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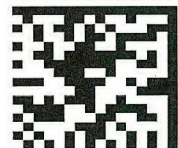
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EIKON PLANNING AND DESIGN CORP.

ENVIRONMENTAL CONSULTING • LAND DEVELOPMENT

P.O. BOX 469 • 221 HIGH STREET • HACKETTSTOWN, NEW JERSEY 07840

PHONE (908) 813-2323

FAX (908) 813-8360

130075

June 23, 1994

VIA HAND DELIVERY

Mr. Jamie Ascher
New York State Department of
Environmental Conservation
Building 40
State University of New York
Stony Brook, New York 11790-2356



**RE: DATA/INFORMATION PACKAGE
COMM 100 ASSOCIATES
100 COMMERCIAL STREET
PLAINVIEW, NASSAU COUNTY, NEW YORK**

Dear Jamie:

Attached please find information pertaining to environmental investigatory activities undertaken at the above referenced site. Said data shall be incorporated as attachments into the findings report to be submitted to the NYSDEC under separate cover.

If you have any questions or comments, or require additional information, please do not hesitate to call.

Very truly yours,

EIKON PLANNING AND DESIGN CORP.

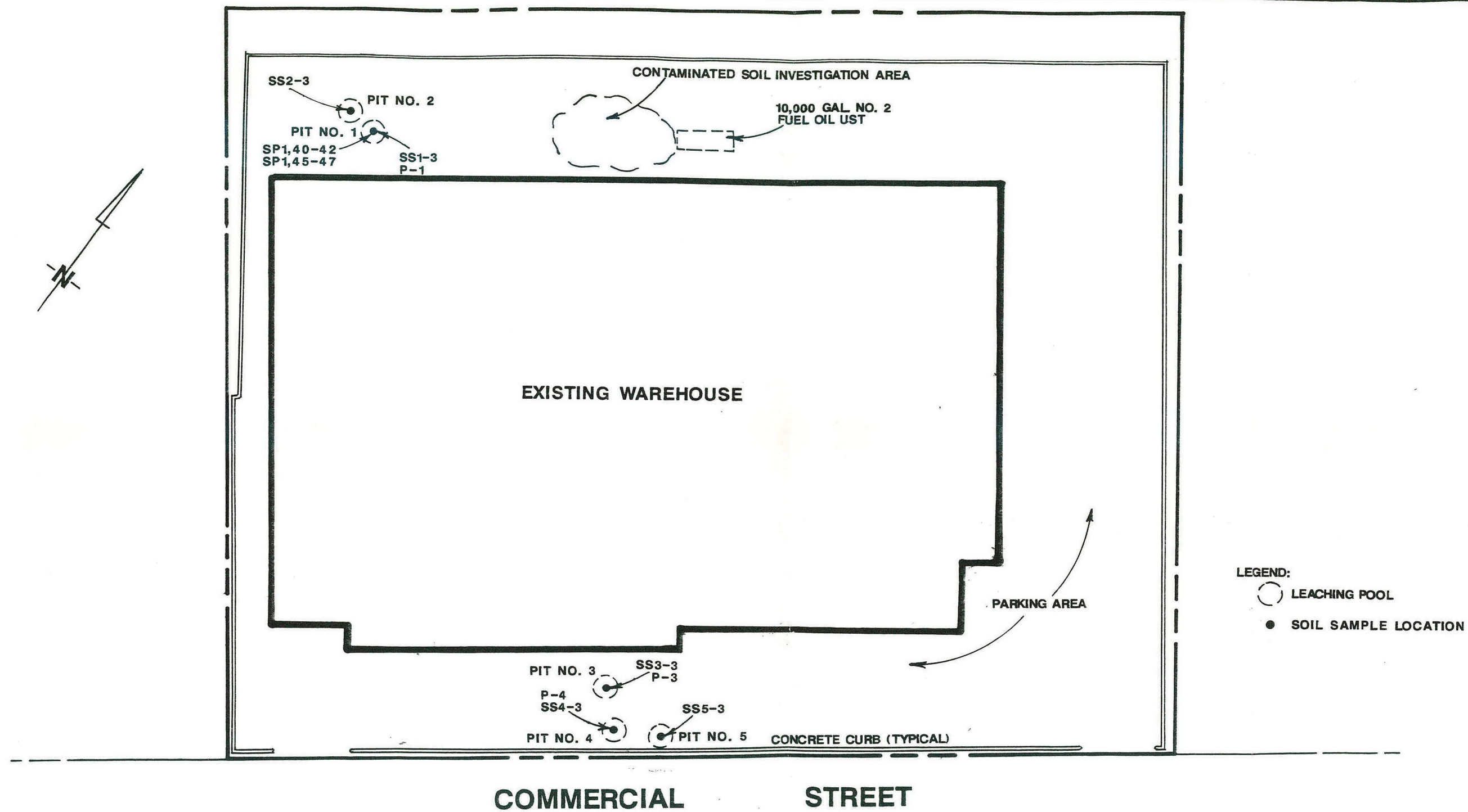
Andreas W. Eisenberger

Attachment

cc: Robin S. Weinstein, Esq.
(without attachment)

Paul D. Cassowitz, Esq.
(without attachment)

FL #526.694



NOTES:

1. LOCATIONS APPROXIMATE FOR ILLUSTRATIVE PURPOSES ONLY.
2. REFERENCED FROM A SURVEY DATED JUNE 22, 1966 PREPARED BY LEWIS N. WATERS, L.S.

COLLECTION PIT SAMPLE LOCATION MAP
SECTION 13, BLOCK 98, LOT 5
 100 COMMERCIAL STREET
 TOWN OF PLAINVIEW, NASSAU COUNTY, NEW YORK

EIKON PLANNING AND DESIGN CORP.
 ENVIRONMENTAL CONSULTING - LAND DEVELOPMENT
 P.O. BOX 469 - 221 HIGH STREET
 HACKETTSTOWN, NEW JERSEY 07840

PROJ. NO.	880789	DATE	6-21-94	SCALE	1"=50'
FIELD BOOK	--	PAGE NO.	--	DRAWN BY	ACD
				CHECKED BY	AWE

FIGURE 2

TABLE 1
SUMMARY OF ANALYTICAL DATA, 10,000 GALLON FUEL OIL UST SOIL BORING INVESTIGATION, 8-7-89

Sample Id.	SB1 (ppm)	SB2 (ppm)	SB3 (ppm)	SB4 (ppm)	NYSDEC RSCO (ppm)
Compound:					
naphthalene	0.006J	0.009	ND	0.006J	13.0
acenaphthene	0.034J	ND	ND	0.025J	50.0
fluorene	0.025J	ND	ND	0.008J	50.0
phenanthrene	0.4	ND	ND	0.110J	50.0
anthracene	0.068J	ND	ND	0.027J	50.0
fluoranthene	1.0	0.012J	0.014J	0.47	50.0
pyrene	0.96	0.011J	0.011J	0.42	50.0
chrysene	0.88	ND	ND	0.43	0.4
benzo (a) anthracene	0.67	ND	ND	0.35J	0.22 or MDL (0.33)
di-n-octylphthalate	ND	ND	ND	0.003J	50.0
benzo (b) fluoranthene	0.76	ND	ND	0.33J	1.1
benzo (k) fluoranthene	0.11J	ND	ND	0.069J	1.1
benzo (a) pyrene	0.85	ND	ND	0.39J	0.061 or MDL (0.33)
benzo (g,h,i) perylene	0.52	ND	ND	0.082J	50.0
dibenzo (a,h) anthracene	0.14J	ND	ND	0.037J	0.014 or MDL (0.33)
indeno (1,2,3-cd) pyrene	0.44	ND	ND	0.19J	3.2
Total PHC	27.1	42.7	33.4	ND	NA

Notes:

1. Compounds identified in method blank not included in Table.
2. J - Estimated concentration below minimum method detection limit (MDL) reported by the analytical laboratory.
3. ND - Not detected above minimum MDL.
4. PHC - Petroleum Hydrocarbon Compounds.
5. NA - Information not available.
6. RSCO - NYSDEC Recommended Soil Cleanup Objectives.

TABLE 2
SUMMARY OF ANALYTICAL DATA
SOIL BORING SAMPLING ACTIVITIES - 3-1-93 AND 3-2-93
VOLATILE ORGANIC COMPOUNDS

Sample Id.	SB1-3 (ppm)	SB2-3 (ppm)	SB3-3 (ppm)	SB4-3 (ppm)	NYSDEC RSCO (ppm)
Compound:					
acetone	0.012	0.105	ND	ND	0.2
methylene chloride	0.002J	ND	ND	ND	0.1
toluene	ND	0.491	2.193	0.007	1.5
ethylbenzene	ND	ND	11.296	ND	5.5
m,p-xylenes	ND	0.009J	106.97	ND	1.2 (Total)
o-xylenes	ND	ND	20.94	ND	
Total TIC	ND	0.034	142.509	ND	NA

Notes:

1. ND - Not detected above minimum method detection limits (MDL).
2. J - Results detected below minimum MDL.
3. TIC - Tentatively identified compounds.
4. NA - Information not available.
5. RSCO - NYSDEC Recommended Soil Cleanup Objectives.

TABLE 3
SUMMARY OF ANALYTICAL DATA, 4-7-93
OFFSITE GROUNDWATER MONITORING WELL
(VEECO INSTRUMENTS, INC. MW7)

Sample Id.	MW3-1 (ppb)	NYSDEC RGCO (ppb)
Compound:		
1,1,1-trichloroethane	3.0J	5.0
trichloroethene	2.0J	5.0
tetrachloroethene	4.0J	5.0
VOC TIC	8.0	NA
Total PHC	740.0	NA

Notes:

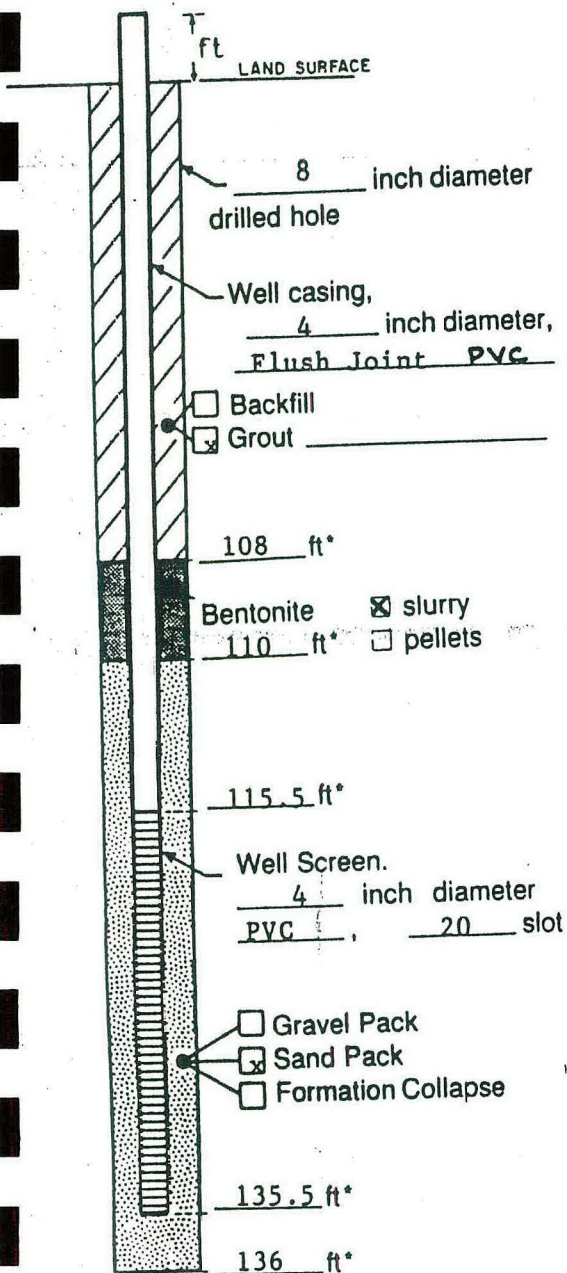
1. J - Estimated concentration below minimum MDL.
2. VOC TIC - Volatile organic compounds tentatively identified compounds (total).
3. PHC - Petroleum hydrocarbon compounds.
4. NA - Information not available.
5. RGCO - NYSDEC Recommended Groundwater Cleanup Objectives.

EXHIBIT 1 - VEECO INSTRUMENTS, INC. NYSDEC FILE INFORMATION

The following information, obtained during the October 14, 1993 and October 19, 1993 NYSDEC file reviews, is included herein in order to provide information documenting the condition of groundwater in the vicinity of the Comm 100 Associates facility.

WELL CONSTRUCTION LOG

(UNCONSOLIDATED)



Measuring Point is
Top of Well Casing
Unless Otherwise Noted.

*Depth Below Land Surface

Project NY36101 Well MW-7

Town/City Plainview

County Nassau State New York

Permit No. _____

Land-Surface Elevation
and Datum 233.5 feet ☐ Surveyed
☒ Estimated

Installation Date(s) 10-11-89

Drilling Method Mud Rotary

Drilling Contractor Environmental Drilling Inc.

Drilling Fluid Revert Slurry

Development Technique(s) and Date(s)
Submersible pump October 12, 13, 1989

Fluid Loss During Drilling _____ gallons

Water Removed During Development approx. 1200 gallons

Static Depth to Water 105 feet below M.P.

Pumping Depth to Water 130 feet below M.P.

Pumping Duration ~ 5 hours

Yield 7-8 gpm Date 10-13-89

Specific Capacity _____ gpm/ft

Well Purpose Monitoring

Remarks Finished with flush mounted curb box and locking cap (Master #2402)

Prepared by R. Eby

TABLE 4-1: CONCENTRATIONS OF VOLATILE ORGANIC COMPOUNDS DETECTED AT VEECO INSTRUMENTS INC.
PLAINVIEW, NEW YORK

Well No.	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2
Sample Date	30-May-89	4-Aug-89	17-Mar-92	26-Jan-93	28-Apr-93	4-Aug-89	30-May-90	4-Feb-92	11-Feb-92
Compound:									
1, 1 Dichloroethene (ug/L)	<1	<2	<1	<1	<1	<2	<2	<1	<1
1, 1 Dichloroethane (ug/L)	<1	<2	<1	<1	<1	<2	<2	<1	<1
1, 2 Dichloroethene (ug/L)	<1	<2	<1	<1	<1	<2	<1	<1	<1
1, 2 Dichloroethane (ug/L)	<1	<2	<1	<1	<1	<2	<1	<1	<1
111 Trichloroethane (ug/L)	<1	2	<1	<1	<1	4	5	3	2
Trichloroethylene (ug/L)	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene(ug/L)	<1	4	<1	1	1	8	10	9	7
Benzene (ug/L)	NA	NA	<1	<1	NA	NA	NA	<1	<1
Toluene (ug/L)	NA	NA	<2	<2	NA	NA	NA	<2	<2
Ethyl Benzene (ug/L)	NA	NA	<1	<1	NA	NA	NA	<1	<1
Total Xylenes (ug/L)	NA	NA	<4	<4	NA	NA	NA	<4	<4
Freon 113 (ug/L)	NA	NA	<1	NA	NA	NA	NA	NA	NA
Total VOCs	0	6	0	1	1	12	15	12	9

NA Sample was not analyzed for that compound

* Both sample vials were analyzed giving different results for these compounds

Rep Replicate sample

Data prior to 25 January were recorded by Geraghty Miller, Inc.

VEECOLAB.XLS

TABLE 4-1: CONCENTRATIONS OF VOLATILE ORGANIC COMPOUNDS DETECTED AT VEECO INSTRUMENTS INC.
PLAINVIEW, NEW YORK

Well No. Sample Date	MW-2 18-Feb-92	MW-2 25-Feb-92	MW-2 17-Mar-92	MW-2 25-Jan-93	MW-2 28-Apr-93	MW-3 4-Aug-89	MW-3 Rep 4-Aug-89	MW-3 31-May-90	MW-3 4-Feb-92
Compound:									
1, 1 Dichloroethene (ug/L)	<1	<1	<1	<1	<1	<40	<40	13	5
1, 1 Dichloroethane (ug/L)	<1	<1	<1	<1	<1	40	40	24	8
1, 2 Dichloroethene (ug/L)	<1	<1	<1	<1	<1	82	64	42	11
1, 2 Dichloroethane (ug/L)	<1	<1	<1	<1	<1	<40	<40	<1	<1
111 Trichloroethane (ug/L)	7	2	2	4	6	500	450	320	120
Trichloroethylene (ug/L)	<1	<1	<1	<1	<1	38	28	20	9
Tetrachloroethene(ug/L)	28	7	9	22	48	6300	5600	3500	1400
Benzene (ug/L)	NA	NA	<1	<1	NA	NA	NA	NA	<1
Toluene (ug/L)	NA	NA	<2	18	NA	NA	NA	NA	<2
Ethyl Benzene (ug/L)	NA	NA	<1	4	NA	NA	NA	NA	<1
Total Xylenes (ug/L)	NA	NA	<4	14	NA	NA	NA	NA	<4
Freon 113 (ug/L)	7	2	8	NA	NA	NA	NA	NA	NA
Total VOCs	42	11	19	62	54	6960	6182	3919	1553

NA Sample was not analyzed for that compound

* Both sample vials were analyzed giving different results for these compounds

Rep Replicate sample

Data prior to 25 January were recorded by Geraghty Miller, Inc.

VEECOLAB.XLS

TABLE 4-1: CONCENTRATIONS OF VOLATILE ORGANIC COMPOUNDS DETECTED AT VEECO INSTRUMENTS INC.
PLAINVIEW, NEW YORK

Well No.	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3A	MW-3A	MW-3A
Sample Date	11-Feb-92	18-Feb-92	25-Feb-92	17-Mar-92	26-Jan-93	29-Apr-93	4-Aug-89	31-May-90	17-Mar-92
Compound:									
1, 1 Dichloroethene (ug/L)	5	8	4	7	1	<1	<2	<1	<1
1, 1 Dichloroethane (ug/L)	5	8	4	8	2	<1	<2	<1	<1
1, 2 Dichloroethene (ug/L)	6	10	4	9	10	3	<2	<1	<1
1, 2 Dichloroethane (ug/L)	<2	<1	<1	<2	<1	<1	<2	<1	<1
111 Trichloroethane (ug/L)	110	160	120	140	29	34	<1	<1	<1
Trichloroethylene (ug/L)	5	9	6	9	5	2	13	7	10
Tetrachloroethene(ug/L)	1300	1400	1200	1200	290	150	<1	<1	<1
Benzene (ug/L)	<2	NA	NA	<2	1	NA	NA	NA	<1
Toluene (ug/L)	<4	NA	NA	<4	5	NA	NA	NA	<2
Ethyl Benzene (ug/L)	<2	NA	NA	<2	<1	NA	NA	NA	<1
Total Xylenes (ug/L)	<8	NA	NA	<8	<4	NA	NA	NA	<4
Freon 113 (ug/L)	NA	39	31	38	NA	NA	NA	NA	<1
Total VOCs	1431	1634	1369	1411	343	189	13	7	10

NA Sample was not analyzed for that compound

* Both sample vials were analyzed giving different results for these compounds

Rep Replicate sample

Data prior to 25 January were recorded by Geraghty Miller, Inc.

VEECOLAB.XLS

TABLE 4-1: CONCENTRATIONS OF VOLATILE ORGANIC COMPOUNDS DETECTED AT VEECO INSTRUMENTS INC.
PLAINVIEW, NEW YORK

Well No.	MW-3A	MW-3A	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4A	MW-4A
Sample Date	26-Jan-93	28-Apr-93	7-Aug-89	30-May-90	17-Mar-92	25-Jan-93	28-Apr-93	7-Aug-89	30-May-90
Compound:									
1, 1 Dichloroethene (ug/L)	<1	<1	<2	<1	<1	<1	<1	<2	<1
1, 1 Dichloroethane (ug/L)	<1	<1	<2	<1	<1	<1	<1	<2	<1
1, 2 Dichloroethene (ug/L)	<1	<1	2	3	<1	<1	1	4	6
1, 2 Dichloroethane (ug/L)	<1	<1	<2	<1	<1	<1	<1	<2	<1
111 Trichloroethane (ug/L)	<1	<1	10	9	<1	<1	1	12	16
Trichloroethylene (ug/L)	2	2	20	45	<1	<1	<1	44	60
Tetrachloroethene(ug/L)	<1	<1	63	19	12	12	27	35	4
Benzene (ug/L)	<1	NA	NA	<1	<1	<1	NA	NA	<1
Toluene (ug/L)	<2	NA	NA	<1	<2	2	NA	NA	<1
Ethyl Benzene (ug/L)	<1	NA	NA	<1	<1	<1	NA	NA	<1
Total Xylenes (ug/L)	<4	NA	NA	<4	<4	<4	NA	NA	<4
Freon 113 (ug/L)	NA	NA	NA	NA	3	NA	NA	NA	NA
Total VOCs	2	2	95	76	15	14	29	95	86

NA Sample was not analyzed for that compound

* Both sample vials were analyzed giving different results for these compounds

Rep Replicate sample

Data prior to 25 January were recorded by Geraghty Miller, Inc.

VEECOLAB.XLS

TABLE 4-1: CONCENTRATIONS OF VOLATILE ORGANIC COMPOUNDS IN WATER SAMPLES FROM MONITORING POINTS IN PLAINVIEW, NEW YORK

Well No.	MW-4A	MW-4A	MW-4A	MW-5	MW-6	MW-6	MW-7	MW-7	MW-7
Sample Date	17-Mar-92	26-Jan-93	29-Apr-93	17-Mar-92	17-Mar-92	26-Jan-93	17-Oct-89	30-May-90	17-Mar-92
Compound:									
1, 1 Dichloroethene (ug/L)	<1	<1	<1	<1	2	<1	<2	<1	<1
1, 1 Dichloroethane (ug/L)	<1	<1	<1	<1	2	<1	<2	2	<1
1, 2 Dichloroethene (ug/L)	1	<1	<1	<1	2	<1	<2	3	<1
1, 2 Dichloroethane (ug/L)	<1	<1	<1	<1	<1	<1	<2	<1	<1
111 Trichloroethane (ug/L)	3	2	<1	3	21	3	5	19	3
Trichloroethylene (ug/L)	3	2	<1	3	35	4	<1	6	1
Tetrachloroethene(ug/L)	45	20	8	26	15	2	<1	35	3
Benzene (ug/L)	<1	1	NA	<1	<1	7 or 17*	<1	<1	<1
Toluene (ug/L)	<2	4	NA	<2	<2	<2 or 31*	<2	<1	<2
Ethyl Benzene (ug/L)	<1	<1	NA	<1	<1	<1 or 3*	<1	<1	<1
Total Xylenes (ug/L)	<4	<4	NA	<4	<4	12	<4	<4	<4
Freon 113 (ug/L)	5	NA	NA	2	4	NA	NA	NA	<1
Total VOCs	57	29	8	34	81	28 or 72	5	65	7

NA Sample was not analyzed for that compound

* Both sample vials were analyzed giving different results for these compounds

Rep Replicate sample

Data prior to 25 January were recorded by Geraghty Miller, Inc.

VEECOLAB.XLS

TABLE 4-1: CONCENTRATIONS OF VOLATILE ORGANIC COMPOUNDS DETECTED AT VEECO INSTRUMENTS INC.
PLAINVIEW, NEW YORK

Well No.	MW-7	MW-7	RW-1	RW-1	RW-1	RW-1	RW-1	RW-1	RW-1
Sample Date	31-Mar-92	26-Jan-93	1-Feb-90	4-Feb-92	11-Feb-92	18-Feb-92	25-Feb-92	17-Mar-92	25-Jan-93
Compound:									
1, 1 Dichloroethene (ug/L)	<1	<1	1	2	3	2	2	2	1
1, 1 Dichloroethane (ug/L)	<1	<1	3	6	6	4	4	4	1
1, 2 Dichloroethene (ug/L)	<1	3	9	26	25	19	21	17	2
1, 2 Dichloroethane (ug/L)	<1	<1	<1	<1	<1	<1	<1	<2	<1
111 Trichloroethane (ug/L)	3	9	46	88	75	65	63	67	22
Trichloroethylene (ug/L)	1	2	6	18	16	15	14	11	5
Tetrachloroethene(ug/L)	3	13	900	1900	1300	1100	1100	810	360
Benzene (ug/L)	<1	6	<1	<1	<1	NA	NA	<1	<1
Toluene (ug/L)	<2	2 or 16*	<2	<2	<2	NA	NA	<2	<2
Ethyl Benzene (ug/L)	<1	<1 or 2*	<1	<1	<1	NA	NA	<1	<1
Total Xylenes (ug/L)	<4	4	<4	<4	<4	NA	NA	<4	<4
Freon 113 (ug/L)	<1	NA	NA	11	NA	9	8	11	NA
Total VOCs	7	39 or 55	965	2051	1425	1214	1212	922	391

NA Sample was not analyzed for that compound

* Both sample vials were analyzed giving different results for these compounds

Rep Replicate sample

Data prior to 25 January were recorded by Geraghty Miller, Inc.

VEECOLABXLS

TABLE 4-1: CONCENTRATIONS OF VOLATILE ORGANIC COMPOUNDS DETECTED AT VEECO INSTRUMENTS INC.
PLAINVIEW, NEW YORK

Well No.	RW-1	RW-2	RW-2	RW-2	RW-2	RW-2	RW-2	RW-2
Sample Date	28-Apr-93	4-Feb-92	11-Feb-92	18-Feb-92	25-Feb-92	17-Mar-92	26-Jan-93	28-Apr-93
Compound:								
1, 1 Dichloroethene (ug/L)	<1	1	1	1	1	1	1	<1
1, 1 Dichloroethane (ug/L)	1	1	1	1	1	1	1	<1
1, 2 Dichloroethene (ug/L)	7	1	1	<1	<1	<1	2	<1
1, 2 Dichloroethane (ug/L)	<1	<1	<1	<1	<1	<1	<1	<1
111 Trichloroethane (ug/L)	15	28	25	23	19	14	19	12
Trichloroethylene (ug/L)	5	2	2	2	2	1	2	3
Tetrachloroethene(ug/L)	360	150	140	130	110	88	260	150
Benzene (ug/L)	NA	<1	<1	NA	NA	<1	<1	NA
Toluene (ug/L)	NA	<2	<2	NA	NA	<2	<2	NA
Ethyl Benzene (ug/L)	NA	<1	<1	NA	NA	<1	<1	NA
Total Xylenes (ug/L)	NA	<4	<4	NA	NA	<4	<4	NA
Freon 113 (ug/L)	NA	18	NA	16	12	11	NA	NA
Total VOCs	388	201	170	173	145	116	285	165

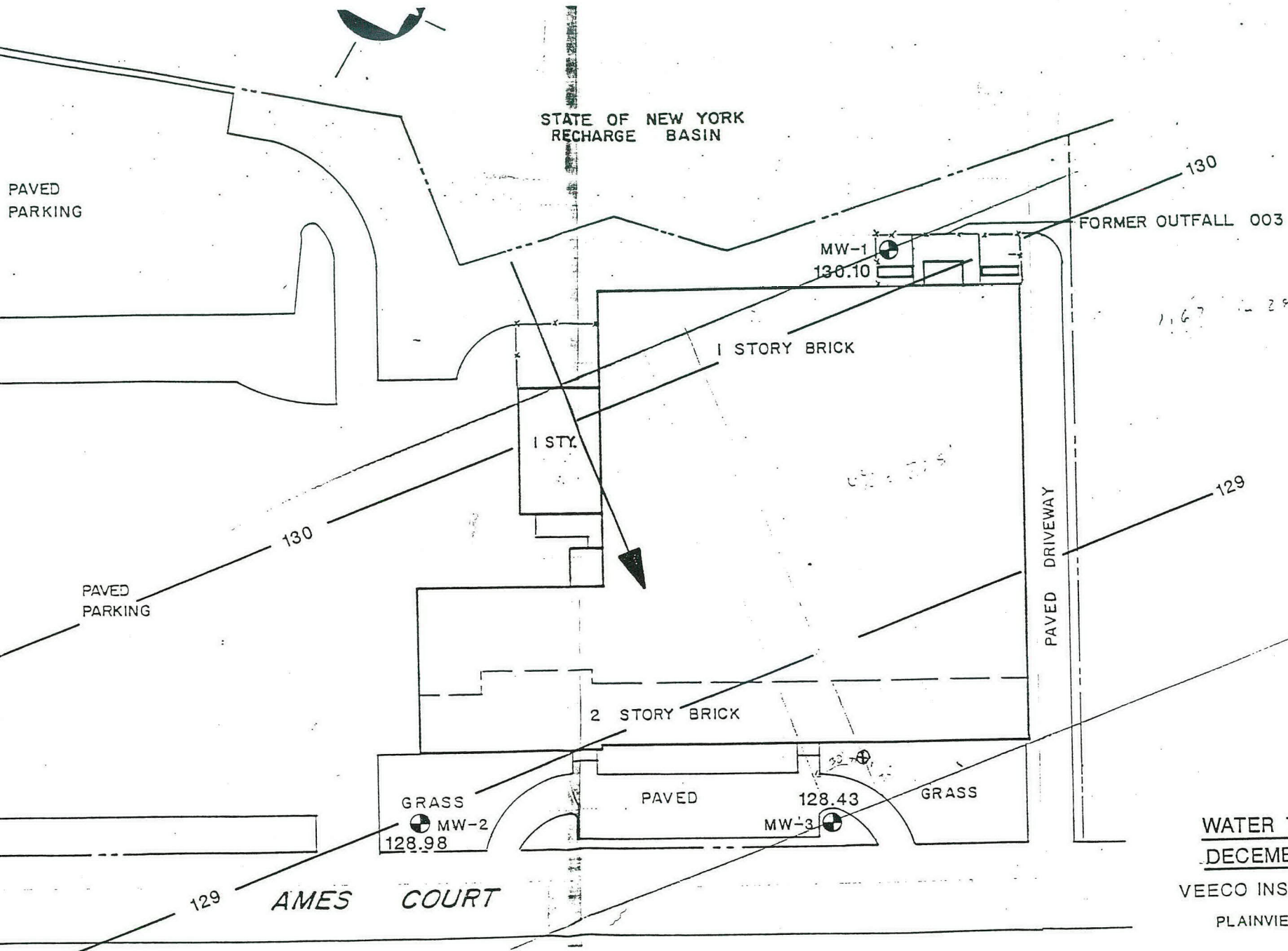
NA Sample was not analyzed for that compound

* Both sample vials were analyzed giving different results for these compounds

Rep Replicate sample

Data prior to 25 January were recorded by Geraghty Miller, Inc.

VEECOLAB.XLS



WATER TABLE MAP
DECEMBER 5, 1986
VEECO INSTRUMENTS INC.
PLAINVIEW, NEW YORK



STATE OF NEW YORK
RECHARGE BASIN

PAVED
PARKING

PAVED
PARKING

MW-1
129.30

1 STORY BRICK

1 STY.

2 STORY BRICK

MW-2
129.20

GRASS

PAVED

MW-3
127.39

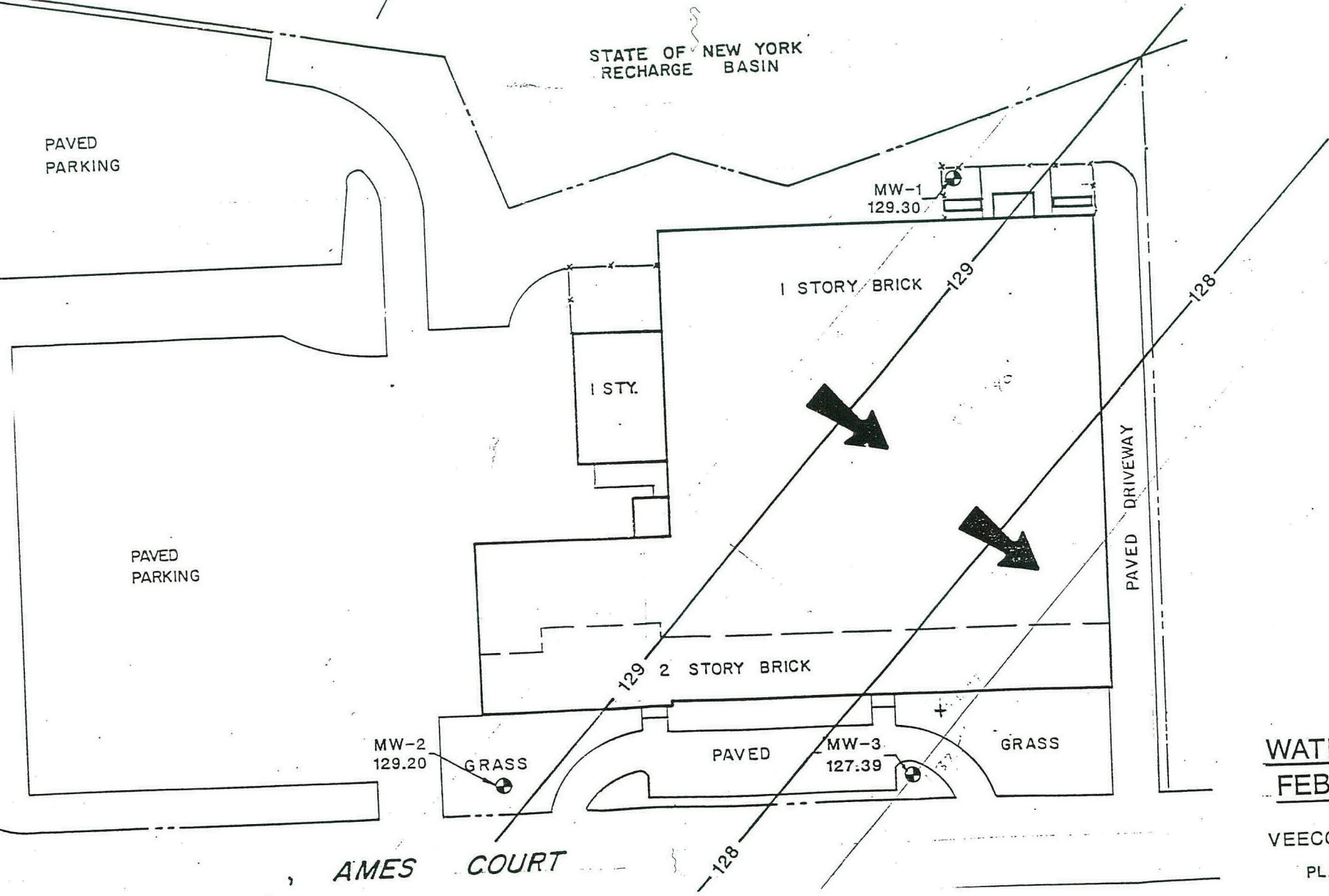
GRASS

AMES COURT

PAVED DRIVEWAY

WATER TABLE MAP
FEBRUARY 18, 1987

VEECO INSTRUMENTS INC.
PLAINVIEW, NEW YORK

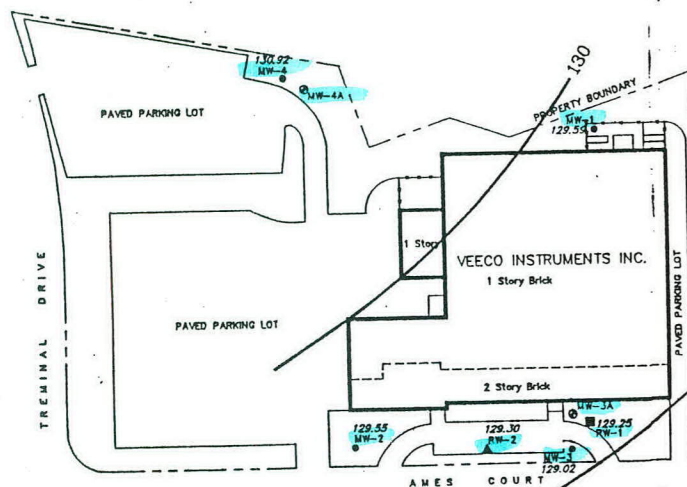




EXPLANATION

- MW-5 LOCATION AND DESIGNATION OF SHALLOW MONITORING WELL
- ⊙ MW-3A LOCATION AND DESIGNATION OF DEEP (MAGOTHY) MONITORING WELL
- RW-1 LOCATION AND DESIGNATION OF RECOVERY WELL
- ▲ RW-2 LOCATION AND DESIGNATION OF PROPOSED RECOVERY WELL
- 125.07 WATER-LEVEL ELEVATION MEASURED ON JANUARY 27, 1992
- 130 LINE OF EQUAL WATER-LEVEL ELEVATION RELATIVE TO MEAN SEA LEVEL, DASHED WHERE INFERRED

STATE OF NEW YORK
RECHARGE BASIN



COLLECTION PIT NO. 1
APPROX. LOCATION

APPROXIMATE LOCATION OF THE
COMM-100 ASSOCIATES SITE.
PLEASE NOTE THAT THE SITE WAS
NOT DEPICTED ON THE MAP PREPARED
BY GERAGHTY & MILLER, INC.

COMMERCIAL STREET

EXECUTIVE DRIVE

0 200 FT



WATER-TABLE CONFIGURATION JANUARY 27, 1992
(PREPUMPING)

VEECO INSTRUMENTS INC. PLAINVIEW, NEW YORK

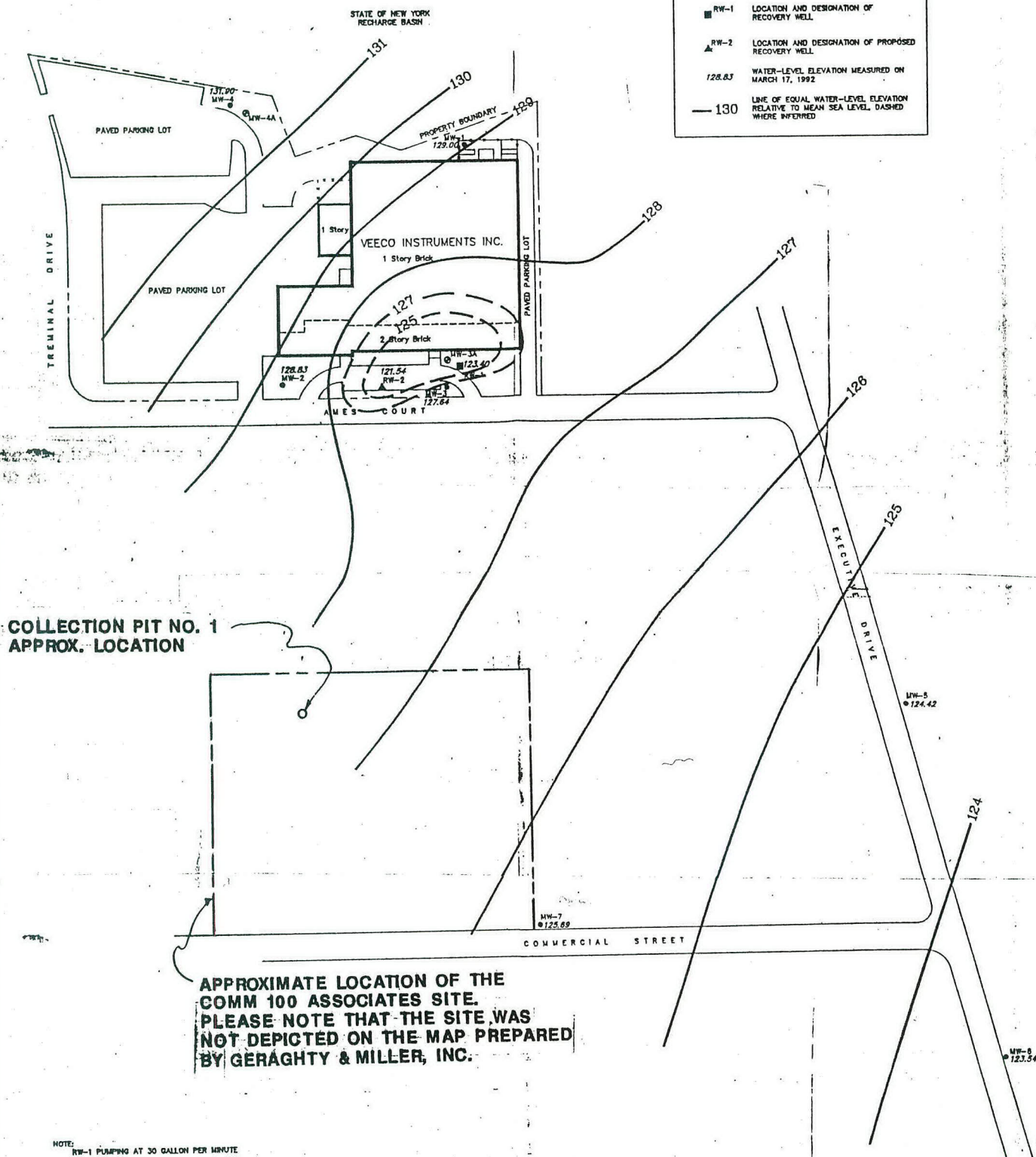
FIGURE

2



EXPLANATION

- MW-5 LOCATION AND DESIGNATION OF SHALLOW MONITORING WELL
- MW-3A LOCATION AND DESIGNATION OF DEEP (MAGOTHY) MONITORING WELL
- RW-1 LOCATION AND DESIGNATION OF RECOVERY WELL
- RW-2 LOCATION AND DESIGNATION OF PROPOSED RECOVERY WELL
- 128.83 WATER-LEVEL ELEVATION MEASURED ON MARCH 17, 1992
- 130 LINE OF EQUAL WATER-LEVEL ELEVATION RELATIVE TO MEAN SEA LEVEL, DASHED WHERE INFERRED



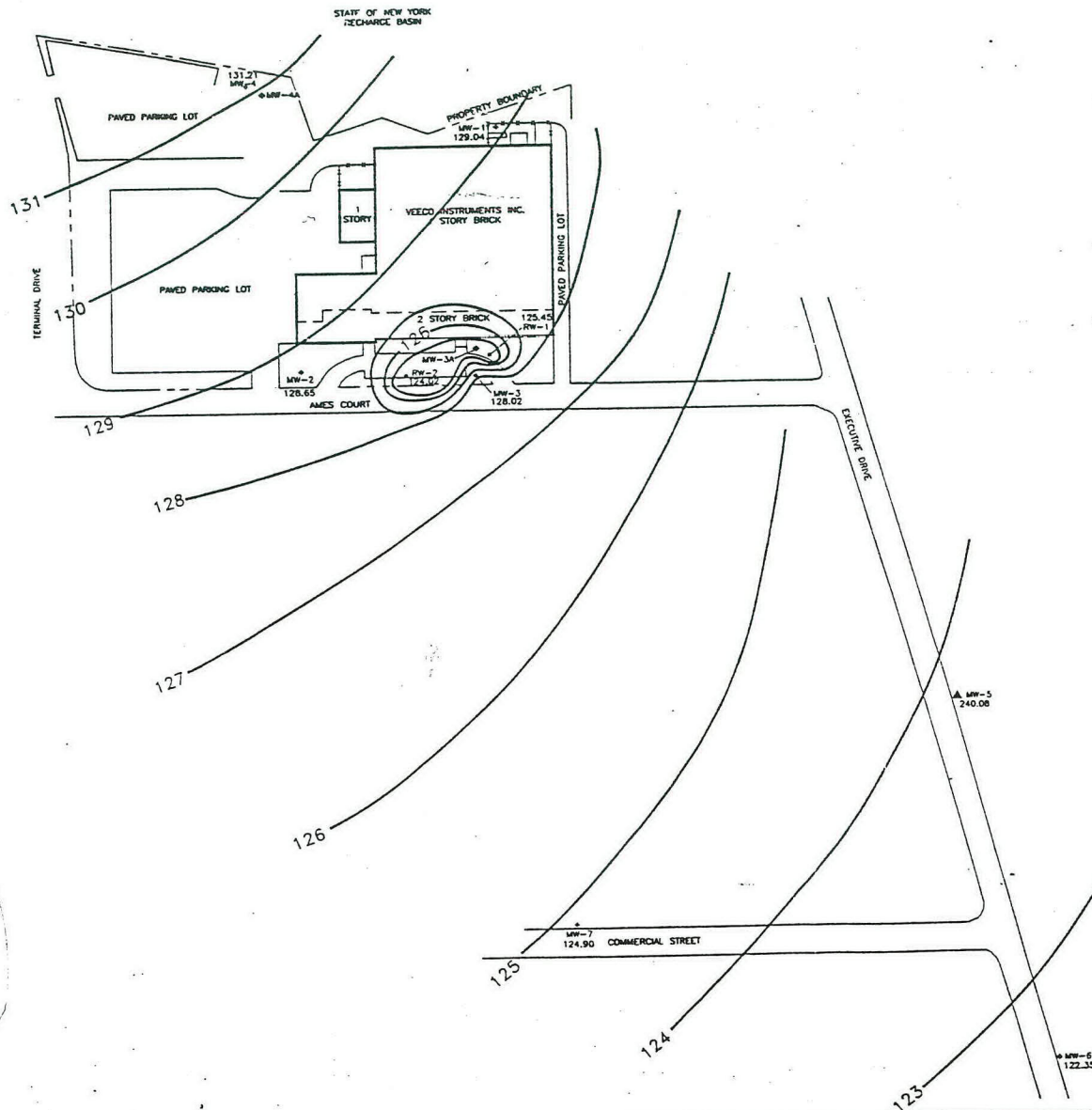
NOTE:
RW-1 PUMPING AT 30 GALLON PER MINUTE
RW-2 PUMPING AT 18 GALLON PER MINUTE
PUMPING BEGAN JANUARY 27, 1992

WATER-TABLE CONFIGURATION MARCH 17, 1992

VEECO INSTRUMENTS INC. PLAINVIEW, NEW YORK

FIGURE

3

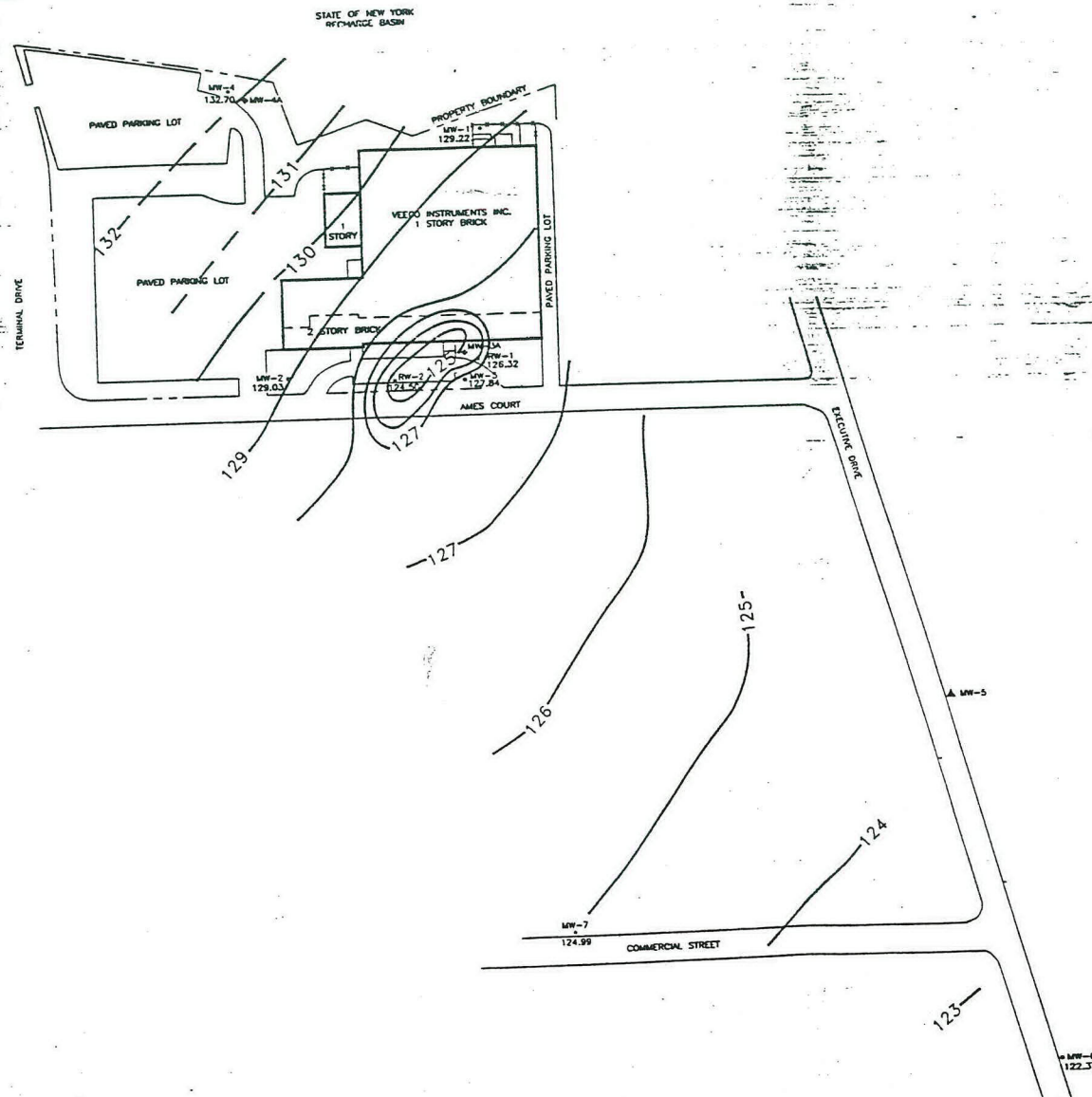


LEGEND

- RW-1 * LOCATION AND DESIGNATION OF RECOVERY WELL
- MW-3A * LOCATION AND DESIGNATION OF DEEP (MAGOTHY) MONITORING WELL
- MW-3 * LOCATION AND DESIGNATION OF SHALLOW MONITORING WELL
- MW-5 ▲ DESTROYED OR ABANDONED MONITORING WELL



TITLE WATER TABLE CONFIGURATION ON 1/26/93 VEECO INSTRUMENTS INC. PLAINVIEW, NEW YORK					
PREPARED FOR LAMBDA ELECTRONICS					
ERM-Northeast Environmental Remediation Management ERM E. MIKUCKI	JOB NO. 581.006	FILE NAME FIGUWT	<table border="1"> <tr> <td> SCALE GRAPHIC DATE 6/8/93 </td> <td> FIGURE 3-1 </td> </tr> </table>	SCALE GRAPHIC DATE 6/8/93	FIGURE 3-1
SCALE GRAPHIC DATE 6/8/93	FIGURE 3-1				



LEGEND

- MW-1 • LOCATION AND DESIGNATION OF RECOVERY WELL
- MW-2A • LOCATION AND DESIGNATION OF DEEP (MAGOTHY) MONITORING WELL
- MW-3 • LOCATION AND DESIGNATION OF SHALLOW MONITORING WELL
- MW-5 ▲ DESTROYED OR ABANDONED MONITORING WELL



TITLE
 WATER TABLE CONFIGURATION
 ON 4/28/93
 VEECO INSTRUMENTS INC.
 PLAINVIEW, NEW YORK

PREPARED FOR
 LAMBDA ELECTRONICS

	ERM-Northeast		SCALE	FIGURE
	Environmental Resources Management		GRAPHIC	
Drawn by	JOB NO.	FILE NAME	DATE	3-2
E. MIKUCKI	581.006	WTCVEEC	6/8/93	

TABLE 4
SUMMARY OF ANALYTICAL DATA, LEACHING PIT CONTENT SAMPLING ACTIVITIES, 3-3-93 THROUGH 3-9-93
VOLATILE ORGANIC COMPOUNDS

Sample Id.	SS1-3 (ppm)	SS2-3 (ppm)	SS3-3 (ppm)	SS4-3 (ppm)	SS5-3 (ppm)	SS6-3 (ppm)	NYSDEC RSCO (ppm)
Compound							
acetone	ND	ND	ND	0.026	0.033	ND	0.2
methylene chloride	ND	ND	0.002J	ND	ND	ND	0.1
trichloroethene	932.41J	ND	ND	ND	ND	119.511	0.7
toluene	ND	ND	0.003J	ND	0.003J	ND	1.5
tetrachloroethene	48,170.0	0.002J	0.014	0.074	ND	1,479.378	1.4
VOC TIC's	ND	ND	ND	ND	ND	76.142	NA

Notes:

1. Sample No. SS6-3 was submitted as a duplicate sample of SS1-3.
2. ND - Compound not detected above minimum method detection limits (MDL) reported by the analytical laboratory.
3. J - Estimated concentration detected below MDL.
4. TIC - Tentatively identified compounds.
5. NA - Information not available.
6. RSCO - NYSDEC Recommended Soil Cleanup Objectives.

TABLE 5

SUMMARY OF ANALYTICAL DATA, LEACHING PIT CONTENT SAMPLING ACTIVITIES, 3-3-93 THROUGH 3-9-93
SEMIVOLATILE ORGANIC COMPOUNDS

Sample Id.	SS1-3 (ppm)	SS2-3 (ppm)	SS3-3 (ppm)	SS4-3 (ppm)	SS5-3 (ppm)	SS6-3 (ppm)	NYSDEC RSCO (ppm)
Compound							
1,2,4-trichlorobenzene	1.613J	ND	ND	ND	ND	1.148J	3.4
naphthalene	2.697J	ND	ND	ND	ND	2.253J	13.0
2-methylnaphthalene	1.258J	ND	ND	ND	ND	ND	36.4
phenanthrene	3.163J	ND	ND	ND	ND	3.918J	50.0
anthracene	0.506J	ND	ND	ND	ND	ND	50.0
di-n-butylphthalate	ND	ND	ND	ND	ND	ND	8.1
fluoranthene	4.865	ND	0.055J	0.077J	ND	6.203J	50.0
pyrene	3.738J	ND	0.051J	0.075J	ND	4.697J	50.0
butylbenzylphthalate	0.976J	ND	1.105	ND	ND	ND	50.0
benzo (a) anthracene	2.386J(1)	ND	ND	0.045J(2)	ND	3.461J(3)	0.22 or MDL
chrysene	3.708J	ND	0.052J	0.076J	ND	4.904J	0.4
bis(2-ethylhexyl) phthalate	18.983	1.206	0.742	0.158J	ND	7.69J	50.0
di-n-octylphthalate	0.493J	ND	ND	ND		ND	50.0
benzo (b) fluoranthene	1.651J	ND	0.046J	0.07J	ND	2.083J	1.1
benzo (k) fluoranthene	1.711J	ND	ND	0.042J	ND	2.706J	1.1
benzo (a) pyrene	1.325J(1)	ND	ND	0.052J(2)	ND	2.11J(3)	0.061 or MDL
indeno (1,2,3-cd) pyrene	1.039J	ND	ND	0.052J	ND	1.103J	3.2
benzo (g,h,i) perylene	1.008J	ND	ND	0.046J	ND	1.279J	50.0
SVOC TIC:	876.281	9.004	0.969	4.659	0.698	705.552	NA

TABLE 5 (cont.)

Notes:

1. J - Estimated concentration reported below the minimum MDL.
2. ND - Not detected above the minimum MDL.
3. SVOC TIC - Semivolatile organic compound tentatively identified compound concentrations (total).
4. (1) - MDL for the indicated compound reported at 4.839 ppm.
5. (2) - MDL for the indicated compound reported at 0.359 ppm.
6. (3) - MDL for the indicated compound reported at 10.888 ppm.
7. RSCO - NYSDEC Recommended Soil Cleanup Objectives.

TABLE 6
SUMMARY OF ANALYTICAL DATA, LEACHING PIT SAMPLING ACTIVITIES, 3-3-93 THROUGH 3-9-93
PRIORITY POLLUTANT METALS

Sample Id.	SS1-3 (ppm)	SS2-3 (ppm)	SS3-3 (ppm)	SS4-3 (ppm)	SS5-3 (ppm)	SS6-3 (ppm)	NYSDEC RSCO (ppm)
Compound:							
antimony	10.0	<1.3	<1.4	<1.3	<1.3	15.0	30.0
arsenic	3.2	<1.1	1.5	1.2	<1.1	2.7	7.5
beryllium	0.48	<0.11	0.15	0.15	<0.11	0.32 (1)	0.14
cadmium	4.1	<0.27	<0.28	1.5	<0.27	4.3	1.0
chromium	160.0	2.3	4.5	34.0	2.6	390.0	10.0
copper	140.0	1.2	180.0	47.0	2.6	120.0	25.0
lead	130.0	<1.6	7.5	72.0	2.3	120.0	30.0
mercury	5.1	<0.27	<0.28	<0.27	<0.27	0.44	0.1
nickel	66.0	1.5	4.3	15.0	1.2	160.0	13.0
selenium	0.37 (1)	<0.53	<0.57	<0.54	<0.53	0.32 (1)	2.0
silver	0.37 (1)	<0.27	<0.28	<0.27	<0.27	0.32 (1)	200.0
thallium	0.00037 (1)	<0.53	<0.57	<0.54	<0.53	0.00032 (1)	20.0
zinc	230.0	8.6	36.0	67.0	5.9	250.0	20.0

Notes:

1. (1) - Indicated concentration reported at the minimum MDL.
2. < - Compound concentration reported below the indicated concentration.
3. RSCO - NYSDEC Recommended Soil Cleanup Objectives.

TABLE 7
SUMMARY OF ANALYTICAL DATA, POST LEACHING PIT CONTENT SAMPLING ACTIVITIES, 3-11-94
VOLATILE ORGANIC AND SEMIVOLATILE ORGANIC COMPOUNDS

Sample Id.	P-1 (ppm)	P-3 (ppm)	P-4 (ppm)	NYSDEC RSCO (ppm)
Compounds:				
VOC+10		NA	NA	
tetrachloroethene	550			1.4
TICs	366			*
SVOC+25		NA	NA	
1,2,4-trichlorobenzene	5.50			3.4
butylbenzylphthalate	1.2J			50
bis(2-ethylhexyl)phthalate	10.0			50
di-n-octylphthalate	0.58J			50
TICs	226.4			*

Notes:

1. NA - Analysis not performed on the indicated sample.
2. RSCO - NYSDEC Recommended Soil Cleanup Objectives.
3. TICs - Tentatively identified compounds.
4. * - Information not available.
5. J - Reported below the laboratory minimum MDL.

TABLE 8
SUMMARY OF ANALYTICAL DATA, POST LEACHING PIT CONTENT REMOVAL SAMPLING ACTIVITIES, 3-11-94
PRIORITY POLLUTANT METAL COMPOUNDS

Sample Id.	P-1 (ppm)	P-3 (ppm)	P-4 (ppm)	NYSDEC RSCO (ppm)	Eastern USA Background (ppm)
antimony	<3.5	<3.5	<3.6	30	*
arsenic	0.84	<0.62	1.4	7.5	3-12
beryllium	<0.21	<0.21	<0.21	0.14	0-1.75
cadmium	<0.83	<0.83	<0.85	1	0.1-1
chromium	8.7	2.5	3.7	10	1.5-40
copper	4.6	3.0	34.2	25	1-50
lead	5.2	1.8	16.7	30	4-61
mercury	<0.13	<0.13	<0.13	0.1	0.001-0.2
nickel	<1.5	<1.5	<1.5	13	0.5-25
selenium	<0.63	<0.62	<0.64	2	0.1-3.9
silver	<0.42	<0.42	<0.42	200	*
thallium	<0.63	<0.62	<0.64	20	*
zinc	8.0	8.3	4.4	20	9-50

1. RSCO - NYSDEC Recommended Soil Cleanup Objectives.
2. * - Information not available.

TABLE 9
SUMMARY OF ANALYTICAL DATA, SOIL PLUME DELINEATORY SAMPLING ACTIVITIES, 3-14-94
VOLATILE ORGANIC AND SEMIVOLATILE ORGANIC COMPOUNDS

Sample Id.	SP1, 40-42 (ppm)	SP1, 45-47 (ppm)	NYSDEC RSCO (ppm)
VOC+10			
methylan chloride	ND	0.001JB	0.1
acetone	0.01B	ND	0.2
tetrachloroethene	0.001J	0.001J	1.4
TICs	0.019	0.013	*
SVOC+25			
phenol	0.3J	0.23J	0.03
phenanthrene	0.022J	ND	50.0
di-n-butylphthalate	0.023J	0.02J	8.1
fluoranthene	0.030J	ND	50.0
pyrene	0.033J	ND	50.0
butylbenzylphthalate	0.020J	ND	50.0
bis(2-ethylhexyl)phthalate	0.13J	0.023J	50.0
TICs	15.13	7.99	*

1. RSCO - NYSDEC Recommended Soil Cleanup Objective.
2. TICs - Tentatively identified compounds.
3. ND - Not detected above the laboratory minimum MDL.
4. J - Estimated concentration reported below the laboratory MDL.
5. B -
6. * - Information not available.

TABLE 10
SUMMARY OF ANALYTICAL DATA, SOIL PLUME DELINEATORY SAMPLING ACTIVITIES, 3-14-94
PRIORITY POLLUTANT METAL COMPOUNDS

Sample Id.	SP1, 40-42 (ppm)	SP1, 45-47 (ppm)	NYSDEC RSCO (ppm)
antimony	<3.5	<3.5	30
arsenic	2.3	0.86	7.5
beryllium	<0.21	<0.21	0.14
cadmium	<0.83	<0.83	1
chromium	6.9	3.6	10
copper	2.7	1.9	25
lead	1.9	0.95	30
mercury	<0.13	<0.13	0.1
nickel	2.1	<1.4	13
selenium	<0.62	<0.62	2
silver	<0.41	<0.41	200
thallium	<0.62	<0.62	20
zinc	6.6	5.5	20

1. RSCO - NYSDEC Recommended Soil Cleanup Objective.

EIKON PLANNING AND DESIGN CORP.

P.O. BOX 534 - 5 FURNACE STREET
NETCONG, NEW JERSEY 07857

BORING NO. MW1

Client STEWART BERNSTEIN, ESQ.

Job No. BBR AWD

Sheet 1 of 1

to 100 COMMERCIAL STREET, PEKIN, NEW YORK

Permit No. N-12186

Date Started 3-3-93 Date Completed 3-5-93 Casing Dia. 4 in. Development Method AL

Elevation (TC) Boring Method HSA Casing Material PVC Time Developed 95 Min. Yield (GPM)

Elevation (GS) Borehole Dia. 12 in. Screen or Slot Size 0.010 in. Screen Material PVC

Elev. (ft.)	Depth (ft.)	Description	Strat Column	Sample	Moisture Content	Blows on Sampler					Sample No.	Recovery %	Inst. Rdg. PPM	Water Level (date)	Monitor Well Construction
						0" 6"	6" 12"	12" 18"	18" 24"	n					
	0	2" ASPHALT, 6" LN GRVEL, INTO GREENISH BRN PS SHT, FI-MED, W/ GRV/PEB.													
	1	2.5' - TAILINGS GRV/ORGANIC MAT. NOTED.											NR		
	2	3.5' - 1/2" LN GRV/SND CONTNT, LTR BRN													
	3	4' - BETTER SORTING													
	4	2" PS GRV BRN SHT-SLT W/ PEB. BAL.: MED BRN SHT C SHT W/ PEB TO QZ GRV.													
	5	1" WS TAN SHT													
		2" PS GRV/PEB SHT-SLT													
		2" MED BRN PS SHT-SLT W/ PEB.													
		5" GRV BRN PS SHT SHT PEB GRV													
	10	NO CHANGE TO 10' EUS													
		BAL. MOIST SHT CND W/ SOME CLAY, PEB/GRV OF QZ/SHARD OF WOOD, ROOTS FULL, GREENISH BRN W/ PUTRID ODOR													
	15	NO CHANGE TO 15' EUS. SAME PUTRID ODOR													
		BAL. AS 10-12' EX, DRY TO MOIST, NOTED GRASS-LIKE ORGANIC MATERIAL													
		17' SHARDS OF WOOD, BRANICHES													
	20	BRINKING UP MUCK @ 20'													
		NO CHANGE TO 20' EUS. INC. IN MOISTURE													
		1" GREENISH BRN PS SHT. SHT, PEB, GRV.													
		6" PS BRN SHT SHT W/ TR. QZ. PEB.													
		BAL. WS SHT, FI-MED, TR PEB, TAN. MAY BE CONTACTED BETWEEN FILL AND SAND													
		OF 2 PIECES OF GRV.													
		5" WS FI-MED SHT, THIN													
		1" LAMINATED GREEN AND RED LAYER OF SHT													
		5" WS MED-FN SHT													
	25	4" LT GREENISH BRN WS C TO MED SHT W/ PEB/GRV													
		8" TAN FI-MED WS SHT													
		2" INC. IN LAMINATIONS, RAY, DK BRN W/ CLOR FI-MED SHT, QZ PEB, GRV.													
		SAMPLE DRIER THAN LAST. NO WATER PORED OUT													
		6" MED C-MED SHT W/ F.R. QZ GRV, TAN, DRY													
		4" BETTER SORTED FI SHT, TR PEB, TAN													
		BAL. INC. IN PEB. CONTACT.													
	30	NO CHANGE IN CUTTINGS TO 30'													
		BOREHOLE DRY AT 30'													
		BAL. FI-MED SHT, WS, W/ PEB/GRV. SOME C GRVNS NEAR BOTTOM OF SPOON													
		ONE RED-BRN LAMINATION NOTED, 1/4" THK AT BOTTOM 2 IN. OF SPOON													
	32														

Sampler Type

Development Method

Boring Method

- ☒ - Driven Split Spoon
- ☐ - Pressed Shelby Tube
- ☐ - Rock Core
- ☒ - No Recovery

- AL - Air Lift
- P - Pumping
- J - Jetting
- SB - Surge Block
- B - Bailing

- HSA - Hollow Stem Augers
- CFA - Continuous Flight Augers
- DC - Driving Casing
- MD - Mud Drilling

EIKON PLANNING AND DESIGN CORP.

P.O. BOX 534 - 5 FURNACE STREET
NETCONG, NEW JERSEY 07857

BORING NO. MW 2

Client STEWART PERNSTEIN, ESQ.

Job No. B88 (ANS)

Sheet 1 of 2

Site 100 COMMERCIAL STREET, PLAINVIEW, NASSAU COUNTY, NEW YORK

Permit No. N-12187

Date Started 3-4-93 Date Completed 3-8-93

Casing Dia. 4 IN.

Development Method AL/P/FLUSH

Elevation (TC) _____ Boring Method HSA

Casing Material PVC

Time Developed 20 MIN Yield (GPM) 0.35 WITH FLUSH

Elevation (GS) _____ Borehole Dia. 12 IN.

Screen or Slot Size 0.010 IN. Screen Material PVC

Elev. (ft.)	Depth (ft.)	Description	Strat Column	Sample	Moisture Content	Blows on Sampler				n	Sample No.	Recovery %	Inst. Rdg. (ft)	Water Level (date)	Monitor Well Construction
						0" 6"	6" 12"	12" 18"	18" 24"						
	0	1" ASPHALT													
	1	1' PS SAND W/ GRAV/PER													
	2	2' ORANGE-BRN MED-W/S SILTY SAND SOME GRAV													
	3	2.5' W/S ORANGE SAND													
	4	3' MED BRN-GREY HS MED SAND, INC. IN GRAVEL													
	5	NO CHANGE TO 5' BUS													
	6	3" PS BRN-GREY SILTY SAND W/ PER													
	7	5" DEEP BRN PS SILTY CLAY W/ PER/CLAY													
	8	6" MED S FINE-MED SAND W/ PER. MED BRN GRAY, SOME MUD													
	9	2" SILTY CLAY W/ QZ PER BRN													
	10	PK BRN-GREY PS LOAM W/ ORGANIC MATERIAL (LEAVES, TWIGS, ROOTS) SOME GRAVEL AND PEBBLES TO 10'													
	11	2' PS SILTY SAND, GRAV/PER TR CLAY													
	12	REL. MED BRN W/S FINE-MED SAND, TR PER													
	13	14' NO CHANGE LTR HS SAND TR PER/CLAY 14-15'													
	14	2' PS MED-DK BRN SILTY SAND, GRAVEL TR PER.													
	15	ONE BRANCH 10" SILTY SAND CLAY, PER. TIGHTER AT BOTTOM 3"													
	16	3" SILTY MOTTLED CLAY. TR W/ ORANGE MOTTLES BRN.													
	17	17' INTO A SANDY CLAY, SILTY SAND CLAY INC. IN MOISTURE													
	18	20' MED BRN SILTY CLAY W/ ROUGHED QZ PER/CLAY													
	19	10" MED BRN SANDY SILT W/ QZ GRAY FRAGS. BROKEN IN SPOON.													
	20	5" WS FINE SAND TR. PER NO CLAY NOTED IN SAMPLE													
	21	21' SILTY CLAY NOTED IN CUTTINGS													
	22	22' INC. IN GRAVEL, NOTED BROKEN TWIG													
	23	BAL. MED-W/S TAN FINE-MED-C SAND TR QZ PER THRU SPOON													
	24	NO CHANGE IN CUTTINGS TO 20' BUS													
	25	REL. WS FINE SAND, SOME LAMINATIONS AT THE BOTTOM HALF OF THE SPOON RED-OR COLORED, TR QZ FRAGS. DRY													

Sampler Type

Development Method

Boring Method

- ☒ - Driven Split Spoon
- ☐ - Pressed Shelby Tube
- ☐ - Rock Core
- ☐ - No Recovery

- AL - Air Lift
- P - Pumping
- J - Jetting
- SB - Surge Block
- B - Bailing

- HSA - Hollow Stem Augers
- CFA - Continuous Flight Augers
- DC - Driving Casing
- MD - Mud Drilling

EIKON PLANNING AND DESIGN CORP.

P.O. BOX 534 - 5 FURNACE STREET
NETCONG, NEW JERSEY 07857

BORING NO. MW2

Sheet 2 of 2

Client _____ Job No. _____ Permt No. _____
Date Started _____ Date Completed _____ Casing Dia. _____ Development Method _____
Elevation (TC) _____ Boring Method _____ Casing Material _____ Time Developed _____ Yield (GPM) _____
Elevation (GS) _____ Borehole Dia. _____ Screen or Slot Size _____ Screen Material _____

Elev. (ft.)	Depth (ft.)	Description	Strat Column	Sample	Moisture Content	Blows on Sampler					Sample No.	Recovery	Inst. Rdg.	Water Level (date)	Monitor Well Construction
						0" 6"	6" 12"	12" 18"	18" 24"	n					
	30	REFER TO SHEET NO. 1		X											
	35	NO CHANGE IN CUTTINGS TO 35' BGS 4" HS TAN FN-MED SND/SOME FINE GRN. QZ 4" AS ABOVE W/ 1" IN THK. GRN. LAMIN. 2" FROM BOTTOM OF SPOON		X	DRY	7	10	11	17	21	60	3.9 3.2		NONE 07:30 3-5	
	40	NO CHANGE IN CUTTINGS TO 40' BGS 4" DRABUS LAMINATIONS IN A HS TAN FINE SND. DR. HS FN SDR PER. TAN		X	DRY	9	11	13	19	24	60	NR			
	44														
	45	WATER IN HOLE AT 45' BGS SPOON CAME UP SATURATED, Poured WATER 6" REDDISH OR. SND, HS, FN. LAMINATIONS D" DARKER RED. GRN SND. 8" LT TAN SND, FN RD-OR LAMINATIONS		X	SAT.	8	12	17	18	29	60	NR		10:20 3-5 09:45 3-5	
	50	50'-VERY SAT./SOUPY CUTTINGS TO 50'												09:00 3-8	
	55	NO CHANGE IN CUTTINGS TO 55' BGS												11:30 3-8	

Sampler Type

Development Method

Boring Method

- ☒ - Driven Split Spoon
- ☐ - Pressed Shelby Tube
- ☐ - Rock Core
- ☒ - No Recovery

- AL - Air Lift
- P - Pumping
- J - Jetting
- SB - Surge Block
- B - Bailing

- HSA - Hollow Stem Augers
- CFA - Continuous Flight Augers
- DC - Driving Casing
- MD - Mud Drilling

NR - NOT RECORDED
PID MALFUNCTION

EIKON PLANNING AND DESIGN CORP.

P.O. BOX 534 - 5 FURNACE STREET
NETCONG, NEW JERSEY 07857

BORING NO. WW3/585-3

Sheet 1 of 2

Client STEWART BERNSTEIN, ESQ.

Job No. BBB/ANS

Permit No. N/A

Address 100 COMMERCIAL STREET, PLAINVIEW, NASSAU COUNTY, NEW YORK

Date Started 3-9-93 Date Completed 3-11-93 Casing Dia. N/A Development Method N/A
Elevation (TC) N/A Boring Method HSA Casing Material N/A Time Developed N/A Yield (GPM) N/A
Elevation (GS) N/A Borehole Dia. 12 IN Screen or Slot Size N/A Screen Material N/A

Elev. (ft)	Depth (ft)	Description	Strat Column	Sample	Moisture Content	Blows on Sampler				n	Sample No.	Recovery %	Inst. Rdg. PPM	Water Level (date)	Monitor Well Construction
						0" 6"	6" 12"	12" 18"	18" 24"						
0		2" ASPHALT, 1" STABILIZED BASE INTO A FA-TAN SAND W/ ROUNDED PEB/ LAMIN OF QZ.		CUTTINGS	DRY										
5		SAME TO 5' BHS BAL. PS FA-MED SAND, MCHL PL/LAV. MED TAN-BRN. BOTTOM 2" BETTER SORTING.		X	WY	6	6	6	8	12		50	1128 (1)		
10		NO CHANGE TO 10' BHS 10" BETTER SORTED (M-W) TAN FA SAND SOME THIN ORANGE LAMINATIONS, POORER SORTING WITHIN TOP 2 IN. 2" DARKER RKT COLORED M-W SAND		X	DRY	5	5	7	12	12		75	O.D.		
15		NO CHANGE TO 15' BHS BAL TAN W/ RKT COLORED LAMINATIONS, M-FN SAND, W/ TR GRAD. BOT. 2" OF SPDR.		X	DRY	4	5	8	10	13		40	O.D.		
20		NO CHANGE IN CUTTINGS TO 20' BHS 6" PSC SAND W/ PEB/LAV. SOME MED SAND. DRAWS TO TAN BML LTR. BETTER SORTED, TAN SAND W/ RKT/BRN LAMINATIONS THEN SAMPLE		X	SAME INC. IN MARKED	8	8	10	10	18		70	O.D.		
25		NO CHANGE IN CUTTINGS TO 25' BHS 10" WS MED-FN SAND, TAN 4" LESS WS, INC. IN ORANGE COLOR, INC IN RKT COLORED LAMINATIONS AT BOTTOM. TR GRAD.		X	MOIST	10	10	12	18	22		60	O.D.		
		LEFT BOREHOLE OPEN FOR 20 MINS. NO WATER		CUTTINGS											
30		NO CHANGE IN CUTTINGS TO 30' BHS 20" WS FA-MED TAN SAND 1" INC. IN C SAND, PEB/LAV. BY BRN LAMS. TAN 1" RKT COLORED LAYER 2" TAN M-W (FA-MED-C) SAND, PEB/LAV.		X	SAME MOIST	10	14	18	20	32		90	O.D.		

Sampler Type

Development Method

Boring Method

- ☒ - Driven Split Spoon
- ☐ - Pressed Shelby Tube
- ☐ - Rock Core
- ☐ - No Recovery

- AL - Air Lift
- P - Pumping
- J - Jetting
- SB - Surge Block
- B - Bailing

- HSA - Hollow Stem Augers
- CFA - Continuous Flight Augers
- DC - Driving Casing
- MD - Mud Drilling

(1) FID RESPONSE SUSPECT. NO VOR UDR IN SAMPLE.

IRON PLANNING AND DESIGN CORP.

P.O. BOX 534 - 5 FURNACE STREET
NETCONG, NEW JERSEY 07857

BORING NO. 1113/SB5-3

Client _____ Job No. _____ Sheet 2 of 2
Permit No. _____
Date Started _____ Date Completed _____ Casing Dia. _____ Development Method _____
Elevation (TC) _____ Boring Method _____ Casing Material _____ Time Developed _____ Yield (GPM) _____
Elevation (GS) _____ Borehole Dia. _____ Screen or Slot Size _____ Screen Material _____

Elev. (ft.)	Depth (ft.)	Description	Strat Column	Sample	Moisture Content	Blows on Sampler				Sample No.	Recovery %	Inst. Rdg. ppm	Water Level (date)	Monitor Well Construction
						0" 6"	6" 12"	12" 18"	18" 24"					
	30	REFER TO SHEET NO. 1		X										
	35	NO CHANGE IN CUTTINGS TO 35' BGS 4" HS FINE-MED SAND, FINE TR GRAY. MED BRN 4" LTR, FINE HS FINE SAND BAL. AS ABOVE W/ BLACK SLICES (LIGNITE?) SOME RESIDUAL MOISTURE ON BLOCK		X	TR MOIST	8	11	12	14	23	60	DD		
	40	LET BOREHOLE SIT 40 MINS AT 40' HQ WATER NO CHANGE IN CUTTINGS TO 40' BGS BAL. HS FINE-MED SAND W/ GRAY/PS (SOME) TR SOME RESIDUAL MOISTURE IN SPOON ONLY SAMPLE RANDOMLY		X	TR MOIST	11	13	18	17	31	75	DD		
	45	DRILLED TO 45' AND STOPPED FOR FAN. NO WATER NO CHANGE IN CUTTINGS TO 45' BGS 6" HS FINE SAND, TR CLAY, MED-DK BRN BAL. HS FINE-MED SAND. TAN W/ SOME FINE LAMS SAMPLE IS MOIST		X	MOIST	8	8	11	16	19	70	0.0		
	50	2" MED BRN HS SAND 5" TAN SAND W/ BRN LAMS. 2" DK BRN SAND, HS 1 1/2" TAN HS SAND, MED-FINE 2" MED BRN HS SAND-FINE BAL. TAN-ARM INTERBEDDED FINE SAND VERY WS NO PSR OR GRAY. TR MOISTURE		X	MOIST	7	11	15	13	26	60	337		PULLED AUGER UP 2' TO LET BOREHOLE EQUILIBRATE. AFTER 30 MINS. WAIT, NO WATER
		BAL. TAN HS SAND SAND THRU SPOON FINE-MED CONCRETE MID. RESS 2309 FAN THRU SPOON 1500 IN BAG		X	TR MOIST	7	10	11	12	21	100	DD		
		BAL. TAN FINE SAND, THIN RUST LAMS. VERY THIN 1-2 MM THK. THIN SAMPLE. NO ODOR BUT BOILING. RESPONSES 2400 PPM THRU SPOON.		X	TR MOIST	7	12	15	19	27	70	550		
		BAL. SERIES OF THIN LAMS. DEPENDS TO TAN MATRICES, VERY FINE SAND, WS, MOIST		X	MOIST	10	10	12	12	22	80	2159		
	55	2" DK BRN HS SAND. LAMS. 1 1/2" TAN-OR LAM. SAND, MED. 6" NO LAMS. 3/4" SUFF CLAY LAMER		X	MOIST	7	9	11	13	20	100	2357		

Sampler Type	Development Method	Boring Method
☒ - Driven Split Spoon	AL - Air Lift	HSA - Hollow Stem Augers
☐ - Pressed Shelby Tube	P - Pumping	CFA - Continuous Flight Augers
☐ - Rock Core	J - Jetting	DC - Driving Casing
☐ - No Recovery	SB - Surge Block	MD - Mud Drilling
	B - Bailing	

IRON PLANNING AND DESIGN CORP.

P.O. BOX 534 - 5 FURNACE STREET
NETCONG, NEW JERSEY 07857

BORING NO. SBI-3

Client STEWART BERNSTEIN, ESQ.

Job No. 88B (ALE)

Sheet 1 of 1

Address 100 COMMERCIAL ST., PLAINVIEW, NASSAU COUNTY, NEW YORK

Permit No. N/A

Date Started 3-1-93 Date Completed 3-1-93

Casing Dia. N/A

Development Method N/A

Elevation (TC) N/A Boring Method HSA

Casing Material N/A

Time Developed N/A Yield (GPM) N/A

Elevation (GS) N/A Borehole Dia. 12 in.

Screen or Slot Size N/A

Screen Material N/A

Elev. (ft.)	Depth (ft.)	Description	Strat Column	Sample	Moisture Content	Blows on Sampler				n	Sample No.	Recovery %	Inst. Rdg. PPM	Water Level (date)	Monitor Well Construction
						0" 6"	6" 12"	12" 18"	18" 24"						
	0	2" ASPHALT / 6" LBI. GRAV (2.2 in.) BRN TO DK BRN PS SND SUT INTO LT BRN TO TAN FN TO MED. SND, WS	A-2.4.4.		DRY										
	10														
	20	COLOR CHANGE, DARKER BRN, FN TO MED SND, INC. IN GRAV. INC. IN MOISTURE AT 17' RLS, WS SND W/ GRAV. AND PSE.			INC. IN MOIST.									3.0	
		MOIST, DK BRN, WS FN SND W/ SOME PSE.			M D I S T									1.2	
	30	LIGHTER BRN, NOT AS MOIST, FN WS SND TR. PSE.			DEC IN MOIST.									1.6	
	40	0-2" TAN TO MED BRN SND W/ SOME MED BRN LAMINATIONS 2-3" CRUSHED QZ GRAVEL FRAGMENT 3-9" QZ PEBBLES AND QZ GRAVEL W/ FN SND 9-12" WS FN TO MED SND			DRY	7	11	14	13	26	SE-1	50	0.4		

Sampler Type

Development Method

Boring Method

- Driven Split Spoon
- Pressed Shelby Tube
- Rock Core
- No Recovery

- AL - Air Lift
- P - Pumping
- J - Jetting
- SB - Surge Block
- B - Bailing

- HSA - Hollow Stem Augers
- CFA - Continuous Flight Augers
- DC - Driving Casing
- MD - Mud Drilling

EIRON PLANNING AND DESIGN CORP.

P.O. BOX 534 - 5 FURNACE STREET
NETCONG, NEW JERSEY 07857

BORING NO. SB2-3

Client STEWART BERNSTEIN, ESQ.

Job No. BBB (A/C)

Sheet 1 of 1

Site 100 COMMERCIAL STREET, PLAINVIEW, NASSAU COUNTY, NEW YORK

Permit No. N/A

Date Started 3-1-93 Date Completed 3-1-93

Casing Dia. N/A Development Method N/A

Elevation (TC) N/A Boring Method HSA

Casing Material N/A Time Developed N/A Yield (GPM) N/A

Elevation (GS) N/A Borehole Dia. 12 in.

Screen or Slot Size N/A Screen Material N/A

Elev. (ft.)	Depth (ft.)	Description	Strat Column	Sample	Moisture Content	Blows on Sampler				n	Sample No.	Recovery %	Inst. Rdg. PPM	Water Level (date)	Monitor Well Construction
						0" 6"	6" 12"	12" 18"	18" 24"						
	0	2" ASPHALT													
		6" WELL SORTED GRAVEL, 2" DIA. DRN TO DK BRN PS SAND TR. SILT TRACE PHC ODOR (FROM ASPHALT?)													
	1	MED. BRN PS SAND W/ GRAVEL													
	2														
	3	REL. PS GREYISH BRN GRAVEL W/ SILT AND SAND. PUTRID ODOR. TR CLAY W/ PEB.				5	4	12	11	26	-	0	NR		
	4					3	3	4	7	7	SB2-3	5	NR		
	5														

Sampler Type

- ☒ - Driven Split Spoon
- ☐ - Pressed Shelby Tube
- ☐ - Rock Core
- ☐ - No Recovery

Development Method

- AL - Air Lift
- P - Pumping
- J - Jetting
- SB - Surge Block
- B - Bailing

Boring Method

- HSA - Hollow Stem Augers
- CFA - Continuous Flight Augers
- DC - Driving Casing
- MD - Mud Drilling

NR - NOT RECORDED
PID MALFUNCTION

IRON PLANNING AND DESIGN CORP.

P.O. BOX 534 - 5 FURNACE STREET
NETCONG, NEW JERSEY 07857

BORING NO. SB3-3

Client STEWART BERNSTEIN ESQ.

Job No. SB3 AND

Sheet 1 of 1

100 COMMERCIAL STREET, PLAINFIELD, NASSAU COUNTY, NEW YORK

Permit No. N/A

Date Started 3-2-93 Date Completed 3-2-93 Casing Dia. N/A Development Method N/A
Elevation (TC) N/A Boring Method HSA Casing Material N/A Time Developed N/A Yield (GPM) N/A
Elevation (GS) N/A Borehole Dia. 12 IN. Screen or Slot Size N/A Screen Material N/A

Elev. (ft)	Depth (ft)	Description	Strat Column	Sample	Moisture Content	Blows on Sampler				n	Sample No.	Recovery %	Inst. Rdg. (ft)	Water Level (date)	Monitor Well Construction
						0" 6"	6" 12"	12" 18"	18" 24"						
	0	2" ASPHALT													
	1	DRY TO BLACK PS SAND W/ SOME CLAY, P/C ODOR, MATERIAL LOOKS LIKE FILL (ie, NOT NATURAL MATERIAL NOTED PREVIOUSLY).													
	2														
	3														
	4	INTERVAL GRADUAL TO A PS SAND W/ TRSLS (SILT/CLAY). THINGS NOTED IN CUTTINGS INCREASE IN MOISTURE													
	5	REL. BRN-GRY PS SILT, FA-MED SAND PSB, ORGANIC MATERIAL (LEAVES, HAY) SOUR, VOLATILE-LIKE ODOR				3	3	3	5	6	SB 3-3	30	NR		
	6														

Sampler Type

Development Method

Boring Method

- ☒ - Driven Split Spoon
- ☐ - Pressed Shelby Tube
- ☐ - Rock Core
- ☐ - No Recovery

- AL - Air Lift
- P - Pumping
- J - Jetting
- SB - Surge Block
- B - Bailing

- HSA - Hollow Stem Augers
- CFA - Continuous Flight Augers
- DC - Driving Casing
- MD - Mud Drilling

NR - NOT RECORDED
PID MALFUNCTION

IRON PLANNING AND DESIGN CORP.

P.O. BOX 534 - 5 FURNACE STREET
NETCONG, NEW JERSEY 07857

BORING NO. SRA-3

Client STEWART RESIDENTIAL, LLC

Job No. BBE (A) (E)

Sheet 1 of 1

Address 100 COMMERCIAL STREET, PLAINFIELD, NASSAU COUNTY, NEW YORK

Permit No. N/A

Date Started 3-2-93

Date Completed 3-2-93

Casing Dia. N/A

Development Method N/A

Elevation (TC) N/A

Boring Method HSA

Casing Material N/A

Time Developed N/A

Yield (GPM) N/A

Elevation (GS) N/A

Borehole Dia. 12 IN

Screen or Slot Size N/A

Screen Material N/A

Elev. (ft)	Depth (ft)	Description	Strat Column	Sample	Moisture Content	Blows on Sampler				n	Sample No.	Recovery %	Inst. Rdg. PPM	Water Level (date)	Monitor Well Construction
						0" 6"	6" 12"	12" 18"	18" 24"						
	0	2" ASPHALT, 1' LN GRV.			DRY										
	1	1' LN GRV. / MED BRN FS SND W/ PEB/GRV.			DRY										
	2	2.5' - TWIGS/ROOTS, DRY, DK BRN			DRY										
	3	3.5' - PUTRID/WHY ROOTS, THINS, PE-MED BRN FS SND W/ PEB/GRV.			DRY										
	4	4' - INC IN MOISTURE, TR. CLAY			DRY										
	5	4.5' - COLOR CHANGE, STILL PEAKLES, ROOTS, THINS DK BRN, COBBLE, LTR GRV FRAGMENTS			DRY										
	6	5' - DRYER, LESS GRV. LTR SORT, LG, MED SPT INC. PEB. GREENOT SOME WOOD FRAG B B			DRY										
	10	NO CHANGE TO 13'													
	13	13' - COLOR CHANGE, LT MED BRN, WS FM-MED SPT													
	14	14' - DK BRN, INC IN GRV., SHARDS OF WOOD, TWIGS, ETC													
	16	16' - AS ABOVE W/ FS FM-MED SPT, TR CLAY, SOME PEB/GRV													
	18	18' - LTR BRN, INC. IN MOISTURE, LESS GRV, SPT SPT			MOIST										
	19	19' - LTR BRN CLAY, BAILING, MOIST			DRY										
	21	21' - WED BRN MOIST SILTY CLAY.			DRY										
	22	22' - DRYER, INC IN PEB/GRV CONSIST, TR CLAY			DRY										
	25	25' - WS FM SPT, YELLOWISH RED TO MED BRN SOME DTE PEB. DRY - PUTRID ODOR, NOISE DKSR BRN AT 26'			DRY										
	28	28' - LTR BRN, W/ FINE-MED SPT, PEB/GRV. ROUNDED DTE.			DRY										
	30	30' - NO CHANGE													
	33	NO CHANGE TO 33' LVS													
	34	END WS MED-CLAY W/ ROUNDED DTE PEB, TON MASTRY A OFFICE LAMINATIONS DRY			DRY	6	9	12	13	21	SB 4-3	65	HR		

Sampler Type

Development Method

Boring Method

- ☒ - Driven Split Spoon
- ☐ - Pressed Shelby Tube
- ☐ - Rock Core
- ☐ - No Recovery

- AL - Air Lift
- P - Pumping
- J - Jetting
- SB - Surge Block
- B - Bailing

- HSA - Hollow Stem Augers
- CFA - Continuous Flight Augers
- DC - Driving Casing
- MD - Mud Drilling

HR - NOT RECORDED
PID MALFUNCTION

EIKON PLANNING AND DESIGN CORP.

P.O. BOX 469 - 221 HIGH STREET
HACKETTSTOWN, NEW JERSEY 07840

BORING NO. SP1

Sheet 1 of 1

Client COMM. IOD ASSOCIATES / O. ROBIN S. WEINSTEIN, ESQ., TRUSTEE

Job No. B2B (REV)

Permit No. N/A

800 COMM. IOD ASSOCIATES, IOD COMMERCIAL STREET, PLAINFIELD, NASSAU CT, NEW YORK

Date Started 3-14-94 Date Completed 3-14-94

Casing Dia. N/A Development Method N/A

Elevation (TC) N/A Boring Method HSA

Casing Material N/A Time Developed N/A Yield (GPM) N/A

Elevation (GS) N/A Borehole Dia. 1.0 IN.

Screen or Slot Size N/A Screen Material N/A

Elev. (ft.)	Depth (ft.)	Description	Strat	Column	Sample	Moisture Content	Blows on Sampler				Sample No.	Recovery	Inst. Rdg.	Water Level (date)	Monitor Well Construction
							0" 6"	6" 12"	12" 18"	18" 24"	n				
		INVERT DEPTH OF SLEEPER PIT 110.5' BGS													
		NO LOG / CUTTINGS IN PIT													
	20	FIN. WS. SHD. W/EL. SHD. RED-BRN BANDS AND STRAT. IN. RELEASE IN C. AND BOTTOM 2" OF SAMPLE TR. QTE. PL. GRAY. TERN. SPOON				TRUCK MOIST	11	17	23	21	40	NS	60	1700-2000	
		NO LOG													
	25	TOP 2" FIN. WS. RED-BRN SHD. BAL. TAN WS. FIN-MUD SHD. TR. PEA/GRV				DRY	13	16	19	20	35	NS	70	100-2	
		NO LOG													
	30	TOP 2" TIGHT V. FIN. SHD. (W/EL. SHD. / SCD. PPM) BAL. WS. FIN-MUD SHD. TR. PEA/GRV. SOME C. SHD. L. TAN COLOR. SOME DR. BRN. SPOTS OF FIN-MUD SHD.				DRY	20	28	34	46	62	NS	70	500-2000	
		NO LOG													
	35	BAL. MED. TAN SHD. W/ WS. W/ TR. PEA/GRV. QTE. SOME STRAT. IN. SAMPLE AT 3" INTO SPOON				DRY	NR	13/3	25	30	51 EST.	NS	70	7 MAX	
		NO LOG													
	40	LAYERED STRATA COMPRISES OF TAN TO WEL. RED TO SH. FIN. SHD. OF WS. FIN. SHD. W/ C. SHD. FIN-MUD SHD. W/ PEBBLES OF QTE.				DRY	13	18	23	26	41	SPI. 40-42	60	4	
		NO LOG													
	45	TOP 4" MED. BRN. FIN-MUD SHD. W/ L. GRV. PEA (45 PPM) TAN BAL. FIN. SHD. W/ TR. PEA/GRV. W/ SOME BANDS OF DR. BAL. WS. SHD.				DRY	13	22	26	32	48	SPI. 45-47	90	45	
		END OF BORING													

Sampler Type

Development Method

Boring Method

- ☒ - Driven Split Spoon
- ☐ - Pressed Shelby Tube
- ☐ - Rock Core
- ☐ - No Recovery

- AL - Air Lift
- P - Pumping
- J - Jetting
- SB - Surge Block

- HSA - Hollow Stem Augers
- CFA - Continuous Flight Augers
- DC - Driving Casing
- MD - Mud Drilling

NOTES:
(1) REFER TO FILE NOTES REGARDING SPECIFIC STRATA DESCRIPTION
(2) SPOON WITH DRILL ROD SHD. THRU WATER INTO MATERIAL 9 IN.