background

H2M was retained by Reckson Associates Realty Corp. (Reckson) to conduct groundwater monitoring activities at the subject property in accordance with a November 28, 2001 Work Plan prepared by Environmental Resource Management (ERM) as part of a Voluntary Investigation Agreement (VIA) (Index No. W1-0819-98-07) between Reckson and the New York State Department of Environmental Conservation (NYSDEC). Six groundwater monitoring wells were installed at the site in April and May 2002 to facilitate groundwater monitoring activities. A site location map and a site plan depicting monitoring well locations are provided as Figures 1 and 2, respectively. First round monitoring results were presented to NYSDEC in an October 30, 2002 report titled "Groundwater Monitoring Program Report Including Initial Sampling Event". This report documents the second round of quarterly groundwater monitoring.

Methods and Field Observations

On August 13, 2002, H2M personnel collected samples from eight groundwater monitoring wells at the subject property. Prior to sampling the wells, groundwater elevation measurements were gauged using a water level meter in order to determine groundwater gradient and flow direction. Groundwater gauging data from the monitoring event is summarized in Table 1, and associated groundwater elevation contours are represented in Figure 3.

To ensure representative groundwater samples, wells were purged of three well volumes of water using a decontaminated in-line submersible pump with dedicated polyethylene tubing. During purging, purge water was analyzed for several water quality parameters using a Horiba U-22 water quality meter. These parameters included dissolved oxygen (DO), temperature in degrees Celsius (Temp), pH, specific conductivity in micro-Siemens (μS), and turbidity in nephelometric turbidity units (NTUs). This was done to ensure that the purged groundwater would meet NYSDEC sampling protocol before samples were collected from the wells. Groundwater samples were collected using new, dedicated disposable polyethylene bailers. Groundwater samples were placed in laboratory-supplied glassware and stored immediately in an ice-filled cooler for transport to Long Island Analytical Laboratories, Inc. (LIAL), of Holbrook, New York [New York State Department of Health (NYSDOH) Environmental Lab Accreditation Program (ELAP) No. 11693] for VOC analysis by EPA Method 624.

Results

Tetrachloroethylene (PCE) was detected above the 5 parts per billion (ppb) NYSDEC water quality standard set forth in 6 NYCRR Part 703 in all eight sampled wells, at concentrations ranging from 10 ppb (MW-10R) to 48 ppb (MW-16). Furthermore, trichloroethylene (TCE) was detected above the NYSDEC water quality standard in six of the eight wells, at concentrations ranging from 6 ppb (MW-6R) to 17 ppb (MW-16). TCE was not detected above practical quantitation limits (PQLs) in MW-10R and MW-17. No other VOC constituents were detected above their respective PQLs. A summary of the groundwater analytical results is presented in Table 2. A summary of additional groundwater parameter sampling data is presented in Table 3. PCE and total VOC concentrations are represented as concentration isopleth maps in Figures 4 and 5 respectively. Laboratory analytical reports and chain-of-custody documentation are included as attachments.

Conclusions and Recommendations

Analytical results from the second quarterly groundwater monitoring event indicate that elevated levels of PCE and TCE are present in the site groundwater. The area of greatest impact is in the apparent prior source area represented by MW-16. Well-defined aqueous PCE and total VOC concentration maps were extrapolated from the analytical data. The maps indicate that there is an element of the plume that extends significantly upgradient from the prior source area. Total VOC concentrations on the downgradient end of the property are equal to or less than background concentrations as measured at the upgradient wells, indicating that residual VOC impacts to groundwater are being attenuated in transport, down to background levels, prior to leaving the site. Therefore, since the total chlorinated solvent concentrations leaving the site are less than or equal to background levels, the measured contamination is likely attributable to an upgradient off-site source. Furthermore, total VOC concentrations have decreased in comparison to the initial monitoring event conducted in May of this year.

Considering the above, H2M recommends that further monitoring in accordance with the approved Work Plan be conducted at the site to confirm the continuation of the decreasing trend in VOC concentrations.

If you should have any questions or concerns, please feel free to contact any of the undersigned at (631) 756-8000.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

Philip J. Schade, P.E.
Department Manager

Manfred W. Bohms
Project Manager

Cc: P. Fallon (Reckson)
L. Evans, Esq. (Sidley Austin Brown & Wood)
S. Shaw (NYSDEC)
R. Gilday (NYSDOH)
R. Seyfarth (SCDHS)
G. Rosser (SCDHS)

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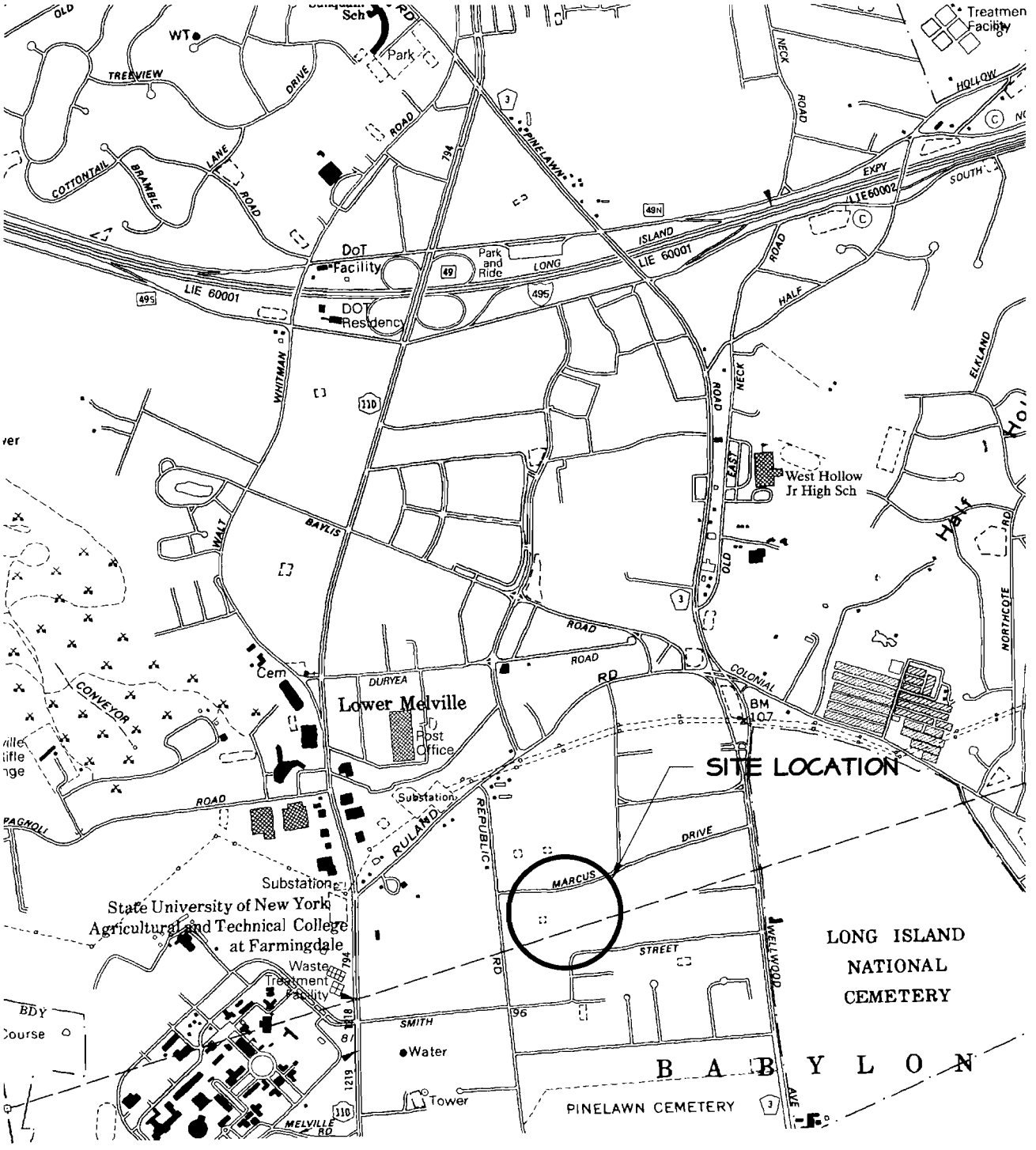

FIGURE 1
SITE LOCATION MAP
333 SMITH STREET FARMINGDALE, NY

SCALE: 1" = 20'

H2MGROUP
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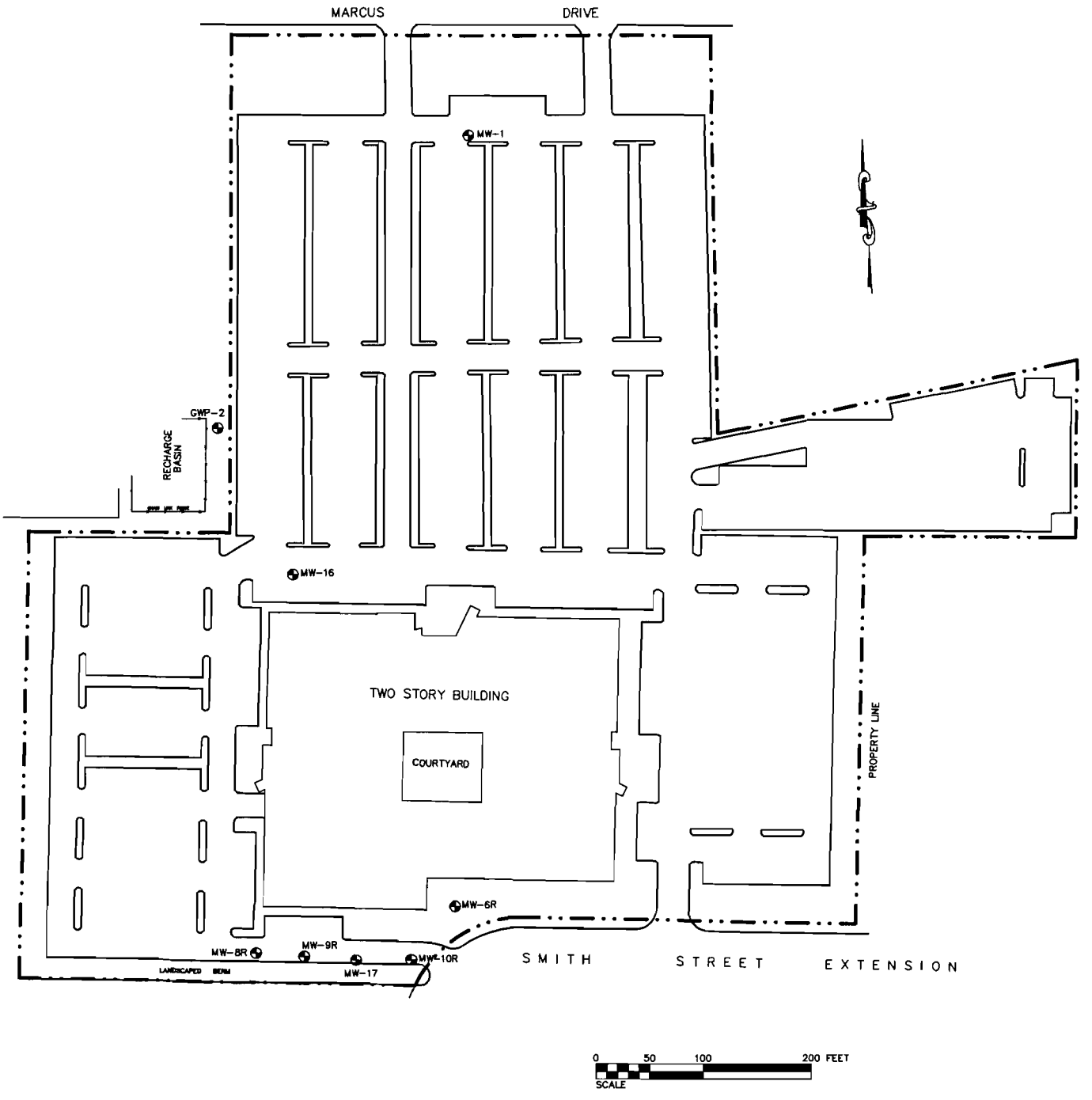
MELVILLE, N.Y. TOTOWA, N.J.



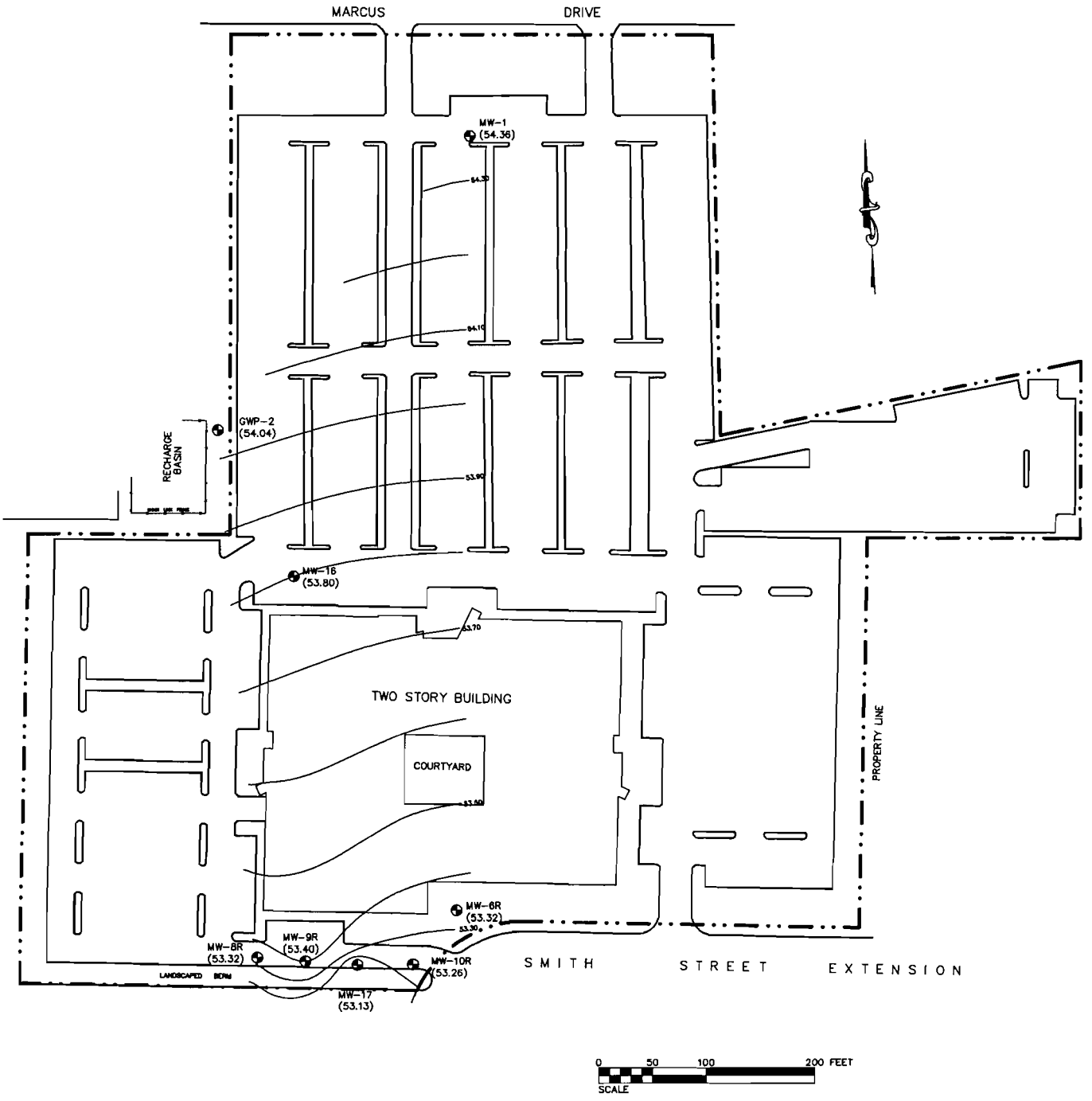
LEGEND

⊕ MW-1	MONITORING WELL LOCATION

FIGURE 2: SITE PLAN

333 SMITH STREET FARMINGDALE, NEW YORK

BASE MAP SOURCE: SCHNEPF & MURRELL, P.C.



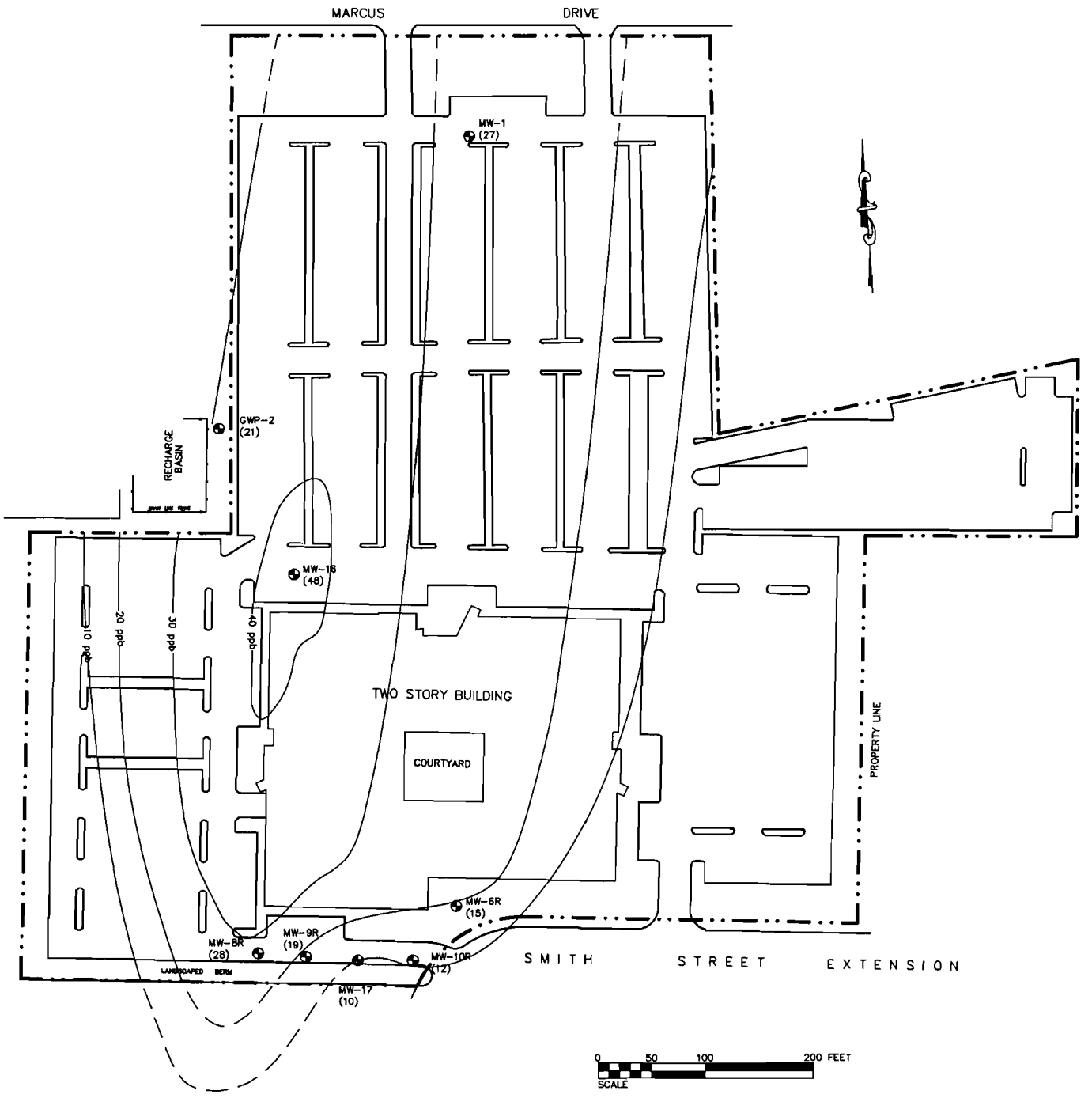
LEGEND

⊕ MW-1	MONITORING WELL LOCATION
(54.36)	GROUNDWATER ELEVATION (IN FEET)

FIGURE 3: GROUNDWATER ELEVATION CONTOUR MAP

333 SMITH STREET FARMINGDALE, NEW YORK

BASE MAP SOURCE: SCHNEPF & MURRELL, P.C.



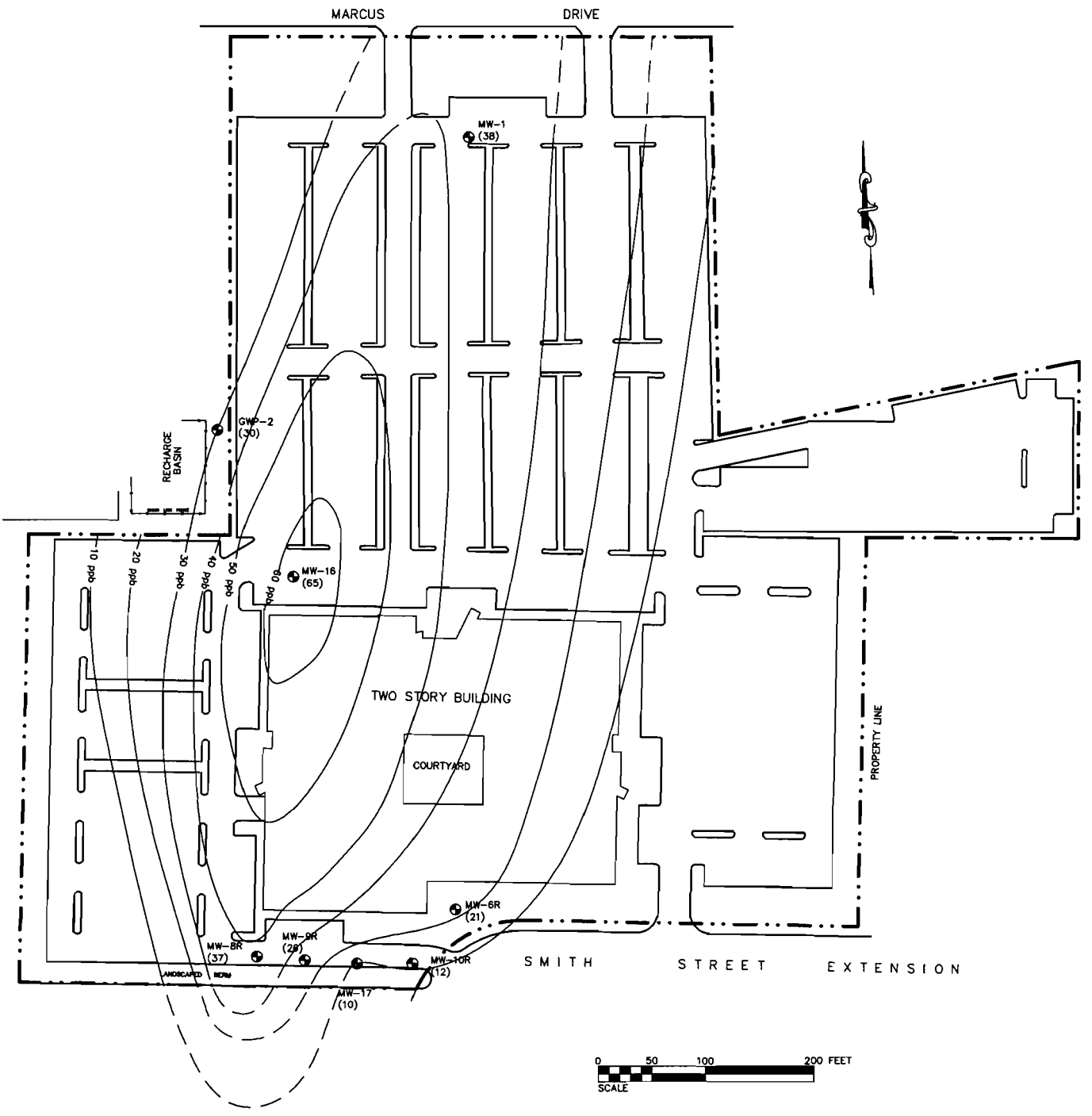
LEGEND

⊕ MW-1	MONITORING WELL LOCATION
(27)	PCE CONCENTRATION (IN PPB)

FIGURE 4: PCE CONCENTRATION ISOPLETH MAP

333 SMITH STREET FARMINGDALE, NEW YORK

BASE MAP SOURCE: SCHNEPF & MURRELL, P.C.



LEGEND

MW-1	MONITORING WELL LOCATION
(38)	VOC CONCENTRATION (IN PPB)

FIGURE 5: VOC CONCENTRATION ISOPLETH MAP

333 SMITH STREET FARMINGDALE, NEW YORK

BASE MAP SOURCE: SCHNEPF & MURRELL, P.C.

TABLE 1

MONITORING WELL CONSTRUCTION DETAILS AND GROUNDWATER ELEVATION DATA

333 SMITH STREET
FARMINGDALE, NEW YORK

Well No.	Well Diameter (in.)	Depth of Well From TOC (Ft.)	Screen Length (Ft.)	DTW From TOC (Ft.)*	Ground Surface Elevation (Ft.)	TOC Elevation (Ft.)	Groundwater Elevation (Ft.)
GWP-2	4	55.0	unknown	47.75	98.18	101.79	54.04
MW-1	2	49.0	unknown	44.00	99.15	98.36	54.36
MW-6R	2	52.0	15	45.75	99.54	99.07	53.32
MW-8R	2	54.0	20	44.90	98.51	98.22	53.32
MW-9R	2	51.0	10	45.00	98.81	98.40	53.40
MW-10R	2	50.0	10	44.00	97.84	97.26	53.26
MW-16	2	60.0	5	45.00	99.05	98.80	53.80
MW-17	2	54.0	20	45.50	99.00	98.63	53.13

* Depth to Water measurements collected on 8-13-02.
Elevations surveyed relative to an on-site benchmark arbitrarily set at 100 feet by H2M personnel on 6-5-02.

DTW = Depth to Water
TOC = Top of PVC Casing

T:\2002jobs\rksn0202\2002q3\GW Elevation Measurements.xls

TABLE 2

SUMMARY OF SECOND ROUND GROUNDWATER MONITORING EVENT ANALYTICAL RESULTS

333 SMITH STREET
FARMINGDALE, NEW YORK
Collected on August 13, 2002

Analytical Parameters (ppb)	NYSDEC Water Quality Standards	MW-6R	MW-10R	MW-17	MW-9R	MW-8R	MW-16	GWP-2	MW-1
VOCs (ppb) - EPA method 624									
MTBE	5.0	<5	<5	<5	<5	<5	<5	<5	<5
Benzene	0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane	5.0	<5	<5	<5	<5	<5	<5	<5	<5
Bromoform	5.0	<5	<5	<5	<5	<5	<5	<5	<5
Bromomethane	5.0	<5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	5.0	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	5.0	<5	<5	<5	<5	<5	<5	<5	<5
Chloroethane	5.0	<5	<5	<5	<5	<5	<5	<5	<5
2-Chloroethylvinyl Ether	5.0	<5	<5	<5	<5	<5	<5	<5	<5
Chloromethane	5.0	<5	<5	<5	<5	<5	<5	<5	<5
Dibromochloromethane	5.0	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichlorobenzene	4.7	<5	<5	<5	<5	<5	<5	<5	<5
1,3-Dichlorobenzene	5.0	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	4.7	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	5.0	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	5.0	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	5.0	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,2-Dichloroethene	5.0	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloropropane	5.0	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	5.0	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	5.0	<5	<5	<5	<5	<5	<5	<5	<5
Ethyl Benzene	5.0	<5	<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	5.0	<5	<5	<5	<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	5.0	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	5.0	**15**	**12**	**10**	**19**	**28**	**48**	**21**	**27**
Toluene	5.0	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-Trichloroethane	5.0	<5	<5	<5	<5	<5	<5	<5	<5
1,1,2-Trichloroethane	5.0	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	5.0	**6**	<5	<5	**7**	**9**	**17**	**9**	**11**
Trichlorofluoromethane	5.0	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	2.0	<5	<5	<5	<5	<5	<5	<5	<5
p & m - Xylenes	5.0	<10	<10	<10	<10	<10	<10	<10	<10
o - Xylene	5.0	<5	<5	<5	<5	<5	<5	<5	<5
Total VOCs	--	21	12	10	26	37	65	30	38

NOTES:

Bold values represent values that exceed the NYSDEC Guidance Values.

Samples submitted for analysis to Long Island Analytical Laboratories, of Holbrook, NY

MTBE	Methyl tertiary-butyl ether.
VOCs	Volatile organic compounds by EPA Method 624.
ppb	Parts per billion (µg/L).

TABLE 3

SUMMARY OF WELL SAMPLING PARAMATER LOGS
Collected August 13, 2002

333 SMITH STREET
FARMINGDALE, NEW YORK

Well	DO	Temperature	pH	Specific Conductivity	Turbidity
GWP-2	8.84	17.9	5.74	0.261	113.0
	6.05	16.0	5.00	0.244	99.4
	5.37	15.8	4.89	0.241	57.5
	5.34	15.8	4.88	0.240	22.8
	5.38	15.8	4.88	0.240	18.1
	5.31	15.8	4.86	0.239	16.9
	5.33	15.8	4.87	0.238	14.4
MW-1	8.27	18.7	5.18	0.231	447.0
	6.80	16.6	4.93	0.225	164.0
	6.08	16.4	4.88	0.222	124.0
	5.76	16.2	4.83	0.221	80.3
	5.64	16.2	4.81	0.220	49.9
	5.60	16.2	4.81	0.219	48.9
	5.59	16.1	4.80	0.220	48.1
MW-6R	8.41	24.9	8.18	0.000	57.8
	9.32	22.4	7.82	0.000	57.3
	9.69	21.4	7.51	0.000	57.0
	9.22	16.6	6.82	0.188	33.8
	7.88	16.4	6.59	0.186	23.7
	7.35	16.2	6.14	0.184	17.8
MW-8R	9.65	19.4	5.61	0.230	297.0
	8.09	16.9	5.04	0.226	213.0
	7.36	16.5	4.94	0.230	193.0
	6.91	16.4	4.88	0.233	115.0
	6.70	16.3	4.82	0.234	63.3
	6.63	16.3	4.78	0.234	48.2
	6.63	16.3	4.77	0.234	40.8
	6.61	16.3	4.77	0.234	40.7
MW-9R	7.12	18.7	5.21	0.242	450.0
	6.44	17.7	5.09	0.243	215.0
	6.05	17.3	5.05	0.242	84.6
	5.90	17.2	5.03	0.237	42.6
	5.78	17.0	5.02	0.235	22.9
	5.72	17.0	5.00	0.234	15.4
	5.69	17.0	5.00	0.234	14.1
MW-10R	9.24	20.0	6.09	0.246	411.0
	7.83	16.9	5.72	0.232	110.0
	7.60	16.4	5.48	0.215	57.2
	7.45	16.2	5.35	0.209	21.7
	7.42	16.2	5.32	0.209	18.0
	7.44	16.3	5.30	0.208	17.0
MW-16	4.82	19.3	6.02	0.252	124.0
	0.83	16.2	5.87	0.262	120.0
	0.95	16.1	5.80	0.257	58.3
	1.30	16.0	5.59	0.254	37.7
	1.34	15.9	5.51	0.253	30.9
	1.37	15.9	5.48	0.253	28.4
	1.39	15.9	5.47	0.253	25.6
MW-17	9.23	18.9	5.87	0.203	127.0
	7.48	17.0	5.18	0.198	131.0
	6.67	16.6	4.95	0.180	97.3
	6.55	16.6	4.93	0.176	67.6
	6.51	16.6	4.90	0.172	53.8
	6.56	16.5	4.89	0.170	41.6
	6.53	16.5	4.88	0.168	33.0
	6.52	16.4	4.86	0.165	25.2

NOTES.
All additional groundwater parameteres were field analyzed using a Horiba U-22 water quality meter.
Groundwater was purged a minimum of three well volumes and until turbidity measurements were less than 50 NTUs.

DO	Dissolved oxygen measured ing grams per liter (g/L)
Temperature	Temperature measured in degrees Celsius.
Specific Conductivity	Specific Conductivity measured in micro-Siemens (µS)
Turbidity	Turbidity measured in Nephelometric Turbidity Units (NTUs).

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
101-4 Colin Drive • Holbrook, New York 11741 • Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS	CONTACT: Manfred Bohm	SAMPLER (SIGNATURE)	DATE	TIME	SAMPLE(S) SEALED
H2M Group	PHONE: (631)756-8000	R. Wenskus	8/13/02	15:15	YES / NO
	FAX:	SAMPLER NAME (PRINT): Rocky Wenskus			CORRECT CONTAINER(S) YES / NO

PROJECT LOCATION: Rocksan - 333 Smith St. RKSN02/2 T2

TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month.

LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	PRES.	SAMPLE # - LOCATION	TIME	MM	ANALYSIS REQUIRED: VOCs 624	# OF CONTAINERS
1. OJJ646	GW	G	ICE	MW-6R	7:55	8/13/02		
2. OJJ647	GW	G	ICE	MW-10R	10:10	"		
3. OJJ648	GW	G	ICE	MW-17	10:40	"		
4. OJJ649	GW	G	ICE	MW-9R	11:05	"		
5. OJJ650	GW	G	ICE	MW-8R	11:45	"		
6. OJJ651	GW	G	ICE	MW-16	13:15	"		
7. OJJ652	GW	G	ICE	GWP-2	13:40	"		
8. OJJ653	GW	G	ICE	MW-1	14:10	"		
9.								
10.								
11.								
12.								
13.								
14.								

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A=AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON **PRES** ICE, HCL, H_2SO_4, NAOH

TURNAROUND REQUIRED: NORMAL ☑ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE 8/13/02 TIME 15:20	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE 8/13 TIME 315	PRINTED NAME
R. Wenskus		Rocky Wenskus	K Clark		K. Clark
RELINQUISHED BY (SIGNATURE)	DATE TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE TIME	PRINTED NAME

LONG
ISLAND
ANALYTICAL
LABORATORIES INC.

"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284

August 19, 2002

Manfred Bohm
H2M Group
575 Broadhollow Road
Melville, New York 11748

Re: Reckson – 333 Smith St.

Dear Mr. Bohm:

Enclosed please find the Laboratory Analysis Report(s) for sample(s) received on August 13, 2002. Long Island Analytical Laboratories, Inc. analyzed the samples on August 15, 2002 for the following:

CLIENT ID	ANALYSIS
MW-6R	EPA 624
MW-10R	EPA 624
MW-17	EPA 624
MW-9R	EPA 624
MW-8R	EPA 624
ME-16	EPA 624
GWP-2	EPA 624
MW-1	EPA 624

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.

101-4 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: H2M Group	Client ID: Reckson – 333 Smith St MW-6R
Date received: 08/13/02	Laboratory ID: 0222646
Date extracted: 08/15/02	Matrix: Liquid
Date analyzed: 08/15/02	ELAP #: 11693

EPA METHOD 624

Parameter	CAS No.	Results ug/L
MTBE	1634-04-4	<5
BENZENE	71-43-2	<0.7
BROMODICHLOROMETHANE	75-27-4	<5
BROMOFORM	75-25-2	<5
BROMOMETHANE	74-83-9	<5
CARBON TETRACHLORIDE	56-23-5	<5
CHLOROBENZENE	108-90-7	<5
CHLOROETHANE	75-00-3	<5
2-CHLOROETHYLVINYL ETHER	110-75-8	<5
CHLOROFORM	67-66-3	<5
CHLOROMETHANE	74-87-3	<5
DIBROMOCHLOROMETHANE	124-48-1	<5
1,2-DICHLOROBENZENE	95-50-1	<5
1,3-DICHLOROBENZENE	541-73-1	<5
1,4-DICHLOROBENZENE	106-46-7	<5
1,1-DICHLOROETHANE	75-34-3	<5
1,2-DICHLOROETHANE	107-06-2	<5
1,1-DICHLOROETHENE	75-35-4	<5
trans-1,2-DICHLOROETHENE	156-60-5	<5
1,2-DICHLOROPROPANE	78-87-5	<5
cis-1,3-DICHLOROPROPENE	10061-01-5	<5
trans-1,3-DICHLOROPROPENE	10061-02-6	<5
ETHYL BENZENE	100-41-4	<5
METHYLENE CHLORIDE	75-09-2	<5
1,1,2,2,-TETRACHLOROETHANE	79-34-5	<5
TETRACHLOROETHENE	127-18-4	15
TOLUENE	108-88-3	<5
1,1,1-TRICHLOROETHANE	71-55-6	<5
1,1,2-TRICHLOROETHANE	79-00-5	<5
TRICHLOROETHENE	79-01-6	6
TRICHLOROFLUOROMETHANE	75-69-4	<5
VINYL CHLORIDE	75-01-4	<5
p & m -XYLENES	1330-20-7	<10
o-XYLENE	1330-20-7	<5

Michael Verrillo

Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
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Client: H2M Group	Client ID: Reckson – 333 Smith St MW-10R
Date received: 08/13/02	Laboratory ID: 0222647
Date extracted: 08/15/02	Matrix: Liquid
Date analyzed: 08/15/02	ELAP #: 11693

EPA METHOD 624

Parameter	CAS No.	Results ug/L
MTBE	1634-04-4	<5
BENZENE	71-43-2	<0.7
BROMODICHLOROMETHANE	75-27-4	<5
BROMOFORM	75-25-2	<5
BROMOMETHANE	74-83-9	<5
CARBON TETRACHLORIDE	56-23-5	<5
CHLOROBENZENE	108-90-7	<5
CHLOROETHANE	75-00-3	<5
2-CHLOROETHYLVINYL ETHER	110-75-8	<5
CHLOROFORM	67-66-3	<5
CHLOROMETHANE	74-87-3	<5
DIBROMOCHLOROMETHANE	124-48-1	<5
1,2-DICHLOROBENZENE	95-50-1	<5
1,3-DICHLOROBENZENE	541-73-1	<5
1,4-DICHLOROBENZENE	106-46-7	<5
1,1-DICHLOROETHANE	75-34-3	<5
1,2-DICHLOROETHANE	107-06-2	<5
1,1-DICHLOROETHENE	75-35-4	<5
trans-1,2-DICHLOROETHENE	156-60-5	<5
1,2-DICHLOROPROPANE	78-87-5	<5
cis-1,3-DICHLOROPROPENE	10061-01-5	<5
trans-1,3-DICHLOROPROPENE	10061-02-6	<5
ETHYL BENZENE	100-41-4	<5
METHYLENE CHLORIDE	75-09-2	<5
1,1,2,2,-TETRACHLOROETHANE	79-34-5	<5
TETRACHLOROETHENE	127-18-4	12
TOLUENE	108-88-3	<5
1,1,1-TRICHLOROETHANE	71-55-6	<5
1,1,2-TRICHLOROETHANE	79-00-5	<5
TRICHLOROETHENE	79-01-6	<5
TRICHLOROFLUOROMETHANE	75-69-4	<5
VINYL CHLORIDE	75-01-4	<5
p & m -XYLENES	1330-20-7	<10
o-XYLENE	1330-20-7	<5

Michael Verrillo

Laboratory Director

Client: H2M Group	Client ID: Reckson – 333 Smith St MW-17
Date received: 08/13/02	Laboratory ID: 0222648
Date extracted: 08/15/02	Matrix: Liquid
Date analyzed: 08/15/02	ELAP #: 11693

EPA METHOD 624

Parameter	CAS No.	Results ug/L
MTBE	1634-04-4	<5
BENZENE	71-43-2	<0.7
BROMODICHLOROMETHANE	75-27-4	<5
BROMOFORM	75-25-2	<5
BROMOMETHANE	74-83-9	<5
CARBON TETRACHLORIDE	56-23-5	<5
CHLOROBENZENE	108-90-7	<5
CHLOROETHANE	75-00-3	<5
2-CHLOROETHYLVINYL ETHER	110-75-8	<5
CHLOROFORM	67-66-3	<5
CHLOROMETHANE	74-87-3	<5
DIBROMOCHLOROMETHANE	124-48-1	<5
1,2-DICHLOROBENZENE	95-50-1	<5
1,3-DICHLOROBENZENE	541-73-1	<5
1,4-DICHLOROBENZENE	106-46-7	<5
1,1-DICHLOROETHANE	75-34-3	<5
1,2-DICHLOROETHANE	107-06-2	<5
1,1-DICHLOROETHENE	75-35-4	<5
trans-1,2-DICHLOROETHENE	156-60-5	<5
1,2-DICHLOROPROPANE	78-87-5	<5
cis-1,3-DICHLOROPROPENE	10061-01-5	<5
trans-1,3-DICHLOROPROPENE	10061-02-6	<5
ETHYL BENZENE	100-41-4	<5
METHYLENE CHLORIDE	75-09-2	<5
1,1,2,2,-TETRACHLOROETHANE	79-34-5	<5
TETRACHLOROETHENE	127-18-4	10
TOLUENE	108-88-3	<5
1,1,1-TRICHLOROETHANE	71-55-6	<5
1,1,2-TRICHLOROETHANE	79-00-5	<5
TRICHLOROETHENE	79-01-6	<5
TRICHLOROFLUOROMETHANE	75-69-4	<5
VINYL CHLORIDE	75-01-4	<5
p & m -XYLENES	1330-20-7	<10
o-XYLENE	1330-20-7	<5

Michael Verrillo

Laboratory Director

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Client: H2M Group	Client ID: Reckson – 333 Smith St MW-9R
Date received: 08/13/02	Laboratory ID: 0222649
Date extracted: 08/15/02	Matrix: Liquid
Date analyzed: 08/15/02	ELAP #: 11693

EPA METHOD 624

Parameter	CAS No.	Results ug/L
MTBE	1634-04-4	<5
BENZENE	71-43-2	<0.7
BROMODICHLOROMETHANE	75-27-4	<5
BROMOFORM	75-25-2	<5
BROMOMETHANE	74-83-9	<5
CARBON TETRACHLORIDE	56-23-5	<5
CHLOROBENZENE	108-90-7	<5
CHLOROETHANE	75-00-3	<5
2-CHLOROETHYLVINYL ETHER	110-75-8	<5
CHLOROFORM	67-66-3	<5
CHLOROMETHANE	74-87-3	<5
DIBROMOCHLOROMETHANE	124-48-1	<5
1,2-DICHLOROBENZENE	95-50-1	<5
1,3-DICHLOROBENZENE	541-73-1	<5
1,4-DICHLOROBENZENE	106-46-7	<5
1,1-DICHLOROETHANE	75-34-3	<5
1,2-DICHLOROETHANE	107-06-2	<5
1,1-DICHLOROETHENE	75-35-4	<5
trans-1,2-DICHLOROETHENE	156-60-5	<5
1,2-DICHLOROPROPANE	78-87-5	<5
cis-1,3-DICHLOROPROPENE	10061-01-5	<5
trans-1,3-DICHLOROPROPENE	10061-02-6	<5
ETHYL BENZENE	100-41-4	<5
METHYLENE CHLORIDE	75-09-2	<5
1,1,2,2,-TETRACHLOROETHANE	79-34-5	<5
TETRACHLOROETHENE	127-18-4	19
TOLUENE	108-88-3	<5
1,1,1-TRICHLOROETHANE	71-55-6	<5
1,1,2-TRICHLOROETHANE	79-00-5	<5
TRICHLOROETHENE	79-01-6	7
TRICHLOROFLUOROMETHANE	75-69-4	<5
VINYL CHLORIDE	75-01-4	<5
p & m -XYLENES	1330-20-7	<10
o-XYLENE	1330-20-7	<5

Michael Verrill

Laboratory Director

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Client: H2M Group	Client ID: Reckson – 333 Smith St MW-8R
Date received: 08/13/02	Laboratory ID: 0222650
Date extracted: 08/15/02	Matrix: Liquid
Date analyzed: 08/15/02	ELAP #: 11693

EPA METHOD 624

Parameter	CAS No.	Results ug/L
MTBE	1634-04-4	<5
BENZENE	71-43-2	<0.7
BROMODICHLOROMETHANE	75-27-4	<5
BROMOFORM	75-25-2	<5
BROMOMETHANE	74-83-9	<5
CARBON TETRACHLORIDE	56-23-5	<5
CHLOROBENZENE	108-90-7	<5
CHLOROETHANE	75-00-3	<5
2-CHLOROETHYLVINYL ETHER	110-75-8	<5
CHLOROFORM	67-66-3	<5
CHLOROMETHANE	74-87-3	<5
DIBROMOCHLOROMETHANE	124-48-1	<5
1,2-DICHLOROBENZENE	95-50-1	<5
1,3-DICHLOROBENZENE	541-73-1	<5
1,4-DICHLOROBENZENE	106-46-7	<5
1,1-DICHLOROETHANE	75-34-3	<5
1,2-DICHLOROETHANE	107-06-2	<5
1,1-DICHLOROETHENE	75-35-4	<5
trans-1,2-DICHLOROETHENE	156-60-5	<5
1,2-DICHLOROPROPANE	78-87-5	<5
cis-1,3-DICHLOROPROPENE	10061-01-5	<5
trans-1,3-DICHLOROPROPENE	10061-02-6	<5
ETHYL BENZENE	100-41-4	<5
METHYLENE CHLORIDE	75-09-2	<5
1,1,2,2,-TETRACHLOROETHANE	79-34-5	<5
TETRACHLOROETHENE	127-18-4	28
TOLUENE	108-88-3	<5
1,1,1-TRICHLOROETHANE	71-55-6	<5
1,1,2-TRICHLOROETHANE	79-00-5	<5
TRICHLOROETHENE	79-01-6	9
TRICHLOROFLUOROMETHANE	75-69-4	<5
VINYL CHLORIDE	75-01-4	<5
p & m -XYLENES	1330-20-7	<10
o-XYLENE	1330-20-7	<5

Michael Verrillo

Laboratory Director

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Client: H2M Group	Client ID: Reckson – 333 Smith St MW-16
Date received: 08/13/02	Laboratory ID: 0222651
Date extracted: 08/15/02	Matrix: Liquid
Date analyzed: 08/15/02	ELAP #: 11693

EPA METHOD 624

Parameter	CAS No.	Results ug/L
MTBE	1634-04-4	<5
BENZENE	71-43-2	<0.7
BROMODICHLOROMETHANE	75-27-4	<5
BROMOFORM	75-25-2	<5
BROMOMETHANE	74-83-9	<5
CARBON TETRACHLORIDE	56-23-5	<5
CHLOROBENZENE	108-90-7	<5
CHLOROETHANE	75-00-3	<5
2-CHLOROETHYLVINYL ETHER	110-75-8	<5
CHLOROFORM	67-66-3	<5
CHLOROMETHANE	74-87-3	<5
DIBROMOCHLOROMETHANE	124-48-1	<5
1,2-DICHLOROBENZENE	95-50-1	<5
1,3-DICHLOROBENZENE	541-73-1	<5
1,4-DICHLOROBENZENE	106-46-7	<5
1,1-DICHLOROETHANE	75-34-3	<5
1,2-DICHLOROETHANE	107-06-2	<5
1,1-DICHLOROETHENE	75-35-4	<5
trans-1,2-DICHLOROETHENE	156-60-5	<5
1,2-DICHLOROPROPANE	78-87-5	<5
cis-1,3-DICHLOROPROPENE	10061-01-5	<5
trans-1,3-DICHLOROPROPENE	10061-02-6	<5
ETHYL BENZENE	100-41-4	<5
METHYLENE CHLORIDE	75-09-2	<5
1,1,2,2,-TETRACHLOROETHANE	79-34-5	<5
TETRACHLOROETHENE	127-18-4	48
TOLUENE	108-88-3	<5
1,1,1-TRICHLOROETHANE	71-55-6	<5
1,1,2-TRICHLOROETHANE	79-00-5	<5
TRICHLOROETHENE	79-01-6	17
TRICHLOROFLUOROMETHANE	75-69-4	<5
VINYL CHLORIDE	75-01-4	<5
p & m -XYLENES	1330-20-7	<10
o-XYLENE	1330-20-7	<5

Michael Verrillo

Laboratory Director

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Client: H2M Group	Client ID: Reckson – 333 Smith St GWP-2
Date received: 08/13/02	Laboratory ID: 0222652
Date extracted: 08/15/02	Matrix: Liquid
Date analyzed: 08/15/02	ELAP #: 11693

EPA METHOD 624

Parameter	CAS No.	Results ug/L
MTBE	1634-04-4	<5
BENZENE	71-43-2	<0.7
BROMODICHLOROMETHANE	75-27-4	<5
BROMOFORM	75-25-2	<5
BROMOMETHANE	74-83-9	<5
CARBON TETRACHLORIDE	56-23-5	<5
CHLOROBENZENE	108-90-7	<5
CHLOROETHANE	75-00-3	<5
2-CHLOROETHYLVINYL ETHER	110-75-8	<5
CHLOROFORM	67-66-3	<5
CHLOROMETHANE	74-87-3	<5
DIBROMOCHLOROMETHANE	124-48-1	<5
1,2-DICHLOROBENZENE	95-50-1	<5
1,3-DICHLOROBENZENE	541-73-1	<5
1,4-DICHLOROBENZENE	106-46-7	<5
1,1-DICHLOROETHANE	75-34-3	<5
1,2-DICHLOROETHANE	107-06-2	<5
1,1-DICHLOROETHENE	75-35-4	<5
trans-1,2-DICHLOROETHENE	156-60-5	<5
1,2-DICHLOROPROPANE	78-87-5	<5
cis-1,3-DICHLOROPROPENE	10061-01-5	<5
trans-1,3-DICHLOROPROPENE	10061-02-6	<5
ETHYL BENZENE	100-41-4	<5
METHYLENE CHLORIDE	75-09-2	<5
1,1,2,2,-TETRACHLOROETHANE	79-34-5	<5
TETRACHLOROETHENE	127-18-4	21
TOLUENE	108-88-3	<5
1,1,1-TRICHLOROETHANE	71-55-6	<5
1,1,2-TRICHLOROETHANE	79-00-5	<5
TRICHLOROETHENE	79-01-6	9
TRICHLOROFLUOROMETHANE	75-69-4	<5
VINYL CHLORIDE	75-01-4	<5
p & m -XYLENES	1330-20-7	<10
o-XYLENE	1330-20-7	<5

Michael Vendola
Laboratory Director

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Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: H2M Group	Client ID: Reckson – 333 Smith St MW-1
Date received: 08/13/02	Laboratory ID: 0222653
Date extracted: 08/15/02	Matrix: Liquid
Date analyzed: 08/15/02	ELAP #: 11693

EPA METHOD 624

Parameter	CAS No.	Results ug/L
MTBE	1634-04-4	<5
BENZENE	71-43-2	<0.7
BROMODICHLOROMETHANE	75-27-4	<5
BROMOFORM	75-25-2	<5
BROMOMETHANE	74-83-9	<5
CARBON TETRACHLORIDE	56-23-5	<5
CHLOROBENZENE	108-90-7	<5
CHLOROETHANE	75-00-3	<5
2-CHLOROETHYLVINYL ETHER	110-75-8	<5
CHLOROFORM	67-66-3	<5
CHLOROMETHANE	74-87-3	<5
DIBROMOCHLOROMETHANE	124-48-1	<5
1,2-DICHLOROBENZENE	95-50-1	<5
1,3-DICHLOROBENZENE	541-73-1	<5
1,4-DICHLOROBENZENE	106-46-7	<5
1,1-DICHLOROETHANE	75-34-3	<5
1,2-DICHLOROETHANE	107-06-2	<5
1,1-DICHLOROETHENE	75-35-4	<5
trans-1,2-DICHLOROETHENE	156-60-5	<5
1,2-DICHLOROPROPANE	78-87-5	<5
cis-1,3-DICHLOROPROPENE	10061-01-5	<5
trans-1,3-DICHLOROPROPENE	10061-02-6	<5
ETHYL BENZENE	100-41-4	<5
METHYLENE CHLORIDE	75-09-2	<5
1,1,2,2,-TETRACHLOROETHANE	79-34-5	<5
TETRACHLOROETHENE	127-18-4	27
TOLUENE	108-88-3	<5
1,1,1-TRICHLOROETHANE	71-55-6	<5
1,1,2-TRICHLOROETHANE	79-00-5	<5
TRICHLOROETHENE	79-01-6	11
TRICHLOROFLUOROMETHANE	75-69-4	<5
VINYL CHLORIDE	75-01-4	<5
p & m -XYLENES	1330-20-7	<10
o-XYLENE	1330-20-7	<5

Michael Verrillo

Laboratory Director

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